

स्नातक कार्यक्रम

पर्यटन अध्ययन में स्नातक

(Graduate in Tourism Studies)

परिचय—पर्यटन विषय में स्नातक कार्यक्रम ज्ञानवर्धन के साथ-साथ रोजगारन्मुख है। इस कार्यक्रम में इण्टरमीडियट उत्तीर्ण कोई भी शिक्षार्थी प्रवेश ले सकता है। वर्तमान समय में पर्यटन अब घूमने-फिरने की क्रिया मात्र ही नहीं है बल्कि इसके पारस्परिक सौहार्द,संस्कृति अन्वेषण तथा राष्ट्रों की अर्थव्यवस्था के बेहतरी का कार्य किया जाने लगा है। यह कार्यक्रम शिक्षार्थियों को न केवल सरकारी क्षेत्र में रोजगार उपलब्ध कराता है बल्कि प्राइवेट क्षेत्र में भी अनेक रोजगार के अवसर उपलब्ध कराता है।

उद्देश्य—

- शिक्षार्थी इसके अध्ययन से विभिन्न क्षेत्रों में रोजगार के अवसर प्राप्त कर सकेंगे।
- शिक्षार्थी भारतीय संस्कृति एवं पर्यटन के बहुआयामी पक्षों की जानकारी प्राप्त कर अपना ज्ञानवर्धन कर सकेंगे।
- शिक्षार्थी सरकारी क्षेत्रों के अलावा प्राइवेट क्षेत्रों में भी रोजगार के अवसर प्राप्त कर सकेंगे।
- ऐतिहासिक एवं धार्मिक स्थलों के भ्रमण से अपने गौरवशाली अतीत से परिचित हो सकेंगे।

न्यूनतम अवधि—03वर्ष

पाठ्यक्रम शुल्क—3700/-

अध्ययन का माध्यम—हिन्दी/अंग्रेजी

प्रवेश हेतु अर्हता—इण्टरमीडियट (10+2)

अधिकतम अवधि—06वर्ष

उम्र बाध्यता—कोई नहीं

कार्यक्रम निष्कर्ष (Programme Outcomes)

- **PO1.**पर्यटन की परिभाषा एवं उसके उद्देश्यों से परिचित करना।
- **PO2.**पर्यटन को एक उद्योग के रूप में विकसित करने से सम्बन्धित विविध आयामों से परिचित कराना।
- **PO3.**भारतीय संस्कृति की प्रमुख विशेषताओं,प्रभावों आयामों तथा उसकी सामाजिक संरचना,स्थापत्य,पुरातत्व एवं हस्तशिल्प इत्यादि से परिचित कराना।
- **PO4.**भारतीय पारिस्थितिकी,पर्यावरण,पर्यटन एवं उसके प्रभावों से परिचित कराना।
- **PO5.**भारत के विभिन्न ऐतिहासिक एवं धार्मिक स्थलों से परिचित कराना।

Course Outcomes

BTS-01	पर्यटन में आधार पाठ्यक्रम																																			
पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES) CO1 पर्यटन के विविध आयामों की जानकारी प्रदान करना। CO2 पर्यटन उद्योग तथा संगठनात्मक ढांचा के विषय में जानकारी प्रदान करना। CO3 पर्यटन से सम्बन्धित विभिन्न सुविधाओं के सम्बन्ध में जानकारी प्रदान करना। CO4 पर्यटन में टूर आपरेटर की भूमिका की जानकारी प्रदान करना। Mapping of CO to PO																																				
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CO1	×																																			
CO2		×																																		
CO3				×																																
CO4					×																															
BTS-02	पर्यटन विकास:उत्पाद,संचालन और स्थिति अध्ययन																																			
पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES) CO1. पर्यटन विकास,उत्पादन,संचालन आदि के सम्बन्ध में जानकारी प्रदान करना। CO2. विभिन्न ऐतिहासिक स्मारकों तथा पर्यटन स्थलों की जानकारी प्रदान करना। CO3. पर्यटन विकास नीति तथा भारत महोत्सव के महत्व की जानकारी प्रदान करना। Mapping of CO to PO																																				
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CO1	×	×																																		
CO2					×																															
CO3				×	×																															
BTS-03	पर्यटन में प्रबन्धन																																			
पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES) CO1. पर्यटन प्रबन्धन तथा उद्यमिता के महत्व की जानकारी प्रदान करना। CO2. पर्यटन प्रबन्धन के संगठनात्मक तथा जनसम्पर्क की भूमिका एवं महत्व की जानकारी प्रदान करना। CO3. पर्यटन उद्योग के प्रोत्साहन में अधिवेशनों की भूमिका की जानकारी। Mapping of CO to PO																																				
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CO1		×																																		
CO2	×	×		×																																
CO3		×	×																																	
BTS-04	भारतीय संस्कृति –पर्यटन का परिदृश्य																																			

पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)**CO1** भारतीय संस्कृति के विविध ऐतिहासिक पक्षों की जानकारी।**CO2** भारतीय सामाजिक संरचना के ऐतिहासिक आयामों की जानकारी।**CO3** भारतीय कला, संगीत नृत्य तथा रंगमंच के विविध आयामों की जानकारी।**CO4** हड़प्पा सभ्यता के विभिन्न पुरास्थलों के सांस्कृतिक महत्व की जानकारी।**CO5** जनजातियों के ऐतिहासिक, धार्मिक तथा सांस्कृतिक महत्व की जानकारी।**Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1			×		
CO2					×
CO3		×	×		×
CO4					
CO5					

BTS-05**पारस्थितिकी, पर्यावरण एवं पर्यटन****पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)****CO1.** पर्यावरण तथा पारस्थितिकी के पर्यटन उद्योग पर पड़ने वाले प्रभावों की जानकारी।**CO2** भारतीय दर्शन तथा चिन्तन परम्परा में पर्यावरण के महत्ता की जानकारी।**CO3** पर्यावरण के प्रति जनसामान्य की भूमिका तथा पर्यटन से पर्यावरण को होने वाले खतरों के विभिन्न कारकों के विषय में जानकारी।**Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1				×	
CO2					×
CO3				×	

BTS-06**पर्यटन विपणन****पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)****CO1.** पर्यटन विपणन में प्रौद्योगिकी की भूमिका की जानकारी।**CO2.** पर्यटन विपणन में वितरण प्रणाली तथा परिवहनों के विविध साधनों की जानकारी।**CO3.** पर्यटन विपणन में ट्रेवल एजेंसी तथा टूर आपरेटर की भूमिका की जानकारी।**Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1		×			
CO2		×		×	
CO3		×			

BTS-07**बौद्ध धर्म का परिचय एवं बौद्ध धर्म के मुख्य तीर्थ स्थानों का वर्णन**

पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)**CO1.** बौद्ध धर्म के प्रारम्भिक इतिहास की जानकारी।**CO2** बुद्ध के प्रमुख सिद्धान्तों तथा बोधिसत्व की अवधारणा की जानकारी।**CO3** बौद्ध धर्म के विभिन्न सम्प्रदायों की जानकारी।**CO4** विदेशों में बौद्ध धर्म के विस्तार की जानकारी।**CO5** विभिन्न राजवंशों के काल में बौद्ध धर्म की स्थिति की जानकारी।**Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1			×	×	×
CO2			×		×
CO3			×		×
CO4		×	×		×
CO5			×		×

BTS-08 उत्तर प्रदेश के महत्वपूर्ण धार्मिक स्थानों का परिचय, महत्व और वर्णन**पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)****CO1.** हिन्दू धर्म से सम्बन्धित विभिन्न धार्मिक स्थलों के विषय में जानकारी।**CO2** बौद्ध धर्म से विभिन्न धार्मिक तथा ऐतिहासिक स्थलों की जानकारी।**Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1			×		×
CO2			×		×

BTS-09 पर्यटन का उद्भव एवं विकास**पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)****CO1.** पर्यटन के उद्भव तथा विकास के विभिन्न आयामों की जानकारी।**CO2** पर्यटन उद्योग के विभिन्न अवयवों तथा सामाजिक, आर्थिक एवं पर्यावरणीय प्रभावों की जानकारी।**CO3** पर्यटन उद्योग की सम्भावनाओं तथा समस्याओं के विविध के आयामों की जानकारी।**CO4** पर्यटन में गाइड, तथा टूर आपरेटर की भूमिका की जानकारी।**Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×	×			
CO2		×			
CO3		×			
CO4		×			×

BTS-10 सांस्कृतिक पर्यटन

पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)**CO1** सांस्कृतिक पर्यटन के विविध पक्षों की जानकारी प्रदान करना।**CO2** राजस्थान के थार संस्कृति के महत्व की जानकारी।**CO3** तीर्थाटन की परम्परा के धार्मिक महत्व के सम्बन्ध में जानकारी प्रदान करना।**CO4** राजस्थान के विभिन्न संग्रहालयों के ऐतिहासिक महत्व की जानकारी प्रदान करना।**Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1		×	×		×
CO2			×		
CO3			×		×
CO4					×

BTS-11**हिन्दू धर्म के आध्यात्मिक केन्द्र****पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)****CO1** हिन्दू धर्म के आध्यात्मिक एवं धार्मिक आस्था के केन्द्रों की महत्ता की जानकारी।**CO2** काशी के धार्मिक महत्व की जानकारी प्रदान करना।**Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1			×		×
CO2			×		×

BTS-12**जैन धर्म एवं बौद्ध धर्म के धार्मिक एवं आध्यात्मिक स्थल****पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)****CO1.** जैन धर्म के महत्वपूर्ण स्थलों के धार्मिक महत्व की जानकारी प्रदान करना।**CO2.** बौद्ध धर्म महत्वपूर्ण स्थलों के धार्मिक महत्व की जानकारी प्रदान करना।**Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1			×		×
CO2			×		×

BTS-13**सिक्ख एवं इस्लाम धर्म में धार्मिक आध्यात्मिक स्थल****पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)****CO1** भारत में सिक्ख धर्म के धार्मिक तथा आध्यात्मिक स्थलों के महत्व के विषय में जानकारी प्रदान करना।**CO2** भारत में इस्लाम धर्म सम्बन्धित विभिन्न धार्मिक स्थलों की जानकारी प्रदान करना।**Mapping of CO to PO**

Course	Programme Outcome (PO)
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	Outcomes	PO1	PO2	PO3	PO4	PO5
	CO1			×		×
	CO2			×		×

Course Outcomes

B.A.S.T.-01	व्यावसायिक संगठन					
पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)						
CO1 व्यवसाय के विविध आयामों की जानकारी।						
CO2 व्यवसाय में विपणन की महत्ता की जानकारी।						
Mapping of CO to PO						
	Course Outcomes	Programme Outcome (PO)				
		PO1	PO2	PO3	PO4	PO5
	CO1	×				
	CO2					
B.A.S.T.-02	भारत में समाज					
पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)						
CO1. भारतीय सामाजिक संरचना की जानकारी।						
CO2. समाज में धर्म की महत्ता की जानकारी।						
Mapping of CO to PO						
	Course Outcomes	Programme Outcome (PO)				
		PO1	PO2	PO3	PO4	PO5
	CO1	×	×			
	CO2	×	×			
B.A.S.T.-03	समाज एवं धर्म					
पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)						
CO1 धर्म से सम्बन्धित विभिन्न आयामों की जानकारी।						
CO2 भारतीय संस्कृति एवं धर्म के अन्तर सम्बन्ध की जानकारी।						
Mapping of CO to PO						
	Course Outcomes	Programme Outcome (PO)				
		PO1	PO2	PO3	PO4	PO5
	CO1	×	×			
	CO2	×	×			

**स्नातकोत्तर कार्यक्रम
(Post Graduate Programme)
इतिहास (MAHY)**

परिचय—इतिहास विषय में स्नातकोत्तर कार्यक्रम उच्च शिक्षा एवं रोजगार प्राप्त करने हेतु शिक्षार्थियों एवं अध्येताओं के लिए अवसर उपलब्ध कराता है। इसके साथ ही साथ सेवारत शिक्षको, कर्मचारियों एवं अन्य सस्थानों एवं संगठनों से सम्बन्धित जिज्ञासु व्यक्ति भी जो इस क्षेत्र में इतिहास के सम्बन्ध में ज्ञानवर्धन करना चाहते हैं, अध्ययन कर सकते हैं। उक्त कार्यक्रम में प्रवेश हेतु स्नातक उत्तीर्ण कोई भी शिक्षार्थी अध्ययन कर सकता है। इससे शिक्षार्थियों को अपने अतीत की गौरवशाली भारतीय संस्कृति को सम्यक ढंग से समझने के साथ ही तत्कालीन समग्र परिवर्तित परिस्थितियों तथा इतिहास—लेखन के विभिन्न आयामों की जानकारी प्राप्त होगी।

उद्देश्य—

- शिक्षार्थी इसके अध्ययन से नवीन साक्ष्यों के आलोक में अतीत से उत्तर प्राप्त कर समाज के समक्ष प्रस्तुत करता है।
- शिक्षार्थी को भविष्य में व्यक्ति, राष्ट्र तथा वैश्विक समुदाय कैसे विकसित हो, इसके अध्ययन से सहायता मिलती है।
- इतिहास सामाजिक, राजनीतिक, आर्थिक, सांस्कृतिक तथा अन्य पक्षों को जानने तथा समझने में सहायता करता है।
- इतिहास व्यक्ति तथा समाज को दिशा एवं दशा निर्धारित करने का मार्गदर्शन करता है।

न्यूनतम अवधि— 02 वर्ष

पाठ्यक्रम शुल्क— 7200/-

अध्ययन का माध्यम—हिन्दी

प्रवेश हेतु अर्हता—स्नातक (10+2+3)

अधिकतम अवधि— 04 वर्ष

उम्र बाध्यता— कोई नहीं

कार्यक्रम निष्कर्ष (Programme Outcome)

- **PO1.** शिक्षार्थी को विश्व इतिहास में घटित घटनाओं से परिचित कराना। साथ ही तत्कालीन सामाजिक, आर्थिक राजनीतिक तथा सांस्कृतिक पक्षों से परिचित कराना।
- **PO2** इतिहास के स्वरूप, वैज्ञानिक समझ तथा समाज विज्ञान के अन्य विषयों की समझ, विषय की सामग्री एवं इतिहास लेखन के विविध पक्षों से परिचित कराना।
- **PO3.** प्राचीन भारत के राजनीतिक, आर्थिक, सामाजिक तथा सांस्कृतिक पक्षों से परिचित कराना।
- **PO4** मध्यकालीन भारत के राजनीतिक, आर्थिक, सामाजिक तथा सांस्कृतिक पक्षों से परिचित कराना।
- **PO5.** आधुनिक भारत के राजनीतिक, आर्थिक, सामाजिक तथा सांस्कृतिक पक्षों से परिचित कराना।

Course Outcomes

MAHY-01	प्राचीन एवं मध्यकालीन समाज																																													
पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)																																														
CO1 अध्येताओं को यूरोपीय सामन्तवाद के विभिन्न आयामों एवं उसके प्रभावों की जानकारी प्रदान करना।																																														
CO2 यूरोपीय में 18 वीं सदी में कृषि व्यवस्था, उद्योग तथा व्यापार वाणिज्य की जानकारी प्रदान करना।																																														
CO3 यूरोप में संवैधानिक, धार्मिक एवं बौद्धिक जीवन तथा औद्योगिक क्रान्ति के सम्बन्ध में जानकारी प्रदान करना।																																														
CO4 फ्रांस की क्रान्ति एवं नेपोलियन का प्रारुभाव उसका वैश्विक प्रभावों की जानकारी प्रदान करना।																																														
CO5 रूस की अर्थव्यवस्था के विविध आयामों, अमेरिकी स्वतंत्रता संग्राम एवं अमेरिकी क्रान्ति की जानकारी प्रदान करना।																																														
Mapping of CO to PO																																														
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CO2	×	×																																												
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CO4	×																																													
CO5	×																																													
MAHY-02	विश्व इतिहास																																													
पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)																																														
CO1. विश्व इतिहास के विभिन्न आयामों एवं उसके प्रभावों की जानकारी प्रदान करना।																																														
CO2. राष्ट्रवाद तथा पूंजीवाद के उपरान्त वैश्विक प्रभावों की जानकारी प्रदान करना।																																														
CO3 महात्मा गाँधी का विश्व इतिहास में योगदान तथा वैश्विक क्षितिज पर उसके प्रभाव।																																														
CO4 समाजवाद, साम्यवाद तथा नाजीवाद के प्रभावों की जानकारी।																																														
CO5 प्रथम विश्व युद्ध के उपरान्त की स्थिति का मूल्यांकन।																																														
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Course Outcomes	Programme Outcome (PO)																																													
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CO2	×	×																																												
CO3	×	×																																												
CO4	×																																													
CO5	×																																													
MAHY-03	इतिहास लेखन एवं दर्शन																																													
पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)																																														
CO1 इतिहास के विभिन्न आयामों एवं उसके विभिन्न अधिगमों की जानकारी प्रदान करना।																																														
CO2 इतिहास लेखन के विभिन्न विभिन्न आयामों की जानकारी प्रदान करना।																																														
CO3 विभिन्न वैदेशिक लेखकों के विवरण एवं संस्मरण के आधार पर भारतीय इतिहास की जानकारी।																																														
CO4 अनेक यूरोपीय इतिहासकारों का भारतीय इतिहास एवं संस्कृति के प्रति दृष्टिकोण एवं लेखन की जानकारी।																																														

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×	×			
CO2	×	×			
CO3	×	×	×	×	×
CO4		×			

MAHY-04 भारत में धार्मिक विचारधारा एवं आस्था

पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)

CO1 भारतीय धार्मिक परम्परा के विभिन्न आयामों का अनुशीलन।

CO2 भारत में प्रचलित विभिन्न धार्मिक सम्प्रदायों की जानकारी।

CO3 धर्म, परम्परा, विज्ञान आदि के अन्तरविषयक जानकारी।

CO4 श्रमण संस्कृति के संवाहक बौद्ध धर्म एवं जैन धर्म के विषय में सम्यक जानकारी।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1		×	×	×	×
CO2		×			×
CO3		×			×
CO4					

MAHY-05 भारतीय पारस्थितिकी एवं पर्यावरण का इतिहास

पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)

CO1 पर्यावरण के विभिन्न आयामों की अनुशीलन।

CO2 प्राकृतिक संसाधनों की जानकारी।

CO3 मानव जनसंख्या एवं पर्यावरण के सम्बन्धों की जानकारी।

CO4 भारत में लोहे की प्राचीनता के साथ विभिन्न प्रचलित पात्र परम्परा की जानकारी।

CO5 आद्य ऐतिहासिक काल से सम्बन्धित विभिन्न पुरास्थलों की जानकारी।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×				
CO2	×				
CO3	×				×

CO4			×		
CO5			×		

MAHY-06

भारतीय राजनैतिक संरचना

पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)

- CO1.** प्राचीन भारतीय राज्य के विभिन्न आयामों की जानकारी।
CO2 भारत में हुए विभिन्न आन्दोलनों के कारणों एवं प्रभावों की जानकारी।
CO3 भक्ति आन्दोलन एवं सूफीवाद के प्रभावों की जानकारी।
CO4 ब्रिटिश काल में भारत की आर्थिक स्थिति की जानकारी।
CO5 उत्तर प्रदेश में हुए किसान आन्दोलन के कारणों एवं प्रभावों की जानकारी।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1			×		
CO2		×			×
CO3				×	×
CO4					×
CO5					×

MAHY-07

भारतीय अर्थव्यवस्था का इतिहास

पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)

- CO1.** प्राचीन भारत के सामाजिक तथा आर्थिक इतिहास की जानकारी।
CO2 मध्यकालीन भारत के सामाजिक तथा आर्थिक इतिहास की जानकारी।
CO3 आधुनिक काल में भारत की आर्थिक स्थिति की जानकारी।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1		×	×		
CO2		×		×	
CO3		×			×

MAHY-08

आदिकाल के भारतीय सामाजिक संरचना का क्रमिक विकास

पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)**CO1.** प्राचीन भारतीय सामाजिक संरचना के विषय में जानकारी।**CO2** वैदिक काल के विभिन्न आयामों की जानकारी।**CO3** बौद्ध धर्म की उत्पत्ति के कारणों की जानकारी।**CO4** सल्तनत काल की केन्द्रीय स्थिति की जानकारी।**CO5** दक्षिण भारत की संस्कृति की जानकारी।**CO6** आर्यों की उत्पत्ति विषयक सिद्धान्तों की जानकारी**Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1		×	×		
CO2		×	×		
CO3	×	×	×		
CO4		×		×	
CO5		×		×	
CO6			×		

MAHY-09**प्लासी से विभाजन तक : आधुनिक भारत का इतिहास****पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)****CO1.** 18वीं शताब्दी की विभिन्न स्थितियों की जानकारी।**CO2** राष्ट्रवाद के उद्भव के विभिन्न आयामों की जानकारी।**CO3** भारतीय राजनीति में मुस्लिम लीग के उद्भव के विभिन्न आयामों की जानकारी।**CO4** भारतीय राजनीति में गाँधी के योगदान की जानकारी।**CO5** भारत छोड़ो आन्दोलन के प्रभावों की जानकारी।**Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1					×
CO2		×			×
CO3					×
CO4	×				×
CO5					×

MAHY-10**पर्यटन उद्भव एवं विकास****पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)****CO1.** पर्यटन के उद्भव एवं विकास के विभिन्न घटकों की जानकारी।**CO2** पर्यटन उद्योग की सम्भावनाओं एवं विभिन्न समस्याओं की जानकारी।**CO3** पर्यटन संगठन एवं उसके विभिन्न स्वरूपों की जानकारी।**CO4** पर्यटन में गाइड एवं मागदर्शन की भूमिका की जानकारी।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1					
CO2			×		×
CO3					×
CO4			×		

स्नातकोत्तर कार्यक्रम

राजनीति विज्ञान (MAPS)

प्रस्तावना— राजनीतिक विज्ञान का उद्भव अत्यन्त प्राचीन है। यूनानी विचारक अरस्तु को राजनीति विज्ञान का पितामह कहा जाता है। यूनानी चिन्तन में प्लेटो का आदर्शवाद एवं अरस्तु का बुद्धिवाद समाहित है। राजनीति शास्त्र या राजनीति विज्ञान अत्यन्त प्राचीन विषय है। प्रारम्भ में इसे स्वतन्त्र विषय के रूप में नहीं स्वीकारा गया। राजनीति विज्ञान का अध्ययन नीतिशास्त्र, दर्शनशास्त्र, इतिहास एवं विधि शास्त्र आदि की अवधारणाओं के आधार पर ही करने की परम्परा थी। आधुनिक समय में इसे न केवल स्वतन्त्र विषय के रूप में स्वीकारा गया अपितु विकसित सामाजिक विज्ञानों के सन्दर्भ में इसका पर्याप्त विकास भी हुआ। राजनीति विज्ञान का अध्ययन आज के सन्दर्भ में पहले की अपेक्षा एक ओर जहां अत्याधिक महत्वपूर्ण है वहीं दूसरी ओर वह अत्यधिक जटिल भी है। राजनीति विज्ञान अध्ययन का एक विस्तृत विषय है राजनीति विज्ञान में ये अनेक तथ्य शामिल हैं— राजनीतिक चिन्तन, राजनीतिक सिद्धान्त, संस्थागत या संरचनात्मक ढांचा, तुलनात्मक राजनीति, लोक प्रशासन, अन्तर्राष्ट्रीय कानून और संगठन आदि।

उद्देश्य—

1. अन्तर्राष्ट्रीय विधि की अवधारणा तथा अर्वाचीन राजनीतिक चिन्तन के बारे में जानेंगे।
2. अन्तर्राष्ट्रीय राजनीति तथा भारतीय पुनर्जागरण का उदारवादी दृष्टिकोण के बारे में जानेंगे।
3. पाश्चात्य राजनीतिक चिन्तन का इतिहास तथा भारतीय राजनीति के बारे में जानेंगे।
4. लोक प्रशासन तथा तुलनात्मक राजनीति की अवधारणा एवं उपागम के बारे में जानेंगे।
5. प्राचीन भारतीय और पाश्चात्य राजनीतिक चिन्तन के इतिहास के विषय में जानेंगे।

कार्यक्रम कोड—201 कार्यक्रम की अवधि—न्यूनतम—02 वर्ष अधिकतम—4 वर्ष
कार्यक्रम का माध्यम—हिन्दी
कार्यक्रम शुल्क—7200/-
प्रवेश हेतु अर्हता— स्नातक उम्र— कोई बाध्यता नहीं

कार्यक्रम का निष्कर्ष(PO)

- PO1**यूनानी राजनीतिक दर्शन, चिन्तन तथा प्राचीन भारतीय राजनीतिक चिन्तन के अध्ययन के विभिन्न उपागम के बारे में जानेंगे।
- PO2**..तुलनात्मक राजनीति उपयोगितावाद और वैज्ञानिक उदारवाद और विकासवादी तथा क्रान्तिकारी समाजवाद के बारे में जानेंगे।
- PO3**.भारतीय राजनीतिक व्यवस्था, लोक प्रशासन का विकास, सिद्धान्त और नवीन लोक प्रशासन के बारे में जानेंगे।
- PO4**.आधुनिक भारतीय राजनीतिक चिन्तन, आदर्शवादी दृष्टिकोण, समाजवादी एवं साम्यवादी चिन्तन और गांधी चिन्तन के बारे में जानेंगे।
- PO5**.अन्तर्राष्ट्रीय राजनीति के स्वरूप और उपागम, अन्तर्राष्ट्रीय विधि और प्रत्यक्षवाद तथा राजनीतिक सिद्धान्त के बारे में जानेंगे।

MAPS-01 (पाश्चात्य राजनीतिक चिन्तन का इतिहास : प्लेटो से बर्क तक)

पाठ्यक्रम का निष्कर्ष (CO)

CO1 यूनानी राजनीतिक दर्शन में प्लेटो, अरस्तु तथा अरस्तु कालीन विचार धाराओं के बारे में जानेंगे।

CO2 रोमन एवं मध्ययुगीन राजनीतिक चिन्तन के बारे में जानेंगे।

CO3 आधुनिक राजनीतिक चिन्तन में पुनर्जागरण काल में मैकियावली तथा जीन बोदा के बारे में जानेंगे।

CO4 सामाजिक संविदावादियों में हॉब्स, जान लॉक तथा रूसों के बारे में जानेंगे।

CO5 बुद्धिवाद के विरुद्ध मांटेस्क्यू, डेविस ह्यूम तथा बर्क की प्रतिक्रिया के बारे में जानेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01	*			*	
CO-02	*				
CO-03				*	
CO-04		*			
CO-05		*			

MAPS-02 (प्राचीन भारतीय राजनीतिक चिन्तन)

पाठ्यक्रम का निष्कर्ष (CO)

CO1 प्राचीन भारतीय ये राजनीतिक चिन्तन की अवधारणा, गणतन्त्र एवं दक्षिण भारत की राजनीतिक संस्थाओं के बारे में जानेंगे।

CO2 मनुस्मृति में प्रतिपादित राजनीतिक एवं सामाजिक सिद्धान्त के बारे में जानें।

CO3 महाभारत में वर्णित राजनीतिक एवं सामाजिक सिद्धान्त और वर्णाश्रम व्यवस्था का अध्ययन करेंगे।

CO4 कौटिल्य के विचार, मण्डल सिद्धान्त, प्रशासनिक संगठन तथा गुप्तचर व्यवस्था का अध्ययन करेंगे।

CO5 शुक्रनीति का राजस्व, मन्त्रिपरिषद, कोष, सेना और कामंदक के राजत्व सम्बन्धी विचार के बारे में जानेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01	*			*	
CO-02	*				
CO-03	*				
CO-04	*				
CO-05	•				

MAPS-03 (तुलनात्मक राजनीति)

पाठ्यक्रम का निष्कर्ष (CO)

CO1 तुलनात्मक राजनीति की अवधारणा और उपागम के बारे में जानेंगे।

CO2 व्यवस्था विश्लेषण, संरचनात्मक-क्रियात्मक विश्लेषण और मार्क्सवादी विश्लेषण के बारे में जानेंगे।

CO3 राजनीतिक विकास, सम्प्रेषण और राजनीतिक सहभागिता के बारे में जानेंगे।

CO4 राजनीतिक संस्थायें तथा संरचनाओं के बारे में जानेंगे।

CO5 शासन के विविध रूप संसदीय, अध्यक्षतात्मक, एकात्मक, संरचनात्मक, प्रजातन्त्र और तानाशाही के बारे में अध्ययन करेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01	*				
CO-02		*			
CO-03					

CO-04				*	
CO-05					

MAPS-04 (लोक प्रशासन)

पाठ्यक्रम का निष्कर्ष (CO)

CO1 लोक प्रशासन का अर्थ, परिभाषा, प्रकृति, क्षेत्र, विकास के कारण एवं नवीन लोक प्रशासन के बारे में जानकारी प्राप्त करेंगे।

CO2 वैज्ञानिक प्रबन्ध एवं नौकरशाही के सिद्धान्त के बारे में अध्ययन करेंगे।

CO3 लोक प्रशासन के सिद्धान्त – पदसोपान, आदर्श की एकता, प्रशासनिक व्यवहार के बारे में महत्वपूर्ण जानकारी प्राप्त होगी।

CO4 विकास प्रशासन का अर्थ, स्वरूप और क्षेत्र के बारे में जानेंगे।

CO5 प्रशासन पर नियंत्रण की आवश्यकता एवं महत्व के बारे में जानेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01			•		
CO-02			•		
CO-03			•		
CO-04			•		
CO-05			•		

MAPS-05 (पाश्चात्य राजनीतिक चिन्तन का इतिहास :बेन्थम से माओ तक)

पाठ्यक्रम का निष्कर्ष (CO)

CO1 उपयोगितावाद और वैज्ञानिक उदारवाद में बेथम, जे०एस०मिल० तथा स्पेन्सर के बारे में ज्ञान प्राप्त होगा।

CO2 प्रत्ययवादी दार्शनिक काण्ट, हीगल तथा टी०एच० ग्रीन के बारे में जानेंगे।

CO3 मनोवैज्ञानिक सम्प्रदाय वाल्टर वेजहॉट, ग्राहम वैलास तथा मैकडूगल के बारे में जानेंगे।

CO4 मार्क्सवादी विचारक-लेलिन, माओ तथा कार्ल मार्क्स के बारे में जानेंगे।

CO5 विकासवादी तथा क्रान्तिकारी समाजवाद के सिद्धान्त के बारे में जानेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01		*			
CO-02					
CO-03					
CO-04		*			
CO-05		*			

MAPS-06 (भारतीय शासन एवं राजनीति)

पाठ्यक्रम का निष्कर्ष- (CO)

CO1 भारतीय राजनीतिक व्यवस्था का एक संक्षिप्त परिचय के रूप में अध्ययन करेंगे।

CO2 भारत के संवैधानिक विकास के बारे में जानेंगे।

CO3 संघीय शासन में राष्ट्रपति, प्रधानमंत्री तथा संसद के बारे में महत्वपूर्ण जानकारी प्राप्त होगी।

CO4 भारत में विभिन्न राजनीति दलों के बारे में जानेंगे।

CO5 भारतीय राजनीति में उभरती हुई समस्याओं के बारे में जानेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01			•		
CO-02			•		
CO-03			•		

CO-04			•		
CO-05			•		

MAPS-07 (आधुनिक भारतीय राजनीतिक चिन्तन)

पाठ्यक्रम का निष्कर्ष--(CO)

CO1 भारतीय पुनर्जागरण और उदारवादी दृष्टिकोण में राजाराम मोहन राय, रानाडे और गोखले के बारे में जानेंगे।

CO2 आदर्शवादी दृष्टिकोण में तिलक, अरविन्द घोष तथा रवीन्द्रनाथ टैगोर के बारे में जानेंगे।

CO3 गाँधी चिन्तन में गाँधी के राजनीतिक, धार्मिक, आर्थिक, सामाजिक और नैतिक विचारों को जानेंगे।

CO4 सर्वोदय दर्शन, नेहरू, अम्बेडकर और राजर्षि पुरुषोत्तम दास टण्डन के बारे में जानेंगे।

CO5 समाजवादी और साम्यवादी चिन्तन के बारे में जानेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01				*	
CO-02				*	
CO-03				*	
CO-04				*	
CO-05		•			

MAPS-08 (अन्तर्राष्ट्रीय सम्बन्ध)

पाठ्यक्रम का निष्कर्ष--(CO)

CO1 अन्तर्राष्ट्रीय राजनीति के स्वरूप और उपागम के बारे में जानेंगे।

CO2 अन्तर्राष्ट्रीय राजनीति की मूल अवधारणाओं के बारे में जानेंगे।

CO3 शक्ति के परिसीमन में शक्ति सन्तुलन, सामुहिक सुरक्षा और निशस्त्रीकरण के बारे में जानेंगे।

CO4 अन्तर्राष्ट्रीय राजनीति के विभिन्न आयामों के बारे में जानेंगे।

CO5 विश्व के प्रमुख देशों की विदेश नीति एवं भारत के बारे में अध्ययन करेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01					•
CO-02					•
CO-03					
CO-04					•
CO-05					•

MAPS-09 (अन्तर्राष्ट्रीय विधि)

पाठ्यक्रम का निष्कर्ष--(CO)

CO1 अन्तर्राष्ट्रीय विधि की अवधारणा के बारे में जानेंगे।

CO2 शक्ति की विधि **I** में राष्ट्रीय प्रत्यर्पण एवं हस्तक्षेप तथा राजनयिक प्रतिनिधि के बारे में जानेंगे।

CO3 शक्ति की विधि **II** में संधि विधि, विवादों का निपटारा तथा अन्तर्राष्ट्रीय संरक्षण के बारे में जानेंगे।

CO4 युद्ध के नियम, स्थल युद्ध, बन्दी युद्ध के बारे में जानकारी प्राप्त करेंगे।

CO5 तटस्थता क्या है तथा तटस्थ राज्यों के अधिकार एवं कर्तव्यों के बारे में जानेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01					•
CO-02					•
CO-03					•
CO-04					
CO-05					

MAPS-10 (अर्वाचीन राजनीतिक चिन्तन)

पाठ्यक्रम का निष्कर्ष—(CO)

CO1 प्रत्यक्षवाद और राजनीतिक सिद्धान्त के बारे में अध्ययन करेंगे।

CO2 नव मार्क्सवादी सिद्धान्त में हैबर मास, ग्राम्सी तथा हर्बर्ट मार्क्यूज के बारे में जानेंगे।

CO3 नव-चिरसम्मत राजनीतिक सिद्धान्त के बारे में जानेंगे।

CO4 उदारवादी और इच्छा स्वातंत्रवादी राजनीतिक सिद्धान्त के बारे में जानेंगे।

CO5 समुदायवाद और उत्तर आधुनिक राजनीतिक सिद्धान्त के बारे में जानेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01					•
CO-02					
CO-03	•				
CO-04					
CO-05					

कार्यक्रम का निष्कर्ष / CO

1. संयुक्त राष्ट्र मानवाधिकार घोषणा पत्र— इतिहास, महत्व और उद्देश्य के बारे में अध्ययन करेंगे।
2. विकास, लोकतंत्र, अंतरराष्ट्रीय सम्बन्ध, राज्य, संप्रभुता, शिक्षा तथा सूचना के अधिकार के बारे में अध्ययन करेंगे।
3. असहाय मानव समूह, आतंकवाद और रूढ़िवाद के बारे में अध्ययन करेंगे।
4. विभिन्न गैर सरकारी संगठन और मानवाधिकार के बारे में अध्ययन करेंगे।
5. उपनिवेशवाद, राष्ट्रीय आंदोलन और मानव संरक्षण प्रक्रम के बारे में अध्ययन करेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01	*	*		*	
CO-02	*	*		*	
CO-03	*	*		*	

CO-04	*	*		*	
CO-05				*	*

PG in Social Work

Introduction:

Social work is an academic discipline and [profession](#) that concerns itself with individuals, [families](#), [groups](#) and [communities](#) in an effort to enhance social functioning and overall well-being. Social functioning is the way in which people perform their [social roles](#), and the structural institutions that are provided to sustain them. Social work applies [social sciences](#), such as [sociology](#), [psychology](#), [political science](#), [public health](#), [community development](#), [law](#), and [economics](#), to engage with client [systems](#), conduct assessments, and develop interventions to solve social and personal problems; and to bring about [social change](#). Social work practice is often divided into micro-work, which involves working directly with individuals or small groups; and macro-work, which involves working with communities, and - within social policy - fostering change on a larger scale.

SOCIAL WORK PROGRAM OBJECTIVES:

1. To assist with students' development of understanding and integration of social work theories and practice.
2. To develop student's professional social work values and ethics.
3. For students to apply systems concepts to practice across the micro and macro continuum.
4. For students to demonstrate constructive critical thinking skills.
5. To allow students to demonstrate an understanding of social work concepts and the planned changed process based in systems theory.
6. Provide opportunities for students to serve in social work settings.
7. For students to develop the ability to communicate effectively and professionally in oral and written formats.
8. To assist students with their professional development and professional identity.
9. Students will develop and understanding of working with people of diversity; including age, race, ethnicity, religion, and sexual orientation without discrimination.
10. Assist students with an understanding of working toward social justice and advocacy.
11. Provide students an opportunity to demonstrate an understanding of a bio-psycho-social-spiritual assessment.
12. Expose students to the history, current realities, and future implications of social welfare system with regard to the local and global continuum.
13. Integrate Christian beliefs and values with professional social work values and ethics as set forth in the code of ethics.

Course Structure

Year/o" kZ	Paper No.	Course Code	Title of Course	Credits	Compulsory/El ective
Compulsory Core Course					
First Year	5156	MASW-01	Social Work Theory And Practice	8	Compulsory
	5157	MASW-02	Social Work and Indian Social Structure	8	Compulsory
	5158	MASW-03	Methods of Social Work	8	Compulsory

Discipline-Centric Elective Course						
25001 or 5160		MASW-04 or MASW-05	Labour Welfare And Humen Resourse Management or Social Policy,Planning & Development		8 or 8	Elective
Open Elective Course (Other Disciplines)						
5049 or 5062		MASY-05 or MAPS-02	Sociology of Development or Ancient Indian Political Thought		8 or 8	Elective
First Year Total Credits				40		
Compulsory Core Course						
5161		MASW-06	Social Research & Statistics		8	Compulsory
5162		MASW-07	Community Organization		8	Compulsory
5163		MASW-08	Personality & Abnormal Behaviour		8	Compulsory
Discipline Centric Elective Course						
5164 or 25002		MASW-09 or MASW-10	Communication and Counselling OR Family Welfare And Child Welfare		8 or 8	Elective
Open Elective Course (Other Discipline)						
5054 or 5067		MASY-10 or MAPS-07	Criminology and Penology or Modern Indian Political Thoughts		8 or 8	Elective
Compulsory Foundation Course						
2703		PGFHR	Human Rights and Dutys		non credit	Compulsory
Second Year Total Credits				40		
Total Progame Credits				80		

Programme Code : 201

Programme : Minimum : 2 Maximu : 4

Duration (in yrs.) : 2 m : 4

Medium of : Hindi

Programme Fee Per : 7000+100

Instruction

Year :-

Minimum : Three years Assignment Work : Essential
Qualification for Bachelor
Admission Degree

Programme outcomes [PO]

The program outcomes describe the knowledge and the abilities gained by M.S.W. students at the end of program studies. The learner uses his /her knowledge and the abilities---

PO1-To conceive the concepts, principles and theories related to human development and social development in the field of different social domains such as women, children, disadvantaged group, etc.

PO2- To implement the concepts, principles and theories related to social work in the field of different social domains such as women, children, disadvantaged group, etc.

PO3-To solve social issues based on the principles and theories.

PO4-To administer and manage the organizations related to social work.

PO5- To analyse and implement Legal issues in resolving with social issues.

PO6-To provide guidance and Counseling to the target individual/group/community

PO7-To conduct research studies.

(MASW – 01- (Social Work – Theory & Practice)

Block-1-Meaning of social work and scope

Unit-1- Meaning of social work and objective

Unit-2- importance of social work &scope

Unit-3 Voluntary work

Unit-4 Value of social work

Unit-5 philosophy of social work

Unit-6 Multy culturalism

Block-2- social work and different concept

Unit 7 social work and social welfare

Unit 8 social work and social services

Unit 9 social work and social reform

Unit 10 social work and social policy

Unit 12 interrelationship social work and feminisem

Unit 13 modernization and post modernization in social work

Block-3-History of social work in india

Unit 14 social work in ancient,med and modern concept in india

Unit 15social work education in india

Unit 16 social work as a profession in india
 Unit 17 institutional development of social services
 Unit 18 concept of welfare state

Block-4-history of social work in other country

Unit 19 Historical development of social work in ingland
 Unit 20 social reform and charity organisation
 Unit 21 social security and reform in america
 Unit 22 Historical development social work in America

Block-5- Indian constitution and social security

Unit 23 -welfare concept in Indian constitution
 Unit 24 role of NGO
 Unit 25 role of trust and community organisation
 Unit 26 Human rights and social justice

Block-6- Social work as a profession

Unit 27 Meaning of Profession and characteristics
 Unit 28 social work as a Profession
 Unit 29 social work as a Profession in india
 Unit -30 Professional awerwness

Course outcomes[co]

Co 1- This course introduces students to social work practice through an exploration of the history, philosophical foundation, and theoretical perspectives of the profession of social work.

Co2-This includes a review of the relevant codes of ethics and practice standards that guide practitioners and an overview of the roles in which social workers become involved.

Co3-This course also examines the social structures influencing people's lives and how various sources and forms of oppression and marginalization impact the lives of people in Canadian society.

<u>course outcomes</u>	<u>programme outcomes[po]</u>						
	po1	po2	po3	po4	po5	po6	po7
co1	x	x	x				
co2	x	x	x				
co3	x	x	x				

Block-1- Indian society and social work

Unit 1 intrrelationship between social work and social scienc

Unit 2 characteristics of Indian culture

Unit 3 social organisation

Unit 4 social structure and functions

Block-2- Indian culture and social work

Unit 5 Indian socity –diversity and unity

Unit 6 Indian culture-religon

Unit 7 cast and group

Unit 8 Indian culture- modernization

Block-3- social work and social institution

Unit 9 social institution- meaning and characteristics

Unit 10 types of social institution-marriage,family

Unit 11 economic and political institution

Unit 12 communalism

Unit13 Social change

Unit 14 Social Deviance

Unit 15 Recent Social Changes

Block-4- social work and classification

Unit 16 concept of social welfare and development

Unit 17 welfare state and socity

Unit 18 welfare programme in weekar section

Unit 19 women empowerment

Unit 20 social welfare in NGOs Administration

Block-5- social work Administration

Unit 21 social work Administration

Unit 22 types of social work Administration

Unit 23 social work Administration and evulation

Unit 24 Budget Maintenance

Block-6- institutional social welfare

Unit 25 socity registration act

Unit 26 chartable trust act

Unit 27 Cash Benefit Analysis

Unit 28 public relation

Unit 29 Social Marketing

Unit 30 collective social responsibilities

Course outcomes[co]

CO1-Understand the concepts of society and culture.

CO2- Critically understand the concept, content and process of social development.

CO3-Develop the capacity to identify linkages between social needs, problems development issues and policies.

CO4- Locate strategies and skills necessary for social development and re- enforce values of social justice gender justice and equality.

<u>course outcomes</u>	<u>programme outcomes[po]</u>						
	po1	po2	po3	po4	po5	po6	po7
co1	x	x	x				x
co2	x	x	x				x
co3	x	x	x				x
co4	x	x	x				x

MASW -03- (Methods of Social Work)

Block-1-social group work

Unit 1 characteristics of social groups

Unit 2 types of social groups

Unit 3 social group work meaning and objectives

Unit 4 social group work Principles

Unit 5 group formation

Block-2- social group work and planning

Unit 6 social group work- function and planning

Unit 7 social group work- social result

Unit 8 social group work- writing evaluation

Unit 9 group leadership and development role of group worker

Unit 10 role of group worker

Block-3- social group work and change

Unit 11 concept of social group work

Unit 12 Principles of social change

Unit 13 social group and social control

Unit 14 social control and role of social worker

Block-4- social case work

- Unit 15 social case work-meaning and characteristics
- Unit 16 social case work components-[person,place,problem,process
- Unit 17 Principles of social case work scope of social case work
- Unit 18 scope of social case work
- Unit 19clint worker relationship
- Unit 20 writing in social case work

Block-5 process of social case work

- Unit 21process of social case work
- Unit 22 social diagnocis and treatment
- Unit 23 social case work and evloution
- Unit 24 Home Visit
- Unit 25 Resource Mobilization
- Unit 26Referral

Block-6- social work and profeslisim

- Unit 27 role of social case work in personalty development
- Unit 28 role of social case worker
- Unit 29 social case work and social adjustment
- Unit 30 social case work and modern technique

Course outcomes[co]

- Co1-To understand and solve the internal problems of the individuals
- co2-To strengthen his ego power
- co3-Remediation of problems in social functioning
- co4- Prevention of problems in social functioning
- co5- Development of resources to enhance social functioning.

<u>course</u> <u>outcomes</u>	<u>programme outcomes[po]</u>						
	po1	po2	po3	po4	po5	po6	po7
co1	x	x	x				
co2	x	x	x				
co3	x	x	x				
co4	x	x	x				
co5	x	x	x				

MASW-04-Labour welfare and human recourse management

Block-1-Trade union

- Unit 1 objective of trade union
- Unit 2 trade union leadership
- Unit 3 function of trade union
- Unit 4 principle of trade union
- Unit 5 - historical development of trade union

Block-2- industrial relationship

- Unit 6 concept of industrial relationship
- Unit 7 objective of industrial relationship
- Unit 8 Importance of industrial relationship
- Unit 9 effective causes of industrial relationship
- Unit 10 industrial disturbance

Block-3-Labour welfare

- Unit 11 concept of labour welfare
- Unit 12 Philosophy of labour welfare
- Unit 13 Principle of labour welfare
- Unit 14 Programme of labour welfare in India
- Unit 15 labour welfare policy in India

Block-4- collective bargaining

- Unit 16 concept of collective bargaining of labour welfare
- Unit 17- objective of collective bargaining
- Unit 18 Types of collective bargaining
- Unit 19 objective of Participative Management

Block-5- Human recourse management

- Unit 20 concept of Human recourse management
- Unit 21 Principle of Human recourse management
- Unit 22 labour power selection and
- Unit 23 training, promotion, transfer
- Unit 24 salary management

Block-6-Act

- Unit 25 Industrial dispute Act 1947
- Unit 26 Industrial employment act 1946

- Unit 27 Trade union Act 1926
- Unit 28 Accident and insurance act 1963
- Unit 29 Maternity Facility act 1961

Course outcomes[co]

CO1: The students will be enriched with the basic conceptual orientation on various Social Work concepts required for their better practice.

CO2: The students will be enriched with various techniques, skills, approaches and model of Social Work practice which expands the employment opportunities.

CO3: The students will have the knowledge and capacity to establish their own business.

CO4: The students will become a good human being in the society with Good Human Values, Ethics and Principles and have a concern over the society

CO5: The students will have a diverse Technical Knowledge on Acts and Legislation related to Social, Industrial and Psychiatric for better service, Advocacy & Employment.

<u>course outcomes</u>	<u>programme outcomes[po]</u>						
	po1	po2	po3	po4	po5	po6	po7
co1	x	x			x		x
co2	x	x			x		x
co3	x	x			x		x
co4	x	x			x		x
co5	x	x			x		x

MASW -05- (Social Policy, Planning & Development)

Block-1- concept and process of social Policy

- Unit 1 concept and process of social Policy-meaning, objective and scope
- Unit 2 interrelationship between Policy, planning and development
- Unit 3 Indian constitution and social policy
- Unit 4 International declarations and social policy
- Unit 5 approaches and types of social policy
- Unit 6 social policy making process

Block-2- social policy

- Unit 7 social policy and social welfare
- Unit 8 social welfare policy-women, child youth policy
- Unit 9 health family welfare and population policy

Block-3- social planning

- Unit 10 _concept of social planning, objective and types
- Unit 11 planning difference between social and economic planning
- Unit 12 social planning process in india
- Unit 13 planning factors of affecting social planning

Block-4- planning and Five years plans

- Unit 14 Five years plans and social planning
- Unit 15 public participation in social planning
- Unit 16 social planning,development and social change
- Unit 17 limitations of social planning in india
- Unit 18 Unit socio-cultural barriers in the implementation and social planning

Block-5- social development

- Unit 19 social development-cocept,objective and types
- Unit 20 social process of social development
- Unit 21 social positive and negative aspects of social development
- Unit 22 Sustainabl development
- Unit 23 indicators of social development
- Unit 24 social development assessment
- Unit 25 social movement and social

Block-6- ideology of social development

- Unit 26 changes in political economy and social order
- Unit 27 human resources development programme in india
- Unit 28 United nation contribution in social development
- Unit 29 social development ideology-gandhi,vinoba jaiprakash
- Unit 30 social development and planinning

Course outcomes[co]

CO1-A foundation of knowledge, skills, ethics and values essential for work with individuals, families, groups, communities and organizations

CO2-A concentration that prepares students for advanced practice in clinical social work or social work administration, planning and policy practice in a range of settings

CO3-To apply the profession's values and ethical principles

CO4-The implications of diversity by through education on identifying cultural strengths and ways to counteract individual and institutional prejudice, oppression and discrimination

CO5-To use research methods to analyze and critically evaluate professional practice, programs and service delivery systems

CO6-Advocacy and involvement in advocacy to affect social and economic justice

<u>course</u> <u>outcomes</u>	<u>programme outcomes[po]</u>						
	po1	po2	po3	po4	po5	po6	po7
co1				x	x	x	x
co2				x	x	x	x
co3				x	x	x	x
co4				x	x	x	x
co5				x	x	x	x
co6				x	x	x	x

MASW -06(Social Research & Statistics)(MASW -06)

Block-1 Social Research concept and nature-

- Unit 1 Social Research –meaning and
- Unit 2 concept and nature
- Unit 3 Scope of social Research
- Unit 4 Steps of social Research
- Unit 5 social Research and social work research

Block-2- process of social research

- Unit 6 determination of problem and subject
- Unit 7 Research design & meaning and types
- Unit 8 hypothesis meaning and needs
- Unit 9 sources of hypothesis
- Unit 10- sampling
- Unit 11 types of sampling

Block-3- sampling fact collection and analysis

- Unit 12 types of facts
- Unit 13 sources of facta collection
- Unit 14 survey goals and features
- Unit 15 procedures of collecting facts- questionnaire, observation, interview, schedule, case study
- Unit 16 Mesearment & Scaling
- Unit 17 classification and analysis of deta

Block-4- statistical experimant

- Unit 18 statics- meaning and limitations
- Unit 19 use of statics n social work
- Unit 20 statics mean, median, mode
- Unit 21 use of computer

Unit 22 Measures of Correlation

Block-5- Research report

Unit 23- Research report outline

Unit 24- types of Research report

Unit 25- subject matter of Research report

Unit 26 - use and presentation of references

Block-6- Research publication

Unit 27 importance and use of publication of Research report

Unit 28 publication of Research report in related problems

Unit 29 types of publication of Research report

Unit 30 modern form of research publication

Course outcomes[co]

CO1-To know the meaning, definition and purpose of social work research.

CO2-To understand the concept of social research and its relationship with social work research.

CO3-To understand the meaning nature and characteristics of scientific method. -To cognize the purpose and steps in research process.

CO4-To know about the concepts and how they are operationalised

CO5-To understand the variables and their types.

<u>course</u> <u>outcomes</u>	<u>programme outcomes[po]</u>						
	po1	po2	po3	po4	po5	po6	po7
co1				x	x	x	x
co2				x	x	x	x
co3				x	x	x	x
co4				x	x	x	x
co5				x	x	x	x

MASW -07(Community Organization

Block-1- Community and community Organization

Unit 1 Community- meaning and characteristics

Unit 2 types of Community Organization

Unit 3 objective and meaning of Community_Organization

Unit 4 nature of community_Organization

Block-2- principles and function Community Organization

Unit 5 principles of Community Organization

Unit 6 function of Community Organization

Unit- 7 skills of Community Organization

Unit 8 steps of Community Organization

Block-3- process of Community Organization

Unit 9 problem identification in community[PRA technology]

Unit 10 process of Community Organization

Unit 11 human management in community organization

Unit 12 community organization and social resources management

Block-4- community organization strategies

Unit 13 community organization strategies

Unit 14 approaches of community organization

Unit 15 community organization and networking

Unit 16 role of social worker in community organization

Block-5- social action

Unit 17 social action- concept and objective

Unit 18 characteristics of social action-

Unit 19 steps of social action-

Unit 20 social action and social work-

Unit 21 social action and movement-

Unit 22 role of social worker in social action-

Block-6- strategies of social action

Unit 23 methods of social action

Unit 24 strategies of social action

Unit 25 social action and pressuer

Unit 26 social action and various

Unit 27 social action social community

Unit 28 limits of mass community management

Unit 29 social action and social

Unit 30 social action and law in order

Course outcomes[co]

CO1-understanding the context of macro practice;

CO2-identifying community and organizational interventions to address social needs and problems;

CO3-organizing and building relationships within communities and organizations;

CO4-organization-based and community-based policy making, planning, and program development.

<u>course</u> <u>outcomes</u>	<u>programme outcomes[po]</u>						
	po1	po2	po3	po4	po5	po6	po7
co1				x	x		
co2				x	x		
co3				x	x		
co4				x	x		

MASW -08 (Personality & Abnormal Behaviour)

)

Block-1- Personality –meaning,steps and principles

Unit 1 personality-meaning and characteristics

Unit 2 types and determination of personality

Unit 3 stages of personality development in the Indian context

Unit 4- inheritance and environment

Unit 5 theory of personality- sigmend fryed, culle, attorank

Block-2- personality development

Unit 6 emotions

Unit 7 personality articulation and socialization

Unit 8 motivation

Unit 9 learning

Unit 10 prejudice

Unit 11 attitude

Unit 12 believe

Unit 13 conservatism

Block-3human behavior

Unit 14 human behavior-concept and characteristics

Unit 15 stages of personality development and problems of human behavior

Unit 16 concept of adjustment characteristics and result

Unit 17 concept and types of leadership types of leadership

Unit 18 types of leadership

Block-4-normal and abnormal behavior

Unit 19 normal and abnormal behaviour- concept and differences

- Unit 20 symptoms of abnormal behavior
- Unit 21 causes of abnormal behavior
- Unit 22 types of abnormal behavior
- Unit 23 manage mental imbalance

Block-5-Mental instability

- Unit 24 introverted personality
- Unit 25 extroverted personality
- Unit 26 inconsistent fear
- Unit 27 mania and depression
- Unit 28 management of mental emotions

Block-6-physical and mental deformities

- Unit 29 psychotic disorders
- Unit 30 personality and character distortions of psychosis
- Unit 31 mental retardation
- Unit 32 sexual development and sexual deformities
- Unit 33 psychotherapy

Course outcomes[co]

- CO1-We use affect, behavior, and cognition to help us successfully interact with others.
- CO2-Social cognition refers to our thoughts about and interpretations of ourselves and other people. Over time, we develop schemas and attitudes to help us better understand and more successfully interact with others.
- CO3-Affect refers to the feelings that we experience as part of life and includes both moods and emotions.
- CO4-Social behavior is influenced by principles of reciprocal altruism and social exchange.

<u>course outcomes</u>	<u>programme outcomes[po]</u>						
	po1	po2	po3	po4	po5	po6	po7
co1				x	x	x	
co2				x	x	x	
co3				x	x	x	
co4				x	x	x	

Block-1- communication

- Unit 1 Communication- concept and characteristics
- Unit 2 Communication- steps and methods
- Unit 3 limits of communication
- Unit 4 Communication formate
- Unit 5 principles of communication

Block-2- types of communication

- Unit 6 Formal & Informal Communication
- Unit 7 oral and written communication
- Unit 8 direct and indirect communication
- Unit 9 modern means of communication

Block-3- characteristics and media

- Unit 10 media representation and documentation
- Unit 11 use of media in social work
- Unit 12 media strategies in social work
- Unit 13 media system of institutional programmes
- Unit 14 media media tages of organized even organized ts
- Unit 15 types of organized programmes

Block-4- organized social work and counseling

- Unit 16 counselling- needs and meaning
- Unit 17 goels and principles of counseling
- Unit 18 counselling- steps and methodology
- Unit 19 types of counselling
- Unit 20 approaches of counselling
- Unit 21 role of social work in social work counselling

Block-5- psychological testing and counselling

- Unit 22 psychological testing and diagnosis
- Unit 23 needs of psychological testing
- Unit 24 types of psychological testing
- Unit 25 pre-preparation of counselling
- Unit 26 family and marriage counselling
- Unit 27 group counselling
- Unit 28 government and non government counselling

Block-6- counsellor problems and modern dimensions

- Unit 29 contemporary issues of counsellors
- Unit 30 modern dimensions of counselling

Course outcomes[co]

- CO1-Stronger decision-making and problem-solving
- CO2-Upturn in productivity
- CO3-Convincing and compelling corporate materials
- CO4-Clearer, more streamlined workflow
- CO5-Enhanced professional image
- CO6-Sound business relationships

<u>course</u> <u>outcomes</u>	<u>programme outcomes[po]</u>						
	po1	po2	po3	po4	po5	po6	po7
co1				x	x	x	x
co2				x	x	x	x
co3				x	x	x	x
co4				x	x	x	x
co5				x	x	x	x
co6				x	x	x	x

MASW-10-family welfare and child development

Block-1- counsellor status and development of women

- Unit1 historical background of the status of women in india
- Unit 2 development and empowerment of women
- Unit 3 women policy
- Unit 4 programmes related of women development
- Unit 5 gender discrimination

Block-2- problems related to women

- Unit 6 dowry system
- Unit 7 domestic violence
- Unit 8 kidnapping and exploitation
- Unit9 status of women workers
- Unit 10family counselling canter

Block-3-prohibitio legal probisons related to women

- Unit 11dowry prohibition act
- Unit 12 immoral traffking act
- Unit 13prohibitio sati act

Unit 14 domestic violence act

Block-4-prohibitio child development

Unit 15 concept of child development

Unit 16 steps of child development

Unit 17 special child development - needs and problems

Unit 18 special child services

Unit 19 child development programme and services

Block-5- prohibitio legal probisons related to child

Unit 20 international declarations of child development

Unit 21 child development prohibition act

Unit 22 child labor prohibition act

Unit 23 child gender screening prohibition act

Course outcomes[co]

CO1-Child welfare social workers protect vulnerable youth and help disadvantaged families in meeting the needs of their children.

CO2- Some of their core responsibilities include responding to cases of child abuse and neglect;

CO3-removing children from home settings that are dangerous or which do not meet certain standards; working with children and their families on a reunification plan in collaboration with child dependency courts;

CO4-supporting parents in meeting the needs of their children (through resource connections and navigation services, therapy and advising, and other services); and arranging for the short and long-term care of children whose families are unable to take care of them.

<u>course</u> <u>outcomes</u>	<u>programme outcomes[po]</u>						
	po1	po2	po3	po4	po5	po6	po7
co1				x	x	x	x
co2				x	x	x	x
co3				x	x	x	x
co4				x	x	x	x
co5				x	x	x	x
co6				x	x	x	x

Master of Arts in Sociology (MASY)

Introduction-

Of the various social sciences, sociology seems to be the youngest. It is gradually developing. Still it has remarkable progress. Its uses are recognized widely today. In modern times, there is a growing realization of the importance of the scientific study of social phenomena. Sociology studies society in a scientific way. Before the emergence of sociology, there was no systematic and scientific attempt to study human society with all its complexities. Sociology has made it possible to study society in a scientific manner. This scientific knowledge about human society is needed in order to achieve progress in various fields.

Sociology throws more light on the social nature of man. Sociology evolves deep into the social nature of man. It tells us why man is a social animal, why he lives in groups, communities and societies. It examines the relationship between individual and society, the impact of society on man and other matters. Sociology has drawn our attention to the intrinsic worth and dignity of man. Sociology has been greatly responsible in changing our attitudes towards fellow human beings. It has made people to become too lenient and patient towards others. It has minimized the mental distance and reduced the gap between different peoples and communities.

Sociology is of great practical help in the sense; it keeps us up-to date on modern social situations and developments. Sociology makes us to become more alert towards the changes and developments that take place around us. As a result, we come to know about our changed roles and expectations and responsibilities.

Sociology asks the big questions and examines connections within society. We live in a world where big changes happen on a daily basis and by studying Sociology we can start to explore why some of these changes take place and what the implications are for the rest of our world. Studying Sociology at UPRTOU provides the space to approach these wider issues. The course allows students to ask and answer these big questions in an open and appreciative environment.

Objectives :

- To understand the basic concepts, language, and theories of sociology.
- To provide education and knowledge of Sociology through various means suited to the open distance education mode.
- To provide higher education about Sociology to large sections of the population, particularly to the disadvantaged segments of society.
- To promote national integration and strengthen the natural and human resources of the country through the distance mode of education.

- To become familiar with the strategies sociologists use to study human society.

Minimum Duration: 02 years

Maximum Duration: 4 Years

Course Fee: 7000+200

Age: No bar

Medium of Instruction: Hindi

Eligibility: Three Years Bachelor Degree

Programme Outcomes (PO):

- **PO1-** Graduates will have an ability to demonstrate knowledge of core sociological concepts and demonstrate knowledge of how to use theory to conceptualize a sociological problem.
- **PO2-** Graduates will have an ability apply sociological knowledge to new problem/social issues and develop the knowledge, skills, and attitudes necessary to be engaged members of the community.
- **PO3 -**Graduates will be able to integrate sociological theory, research and data in order to assess social policy. Demonstrate understanding of how inequality/stratification mitigates/sustains crime and deviance.
- **PO4-** Graduates will have the skill explain the sociological perspective, broadly defined ,use sociological theory to explain social problems and issues and demonstrate the utility of the sociological perspective for their lives.
- **PO5-** Graduates will demonstrate skills identify and apply specific sociological terms and concepts. Explain how various social locations such as class, race, gender, age and sexuality are vital to the study of sociology and apply them to specific sociological topics.

Course Outcomes

MASY- 01	Indian Social Thought					
COURSE OUTCOMES						
CO1- To familiarise the students with the emergence and growth of sociology in India.						
CO2- The contributions made by various sociologists to the understanding of different aspects of Indian social institutions and social processes.						
CO3 - Familiar with Indian Sociology and Neo-Sociology discourse.						
CO4 - The Student will know about the thoughts of Manu, Kautilya and Shri Arvind.						
CO5- Familiar with the thoughts of Mahatma Gandhi, Jai Praksh Narayan and Acharya Narendra Dev.						
Mapping of CO to PO						
	Course Outcomes	Programme Outcome (PO)				
		PO1	PO2	PO3	PO4	PO5
	CO1	×			×	×

CO2	×			×	×
CO3	×			×	×
CO4	×			×	×
CO5	×			×	×

MASY-02 | Western Social Thought

COURSE OUTCOMES

- CO1-** To familiarise the students with the emergence and growth of sociology in Western.
CO2- The Student will know about the concepts and thoughts of Herbert Spenser and Vilfred Pareto.
CO3- Familiar with the Concept, thoughts and Theories of Karl Marx, Durkhiem & Max Weber.

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×	×			×
CO2	×	×			×
CO3	×	×			×

MASY-03 | Social Research and Statistics

COURSE OUTCOMES

- CO1 -** To expose the learners to the fundamentals of research method, techniques so that they understand the nature of social reality concerns in social research.
CO2- To provide the learners conceptual understanding of techniques of research methods along with the perspective or orientation (methodology) that governs research.
CO3- Discribe the key concepts, constructs and statistical techniques.

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×		×		×
CO2	×		×		×
CO3	×		×		×

MASY - 04 | Indian Society : Continuity and Change

COURSE OUTCOMES

- CO1-** Familiar with the Philosophical base of Hindu Society.
CO2- The contributions made by various sociologists to the understanding of different aspects of Indian social institutions(Varna, Jati and Class) and social processes.
CO3- To provide the learners conceptual understanding of Indian Society : Continuity and Change.

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×	×	×		
CO2	×	×	×		
CO3	×	×	×		

MASY-05 | Sociology of development**COURSE OUTCOMES**

CO1 - To develop a sociological understanding of the processes of development.

CO2- To formulate a socio-economic critique of these processes and delineate alternatives as evolved through experiences.

CO3 - The relevance of conventional concepts and perspectives on development, emergence of alternative dimensions, concepts and practices are examined both in specific and generality

CO4- In the context of globalisation, paradigm shift in development strategy, the-emergence of civil society actors as development practitioners, resurgence of the grass root assertion for development processes have been widely examined both from the view points of planner, practitioners and the people at large.

CO5- Familiar with the concept of Social Change and development.

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×		×		×
CO2	×		×		×
CO3	×		×		×
CO4	×		×		×
CO5	×		×		×

MASY-06 | Social Planning and development: Indian Perspective**COURSE OUTCOMES**

CO1- To develop a sociological understanding of Concept of Social Planning, Origin and development.

CO2- To familiarise the students with the Policy Planning and development in India.

CO3- To provide the learners conceptual understanding of Concept of Welfare State, Origin and development.

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×	×	×		
CO2	×	×	×		
CO3	×	×	×		

MASY-07	Advance Sociological Theory																													
<p>COURSE OUTCOMES</p> <p>CO1- To acquaint the students with both the fundamental and advanced sociological concepts and theories by way of introducing sociological theories through basic concepts.</p> <p>CO2- To provide an interpretative and historical understanding of a concept or a theory but also to explain the relevance of the concept in daily life.</p> <p>CO3- To familiarise the students with the Symbolic Intractionism, Phenomenology, ethenomthedology, Sociology of knowledge,Modernism and Post- Modernism.</p> <p>Mapping of CO to PO</p> <table border="1"> <thead> <tr> <th rowspan="2">Course Outcomes</th> <th colspan="5">Programme Outcome (PO)</th> </tr> <tr> <th>PO1</th> <th>PO2</th> <th>PO3</th> <th>PO4</th> <th>PO5</th> </tr> </thead> <tbody> <tr> <td>CO1</td> <td>×</td> <td></td> <td>×</td> <td>×</td> <td></td> </tr> <tr> <td>CO2</td> <td>×</td> <td></td> <td>×</td> <td>×</td> <td></td> </tr> <tr> <td>CO3</td> <td>×</td> <td></td> <td>×</td> <td>×</td> <td></td> </tr> </tbody> </table>		Course Outcomes	Programme Outcome (PO)					PO1	PO2	PO3	PO4	PO5	CO1	×		×	×		CO2	×		×	×		CO3	×		×	×	
Course Outcomes	Programme Outcome (PO)																													
	PO1	PO2	PO3	PO4	PO5																									
CO1	×		×	×																										
CO2	×		×	×																										
CO3	×		×	×																										
MASY-08	Rural Society in India																													
<p>COURSE OUTCOMES</p> <p>CO1 - To develop a sociological understanding of Concept of Rural Social Strucuture and Rural Social Institutions.</p> <p>CO2- To provide the learners conceptual understanding of Planned Change in Rural Society</p> <p>CO3- To familiarise the students with the Agrarian Movement and Globalization.</p> <p>Mapping of CO to PO</p> <table border="1"> <thead> <tr> <th rowspan="2">Course Outcomes</th> <th colspan="5">Programme Outcome (PO)</th> </tr> <tr> <th>PO1</th> <th>PO2</th> <th>PO3</th> <th>PO4</th> <th>PO5</th> </tr> </thead> <tbody> <tr> <td>CO1</td> <td>×</td> <td></td> <td>×</td> <td></td> <td>×</td> </tr> <tr> <td>CO2</td> <td>×</td> <td></td> <td>×</td> <td></td> <td>×</td> </tr> <tr> <td>CO3</td> <td>×</td> <td></td> <td>×</td> <td></td> <td>×</td> </tr> </tbody> </table>		Course Outcomes	Programme Outcome (PO)					PO1	PO2	PO3	PO4	PO5	CO1	×		×		×	CO2	×		×		×	CO3	×		×		×
Course Outcomes	Programme Outcome (PO)																													
	PO1	PO2	PO3	PO4	PO5																									
CO1	×		×		×																									
CO2	×		×		×																									
CO3	×		×		×																									
MASY-09	Urban Society in India																													
<p>CO1- To help the learners to get a deep rooted knowledge about urban sociology, its growth and development in India.</p> <p>CO2- Urbanisation as an enduring social process is an outcome of human growth and civilisation.</p> <p>CO3- To develop a sociological understanding of Theoretical aspect of Urban Sociology.</p> <p>Mapping of CO to PO</p> <table border="1"> <thead> <tr> <th rowspan="2">Course Outcomes</th> <th colspan="5">Programme Outcome (PO)</th> </tr> <tr> <th>PO1</th> <th>PO2</th> <th>PO3</th> <th>PO4</th> <th>PO5</th> </tr> </thead> <tbody> <tr> <td>CO1</td> <td>×</td> <td></td> <td></td> <td>×</td> <td>×</td> </tr> <tr> <td>CO2</td> <td>×</td> <td></td> <td></td> <td>×</td> <td>×</td> </tr> <tr> <td>CO3</td> <td>×</td> <td></td> <td></td> <td>×</td> <td>×</td> </tr> </tbody> </table>		Course Outcomes	Programme Outcome (PO)					PO1	PO2	PO3	PO4	PO5	CO1	×			×	×	CO2	×			×	×	CO3	×			×	×
Course Outcomes	Programme Outcome (PO)																													
	PO1	PO2	PO3	PO4	PO5																									
CO1	×			×	×																									
CO2	×			×	×																									
CO3	×			×	×																									

MASY-10

Criminology and Penology

COURSE OUTCOMES

CO1- To provide the learners conceptual understanding of Nature and Concept Criminology.

CO2- To help the learners to get a deep rooted knowledge about Classical and Neo-Classical thoughts of Crime.

CO3- To familiarise the students with the the concept of Prision, Crime Control and Human Rights.

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×	×		×	
CO2	×	×		×	
CO3	×	×		×	

स्नातक कार्यक्रम
(Under Graduate Programme)
इतिहास (UGHY)

परिचय—इतिहास मात्र अतीत का अध्ययन नहीं है बल्कि वह वर्तमान तथा भविष्य पर प्रकाश डालता है। इससे समकालीन सामाजिक सच्चाई को समझने में सहायता मिलती है। स्नातक स्तर पर इतिहास विषय का अध्ययन करने वाले शिक्षार्थियों को अतीत घटनाओं के आधार पर भविष्य हेतु यह विषय मार्गदर्शन करता है। यह कार्यक्रम उन शिक्षार्थियों के लिए अवसर उपलब्ध कराता है जो इस विषय या क्षेत्र में कार्य करना चाहते हैं। इण्टरमीडियट उत्तीर्ण कोई भी शिक्षार्थी इसका अध्ययन करने के साथ ही रोजगार के अवसर प्राप्त कर सकता है एवं अपने अतीत की गौरवशाली भारतीय संस्कृति को सम्यक ढंग से समझने के साथ ही तत्कालीन समग्र परिवर्तित परिस्थितियों का ज्ञान प्राप्त कर सकता है।

उद्देश्य

- इस कार्यक्रम का उद्देश्य शिक्षार्थी को उच्च शिक्षा प्राप्त करने हेतु तैयार करना।
- यह कार्यक्रम स्नातक स्तर अध्ययन करने वाले शिक्षार्थी को कौशल प्रदान करने के साथ ही रोजगार हेतु निर्णय लेने की विश्लेषणात्मक क्षमता प्रदान करता है।
- स्नातक इतिहास विषय के अध्ययन से शिक्षार्थी सामाजिक, राजनीतिक, धार्मिक, आर्थिक तथा सांस्कृतिक पक्षों को जानने तथा समझने में जानकारी प्राप्त करता है।
- इतिहास बोध व्यक्ति तथा समाज को दिशा एवं दशा निर्धारित करने हेतु मार्गदर्शन प्रदान करता है।

न्यूनतम अवधि—03 वर्ष

पाठ्यक्रम शुल्क— 3700/-

अध्ययन का माध्यम— हिन्दी/अंग्रेजी

प्रवेश हेतु अर्हता—इण्टरमीडियट (10+2)

अधिकतम अवधि—06 वर्ष

उम्र बाध्यता— कोई नहीं

कार्यक्रम निष्कर्ष (Programme Outcomes)

- **PO1.** प्राचीन भारतीय इतिहास के सभ्यता, संस्कृति, राजनीति एवं प्राकृतिक विशेषताओं से शिक्षार्थियों को परिचित कराना।
- **PO2.** मध्यकालीन भारतीय इतिहास के सामाजिक, सांस्कृतिक, आर्थिक एवं राजनीतिक घटनाओं से शिक्षार्थियों का ज्ञानवर्धन करना।
- **PO3.** आधुनिक भारतीय इतिहास के राष्ट्रीय आन्दोलन, सामाजिक, सांस्कृतिक, आर्थिक एवं राजनीतिक घटनाओं से शिक्षार्थियों का ज्ञानवर्धन करना।
- **PO4.** यूरोपीय इतिहास के राजनीतिक, आर्थिक, सामाजिक पक्षों से परिचित कराना।
- **PO5.** विश्व इतिहास में हुए विभिन्न परिवर्तनों एवं उसके प्रभावों की जानकारी।

Course Outcomes

UGHY-01	आधुनिक भारत (1857–1964)																																									
पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES) CO1 19वीं सदी में राष्ट्रीय चेतना के उद्भव के कारणों तथा प्रभावों की जानकारी। CO2 औपनिवेशिक काल में भारत की स्थिति की जानकारी प्रदान करना। CO3 1857 के विद्रोह के कारणों एवं उसके प्रभावों की जानकारी। CO4 प्रथम विश्व युद्ध के विभिन्न कारणों तथा प्रभावों की जानकारी। CO5 भारतीय राजनीति में गॉंधी के अवतरण तथा योगदान की जानकारी।																																										
Mapping of CO to PO <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2">Course Outcomes</th> <th colspan="5">Programme Outcome (PO)</th> </tr> <tr> <th>PO1</th> <th>PO2</th> <th>PO3</th> <th>PO4</th> <th>PO5</th> </tr> </thead> <tbody> <tr> <td>CO1</td> <td></td> <td></td> <td>×</td> <td></td> <td></td> </tr> <tr> <td>CO2</td> <td></td> <td></td> <td>×</td> <td>×</td> <td></td> </tr> <tr> <td>CO3</td> <td></td> <td></td> <td>×</td> <td></td> <td></td> </tr> <tr> <td>CO4</td> <td></td> <td></td> <td>×</td> <td>×</td> <td></td> </tr> <tr> <td>CO5</td> <td></td> <td></td> <td>×</td> <td>×</td> <td></td> </tr> </tbody> </table>		Course Outcomes	Programme Outcome (PO)					PO1	PO2	PO3	PO4	PO5	CO1			×			CO2			×	×		CO3			×			CO4			×	×		CO5			×	×	
Course Outcomes	Programme Outcome (PO)																																									
	PO1	PO2	PO3	PO4	PO5																																					
CO1			×																																							
CO2			×	×																																						
CO3			×																																							
CO4			×	×																																						
CO5			×	×																																						
UGHY-02	भारत : 8वीं सदी से 15वीं सदी तक																																									
पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES) CO1. 8–15वीं सदी की सांस्कृतिक गतिविधियों की जानकारी। CO2. विभिन्न सांस्कृतिक परम्पराओं की जानकारी। CO3 दक्षिण भारत की संस्कृति के विभिन्न पक्षों की जानकारी। CO4 दिल्ली सल्तनत के विभिन्न आयामों की जानकारी। CO5 सूफी आन्दोलन तथा विभिन्न भाषाओं एवं साहित्य के विषय में जानकारी।																																										
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Course Outcomes	Programme Outcome (PO)																																									
	PO1	PO2	PO3	PO4	PO5																																					
CO1	×	×																																								
CO2	×	×																																								
CO3		×																																								
CO4		×																																								
CO5		×																																								
UGHY-03	भारत : 16वीं से 18वीं शताब्दी के मध्य तक																																									
पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES) CO1 मध्य एवं पश्चिम एशिया में राजनीतिक संगठनों एवं उसके विभिन्न आयामों की जानकारी। CO2 मुगल साम्राज्य के विकास-क्रम की जानकारी। CO3 विभिन्न क्षेत्रीय शक्तियों के उदय के कारणों एवं उसके प्रभावों की जानकारी। CO4 विभिन्न प्रचलित क्षेत्रीय भाषाओं, साहित्यों कला शैली तथा विभिन्न तकनीकी के विषय में जानकारी।																																										

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1		×	×		
CO2		×	×		
CO3		×	×		
CO4		×	×		

UGHY-04

भारत : प्राचीन काल से 8वीं सदी ईस्वी

पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)

CO1 भारतीय इतिहास पर भौगोलिक प्रभावों की जानकारी।

CO2 प्रागैतिहासिक सस्कृतियों के विभिन्न आयामों की जानकारी।

CO3 छठी शताब्दी ई.पू.में हुए अनेक परिवर्तनों के कारणों तथा प्रभावों की जानकारी।

CO4 पूर्व मध्यकाल में हुए अनेक परिवर्तनों के कारणों तथा प्रभावों की जानकारी।

CO5-गुप्तकाल भारतीय इतिहास का स्वर्णकाल माना जाता है। इसके विभिन्न पक्षों की जानकारी।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×				
CO2	×				
CO3	×				
CO4	×	×			
CO5	×				

UGHY-05

भारत: 18 वीं शताब्दी के मध्य से 19 वीं शताब्दी के मध्य तक

पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)

CO1 18 वीं शताब्दी के मध्य की भारतीय राजनीति के विभिन्न आयामों की जानकारी।

CO2 18 भारतीय राजनीति में विभिन्न परिवर्तनों एवं उसके प्रभावों की जानकारी।

CO3 18 वीं सदी में भारतीय राजनीति में विभिन्न विचारधारओं एवं उसके प्रभावों की जानकारी।

CO4 18 वीं शताब्दी के भारतीय राजनीति में हुए विभिन्न आन्दोलनों एवं उसके प्रभावों की जानकारी।

CO5-भारतीय स्वतन्त्रता आन्दोलन में विभिन्न प्रतिक्रियाओं की जानकारी।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)					
	PO1	PO2	PO3	PO4	PO5	PO6
CO1		×				
CO2		×	×			

CO3	×			×	×	
CO4	×	×				
CO5	×					

UGHY-06 चीन और जापान का इतिहास (1840–1949)

पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)

CO1 चीन एवं जापान की राजनीति पारम्परिक अर्थव्यवस्था, धर्म एवं संस्कृति के विभिन्न पक्षों की जानकारी।

CO2 सामन्तवाद का पतन, जापान में आधुनिकीकरण एवं सुदृढीकरण के बारे में जानकारी।

CO3 चीन एवं जापान की क्रान्ति, राजनीतिक दलों का उदय तथा सैन्यवाद के बारे में जानकारी।

CO4 प्रथम विश्व युद्ध के आर्थिक परिणाम एवं विश्व पर उसके प्रभाव की जानकारी।

CO5-चीन में कम्युनिस्ट पार्टी के निर्माण तथा जापान के साथ हुए युद्धों के प्रभावों की जानकारी।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)					
	PO1	PO2	PO3	PO4	PO5	PO6
CO1		×				×
CO2	×		×	×		×
CO3	×	×			×	
CO4	×	×			×	
CO5	×					×

UGHY-07 आधुनिक यूरोप : 18वीं शताब्दी के मध्य से 20वीं शताब्दी के मध्य तक

पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)

CO1. आधुनिक यूरोप में हुए अनेक परिवर्तनों के कारणों तथा प्रभावों की जानकारी।

CO2 औद्योगिक पूँजीवाद एवं क्रान्ति के महत्वपूर्ण पक्षों की जानकारी।

CO3 18वीं सदी में फ्रांस तथा जर्मनी में हुए परिवर्तनों की जानकारी।

CO4 राष्ट्रवाद, पूँजीवाद के उदय के कारणों तथा प्रभावों की जानकारी।

CO5 समाजवाद तथा दो विश्वयुद्धों के कारणों एवं प्रभाव की जानकारी।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1				×	
CO2			×	×	
CO3				×	

UGSHY-03	भारतीय संस्कृति –पर्यटन का परिदृश्य
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	CO4			×	×	
	CO5			×	×	

Course Outcomes

पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)

- CO1** भारतीय संस्कृति के विविध ऐतिहासिक पक्षों की जानकारी।
CO2 भारतीय सामाजिक संरचना के ऐतिहासिक आयामों की जानकारी।
CO3 भारतीय कला, संगीत नृत्य तथा रंगमंच के विविध आयामों की जानकारी।
CO4 हड़प्पा सभ्यता के विभिन्न पुरास्थलों के सांस्कृतिक महत्व की जानकारी।
CO5 जनजातियों के ऐतिहासिक, धार्मिक तथा सांस्कृतिक महत्व की जानकारी।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1			×		
CO2					×
CO3		×	×		×
CO4					
CO5					

UGSHY-05 | **बौद्ध धर्म का परिचय एवं बौद्ध धर्म के मुख्य तीर्थ स्थानों का वर्णन****पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)**

- CO1.** बौद्ध धर्म के प्रारम्भिक इतिहास की जानकारी।
CO2 बुद्ध के प्रमुख सिद्धान्तों तथा बोधिसत्व की अवधारणा की जानकारी।
CO3 बौद्ध धर्म के विभिन्न सम्प्रदायों की जानकारी।
CO4 विदेशों में बौद्ध धर्म के विस्तार की जानकारी।
CO5 विभिन्न राजवंशों के काल में बौद्ध धर्म की स्थिति की जानकारी।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1			×	×	×
CO2			×		×
CO3			×		×
CO4		×	×		×
CO5			×		×

UGSHY-06 | **उत्तर प्रदेश के महत्वपूर्ण धार्मिक स्थानों का परिचय, महत्व और वर्णन****पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)**

- CO1.** हिन्दू धर्म से सम्बन्धित विभिन्न धार्मिक स्थलों के विषय में जानकारी।
CO2 बौद्ध धर्म से विभिन्न धार्मिक तथा ऐतिहासिक स्थलों की जानकारी।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1			×		×
CO2			×		×

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01	*				
CO-02		*			
CO-03			*		
CO-04				*	
CO-05					*

One year PG diploma programme[yearly]

Green social work

[PGDGSW]

Introduction

Green social work and related terms have been used widely to describe an approach to social work practice that is founded on ecological justice principles. However, practice applications of environmental social work are scant and there are various terms and a range of interpretations of the practice that exist. Using a concept analysis framework, we identify the attributes and characteristics of environmental social work, develop an operational definition and use a case study to illustrate the practice of environmental social work. In this way, we seek to improve clarity, consistency and understanding of environmental social work practice among educators, practitioners and researchers. In essence, environmental social work assists humanity to create and sustain a biodiverse planetary ecosystem and does this by adapting existing social work methods to promote societal change.

GREEN SOCIAL WORK PROGRAM OBJECTIVES:

- to foster clear awareness of, and concern about, economic, social, political, and ecological interdependence in urban and rural areas;
- to provide every person with opportunities to acquire the knowledge, values, attitudes, commitment, and skills needed to protect and improve the environment;
- to create new patterns of behavior of individuals, groups, and society as a whole towards the environment.

पाठ्यक्रम कोड एवं विवरण

Year	Paper No.	Course Code	Title of the Course/ पाठ्यक्रम का शीर्षक	Credits
One Year Course	6106	PGDGSW-01	concept of Green social work	8
	6107	PGDGSW-02	Environment and Green social work	8
	6108	PGDGSW-03	Community_Organization and Green social work	8
	6109	PGDGSW-04	legal probisions and Green social work	8
Total Credits				32

Programme outcomes [PO]

PO1-Awareness—to help social groups and individuals acquire an awareness and sensitivity to the total environment and its allied problems.

PO2-Knowledge—to help social groups and individuals gain a variety of experience in, and acquire a basic understanding of, the environment and its associated problems.

PO3-Attitudes—to help social groups and individuals acquire a set of values and feelings of concern for the environment and the motivation for actively participating in environmental improvement and protection.

PO4-Skills—to help social groups and individuals acquire the skills for identifying and solving environmental problems.

PO5-Participation—to provide social groups and individuals with an opportunity to be actively involved at all levels in working toward resolution of environmental problems.

PGDGSW-01

concept of Green social work

Block – 1

Green social work meaning and scope

Unit –1 introduction of green social work. Meaning and features

Unit –2 Green social work objective, importance and nature

Unit –3 value and scope of Green social work

Unit –4 philosophy of Green social work

Block – 2

Green social work and concept

Unit –1 Green social work and social welfare

Unit –2 Green social work and social services

Unit –3 Green social work and social reform

Unit –4 Green social work and environment protection

Block – 3

Green social work and professionalism

Unit –1 Green social work and various schemes

Unit –2 role of NGO in Green social work

Unit –3 green social work as a profession

Unit –4 need of awareness in green social work in india

Course outcomes[co]

SO1- Master core concepts and methods from ecological and physical sciences and their application in environmental problem solving.

SO2-Appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.

SO3-Understand the transnational character of environmental problems and ways of addressing them, including interactions across local to global scales.

SO4-Apply systems concepts and methodologies to analyze and understand interactions between social and environmental processes.

<u>course outcomes</u>	<u>programme outcomes[po]</u>				
	po1	po2	po3	po4	po5
co1	x	x	x	x	
co2	x	x	x	x	
co3	x	x	x	x	
co4	x	x	x	x	

PGDGSW-02

Environment and Green social work

Block – 1

Green social work and forest resources

- Unit –1 Indian forest states and historical background
- Unit –2 Green social work forest resources and its use
- Unit –3 misused of forest resources
- Unit –4 misused of forest resources and its effect of community
- Unit 5 misused of forest resources and its future effect

Block – 2

Green social work and water resources

- Unit –1 Green social work forest resources and its use
- Unit –2 misused of forest resources water resources
- Unit –3 Water conservation
- Unit –4 misused of water resources and its effect of community
- Unit –5 misused of Water resources and its future effect

Block – 3

Green social work and food conservation

- Unit –1 food production and food preservation
- Unit –2 effect of food on the use of food chemical substances
- Unit –3 effect of use of chemical substances on soil fertility
- Unit –4 effect of modern technology on farming

Unit –5 effect of green revolution

Course outcomes[co]

. SO1-Appreciate that one can apply systems concepts and methodologies to analyze and understand interactions between social and environmental processes.

SO2-Understand core concepts and methods from ecological and physical sciences and their application in environmental problem-solving.

SO3-Understand the transnational character of environmental problems and ways of addressing them, including interactions across local to global scales.

<u>course outcomes</u>	<u>programme outcomes[po]</u>				
	po1	po2	po3	po4	po5
co1	x	x	x		
co2	x	x	x		
co3	x	x	x		

PGDGSW-03

Community Organization and Green social work

Block – 1

role of Community Organization in Green social work

Unit –1 meaning and characteristics of Community Organization

Unit –2 role of Community Organization in Green social work

Unit –3 Community Organization strategies for green social work

Unit –4 Need for Community Organization in green social work

Block – 2

Population and environment

Unit –1 Impact of Population and environment

Unit –2 use of population and natural resources

Unit –3 environment_and human health

Unit –4 importance of environmental education

Unit –5 age based genital structure of india

Block – 3

Green social work and rehabilitation

Unit –1 development projects and displacement

Unit –2 environmental protection and rehabilitation

Unit –3 rehabilitation movements and rehabilitation policy

Unit –4 environmental restoration

Course outcomes[co]

SO1--Reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.

SO2-Demonstrate proficiency in quantitative methods, qualitative analysis, critical thinking, and written and oral communication needed to conduct high-level work as interdisciplinary scholars and/or practitioners.

SO3-Master core concepts and methods from economic, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions

<u>course outcomes</u>	<u>programme outcomes[po]</u>				
	po1	po2	po3	po4	po5
co1	x	x	x		
co2	x	x	x		
co3	x	x	x		

PGDGSW-04

legal probisons and Green social work

Environment and Indian constitution

Unit –1 Forest Conservation Act

Unit –2 Environment Protection Act

Unit –3 Water Prevention & Control of Pollution Act

Unit –4 Air Prevention & Control of Pollution Act

Block – 2

effect of Green social work and conservation

Unit-1 Wild life Prevention Act

Unit –2 Human rights and Environment

Unit –3 Environmen movement in india

Unit –4 rehabilitation Dependence of wild life on Environment

Block – 3

Green social work and disaster management

Unit –1 disaster management natural and man-made disasters

Unit –2 disaster management networking agencies in india

Unit 3 disaster management and information system

Course outcomes[co]

SO1-Appreciate key concepts from economic, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions.

SO2-Appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.

SO3Reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.

course outcomes	programme outcomes[po]				
	po1	po2	po3	po4	po5
co1		x	x	x	
co2		x	x	x	
co3		x	x	x	

गाँधी विचार एवं शांति अध्ययन (PGDGTS)

गाँधी विचार एवं शान्ति अध्ययन में स्नातकोत्तर डिप्लोमा (पी.जी.डी.जी.टी.एस.)
Post Graduate Diploma in Gandhian Thought and Peace Studies (PGDGTS)

पाठ्यक्रम कोड एवं विवरण

Year	Paper No.	Course Code	Title of the Course/ पाठ्यक्रम का शीर्षक	Credits
One Year Course	6136	PGDGTS-01	गाँधी : व्यक्तित्व का निर्माण	8
	6137	PGDGTS-02	गाँधी के सामाजिक-राजनैतिक विचार	8
	6138	PGDGTS-03	गाँधी दर्शन और मूल्य	8
	6139	PGDGTS-04	शान्ति एवं विवाद समाधान सत्याग्रह की प्रविधि	8
	6140	PGDGTS-05	गाँधी 21वीं शताब्दी में	8
Total Credits				40

कार्यक्रम का उद्देश्य/PO

पी.जी.डिप्लोमा कार्यक्रम

संग्रहालय विज्ञान में स्नातकोत्तर डिप्लोमा (Post Graduate Diploma in Museology) (PGDM)

परिचय—संग्रहालय एक प्रकार का विज्ञान है जिसके अर्न्तगत शिक्षार्थियों को संग्रहालय से सम्बन्धित विभिन्न आयामों की जानकारी प्रदान की जाती है। संग्रहालय भारतीय संस्कृति तथा ऐतिहासिक धराहरों को सम्यक ढंग से जानने, समझने का एक सशक्त माध्यम है। शिक्षार्थियों को इस प्रकार से जानकारी प्रदान की जाती है यथा—विभिन्न प्रकार के गैलरी का दर्शन, प्रस्तुतिकरण, डिजाइनिंग, प्रदर्शित कला कृतियों के रख-रखाव, संरक्षण आदि के विषय में जानकारी प्रदान की जाती है। वे इस कार्यक्रम को पूर्ण करने के उपरान्त विभिन्न क्षेत्रों यथा—म्यूजियम में गाइड, क्यूरेटर, कन्सलटेन्ट, गैलरी इन्चार्ज आदि विभिन्ना प्रकार के रोजगार के अवसर प्राप्त कर सकेंगे।

उद्देश्य—

शिक्षार्थियों को संग्रहालय विज्ञान के प्राथमिक आयामों बारे में जानकारी प्रदान करना।

संग्रहालय के रख-रखाव एवं संरक्षण से सम्बन्धित विभिन्न की जानकारी प्रदान करना।

शिक्षार्थियों को संग्रहालय के रख-रखाव हेतु नवीन तकनीकी पक्षों से अवगत कराना।

जन सामान्य संग्रहालय के प्रति जागरूक करने हेतु नवीन विधियों से अनुप्रयोग से अवगत कराना।

पाठ्यक्रम निष्कर्ष (Course Outcome)

CO1 शिक्षार्थियों को संग्रहालय में उपलब्ध धार्मिक, सांस्कृतिक तथा ऐतिहासिक महत्व की पुरावस्तुओं एवं संग्रहित सामग्रियों के विषय में ज्ञानवर्धन करना।

CO2 शिक्षार्थियों को संग्रहालय के, ऐतिहासिक पुरावशेषों के विषय में ज्ञानवर्धन करना।

CO3 इस कार्यक्रम को पूर्ण करने के उपरान्त शिक्षार्थियों को विभिन्न क्षेत्रों में रोजगार के अवसर उपलब्ध हो सकेंगे।

Course Outcomes

PGDM-01	संग्रहालय तथा संग्रहालय विज्ञान का परिचय
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पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)**CO1** संग्रहालय की उत्पत्ति, तथा इतिहास की जानकारी प्रदान करना।**CO2** संग्रहालयों के कार्य, प्रकृति तथा विभिन्न प्रकारों की जानकारी।**CO3** संग्रहालय से सम्बन्धित विभिन्न निकायों की जानकारी।**Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×				
CO2	×	×			
CO3	×		×		

PGMD-02

दस्तावेजीकरण/प्रलेखीकरण, प्रस्तुतिकरण और व्याख्या

पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)**CO1.** संग्रहालय के दस्तावेजीकरण, प्रस्तुतिकरण तथा व्याख्या के विभिन्न पक्षों की जानकारी।**CO2.** संग्रहालयों में प्रदर्शनी के विभिन्न प्रकारों, कार्य योजना, पुस्तकों के प्रदर्शन आदि से सम्बन्धित जानकारी।**CO3** संग्रहालय के दैनिकी तथा ऐतिहासिक पंजिका के महत्व की जानकारी।**Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×	×	×		
CO2				×	
CO3		×			
CO4					

PGDM-03

संग्रहालय प्रबन्धन तथा संरक्षण

पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)**CO1** संग्रहालय की संरचना एवं प्रशासनिक क्रिया-कलापों की जानकारी।**CO2** संग्रहालय में संग्रहीत पुरावशेषों एवं पुरावस्तुओं के विषय तथा संरक्षण के विषय में जानकारी।**CO3** संग्रहालय के बजट के विभिन्न आयामों की जानकारी।**Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×	×	×		
CO2	×	×	×		
CO3			×		

PGDM-04

संग्रहालय में कम्प्यूटर का अनुप्रयोग

पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)**CO1** संग्रहालय में कम्प्यूटर की उपयोगिता की जानकारी प्रदान करना।**CO2** संग्रहालयों की प्रदर्शनी के निर्धारण में कम्प्यूटर की भूमिका की जानकारी प्रदान करना।**CO3** संग्रहालय में प्रयुक्त होने वाले विभिन्न प्रकार के साफ्टवेयर तथा वेबसाइट की भूमिका की जानकारी प्रदान करना।

CO4 संग्रहालय में ई-मेल तथा कान्फ्रेन्सिंग की भूमिका की जानकारी।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1			×		
CO2			×		
CO3		×	×		
CO4					
CO5					

PGDM-05

संग्रहालय तथा जन सम्पर्क

पाठ्यक्रम निष्कर्ष (COURSE OUTCOMES)

CO1. संग्रहालय तथा जनसम्पर्क की भूमिका की जानकारी।

CO2 संग्रहालय के प्रचार-प्रसार में समाचार, विज्ञापित, पत्र-पत्रिकाओं आदि की भूमिका की जानकारी।

CO3 संग्रहालय में उपलब्ध जन सुविधाओं एवं प्रकारों की जानकारी।

CO4 संग्रहालय से सम्बन्धित विभिन्न निकायों की जानकारी।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1				×	
CO2	×			×	
CO3		×		×	
CO4			×		

स्नातक कार्यक्रम

(Under Graduate Programme)

लोक प्रशासन (UGPA)

प्रस्तावना—लोक प्रशासन मोटे तौर पर शासकीय नीति के विभिन्न पहलुओं का विकास, उन पर अमल एवं उनका अध्ययन है। प्रशासन का व्यवहार जो सामान्य जनता के लाभ के लिए होता है लोक प्रशासन कहलाता है। लोक प्रशासन का सम्बन्ध सामान्य नीतियों अथवा सार्वजनिक नीतियों से होता है। एक अनुशासन के रूप में इसका अर्थ वह जनसेवा है जिसे सरकार कहे जाने वाले व्यक्तियों का एक संगठन करता है। इसका प्रमुख उद्देश्य और अस्तित्व का आधार सेवा है इस प्रकार की सेवा उठाने के लिए सरकार को जन का वित्तीय बोझ, करों और महसूलों के रूप में राजस्व वसूल कर संसाधन जुटाने पड़ते हैं। किसी भी देश में लोक प्रशासन के उद्देश्य वहाँ की संस्थाओं, प्रक्रियाओं, कार्मिक राजनीतिक व्यवस्था की संरचनाओं तथा उस देश के संविधान में व्यक्त शासन के सिद्धान्त पर निर्भर होते हैं। प्रतिनिधित्व,

उत्तरदायित्व, औचित्य और समता की दृष्टि से शासन का स्वरूप महत्व रखता है लेकिन सरकार अच्छे प्रशासन के माध्यम से इन्हें स्वीकार करने का प्रयास करती है।

उद्देश्य—

1. भारतीय प्रशासनिक व्यवस्था के बारे में जानेगें।
2. लोक नीति के बारे में जानेगें।
3. विकास प्रशासन के बारे में जानेगें।
4. कार्मिक प्रशासन के बारे में जानेगें।
5. प्रशासनिक सिद्धान्त के बारे में जानेगें।

कार्यक्रम कोड—101

कार्यक्रम की अवधि—न्यूनतम—03 वर्ष

अधिकतम—6 वर्ष

कार्यक्रम का माध्यम—हिन्दी/अंग्रेजी

उम्र— कोई बाध्यता नहीं

प्रवेश हेतु अर्हता—इण्टरमीडिएट (10+2)

कार्यक्रम का निष्कर्ष (PO)

- PO1.लोक प्रशासन का स्वरूप, नौकरशाही, संगठन की संकल्पनाएं, स्वरूप एवं सिद्धान्त के बारे में अध्ययन करेंगे।
- PO2.विभिन्न कालों में भारतीय प्रशासन, स्थानीय प्रशासन, प्रादेशिक संगठन और उभरते मुद्दों के बारे में अध्ययन करेंगे।
- PO3.लोक नीति से सम्बन्धित विभिन्न कारकों के बारे में अध्ययन करेंगे।
- PO4.भारत में लोक सेवाएं एवं कार्मिक प्रशासन के बारे में अध्ययन करेंगे।
- PO5.विकास प्रशासन के विभिन्न पहलु तथा पंचायती राज व्यवस्था के बारे में अध्ययन करेंगे।

(COURSE OUTCOMES)

UGPA-01- प्रशासनिक सिद्धान्त

पाठ्यक्रम निष्कर्ष(CO)

- CO1.लोक प्रशासन का विकास तथा अन्य सामाजिक विज्ञान से सम्बन्ध के बारे में ज्ञान प्राप्त करेंगे।
- CO2.सार्वजनिक संगठन के तत्व, चुनौतियाँ तथा विभिन्न उपागमों के बारे में ज्ञान प्राप्त करेंगे।
- CO3.नौकरशाही और लोकतंत्र के बारे में ज्ञान प्राप्त करेंगे।
- CO4.संगठन की विभिन्न संकल्पनाओं के बारे में ज्ञान प्राप्त करेंगे।

CO5.संगठन के स्वरूप एवं सिद्धान्त के बारे में ज्ञान प्राप्त करेंगे।

.Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01	*				
CO-02					
CO-03	*	*			
CO-04			*		
CO-05		*	*		

UGPA-02-भारतीय प्रशासन

पाठ्यक्रम निष्कर्ष(CO)

CO1. राज्य सेवा एवं लोक सेवा आयोग तथा प्रशासन की संविधानिक रूप रेखा के बारे में समझ पायेंगे।

CO2. शहरी प्रशासन, पुलिस प्रशासन, जिला कलक्टर तथा क्षेत्र प्रशासन की संरचना के बारे में समझ पायेंगे।

CO3. सामाजिक सांस्कृतिक कारक, प्रशासनिक अधिकरण तथा न्याय प्रशासन के बारे में समझ पायेंगे।

CO4. केन्द्र एवं राज्यों के बीच सम्बन्ध, विकेन्द्रीकरण, दबाव समूह तथा प्रशासनिक सुधार के बारे में समझ पायेंगे।

CO5. अखिल भारतीय सेवाएं तथा संवैधानिक ढांचे के बारे में समझ पायेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01	*	*		*	
CO-02		*		*	
CO-03		*		*	

CO-04		*			
CO-05		*		*	

UGPA-03-लोक नीति

पाठ्यक्रम निष्कर्ष(CO)

CO1.लोक नीति के अध्ययन का महत्व तथा नीति विज्ञान की नई विधा के बारे में समझ पायेंगे।

CO2.राजनैतिक कार्यपालिका की भूमिका तथा विधानमण्डल की भूमिका के बारे में समझ पायेंगे।

CO3.भारत में नीति निर्माण प्रक्रिया तथा न्यायपालिका की भूमिका के बारे में समझ पायेंगे।

CO4.सामाजिक आंदोलन, अंतर्राष्ट्रीय एजेंसियों तथा हित समूह के बारे में समझ पायेंगे।

CO5.नीति निष्पादन में सरकारी तथा गैरसरकारी एजेंसियों के बारे में समझ पायेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01			*	*	
CO-02		*			
CO-03		*			
CO-04		*			
CO-05		*			

UGPA-04-कार्मिक प्रशासन

पाठ्यक्रम निष्कर्ष(CO)

CO1. कार्मिक प्रशासन की संकल्पना , कार्य, महत्व और विशेषताओं के बारे में जान सकेंगे।

CO2. भारत में लोक सेवा का विकास, वर्गीकरण तथा राज्य एवं संघ लोक सेवा आयोग के बारे में जान सकेंगे।

CO3. प्रशासनिक अधिकरण और केन्द्रीय एवं राज्य प्रशिक्षण संस्थान के बारे में जान सकेंगे।

CO4. वेतन, आचरण, अनुशासन तथा प्रशासनिक नैतिकता के बारे में जान सकेंगे।

CO5. संयुक्त परामर्शदायी मशीनरी और कर्मचारी संघ के बारे में जान सकेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01				*	
CO-02				*	
CO-03					
CO-04				*	
CO-05					

UGPA-05

वित्तीय प्रशासन

पाठ्यक्रम का निष्कर्ष (CO) :-

(CO) 1- विद्यार्थी वित्तीय प्रशासन की प्रकृति, उद्देश्य, सिद्धान्त एवं कार्यक्षेत्र की जानकारी प्राप्त कर सकेंगे।

(CO) 2- विद्यार्थी राजकोषीय नीति, सरकारी बजट प्रक्रिया एवं भारतीय बजट व्यवस्था के बारे में जानेगे।

(CO) 3- विद्यार्थी सार्वजनिक व्यय के सिद्धान्त एवं विकास, सरकारी व्यय के वर्गीकरण एवं निष्पादन प्रणाली एवं शून्य आधारित बजट प्रणाली के बारे में जानेगें।

(CO) 4- विद्यार्थी राजस्व के स्रोत, घाटे का वित्तीयन, सार्वजनिक ऋण प्रबन्धन एवं भारतीय रिजर्व बैंक की भूमिका के बारे में अध्ययन करेगें।

(CO) 5- विद्यार्थी प्रशासन पर वित्तीय नियंत्रण, लेखा नियंत्रण तथा महालेखा परीक्षक की भूमिका तथा स्थानीय वित्तीय प्रशासन के बारे में जानेगें।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01					*
CO-02	*				
CO-03			*		
CO-04	*				*
CO-05		*			

UGPA-06-विकास प्रशासन

पाठ्यक्रम निष्कर्ष(CO)

CO1.भारत में विकास प्रशासन तथा ई-गवर्नेंस की महत्ता के बारे में जान सकेगें।

CO2.भारत की सामाजिक –आर्थिक रूपरेखा तथा मिश्रित अर्थव्यवस्था मॉडल के बारे में जान सकेगें।

CO3.राज्य योजना तंत्र, जिला नियोजन तथा राष्ट्रीय विकास परिषद के बारे में जान सकेगें।

CO4.भारतीय अधिकारी तंत्र की भूमिका के बारे में जान सकेगें।

CO5.पंचायतीराज तथा उसके विभिन्न आयामों के बारे में जान सकेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01					
CO-02					
CO-03					
CO-04				*	
CO-05					*

पाठ्यक्रम का निष्कर्ष / CO-

1. जनता की राय या जनमत क्या है। तथा अर्थ और कार्यक्षेत्र के बारे में जानेंगे।
2. सर्वेक्षण अनुसंधान के दृष्टिकोण के बारे में जानेंगे।
3. संख्यिकी इंटरनेट सर्वेक्षण तथा अनुसंधान की कार्यप्रणाली के बारे में जानेंगे।
4. सर्वेक्षण अनुसंधान के विभिन्न सिद्धान्तों के बारे में जानेंगे।
5. विभिन्न प्रकार की डेटा विश्लेषण तकनीक के बारे में जानेंगे।

Course Outcome	UGSPA-01 Public Opinion & Survey Research				
	PO1	PO2	PO3	PO4	PO5
CO-01	*	*			
CO-02				*	
CO-03				*	
CO-04				*	
CO-05				*	

पाठ्यक्रम का निष्कर्ष / CO-

1. विकास के विभिन्न सिद्धान्तों के बारे में जानेंगे।
2. विकास की चुनौतिया और वैश्विकरण के बारे में जानेंगे।
3. मानवीय विकास का जनवायु परिवर्तन पर प्रभाव के बारे में जानेंगे।
4. विकास के विभिन्न क्षेत्रीय पहलुओं के बारे में जानेंगे।
5. औपनिवेशिक तथा उत्तर-औपनिवेशिक आधुनिकीकरण के बारे में जानेंगे।

Course Outcome	UGSPA-03 Developmental Method				
	PO1	PO2	PO3	PO4	PO5
CO-01	*	*	*		
CO-02	*	*	*		
CO-03	*	*		*	*
CO-04	*	*	*	*	*
CO-05			*	*	

पाठ्यक्रम का निष्कर्ष / CO-

1. पंचायतीराज विभाग के अन्तर्गत क्रियान्वित योजनाओं के बारे में अध्ययन करेंगे।
2. पंचायतीराज एवं बलवन्तराय मेहता समिति 1957 एवं अन्य समितियों के बारे में ज्ञान प्राप्त करेंगे।
3. भारत में पंचायतीराज की भूमिका के बारे में महत्वपूर्ण जानकारी प्राप्त करेंगे।
4. भारत में पंचायतीराज संस्थाओं का उदय किस प्रकार हुआ के सम्बन्ध में भी ज्ञान प्राप्त करेंगे।
5. आधुनिक परिप्रेक्ष्य में पंचायतीराज की आवश्यकता के बारे में छात्र ज्ञान प्राप्त करेंगे।

Course Outcome	UGSPA-04 पंचायती राज				
	PO1	PO2	PO3	PO4	PO5
CO-01	*	*	*	*	*
CO-02		*	*	*	
CO-03	*	*	*	*	

CO-04	*	*	*	*	*
CO-05			*	*	*

स्नातक कार्यक्रम

राजनीति विज्ञान (UGPS)

प्रस्तावना— राजनीति विज्ञान का ऐसा विषय है जिसके द्वारा अन्तर्राष्ट्रीय पटल की राजनीतिक, सामाजिक, आर्थिक, सांस्कृतिक घटनाओं का अध्ययन कर राजनैतिक दृष्टि से विश्लेषण करने की क्षमता का विकास होता है। प्राचीन राजनीतिक दृष्टिकोण के साथ-साथ वर्तमान राजनीतिक परिस्थितियों तथा अन्तर्राष्ट्रीय नीतियों, सम्बन्धों और समसमायिक मुद्दों को भली-भांति समझने में राजनीति विज्ञान की भूमिका को नकारा नहीं जा सकता। भारतीय संविधान तथा अन्य संविधानों के अध्ययन के द्वारा ही भारत सरकार की नीतियों का निर्धारण किया जाता है। इस विषय का अध्ययन न केवल शिक्षार्थियों को राजनीतिक व्यवस्था के बारे में शिक्षित करना है बल्कि उनकी शैक्षणिक क्षमता का भी विकास करना है। वास्तव में राजनीति विज्ञान वह अध्ययन है जो मानव के एक राजनीतिक और सामाजिक प्राणी होने के नाते उससे सम्बन्धित राज्य और सरकार दोनों संस्थाओं का अध्ययन करता है।

उद्देश्य—

1. अन्तर्राष्ट्रीय पटल की राजनैतिक, सामाजिक और सांस्कृतिक घटनाओं के बारे में जानेंगे।
2. राजनीतिक सिद्धान्तों और संस्थाओं के बारे में जानेंगे।
3. देश में सरकार और अन्तर्राष्ट्रीय सम्बन्ध के बारे में जानेंगे।
4. दक्षिण एशिया में शासन और समकालीन अन्तर्राष्ट्रीय सम्बन्ध के बारे में जानेंगे।
5. दक्षिण पूर्व और पूर्व एशिया में शासन और राजनीति के बारे में जानेंगे।

कार्यक्रम कोड—101

कार्यक्रम की अवधि—न्यूनतम—03 वर्ष

अधिकतम—6 वर्ष

कार्यक्रम का माध्यम—हिन्दी/अंग्रेजी

उम्र की कोई बाध्यता नहीं

प्रवेश हेतु अर्हता—10+2

कार्यक्रम का निष्कर्ष—(PO)

PO1 राज्य के प्रमुख अंग, सिद्धान्त शासन प्रणालियां तथा समाज और अर्थव्यवस्था में राज्य के हस्तक्षेप के बारे में अध्ययन करेंगे।

PO2 भारतीय राजनीतिक पृष्ठभूमि में व्यक्ति और राज्य, राजनीतिक संरचना, भारतीय संघवाद और दलगत राजनीति का अध्ययन करेंगे।

PO3 अन्तर्राष्ट्रीय संस्थाएँ, क्षेत्रीय संगठन, शीतयुद्ध और विश्व राजनीति के बारे में अध्ययन करेंगे।

PO4 एशिया और दक्षिण पूर्व एशिया प्रचलित शासन व्यवस्था के बारे में समझ सकेंगे।

PO5 समकालीन अन्तर्राष्ट्रीय सम्बन्ध और आधुनिक भारतीय राजनीतिक चिन्तन के बारे में अध्ययन करेंगे।

PO6. वर्तमान वैश्विक परिप्रेक्ष्य में गाँधी के विचारों तथा मानवाधिकार से सम्बन्धित विभिन्न पक्षों की जानकारी प्राप्त करेंगे।

UGPS-01 (राजनीतिक सिद्धान्तों और संस्थाओं का परिचय)

पाठ्यक्रम का निष्कर्ष—(CO)

CO1 शिक्षार्थी राजनीति विज्ञान का अर्थ, परिभाषा, क्षेत्र, उपागम और अन्य सामाजिक विज्ञान से सम्बन्ध के बारे में जानेंगे।

CO2 शिक्षार्थी राज्य का अर्थ, प्रकृति, उत्पत्ति के विभिन्न सिद्धान्त और प्रभुसत्ता व बहुलवाद का अध्ययन करेंगे।

CO3 शिक्षार्थी व्यक्ति और न्याय, स्वतन्त्रता, समानता तथा विधि और न्याय के बारे में जानेंगे।

CO4 शिक्षार्थी सरकार के अंग और विभिन्न प्रकार की शासन प्रणाली का अध्ययन करेंगे।

CO5 शिक्षार्थी सर्वाधिकारवाद, फांसीवाद, साम्राज्यवाद, राष्ट्रवाद और अन्तर्राष्ट्रवाद के बारे में जानेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01					
CO-02	*				
CO-03	*				
CO-04	*				
CO-05					

UGPS-02 (भारत में सरकार और राजनीति)

पाठ्यक्रम का निष्कर्ष–(CO)

CO1 शिक्षार्थी भारत की राजनीतिक परम्पराएं, आन्दोलन, संविधान निर्माण और समाजवाद के बारे में जानेंगे।

CO2 शिक्षार्थी व्यक्ति और राज्य तथा राजनीतिक संरचना के बारे में जानेंगे।

CO3 शिक्षार्थी भारतीय संघवाद तथा राज्यों की राजनीतिक प्रवृत्तियों के बारे में जानेंगे।

CO4 शिक्षार्थी भारत में दलगत राजनीति तथा राजनैतिक आन्दोलन के बारे में जानेंगे।

CO5 शिक्षार्थी भारतीय राज्य की प्रवृत्ति तथा राजनीतिक प्रक्रिया के बारे में जानेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01		*			
CO-02	*				
CO-03					
CO-04		*			
CO-05	*				

UGPS-03 (अन्तर्राष्ट्रीय सम्बन्ध)

पाठ्यक्रम का निष्कर्ष–(CO)

CO1 शिक्षार्थी अन्तर्राष्ट्रीय सम्बन्धों का अध्ययन कर उनके बारे में जानेंगे।

CO2 शिक्षार्थी अन्तः युद्धकाल तथा शीत युद्धकाल का विश्व राजनीति पर प्रभाव के बारे में जानेंगे।

CO3 शिक्षार्थी तीसरी दुनिया का उद्भव तथा उसके भारी दुष्परिणामों के बारे में जानेंगे।

CO4 शिक्षार्थी क्षेत्रीय संगठन तथा अन्तर्राष्ट्रीय संस्थाओं के बारे में जानेंगे।

CO5 शिक्षार्थी सतत मानव विकास, नारी अधिकार तथा अन्तर्राष्ट्रीय आतंकवाद के बारे में जानेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01			*		
CO-02			*		
CO-03			*		
CO-04			*		
CO-05			*		

UGPS-04 (आधुनिक भारतीय राजनीतिक चिंतन)

कार्यक्रम का निष्कर्ष–(CO)

CO1 शिक्षार्थी हिंसात्मक राष्ट्रवाद तथा सामाजिक और राजनीतिक चिन्तन की पृष्ठभूमि के बारे में जानेंगे।

CO2 शिक्षार्थी भारत में 19 वीं शताब्दी में धार्मिक सुधार आन्दोलनों के बारे में जानेंगे।

CO3 शिक्षार्थी आधुनिक भारत में राजनीति और धर्म, उपनिवेशवाद तथा जातीय व्यवस्था के बारे में जानेंगे।

CO4 शिक्षार्थी गांधीवाद, राष्ट्रवाद और सामाजिक क्रान्ति के बारे में जानेंगे।

CO5 शिक्षार्थी राष्ट्रवाद और समाज में होने वाली विभिन्न क्रान्तियों के बारे में जानेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01					*
CO-02	*				
CO-03			*		
CO-04					
CO-05					

UGPS-05 (समकालीन अन्तर्राष्ट्रीय सम्बन्ध)

कार्यक्रम का निष्कर्ष- (CO)

CO1 शिक्षार्थी अन्तर्राष्ट्रीय सम्बन्धों का क्षेत्र तथा प्रथम विश्व युद्ध के बाद अन्तर्राष्ट्रीय सम्बन्धों के बारे में जानेंगे।

CO2 शिक्षार्थी राज्य व्यवस्था तथा शान्ति सुरक्षा के संस्थागत दृष्टिकोण के बारे में जानेंगे।

CO3 शिक्षार्थी फांसीवाद का उदय और अन्तर्राष्ट्रीय राजनीति पर उसका प्रभाव के बारे में जानेंगे।

CO4 शिक्षार्थीयुद्धोत्तर अन्तर्राष्ट्रीय सम्बन्ध तथा उभरती विश्व व्यवस्था के बारे में जानेंगे।

CO5 शिक्षार्थी समकालीन मुद्दे और अन्तर्राष्ट्रीय सम्बन्धों के बारे में जानेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01			*		

CO-02	*				
CO-03					
CO-04			*		
CO-05			*		

UGPS-06

दक्षिण एशिया में शासन और राजनीति

पाठ्यक्रम का निष्कर्ष (CO) :-

(CO) 1- विद्यार्थी एक क्षेत्र के रूप में दक्षिण एशिया तथा दक्षिणी एशिया के औपनिवेशिक इतिहास तथा राजनीतिक विकास का अध्ययन करेंगे।

(CO) 2- विद्यार्थी भारतीय संविधान के उदभव एवं विकास, राजनीतिक संरचना एवं प्रक्रियाएं, भारत की विदेश नीति एवं राष्ट्र-निर्माण की समस्या के बारे में जानेगें।

(CO) 3- विद्यार्थी पाकिस्तान तथा बांग्लादेश की उत्पत्ति, संवैधानिक विकास, राजनीतिक संरचना तथा प्रक्रियाएं, विदेश नीति के बारे में जानकारी प्राप्त कर सकेंगे।

(CO) 4- विद्यार्थी नेपाल, भूटान, श्रीलंका एवं मालदीव के संवैधानिक विकास, राजनीतिक संरचना एवं प्रक्रियाएं तथा विदेश नीति के बारे में जानेगें।

(CO) 5- विद्यार्थी दक्षिणी एशिया में विशिष्ट अभिजनवर्ग, धर्म की भूमिका, जनतंत्र की समस्याएं एवं संभावनाएं तथा दक्षेस के बारे में अध्ययन करेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01		*			
CO-02	*				
CO-03	*			*	
CO-04	*				
CO-05			*		

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UGPS-07

पूर्व एवं दक्षिण पूर्व एशिया में शासन और राजनीति

पाठ्यक्रम का निष्कर्ष (CO) :-

(CO) 1- विद्यार्थी पूर्व तथा दक्षिण पूर्व एशियाई क्षेत्र, चीन की क्रांति एवं विचारधारा तथा चीन की विदेश नीति के बारे में जानकारी प्राप्त कर सकेंगे।

(CO) 2- विद्यार्थी जापान के ऐतिहासिक संदर्भ एवं विदेश नीति तथा कोरिया के विकास एवं विदेश नीति का अध्ययन करेंगे।

(CO) 3- विद्यार्थी सिंगापुर, मलेशिया एवं फीलीपीन्स के राजनैतिक संरचना एवं प्रक्रियाओं तथा आर्थिक स्वरूप के बारे में जानेंगे।

(CO) 4- विद्यार्थी इंडोनेशिया, थैलैण्ड , म्यांमार, वियतनाम, कंबोडिया एवं लाओस की राजनैतिक संरचना एवं प्रक्रियाओं तथा आर्थिक स्वरूप के बारे में अध्ययन करेंगे।

(CO) 5- विद्यार्थी पूर्व और दक्षिण पूर्व एशिया में राजनैतिक विकास एवं आर्थिक विकास की पद्धति, जातीयता एवं राष्ट्र-निर्माण तथा आसियान की जानकारी प्राप्त कर सकेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01					
CO-02	*		*		
CO-03	*				
CO-04	*			*	
CO-05					*

पाठ्यक्रम का निष्कर्ष (CO)

1. संघर्ष और शांति के अध्ययन के विषय में जानेगें।
2. शांति के लिए गांधी वादी दृष्टिकोण के बारे में जानेगें।
3. संघर्ष काम सामुदायिक विकास के विषय में जानेगे।
4. अन्तर्राष्ट्रीय संगठन और उनके बीच संघर्ष समाधान के बारे में जानेगे।
5. शांति शिक्षा क्या है? इसके बारे में जानेगे।

Course Outcome	UGSPS-01 Conflict and Peace Building Peace				
	PO1	PO2	PO3	PO4	PO5
CO-01	*	*	*	*	
CO-02		*	*	*	
CO-03	*			*	
CO-04	*				*
CO-05		*	*	*	

पाठ्यक्रम का निष्कर्ष (CO)

- 1 आधुनिकता और गाँधी के बारे में जानगें।
- 2 सत्याग्रह की परिकल्पना एवं सिद्धान्त के बारे में जानेगें।
- 3 विश्व शान्ति में महत्मा गाँधी का योगदान के बारे में जानेगें।
- 4 समाज में महिलाओं को सम्मानपूर्वक स्थान दिलाने में महत्मा गाँधी के योगदान के बारे में जानेगें।
- 5 महत्मा गाँधी की प्रासांगिकता के बारे में जानेगे।

Course Outcome	UGSPS-03 -Gandhian Thoughts				
	PO1	PO2	PO3	PO4	PO5
CO-01	*	*	*	*	*
CO-02	*		*	*	*
CO-03	*	*	*	*	*
CO-04		*		*	*
CO-05	*		*	*	*

पाठ्यक्रम का निष्कर्ष(CO)

- 1 मानवाधिकार: समाज और उसका विकास के बारे में अध्ययन करेंगे।
- 2 संयुक्त राष्ट्र मानवाधिकार घोषणा पत्र इतिहास, महत्व और उद्देश्य के बारे में अध्ययन करेंगे।
- 3 भारतीय ऐतिहासिक परिप्रेक्ष्य में मानवाधिकार के बारे में जान सकेंगे।
- 4 मानवाधिकार के मार्ग में आने वाली बाधाओं के बारे में जान सकेंगे।
- 5 आधुनिक समय में मानवाधिकार की उपयोगिता के बारे में अध्ययन करेंगे।

Course Outcome	UGSPS-04 –Human Rights				
	PO1	PO2	PO3	PO4	PO5
CO-01	*	*	*	*	*
CO-02	*		*		
CO-03	*		*		*
CO-04	*	*	*		*
CO-05	*	*	*	*	*

Bachelor of Arts in Sociology –UGSY

Introduction-

In modern times, there is a growing realization of the importance of the scientific study of social phenomena .Sociology studies society in a scientific way. Before the emergence of sociology, there was no systematic and scientific attempt to study human society with all its complexities. Sociology has made it possible to study society in a scientific manner. This scientific knowledge about human society is needed in order to achieve progress in various fields. Sociology is of great practical help in the sense; it keeps us up-to date on modern social situations and developments. Sociology makes us to become more alert towards the changes and developments that take place around us. As a result, we come to know about our changed roles and expectations and responsibilities. Sociology asks the big questions and examines connections within society. We live in a world where big changes happen on a daily basis and by studying Sociology we can start to explore why some of these changes take place and what the implications are for the rest of our world.

Objectives-

1. To understand the basic concepts, language, and theories of sociology.
2. To promote national integration and strengthen the natural and human resources of the country through the distance mode of education.
3. To become familiar with the strategies sociologists use to study human sociology.
4. To describe and explain major features of your own society, beginning with the institutions that are closest to your own experience.

Minimum Duration: 03 years

Course Fee: 3500+200

Medium of Instruction: Hindi

Eligibility: 10+2

Maximum Duration: 6 Years

Age: No bar

Programme Specific Outcomes (PSO):

- **PSO1-** Learners will have an ability to demonstrate skills identify and apply specific sociological terms and concepts and an ability to explain gender justice and equity and the study skills is to help students maximize the learning process
- **PSO2-** Learners will have an ability to use sociological theory to explain social problems, issues and demonstrate the utility of the sociological perspective for their lives and the student will be able to understand conceptual, analytical and critical understanding of gender issues.
- **PSO3-** Learners will be able to demonstrate knowledge how to use theory to conceptualize a sociological problem and the student will be able to make an effort to bring about affirmative social transformations.
- **PSO4-** Students will be able to understand how inequality/stratification mitigates/sustains crime and deviance and to understand the theoretical perspectives on criminal jurisprudence.
- **PSO5-** Students will have the skill Explain how various social locations such as class, race, gender, age and sexuality are vital to the study of sociology and apply them to specific sociological topics and the student will be able to have accurate and complete information about the prison processes.

Course Outcomes

UGSY- 01	The Study of Society					
COURSE OUTCOMES						
CO1- To familiarise the students with the nature, origin and scope of sociology.						
CO2- To provide the learners conceptual understanding of Group, Institutions, Political Institution and economic system.						
CO3- To familiarise the students with the concept of Culture and civilization.						
CO4- To develop a sociological understanding of Social Structure, Social Control, change and development.						
CO5- To acquaint the students with the Concept of Socialization and Education.						
Mapping of CO to PSO						
	Course Outcomes	Programme Outcome (PO)				
		PSO1	PSO2	PSO3	PSO4	PSO5
	CO1	×		×		×
	CO2	×		×		×
	CO3	×		×		×
	CO4	×		×		×
	CO5	×		×		×
UGSY-02	Society in India					

COURSE OUTCOMES

CO1- To provide the learners conceptual understanding of Rural and Urban Social Structure.

CO2- To familiarise the students with the concept of Family, Marriage, Kinship, Economy and State System.

CO3- To provide the learners conceptual understanding of Social Organization, Caste, Class, Tribes, Women and Education.

Mapping of CO to PSO

Course Outcomes	Programme Outcome (PO)				
	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	×	×			×
CO2	×	×			×
CO3	×	×			×

UGSY-03**Sociological Theory****COURSE OUTCOMES**

CO1- To familiarise the students with the emergence and growth of sociology in Europe.

CO2- The Student will know about the concepts and thoughts of Herbert Spencer, Vilfredo Pareto, Malinowski and Redcliffe Brown.

CO3- To familiar with the Concept, thoughts and Theories of Karl Marx, Durkheim, Max Weber, Parsons and R.K. Merton.

Mapping of CO to PSO

Course Outcomes	Programme Outcome (PO)				
	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	×	×	×		
CO2	×	×	×		
CO3	×	×	×		

UGSY - 04**Social Stratification****COURSE OUTCOMES**

CO1- To familiar with the Concept, theories of Social Stratification.

CO2- The Students will know about the approaches to the study of Caste and Religion in India.

CO3- To provide the learners conceptual understanding of Indian Class Structure, Social Mobility and Social Change.

Mapping of CO to PSO

Course Outcomes	Programme Outcome (PO)				
	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	×			×	×
CO2	×			×	×
CO3	×			×	×

UGSY – 04**Society and Religion**

COURSE OUTCOMES

CO1- To familiarise the students with Sociology and Study of Religion.

CO2- To provide the learners conceptual understanding of Comparative Sociological Theory of Ritual .

CO3- To familiarise the students with the concept of Religious Organizations : Cult, Sect and School.

CO4- To develop a sociological understanding of Social Importance of Religious Festivals .

CO5- To acquaint the students with the Concept of Custum, Communalism and Secularism.

Mapping of CO to PSO

Course Outcomes	Programme Outcome (PO)				
	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	×		×	×	
CO2	×		×	×	
CO3	×		×	×	
CO4	×		×	×	
CO5	×		×	×	

UGSY-06**Social Problems in India****COURSE OUTCOMES**

CO1- To provide the learners conceptual understanding to explain social problems and issues in Indian Context.

CO2- The Students will know about the approaches to the study of forms of Alienation,Deprivation,Identity , Significance and Social Justice.

CO3- To familiar with the Concept with the concept of Ecology,State and role of other associations.

Mapping of CO to PSO

Course Outcomes	Programme Outcome (PO)				
	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	×		×		×
CO2	×		×		×
CO3	×		×		×

Course Outcomes

UGSSY- 01	Rural Social Development																													
<p>COURSE OUTCOMES</p> <p>CO1- To familiarise the students with the concept of Rural Women: Sanction and Strategies of development.</p> <p>CO2- The contributions made by various sociologists to the understanding of perspective of child development and strategies.</p> <p>CO3 - The Student will know about the Scheduled Caste, Scheduled Tribe and development of deprived Group</p> <p>Mapping of CO to PO</p> <table border="1" data-bbox="506 604 1136 793"> <thead> <tr> <th rowspan="2">Course Outcomes</th> <th colspan="5">Programme Outcome (PO)</th> </tr> <tr> <th>PO1</th> <th>PO2</th> <th>PO3</th> <th>PO4</th> <th>PO5</th> </tr> </thead> <tbody> <tr> <td>CO1</td> <td>×</td> <td>×</td> <td></td> <td>×</td> <td></td> </tr> <tr> <td>CO2</td> <td>×</td> <td>×</td> <td></td> <td>×</td> <td></td> </tr> <tr> <td>CO3</td> <td>×</td> <td>×</td> <td></td> <td>×</td> <td></td> </tr> </tbody> </table>		Course Outcomes	Programme Outcome (PO)					PO1	PO2	PO3	PO4	PO5	CO1	×	×		×		CO2	×	×		×		CO3	×	×		×	
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	PO1	PO2	PO3	PO4	PO5																									
CO1	×	×		×																										
CO2	×	×		×																										
CO3	×	×		×																										
UGSSY -03	Crime Administrative System in India and Role of Counselling																													
<p>COURSE OUTCOMES</p> <p>CO1- To familiarise the students with the crime administrative system in India.</p> <p>CO2- The Student will know about the concepts of crime and its type.</p> <p>CO3- To provide the learners conceptual understanding of organised crime and cyber crime.</p> <p>Mapping of CO to PO</p> <table border="1" data-bbox="506 1066 1136 1255"> <thead> <tr> <th rowspan="2">Course Outcomes</th> <th colspan="5">Programme Outcome (PO)</th> </tr> <tr> <th>PO1</th> <th>PO2</th> <th>PO3</th> <th>PO4</th> <th>PO5</th> </tr> </thead> <tbody> <tr> <td>CO1</td> <td>×</td> <td>×</td> <td></td> <td>×</td> <td></td> </tr> <tr> <td>CO2</td> <td>×</td> <td>×</td> <td></td> <td>×</td> <td></td> </tr> <tr> <td>CO3</td> <td>×</td> <td>×</td> <td></td> <td>×</td> <td></td> </tr> </tbody> </table>		Course Outcomes	Programme Outcome (PO)					PO1	PO2	PO3	PO4	PO5	CO1	×	×		×		CO2	×	×		×		CO3	×	×		×	
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	PO1	PO2	PO3	PO4	PO5																									
CO1	×	×		×																										
CO2	×	×		×																										
CO3	×	×		×																										
UGSSY -04	Constitutional and Legislative Foundation for Gender Equality and Women and Economy																													
<p>COURSE OUTCOMES</p> <p>CO1 - To familiarise with the Concept of Constitutional and Legislative Foundation for Gender Equality</p> <p>CO2- To provide the learners conceptual understanding of Women and Economy.</p> <p>CO3- To help the learners to get a deep rooted knowledge about Women in Organised Sector and Un- Organised Sector</p> <p>CO4- To familiarise the students with the Constitutional Provision for Women in India.</p> <p>Mapping of CO to PO</p> <table border="1" data-bbox="506 1633 1136 1822"> <thead> <tr> <th rowspan="2">Course Outcomes</th> <th colspan="5">Programme Outcome (PO)</th> </tr> <tr> <th>PO1</th> <th>PO2</th> <th>PO3</th> <th>PO4</th> <th>PO5</th> </tr> </thead> <tbody> <tr> <td>CO1</td> <td>×</td> <td>×</td> <td></td> <td>×</td> <td></td> </tr> <tr> <td>CO2</td> <td>×</td> <td>×</td> <td></td> <td>×</td> <td></td> </tr> <tr> <td>CO3</td> <td>×</td> <td>×</td> <td></td> <td>×</td> <td></td> </tr> </tbody> </table>		Course Outcomes	Programme Outcome (PO)					PO1	PO2	PO3	PO4	PO5	CO1	×	×		×		CO2	×	×		×		CO3	×	×		×	
Course Outcomes	Programme Outcome (PO)																													
	PO1	PO2	PO3	PO4	PO5																									
CO1	×	×		×																										
CO2	×	×		×																										
CO3	×	×		×																										

B.A. Fashion Designing (UGFD)

Year	Course Code	Title of the Course	Credits	compulsory/elective
Three Year Course	UGFD-01	Basic design and Fashion illustration	8	compulsory
	UGFD-02	drafting and pattern making	8	compulsory
	UGFD-03	Fashion concepts	8	compulsory
	UGFD-04	Garment fabrication	8	elective
	UGFD-05	Evolution of fashion	8	elective

INTRODUCTION:- fashion designing industry growth is fuel demanding for individual with a more selective, determined and proactive approach to creativity. Master the fundamentals of making and designing fabrics by creating original concepts and indulge into the world of fashion. The Diploma Programme is a holistic package, which builds a student's foundation to become an independent thinker and creator of his imagination. This programme is designed to offer students with an understanding of fashion design course skills needed in today's fashion industry. This one year programme aims at making student familiar with the global fashion and learn innovate design skills.

PROGRAMME OUTCOME:

PO1: to provide learners a clear perspective on creativity and its application in innovative fashion design.

PO2: this programme emphasizes innovation and creativity in fashion design while providing learner with the technical knowhow for a successful career in the fashion industry.

PO3: it helps learner nurture specific skills related to sewing, pattern making, drafting, fashion illustration, fashion styling, design and garment construction.

PO4: demonstrate an advanced understanding and use of materials, processes and techniques with a mature commitment towards ethical and environmental considerations.

COURSE OUTCOME: UGFD -01 basic design and fashion illustration

CO1: Research on fashion trends and identifies the emerging theme.

CO2: Product range and previous designs developed by the business are reviewed to assess relevance to current design.

CO3: Research is conducted on target market, materials, designs, processes and marketing materials according to the needs of the design.

CO4: Quality standards for designs are identified.

CO5: Drawing a stick figure for both normal and fashion figure, forming a fleshy figure over a stick figure.

CO6: Dividing the figure into various parts using lines like plumb line, centre front line, Princess line, waistline, side seam, armholes, jewel neckline, panty line, bust line etc., practicing the art of creating textures.

CO7: Illustrating pattern details- pockets, sleeves, yokes, skirts, trousers, tops etc., Illustrating different type of ornaments and accessories, Illustrating details of ruffles, cowls, shirring, smocking, quilting, draping, gathers, pleats, frills and flounces, Basic concepts and types of silhouette.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)			
	PO1	PO2	PO3	PO4
CO1				x
CO2		x		x
CO3		x		x
CO4				x
CO5		x	x	
CO6	x		x	x
CO7	x	x	x	x

COURSE OUTCOME: UGFD -02 Drafting and paper pattern

CO1: Handle materials, drawing and pattern drafting tools, equipment and the system for computer designing with care

CO2: Use correct handling procedures.

CO3: Use materials to minimize waste

CO4: Use of measuring devices effectively, Maintain tools and equipment, Carry out running maintenance within agreed schedules.

CO5: Carry out maintenance and/or cleaning within one's responsibility, Report unsafe equipment and other dangerous occurrences, Work in a comfortable position with the correct posture.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)			
	PO1	PO2	PO3	PO4
CO1			x	x

CO2		X	X	
CO3	X		X	X
CO4	X			X
CO5		X		X

COURSE OUTCOME: UGFD -03 fashion concepts

CO1: Fashion terms: Fashion, Fad, Classic, Trend, Haute-couture, Prêt-a-porter, Knockoff, accessories, toile, atelier, boutique, bespoke Inspiration and sources of fashion.

CO2: Fashion categories – women’s: style, size, price, Major fashion canters of the world and their leading designers- Paris, Milan, Tokyo, New York, and London, India.

CO3: Body measurement -importance, preparing for measuring, ladies measurements, boys and men’s measurements. Standardizing body measurements –importance, techniques used Relative length and girth measures in ladies /gentlemen. Preparation of fabric for cutting – importance of grain in cutting and construction, steps in preparing the fabric for cutting.

CO5: Styles created by shifting of blouse darts , adding fullness to the bodice, converting darts to seam and partial yokes and incorporating darts into seams forming yokes, Pattern alteration –importance of altering patterns, general principles for pattern alteration, common pattern alteration in a blouse. Pattern grading –definition, types, manual –master grades, basic front, basic back basic sleeve, basic collar and basic grading

CO6: Fitting - Standards of a good fit, steps in preparing a blouse for fitting, checking the fit of a blouse, solving fitting problems in a blouse, fitting techniques.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)			
	PO1	PO2	PO3	PO4
CO1		X	X	
CO2		X		X
CO3		X		X
CO4	X	X	X	
CO5	X		X	X
CO6		X		X

COURSE OUTCOME: UGFD -04 Garment Fabrications

CO1: Elements of woven design, Methods of fabric representation, draft and lifting plan, construction of elementary weaves – plain, wrap rib, weft rib, twill, modification of twills, satin and sateen weaves – their derivatives.

CO2: Ordinary and brighten honey comb, its modification, hack a back and its modifications, crepe weaves, mock leno.

CO3: Extra warp and extra weft figuring – single and two colours, planting, backed fabric, warp and weft backed fabrics. Unit IV: Pile fabric – Formation of pile – weft pile – plain back, twill back – length, density and fastness of pile – corduroy weft plush. Warp pile – Terry pile, with the aid of wires, face to face warp pile.

CO4: Double cloth –classification, self stitched – faces to back, back to face, both. Centre stitched – warp and weft, Interchanging double cloth.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)			
	PO1	PO2	PO3	PO4
CO1	X			x
CO2	X		x	x
CO3		x		
CO4		x		

COURSE OUTCOME: UGFD -05 evolution of fashion

CO1: History of fashion, Costumes in ancient civilization, Costumes of the bygone era- Indian & European, Study of the basic aspects of a fashion show.

CO2: Fashion terms: Fashion, Fad, Classic, Trend, Haute-couture, Prêt-a-porter, Knockoff, accessories, toile, atelier, boutique, bespoke Inspiration and sources of fashion- printed sources, historic/traditional costumes, media, travel, fabrics, awareness.

CO3: Fashion cycle Consumer identification with fashion life cycle – fashion leaders/ followers/ innovators/ motivators/ victims Theories of Fashion adoption – trickle down, trickle up, trickle across.

CO4: Fashion categories – women’s: style, size, price, Major fashion canter of the world and their leading designers- Paris, Milan, Tokyo, New York, and London, India

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)			
	PO1	PO2	PO3	PO4

CO1	X			X
CO2	X	x		x
CO3		x		x
CO4		x		x

B.A. in Textile Designing (UGTD)

Year	Course Code	Title of the Course	Credit
Three Year Course	UGTD-01	Drawing and Sketching	8
	UGTD-02	elementary textile science	8
	UGTD-03	textile coloration and printing techniques	8
	UGTD-04	Indian traditional textile and Indian crafts	8
	UGTD-05	stitching	8

INTRODUCTION:

graduation in Textile Design is a fashion designing course. The textile designing course is to introduce a broad range of textile processes and theoretical perspectives on which to base the practice of textile design. The candidate will have the opportunity to develop collar, drawing, design, computer skills to plan, develop and produce textiles and textile products. Textile design is a design specialisation that involves creating designs for printed, woven, knitted or surface ornamented fabrics. It as a field encompasses the entire process in which raw material is used to make finished products.

Programme outcome

PO1: The principle objective of this course is to study textiles, that is, the basic material of fashion, creating a balance between the challenge represented by the future (that the textile must fulfil the needs of being “intelligent”, multi-functional, eco-sustainable, ethical and aesthetic) and as an expression of creativity, tied to the traditions and values. The course also makes one eligible for a career with the star employees and leading garment designers and apparel manufacturers.

PO2: The course will develop learner with the ability to develop designs and making of apparels according to the buyer's requirements in the industries.

PO3: To develop professional competency and employable skills of the students required for fashion garment industries in the field of Fashion designing, garment manufacturing and etc

PO4: To develop the creativity of students for developing new designs according to the trend and market requirements.

PO5: To provide the Fashion business skills such as merchandising, Buyer communication, fashion retailing for successful handling of customers.

UGTD-01 Drawing and Sketching

CO1: hand sketching, leg sketching, portrait sketching of features, sketching of face.

CO2: Drawing a stick figure for both normal and fashion figure, forming a fleshy figure over a stick figure.

CO3: Dividing the figure into various parts using lines like plumb line, centre front line, Princess line, waistline, side seam, armholes, jewel neckline, panty line, bust line etc., practicing the art of creating textures.

CO4: Illustrating pattern details- pockets, sleeves, yokes, skirts, trousers, tops etc., Illustrating different type of ornaments and accessories, Illustrating details of ruffles, cowls, shirring, smocking, quilting, draping, gathers, pleats, frills and flounces, Basic concepts and types of silhouette.

CO5: weight distribution, pencil shading, dress draping.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1		x	X	X	
CO2	X	X	X	X	
CO3	X	X			x
CO4		x	x	x	

UGTD-02 Elementary textile science

CO1: textile science- uses and importance of textile in day to day life, scope of textile and evolution of textile.

CO2: knowledge of different natural, manmade and synthetic fibres- properties and uses

CO3: chemical aspect of textile, identification and testing of textile fibres

CO4: types of yarns and yarn construction methods, fabric finishes and their uses

CO5: laundry of textile material, different equipments and methods of laundry suitable for different type of fabrics,

Mapping of CO to PO

Course outcome (CO)	PO1	PO2	PO3	PO4	PO5
CO1	X			X	

CO2		X	X	X	
CO3	X		X		
CO4		X	X		X
CO5	X				

UGTD-03 TEXTILE COLOURATION AND PRINTING TECHNIQUES

CO1: Introduction to printing-difference between dyeing and printing, Historical development of printing methods.

CO2. Methods of printing: block, stencil, screen, roller, rotary screens used at cottage and industrial level.

CO 3. Principle of printing: Cotton, polyester acrylic, silk, thickeners, auxiliaries for printing, fixation of prints using various methods/machineries, rotary screen printing machine, preparation of screen.

CO 4. Printing pastes: Thickening agents and auxiliaries for printing and their suitability to various classes of dyes and fibres. Preparation of printing pastes for different dyes and different fibres, Styles of printing - Direct style, resist or reserve style, discharge style and raised style. - Styles and methods of printing traditionally used in India

CO5: Methods of Communication in printing technology: Group Communication Methods, Mass Communication Media, Presentation of Selected Communication Media, Non-machine Media-Planning and Preparation, Machine Operated Devices-Planning and Preparation

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)					
	PO1	PO2	PO3	PO4	PO5	PO6
CO1		X				
CO2		X	X	X	X	
CO3		X	X	X	X	X
CO4	X	X		X		X
CO5		X				

UGTD-04 INDIAN TRADITIONAL TEXTILE AND INDIAN CRAFTS

CO1: Evolution of textile in India from ancient time. History and importance of Indian traditional textiles like Ducca muslin, Jamdani and Baluchar saris, Patola sarees, Pitamber, Chamba rumal, Kalamkari etc.

CO2: History, importance, motifs, threads, stitches and colours used in Indian traditional embroideries like Phulkari of Punjab, Chickankari of UP, Kasuti of Karnataka, Kantha of Bengal, Kashida of Kashmir, Sindhi of Gujarat.

CO3: Dyeing of Cotton, silk, wool, jute with corresponding dyes by exhaust method in laboratory dyeing machine.

CO4: Resist dyeing- Tie-dye, Batik.

CO5: Printing with pigments, Block Printing, Preparation of screen for printing single colour and design screen for 3 colours separately.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	X	X	X		
CO2	X	X	X	X	
CO3	X	X		X	X
CO4	X	X		X	
CO5	X	X		X	X

UGTD-05 STITCHING

DHA-05 STITCHING

CO1: Explain use of material, different types of stitches- running, back stitch, hamming etc, seam finishes such as plan, French seam, lapped run and fall seam.,

CO2: different types of collar- stand, Peter Pan collar, open and half collar. Different types of neck such as leaf neck, one side neck, boat neck, star neck, step neck.

CO3 various kinds of sleeves- mega sleeve, bell sleeve, cut sleeve, petal sleeve and overlap sleeve.

CO4 stitching of different garments- ladies garment (blouse, skirt, salwar suit, night wear, chudiddar), baby wears (frock, jumpsuit, romper, night suit), men's wear (pyjama and shirt).

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)					
	PO1	PO2	PO3	PO4	PO5	PO6
CO1		X	X	X	X	
CO2	X	X	X	X	X	

CO3		X	X			X
CO4	X	X	X	X		X

Master in Computer Science (MSc-CS)

Programme Outcomes (PO):

PO1 Graduates will have an ability to identify, formulate and implement computing solutions.

PO2 Graduates will have an ability to design and conduct experiments, analyze and interpret data.

PO3 Graduates will be able to design a system, component or process as per needs and specification.

PO4 Graduates will have the skill to work on multidisciplinary tasks and will be aware of the new and emerging disciplines.

PO5 Graduates will demonstrate skills to use modern tools, software and equipment to analyze problems.

Course Outcomes(CO) for Master in Computer Science (MSC-CS)

MSc-CS-01	Discrete Mathematics
COURSE OUTCOMES	
CO1 Explains the different areas of Mathematics- Graph Theory, Cryptography, Poset and Lattices	
CO2 Acquires a basic idea of graph, various terms associated and matrix representations of graphs	
CO3 Familiarize with different types of graphs, connectivity and properties	
CO4 Illustrate the fundamental applications of Graph Theory in different walks of life	
CO5 Familiarize with the fundamental concepts in Cryptography	
CO6 Represent Posets and Lattices diagrammatically	
CO7 Familiarize with different types of Lattices and operations on Posets	
MSc-CS-02	Problem Solving and Programming through C
COURSE OUTCOMES	
CO1 The students develops a sound approach to problem solving using a middle level programming language.	
CO2 Apply techniques like recursion and iteration are learnt to solve a problem.	
CO3 Build programming concepts like pointers, structures.	
MSc-CS--03	Computer Organization and Assembly Language Programming
COURSE OUTCOMES	
CO1 Realize the instruction set of 8085 and 8086 micro-processor including procedures, stack, interrupt handling, and macros.	
CO2 Design, write, and test moderately complicated low-level programs in assembly language using the instruction set of 8085 and 8086 .	
MSc-CS-04	Lab-1 (Based on MSc-CS-02)
COURSE OUTCOMES	
CO1 Implement a sound approach to problem solving using a middle level programming language.	
CO2 Apply techniques like recursion and iteration are learnt to solve a problem.	
CO3 Demonstrate programming concepts like pointers, structures.	

MSc-CS-05	Theory of Computation
COURSE OUTCOMES	
<p>CO1 Understand what automata is and what its use are.</p> <p>CO2 Analyze regular grammar and design finite automata for various regular languages.</p> <p>CO3 Analyze context free grammar and design pushdown automata for different types of context free languages.</p> <p>CO4 Compare and analyze different languages, grammars and machines.</p> <p>CO5 Design Turing machine for unrestricted grammar (type 0).</p> <p>CO6 Understand undecidable problems that cannot be solved using computers.</p>	
MSc-CS-06	System Analysis & Design
COURSE OUTCOMES	
<p>CO1 A firm basis for understanding the life cycle of a systems development project.</p> <p>CO2 An understanding of the analysis and development techniques required as a team member of a medium-scale information systems development project.</p> <p>CO3 An understanding of the ways in which an analyst's interaction with system sponsors and users play a part in information systems development.</p> <p>CO4 Understanding development of information systems models.</p> <p>CO5 Understanding development of systems project documentation.</p>	
MSc-CS-07	Software Engineering
COURSE OUTCOMES	
<p>CO1 Describe software engineering layered technology and process framework.</p> <p>CO2 Develop theories, models, and techniques that provide a basis for the software development life cycle.</p> <p>CO3 Compare software testing approaches including verification and validation, static analysis, reviews, inspections, and audits.</p> <p>CO4 Understand of the role of project management including planning, scheduling, risk management, etc.</p> <p>CO5 Work as an individual and/or in team to develop and deliver quality software.</p>	
MSc-CS-08	Object Oriented Programming through 'C++'
COURSE OUTCOMES	
<p>CO1 The students develop a sound approach to problem solving using a high level programming language.</p> <p>CO2 The techniques like recursion and iteration are learnt to solve a problem.</p> <p>CO3 The students master the good programming practices like modularity and documentation, and use of named constants.</p> <p>CO4 The student learns the use of object oriented framework using the concept of classes, inheritance, and encapsulation while programming in a language like C++.</p>	
MSc-CS-09	Computer Networks
<p>CO1 Understand basics of computer networks and various network topologies.</p> <p>CO2 Explain basics of OSI Reference Model and TCP/IP Model.</p> <p>CO3 Understand various protocol of data link layer for flow and error control such as Stop and wait protocols, One bit sliding window protocol, Using Go-Back N.</p> <p>CO4 Describe different types of network devices Hub, Bridges, Switch, Gateways, and Routers along with their working.</p>	

CO5 Aware of different types of IP addresses classes and the need of subnetting.	
CO6 Realize how packet is being transferred from source to destination PC.	
MSc-CS-10	Lab-2 (Based on MSc-CS-08)
COURSE OUTCOMES	
CO1 Demonstrate problem solving using a high level programming language.	
CO2 Implement techniques like recursion and iteration are learnt to solve a problem.	
CO3 Implement object oriented concepts using the concept of classes, inheritance, and encapsulation while programming in a language like C++.	
MSc-CS-11	System Software
COURSE OUTCOMES	
CO1 Aware of processes, threads, process control blocks and various state transitions a process undergoes.	
CO2 Understand about the critical-section problem, whose solutions are used to ensure the consistency of concurrent execution of multiple processes.	
CO3 Illustrate various memory management concepts such as paging, segmentation, virtual memory, demand paging, page-replacement algorithms, and thrashing.	
CO4 Examine how Magnetic disks work, how data are organized on disks and different Disk Scheduling Algorithms.	
CO5 Describe the history of the UNIX operating system and the principles on which Linux is designed.	
MSc-CS-12	Object Oriented Analysis and Design
COURSE OUTCOMES	
CO1. Analyze, design, document the requirements through use case driven approach.	
CO2. Identify, analyze, and model structural and behavioral concepts of the system.	
CO3. Develop, explore the conceptual model into various scenarios and applications.	
CO4. Apply the concepts of architectural design for deploying the code for software.	
MSc-CS-13	Numerical & Statistical Computing
CO1. Recognize the error in the number generated by the solution.	
CO2. Compute solution of algebraic equation by various numerical methods.	
CO3. Apply method of interpolation and extrapolation for prediction.	
CO4. Demonstrate inferential methods relating to the means of Normal distributions.	
MSc-CS-14	Accountancy & Financial Management
COURSE OUTCOMES	
CO1: Realize ability to use and interpret financial and non-financial information in management planning, performance evaluation and decision making.	
CO2: Apply appropriate techniques and tools used by managers in decision making.	
CO3: Assess principle concepts and techniques used in the area of accounting and financial management.	
MSc-CS-15	Probability & Distribution
COURSE OUTCOMES	
CO1: Realize fundamental concepts in exploratory data analysis.	
CO2: Apply basic concepts of probability and random variables.	
CO3: Assess inferential methods relating to the means of Normal distributions.	

MSc-CS-16	Database Management System
COURSE OUTCOMES	
<p>CO1: Understand the basic concepts of DBMS and its importance in the present scenario.</p> <p>CO2: Illustrate ER model for logical database design.</p> <p>CO3: Able to use most widely used query language called SQL to define structure of data, modify data in database and specify security constraints.</p> <p>CO4: Understand the concepts of Functional Dependency and Normal Form for a good database design.</p>	
MSc-CS-17	Operating System
COURSE OUTCOMES	
<p>CO1 Understand evolution of operating systems from early simple batch systems to modern computer systems.</p> <p>CO2 Aware of processes, threads, process control blocks and various state transitions a process undergoes.</p> <p>CO3 Evaluate various CPU-scheduling algorithms on which a CPU scheduler is designed.</p> <p>CO4 Understand about the critical-section problem, whose solutions are used to ensure the consistency of concurrent execution of multiple processes.</p> <p>CO5 Illustrate various memory management concepts such as paging, segmentation, virtual memory, demand paging, page-replacement algorithms, and thrashing.</p> <p>CO6 Examine how Magnetic disks work, how data are organized on disks and different Disk Scheduling Algorithms.</p> <p>CO7 Describe the history of the UNIX operating system and the principles on which Linux is designed.</p>	
MSc-CS-18	Core Java
COURSE OUTCOMES	
<p>CO1 Develop a sound approach to problem solving using a high level programming language.</p> <p>CO2 Use an integrated development environment to write, compile, run, and test simple object-oriented Java programs.</p> <p>CO3 Read and make elementary modifications to Java programs that solve real-world problems.</p> <p>CO4 Validate input in a Java program.</p> <p>CO5 The student learns the use of object oriented framework using the concept of classes, inheritance, and encapsulation while programming in a language like Java.</p>	
MSc-CS-19	Lab-3 (Based on MSc-CS-18)
COURSE OUTCOMES	
<p>CO1 Use an integrated development environment to write, compile, run, and test simple object-oriented Java programs.</p> <p>CO2 Implement concept of classes, inheritance, and encapsulation while programming in a language like Java.</p>	
MSc-CS-20	Computer Graphics
COURSE OUTCOMES	
<p>CO1: Understand mathematical principles of digital image enhancement.</p> <p>CO2: Use appropriate image compression techniques necessary for practice.</p>	
MSc-CS-21	Design and Analysis of Algorithms
CO1 Understand that various problem solving categories exist such as; iterative technique,	

divide and conquer, dynamic programming, greedy algorithms.
CO2 Analyze the strengths and weaknesses of an algorithm theoretically as well as practically.
CO3 Identify and apply an appropriate technique to design an efficient algorithm for simple problems.
CO4 Demonstrate correctness and efficiency of the algorithm.
CO5 Summarize various searching and sorting algorithms. Compare numerous solutions for a problem and realize a solution may be efficient or inefficient depending on the application at hand.

MSc-CS-22 (L)	Practical Lab Based on MSc.CS-29
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COURSE OUTCOMES
CO1 Understand History and development of the World Wide Web and associated technologies.
CO2 Incorporate client-server architecture of the World Wide Web and its communication protocol HTTP/HTTPS.
CO3 Design and build robust and maintainable web applications using modern languages.

MSc-CS-23	Artificial Intelligence
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COURSE OUTCOMES
CO1 Develop a basic understanding of AI building blocks presented in intelligent agents.
CO2 Choose an appropriate problem solving method and knowledge representation technique.
CO3 Analyze the strength and weaknesses of AI approaches to knowledge– intensive problem solving.
CO4 Design models for reasoning with uncertainty as well as the use of unreliable information.
CO5 Design and develop the AI applications in real world scenario.

MSc-CS-24	Parallel Computing
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COURSE OUTCOMES
CO1 Apply the principles and concept in analyzing and designing the parallel system
CO2 Reason about ways to parallelize problems.
CO3 Gain an appreciation on the challenges and opportunities faced by parallel systems.
CO4 Improve the performance and reliability of parallel programs.

MSc-CS-25	Correlation, Regression & Statistical Inference
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COURSE OUTCOMES
CO1: Measure strength of a relationship between two, numerically measured, continuous variables.
CO2: Simulate linear regression model and understand its limitations.
CO3: Apply classical inference involving confidence intervals and hypothesis testing.

MSc-CS-26	Mathematical Analysis
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COURSE OUTCOMES
CO1: Analyze set of discontinuities of functions and differentiability of real functions.
CO2: Apply to find solutions of problems in mechanics, physics, chemical kinetics which are very often representable by functions of bounded variation.
CO3: Understand purpose of Fourier series and Transformation.

CO4: Explain a metric space with standard examples.	
MSc-CS-27	Operation Research
COURSE OUTCOMES	
CO1: Convert a problem into a mathematical model.	
CO2: Solve the mathematical model manually as well as using software.	
CO3: Understand variety of real word problems such as assignment, transportation, travelling salesman etc.	
CO4: Find the optimal solutions using models for different situations.	
CO5: Simulate different real life probabilistic situations using Monte Carlo simulation technique.	
MSc-CS-28	Principal of Programming Language
COURSE OUTCOMES	
CO1 Inculcate notations to describe syntax and semantics of programming languages.	
CO2 Analyze semantic issues associated with function implementations, including variable binding, scoping rules, parameter passing, and exception handling.	
MSc-CS-29	Web Technology
COURSE OUTCOMES	
CO1 Implement interactive web page(s) using HTML, CSS and JavaScript.	
CO2 Design a responsive web site using HTML5 and CSS	
CO3 Build Dynamic web site using server side PHP Programming and Database connectivity.	
CO4 Describe and differentiate different Web Extensions and Web Services.	
CO5 Understand development of web application.	

Bachelor of Science (B.Sc.) – Computer Science

UGCS-01	Computer Fundamental
<p>CO1 Describe basics of Computer such as CPU, ALU, CU, Input and Output units etc. CO2 Expressing Problem Solving using Computers CO3 Define number representation and arithmetic in Computers CO4 Understand the structure of Processor and Disk Drives CO5 Learn programming in Assembly language</p>	
UGCS-03	Introduction to System Software
<p>CO1 Understand the basic concepts related to programming languages CO2 Learn the basics of GUI, text editor and debugging systems CO3 Gain basic understand of structure and types of Operating System CO4 Learn Memory and File Management in Operating System CO5 Learn the functionalities of the UNIX Operating System</p>	
UGCS-04	C Programming & Data Structures
<p>CO1 The students develop a sound approach to problem solving using a middle level programming language. CO2 The techniques like recursion and iteration are learnt to solve a problem. CO3 The students learn the programming concepts like pointers, structures. CO4 Learn different types of data structures such as Lists, Stack, Queue, Tree, Graph etc. CO5 Learn searching and sorting techniques CO6 Understand File Organization in Computer Systems</p>	
UGCS-06	Database Management System
<p>CO1 Introduces the role of a database management system, basic database concepts, including the structure and operation of the relational data model. CO2 Introduces how to apply logical database design principles, including E-R/EE-R diagrams, conversion of ER diagrams to relations. CO3 Familiarize students with the concepts of integrity constraints, relational algebra, relational domain & tuple calculus, data normalization. CO4 Construct simple and moderately advanced database queries using Structured Query Language (SQL). CO5 Familiarize students with the concept of a database transaction including concurrency control, backup and recovery, and data object locking. CO6 Design and implementation of a small database project using Oracle.</p>	
UGCS-07	Elements of System Analysis and Design
<p>CO1 A firm basis for understanding the life cycle of a systems development project; CO2 An understanding of the analysis and development techniques required as a team member of a medium-scale information systems development project; CO3 An understanding of the ways in which an analyst's interaction with system sponsors and users play a part in information systems development; CO4 Understanding development of information systems models; CO5 Understanding development of systems project documentation;</p>	

UGCS-08	Discrete Mathematics
<p>CO1 Explains the different areas of Mathematics- Graph Theory, Cryptography, Poset and Lattices CO2 Acquires a basic idea of graph, various terms associated and matrix representations of graphs CO3 Familiarize with different types of graphs, connectivity and properties CO4 Illustrate the fundamental applications of Graph Theory in different walks of life CO5 Familiarize with the fundamental concepts in Cryptography CO6 Represent Posets and Lattices diagrammatically CO7 Familiarize with different types of Lattices and operations on Posets</p>	
UGCS-09	Computer Networks
<p>CO1 Describe how to connect machines in a network. CO2 Describe data communication between machines at various locations. CO3 Learn about the OSI and TCP/IP Communication models CO4 Learn about the definitions and various functionalities of the TCP/ IP Model CO5 Learn about various communication protocols associated with each layer of the TCP/IP Model</p>	
UGCS-11	C++ And Object Oriented Programming
<p>CO1 The students develop a sound approach to problem solving using a high level programming language. CO2 The techniques like recursion and iteration are learnt to solve a problem. CO3 The students master the good programming practices like modularity and documentation, and use of named constants. CO4 The student learns the use of object oriented framework using the concept of classes, inheritance, and encapsulation while programming in a language like Python.</p>	
UGCS-17	Operation Research
<p>CO1 Defines a Euclidean Space, a Vector Space and its basis CO2 Defines a LPP in standard form and Canonical form CO3 Identifies a feasible solution, a basic feasible solution and an optimal solution using simplex method CO4 Understands duality theorems and dual simplex method CO5 Uses dual simplex method to find optimal solutions CO6 Explains the Transportation Problem and formulate it as an LPP and hence solve the problem CO7 Determine that an Assignment Problem is a special case of LPP and hence solve by Hungarian method CO8 Identifies the Queuing models, their various forms and methods of solution</p>	

PGSTAT / MASTAT

M.Sc. / M.A. *Statistics*

Program Objectives:

The educational objectives of the PGSTAT/ MASTAT program are to enable the learner gain basic skills required for knowledge about the basic statistics and computer with its practical applications.

1. To inculcate and develop aptitude to apply statistical tools at a number of data generating fields in real life problems.
2. To train learners to handle large data sets and carry out data analysis using software and programming language.
3. To teach a wide range of statistical skills, including problem-solving, project work and presentation so as enable learners to take prominent roles in a wide spectrum of employment and research.

Programme Outcomes (PO): On successful completion of the course a student will be able to:

PO 1:	Gain sound knowledge in theoretical and practical aspects of Statistics. Describe complex statistical ideas to non-statisticians. Handle and analyse large databases with computer skills and use their results and interpretations to make practical suggestions for improvement. Get wide range of job opportunities in industry as well as in government sector.
PO 2:	The aim of the course is to pay a special attention to applications of measure theory in the probability theory, understanding of Weak Law of Large numbers, Strong Law of Large Numbers and the Central Limit Theorem with their applications. to provide a thorough theoretical grounding in different type of distributions, non-central distributions, censoring, delta method, robust procedures etc.
PO 3:	To make learners aware of estimation (point, as well as, interval) and testing (simple, as well as, composite hypotheses) procedures. To make aware the learners of parametric, non-parametric and sequential estimation (point, as well as, interval) and testing (simple, as well as, composite hypotheses) procedures. To make learners aware of estimation (point, as well as, interval) and testing (simple, as well as, composite hypotheses) procedures.
PO 4:	This programme provides the learner the ability to understand the design and conduct experiments, as well as to analyze and interpret data. To provide learners the ability to learn and use linear and non-linear models for normal data, and generalized linear models for normal and non-normal responses. And also to equip learners to apply experimental design techniques in real world problems and in research.
PO 5:	To learn techniques in survey sampling with practical applications in daily life this would be beneficial for the learners to their further research. The objective of this is to provide advanced techniques in survey sampling with practical applications in daily life and to provide accessible statistical tool for applying sampling strategies and methodologies.
PO 6:	To develop awareness for the use of stochastic models for representing random phenomena evolving in time such as inventory or queuing situations or stock prices behavior. Survival

	analysis and Reliability Theory is one area of Statistics that concerns itself with the application of statistical methods to medical, biological, epidemiological and health related problems.
PO 7:	To introduce learners the knowledge of real field and complex field with their properties and relativity between complex plane and real line. These properties and relations provide grounds for Probability Theory and help in theoretical research in Statistics.
PO 8:	To provide the understanding of the fundamentals of decision theory and Bayesian inference including concept of subjectivity and priors by examining some simple Bayesian models and linear regression in a Bayesian framework.
PO 9:	To introduce learners to the analysis of observations on several correlated random variables for a number of individuals. Such analysis becomes necessary in Anthropology, Psychology, Biology, Medicine, Education, Agriculture and Economics when one deals with several variables simultaneously. To learn statistical techniques useful for research work. To understand the quantitative methods used in Social, educational, business and management studies.
PO 10:	This course will provide the ability to learn the fundamentals of the most relevant nonparametric techniques for statistical inference. The objective of this course is to make the learners aware of the properties and applications of order statistics.
PO 11:	To study more advanced topics in econometrics and time series. To introduce quantitative and model based techniques for model formulation and effective decision-making.
PO 12:	To describe current population trends, in terms of fertility, mortality and population growth and the concepts of stable and stationary population. To provide understanding of mathematical challenges from a purely applied perspective for a majority of random processes in terms of sequence of event-time pairs.
PO 13:	To understand the concept of all theories and their practical knowledge. This program will give a complete knowledge about the audit sampling, audit risk, official and Bio statistics.
PO 14:	To introduce some advanced statistical computing techniques to extract information, visualization and knowledge about various industries. To learn the principles and methods of data analysis. To provide a basic understanding of methods of analysing data from different fields. To learn R software. The main objective of this course is to allow the learners to learn the advanced techniques of modeling real data from diverse discipline

Course Outcomes (CO)

PGSTAT- 01/ MASTAT-01

Probability and Distribution

CO 1	Understand the concepts of random variables, sigma-fields generated by random variables, probability distributions and independence of random variables related to measurable functions. Learn the concepts of weak and strong laws of large numbers and central limit theorem.
CO 2	The learner will able to understand about the probability measures and distribution functions.
CO 3	Learner should able to understand about the probability inequality and limit theorem.
CO 4	Understand the concept of convergence, zero one law and characteristics functions.

PGSTAT-02/ MASTAT-02**Statistical Inference**

CO 1	To make students aware of estimation (point, as well as, interval) and testing (simple, as well as, composite hypotheses) procedures.
CO 2	Apply various estimation and testing procedures to deal with real life problems. Understand Fisher Information, Lower bounds to variance of estimators, MVUE. Understand Neyman-Pearson fundamental lemma, UMP test, Interval estimation and Confidence interval.
CO 3	To make aware the students of parametric, non-parametric and sequential estimation (point, as well as, interval) and testing (simple, as well as, composite hypotheses) procedures.
CO 4	Learner will able to understand about the estimation theory, and hypothesis testing.

PGSTAT-03/ MASTAT-03**Linear Models and Design of Experiments**

CO 1	Apply ANOVA for two -way classification, fixed effect models with equal, unequal and proportional number of observations per cell, Random and Mixed effect models with $m(>1)$ observations per cell.
CO 2	Design and analyse incomplete block designs, understand the concepts of orthogonality, connectedness and balance. Use linear and Non-linear models, apply data transformations, and appreciate the need and uses of generalized linear models. Use the concepts of Generalized Linear Models in real life problems. Understand the concepts of finite fields and finite geometries and apply them, balanced incomplete block designs, confounded factorial experiments.
CO 3	Identify the effects of different factors and their interactions and analyse factorial experiments. Construct complete and partially confounded factorial designs and perform their analysis. Apply Split-plot designs and their analysis in practical situations. Understand the effects of independence or dependence of different factor under study.
CO 4	Understand the design and analysis of Partially Balanced Incomplete Block Designs and apply them in situations where balanced designs are not available.

PGSTAT-04/ MASTAT-04**Survey Sampling**

CO 1	Understand the distinctive features of sampling schemes and its related estimation problems, Learn about the applications of sampling methods; systematic, stratified and cluster sampling. Understand the cluster and two stage sampling with varying sizes of clusters/first stage units.
CO 2	Learn about various approaches (design based and model-based) to estimate admissible parameters; with and without replacement sampling scheme, sampling with varying probability of selection. Understand the super population approach to estimation and also Learn about the randomized response techniques.
CO 3	Learn about the methods of post-stratification (stratified sampling) and controlled sampling and also double sampling procedure with unequal probability of selection. Learner will understand the non -existence of uniform estimators and repetitive surveys. Apply the re-sampling

	techniques for variance estimation – independent and dependent random groups. Understand the design based estimation procedures and double sampling technique for stratification.
CO 4	Learner will able to understand the response and non- response techniques; Randomized Response Technique and a technique to predict non observed residue under design and model based model and also understand the model assisted sampling strategies; super population model.

PGSTAT-05/ MASTAT-05

Stochastic Process

CO 1	This course is to develop awareness for the use of stochastic models for representing random phenomena evolving in time such as inventory or queueing situations or stock prices behavior.
CO 2	Use notions of long-time behaviour including transience, recurrence, and equilibrium in applied situations such as branching processes and random walk. Construct transition matrices for Markov dependent behaviour and summarize process information. Use selected statistical distributions for modeling various phenomena. Understand the principles and objectives of model building based on Markov chains, Poisson processes and Brownian motion.
CO 3	This paper is to provide understanding of mathematical challenges from a purely applied perspective for a majority of random processes in terms of sequence of event-time pairs.
CO 4	Make assumptions about the way in which scenarios based on random processes develop. Create realistic model for real time situation and to seek solutions to systems oriented problems. Construct approximate theoretical solutions and simulation analysis. Theoretical derivations and results based on theorems are exhaustively dealt with.

PGSTAT-06 (P)/ MASTAT-06 (P)

Practical based on 02, 03 and 04

CO 1	Learner should able to analyze the numerical problems related with sampling techniques.
CO 2	Learner should able to analyze the numerical problems related with design of experiment.
CO 3	Learner should able to analyze the numerical problems related with statistical inference.
CO 4	Learner should able to analyze the numerical problems related with distribution theory..

PGSTAT-07/ MASTAT-07

Mathematical Analysis

CO 1	Understand convergence of sequence and series of real valued function and complex valued functions, multiple integral into line integral, maxima-minima of functions of several variables, residue at singularity and infinity via definition and via Cauchy integral formula and also understand existence of integral and their evaluation.
CO 2	Find residue at singularity and infinity via definition and via Cauchy integral formula.
CO 3	Learner should able to understand the concept of Riemann Stieltjes Integrals, Fourier Series and Functions of Bounded Variation
CO 4	Learner should able to understand the concept of Metric Spaces & Continuity

PGSTAT-08/ MASTAT-08**Measure Theory**

CO 1	Understand the concepts of random variables, sigma-fields generated by random variables, probability distributions and independence of random variables related to measurable functions
CO 2	Gain the ability to understand the concepts of measurable functions, sequence of random variables, convergence, modes of convergence.
CO 3	Learner should able to understand the concept of measure, outer measure, signed measure
CO 4	Learner should able to understand the concept of real analysis and fubini's theorem.

PGSTAT-09/ MASTAT-09**Survival Analysis**

CO 1	Learner will able to understand about the life distributions.
CO 2	Understand the concept of life table,
CO 3	Discuss about the Kaplan-Meier Estimator, deshpande test, etc.
CO 4	Discuss about the concept of hazard rate and cox proportional hazard model, etc.

PGSTAT-10/ MASTAT-10**Reliability Theory**

CO 1	Discuss about the concept of reliability, reliability functions and measures.
CO 2	Learner should able to understand about the life distributions and reliability growth models.
CO 3	Discusses about the concept of Aging.
CO 4	Discuss about the basics idea of accelerated life testing.

PGSTAT-11/ MASTAT-11**Operation Research**

CO 1	Identify and develop operational research models from the verbal description of the real system.
CO 2	Understand the characteristics of different types of decision-making environments and decision making approaches.
CO 3	Understand the mathematical tools that are needed to solve optimization problems. Analyze the queueing and inventory situations
CO 4	Understand discrete event simulation and decision analysis with inclusion of modeling based on random events involving uncertainties and Conceptualise optimum event management through Network scheduling

PGSTAT-13/ MASTAT-13**Decision Theory**

CO 1	Learner should able to understand about the concept of basic decision elements, bays and minimax rules.
CO 2	Learner should able to understand about the optimality of decision rules and multiple decision problem.
CO 3	Treat “evidence” as value of observations and prescribe methods to deal rationally with it and Equip students with skills to carry out and interpret posterior and pre posterior data based modeling and analyses.
CO 4	Compute probability that the theory in question could produce the observed data. Examine some simple Bayesian models and linear regression in a Bayesian framework.

PGSTAT-14/ MASTAT-14**Multivariate Analysis**

CO 1	Account for important theorems and concepts in multivariate analysis and Summarize and interpret multivariate data.
CO 2	Appreciate the range of multivariate techniques available and Understand the link between multivariate techniques and corresponding univariate techniques
CO 3	Conduct statistical inference about multivariate means including hypothesis testing, confidence region calculation, etc and also Use multivariate techniques appropriately, and draw appropriate conclusions.
CO 4	Learner should able to understand about the MND and their applications.

PGSTAT-15/ MASTAT-15**Non Parametric**

CO 1	Learn about the basic concepts of record values, nonparametrics and generalized order statistics.
CO 2	Solve hypothesis testing problems where the conditions for the traditional parametric inferential tools to be applied are not fulfilled. Build nonparamteric density estimates.
CO 3	Find joint, marginal and conditional probability distributions of order statistics in the continuous and discrete cases. Find the distribution of sample range and other systematic statistics in case of sampling from an arbitrary continuous population and, in particular, from some specific continuous distributions such as uniform and exponential.
CO 4	Learn how to obtain distribution-free confidence intervals for population quantile and distribution-free tolerance intervals for population distributions based on order statistics. Understand the distribution-free bounds for moments of order statistics and of the range. Find the approximations to moments of order statistics in terms of quantile function and its derivatives.

PGSTAT-16/ MASTAT-16**Econometrics**

CO 1	Learn about the basic concepts of econometrics.
CO 2	Acquire knowledge of various advanced econometric models, estimation methods and related econometric theories. Conduct econometric analysis of data.
CO 3	Apply statistical techniques to model relationships between variables and make predictions.
CO 4	Understand Auto-covariance, auto-correlation function and Vector Autoregression. Understand Correlogram and Periodogram analysis and different Smoothing methods

PGSTAT-17/ MASTAT-17**Demography**

CO 1	Identify principle sources of demographic data and assess their strengths and weaknesses. Discuss the demographic significance of age structures and the implications of variations in age structure.
CO 2	Specify and calculate the principal demographic measures, and standardize these measures for comparison and interpretation.
CO 3	Construct and interpret single-decrement life tables.Do population projection by different methods.
CO 4	Identify the components of population change, including the effects of changing birth,death and migration rates, and demonstrate their influences on age structure.

PGSTAT-18(P)/ MASTAT -18 (P)**Practical based on 14, 15, 16 and 17**

CO 1	Learner should able to analyze the numerical problems related with Demography.
CO 2	Learner should able to analyze the numerical problems related with non-parametric.
CO 3	Learner should able to analyze the numerical problems related with econometrics.
CO 4	Learner should able to analyze the numerical problems related with multivariate analysis.

PGSTAT-20/ MASTAT-20**Research Methodology in Social Behaviour Science**

CO 1	Understand about the research and criteria of research.
CO 2	Understand about the sampling design and analysis of data.
CO 3	Understand about the statistical techniques.
CO 4	Understand the meaning of interpretation, significance of report writing, report writing..

PGSTAT-21/ MASTAT-21**Statistical Software**

CO 1	Learner should able to understand about the concept and practical hands on about statistical software.
CO 2	Understand about SPSS, Stata with statistical applications.
CO 3	Understand about R and R commander with statistical applications.
CO 4	Understand about Matlab and Latex.

PGSTAT-22/ MASTAT-22

Official Statistics

CO 1	Learner will able to understand the knowledge about official statistics, Statistical Methods for Total Quality Management, Quality Systems, ISO 9000 standards, QS 9000 standards. Concept of six-sigma.
CO 2	Learner will understand concepts of population and sample need for sampling, census and sample surveys, basic concepts in sampling and designing of large scale surveys, non-sampling errors, randomized response technique (Warner's model only)
CO 3	Learner have a concept of need for design of experiments, fundamental principles of design of experiments., Factorial Experiments, 2n, 32 factorial experiments, illustrations, main effects and interactions, confounding and illustrations
CO 4	This course persist the knowledge about statistical audit sampling, its advantage in audit, risk of statistical sampling, attributes vs variable sampling, audit hypothesis, testing of hypothesis, monetary unit sampling, risk based analysis, concept of alpha and beta risk, concept of tolerable misstatement.

B.Sc./ B.A.

Subject: Statistics

PSO 1:	To imbibe strong foundation of statistics in students. To familiarize students with basic to high-level statistical concepts. To update students with mathematical tools that aid in statistical theory. To teach/strengthen students' knowledge of basics of computers and data analysis. To promote application-oriented pedagogy by exposing students to real world data. To make students do projects, this prepares them for jobs/markets.
PSO 2:	To summarize the data and to obtain its salient features from the vast mass of original data. To understand the concept of attributes. To understand and analyse and also interpret the data through graphical and diagrammatical representation of the data. Acquainting the Learner with various statistical methods. To introduce students to different measurement scales, qualitative and quantitative and discrete and continuous data. To help learner to organize data into frequency distribution graphs, including bar graphs, histograms, polygons, and Ogives. Students should be able to understand the purpose for measuring central tendency, variation, skewness and kurtosis and should be able to compute them as well.
PSO 3:	To understand the concept of random variables, probability distributions and expectation. Understanding probability theory at basic and advance level, random variables and also their convergences at weak and strong levels. Different probability distribution (discrete and continuous).
PSO 4:	Learners should be able to understand and compute various statistical measures of correlation, fitting of

	curve and regression, theory of Attributes, And also testing of hypothesis with basic principles of statistical inference. They will also gain the knowledge about small sample test, large sample test as well as non parametric tests.
PSO 5:	To understand the concept of sampling distributions and their applications in statistical inference. To understand the process of hypothesis testing. To have a clear understanding of when to apply various tests of hypothesis about population parameters using sample statistics and draw appropriate conclusions from the analysis. To learn how the mathematical ideas of Statistics carry over into the world of applications. Drawing inference about the unknown population parameters based on random samples. Validating our estimation/ inference about the population using hypothesis testing. To provide tools and techniques for selecting a sample of elements from a target population keeping in mind the objectives to be fulfilled and nature of population. To obtain estimator of the population parameter on the basis of selected sample and study its properties.
PSO 6:	To understand the knowledge about the principles of design of experiments, linear models and also CRD, RBD and LSD.
PSO 7:	To understand the concept of all theories and their practical knowledge. This program will give a complete knowledge about the official statistics.
PSO 8:	To study the Numerical Analysis, this is the study of algorithms that use numerical approximation for the problems of mathematical analysis and also the basic knowledge of the computers. To define, design and model; To analyze; To identify the real life applications of stochastic processes. To study various Operational Research Techniques and Models.
PSO 9:	This course will help students to learn techniques and approach of SQC being used in industry to manufacture goods and services of high quality at low cost. This course will also give exposure to Six sigma and Index Numbers. Understanding of the process generating a time series. Forecasting future values of the observed series. This also provides the knowledge about Index numbers, time series analysis and others. To collect valid Demographic data using different methods. To learn basic measures of Mortality, Fertility and Population Growth. To construct life tables. To provide scientific approaches to develop the domain of human knowledge through empirical studies. To enable the student researchers to understand basic concepts and aspects related to research, data collection, analyses and interpretation
PSO 10:	To understand the knowledge about Operation Research, Graphical Method to Solve LPP, Simplex Method of Solving LPP, Duality Problem in LPP, Transportation Problem & Assignment Problem, Theory of Games, Dominance Rule, Equivalence of Rectangular Games with Linear Programming.
PSO 11:	Study of theoretical concepts of Point Estimation & Cramer Rao Inequality, Sufficiency & Factorization Theorem, Complete Sufficient Statistics & Rao Blackwell Theorem, Complete Sufficient Statistics, MP & UMP Tests, Neyman- Pearson Lemma, Likelihood Ratio Test & Their Uses, Shortest Unbiased Confidence Intervals.

Course Outcomes

UGSTAT-01

Statistical Methods

CO 1	Learner will be able to understand about the concept of data collection, tabulation and also about its graphical and diagrammatical representation.
CO 2	This course provide the knowledge about all measures of central tendency and measures of dispersion with its merits, demerits and further applications
CO 3	Learner will gain sufficient knowledge about moments, skewness and kurtosis.
CO 4	Lerner will able to handle data with use of raw moments for ungrouped data, raw moments for grouped data, Central moments, Interrelationship between various moments, effect of change of

	origin and scale on moments, Charlier's checks, Sheppard's correction for moments Factorial moments.

UGSTAT-02

Probability and Distribution

CO 1	Learner will able to understand the concept of random experiment, random variables, probability, conditional probability and also Baye's Theorem.
CO 2	Under this course, learner gain knowledge about the basics of probability distributions, expectations, inequalities for moments, moment generating functions etc.
CO 3	This course gives the complete knowledge about discrete distributions and their properties and also the limiting case, relation between the discrete distributions and also fitting of distribution.
CO 4	This course gives the complete knowledge about continuous distributions and their properties and also the limiting case, relation between them and also the lack of memory property, area property.

UGSTAT-03

Correlation, Regression and Statistical Inference

CO 1	Learner should persist knowledge of correlation, inter and intra class correlation and regression.
CO 2	For the qualitative analysis, learner will able to understand theory of attributes and dichotomous classifications and measures of association.
CO 3	In this course, learner will have the knowledge of the inferential statistics in which they able to understand about estimation, procedure of estimation, properties of estimators and also the properties of good estimators and also knowledge about the Fisher's transformations.
CO 4	This course also provide the knowledge of testing of hypothesis, critical region, types of errors, test of significance; which helps for making the scientific and statistical decisions.
CO 5	This course gives knowledge about large sample test, parametric and nonparametric tests.

UGSTAT-04

Sampling Theory and Design of Experiment

CO 1	This course gives the concept of population, census and statistic, types of survey, sampling and sampling over complete enumeration .Simple Random Sampling with and without replacement, Stratified sampling, Systematic Sampling.
CO 2	Under this course learner will able to understand the knowledge of auxiliary variable, Ratio and Regression Method of estimation, Cluster sampling, Two Stage Sampling, Two Phase Sampling and also Multi Stage Sampling, Non Sampling errors: Response Errors and Non Response Errors.
CO 3	Learner will able to understand the Analysis of Variance (ANOVA), and linear model.
CO 4	Learner will able to understand concept about the Design of Experiments, CRD, RBD and LSD.

UGSTAT-05

Numerical Methods & Basic Computer Knowledge

CO 1	This course provides the knowledge of finite differences, interpolation with equal and unequal intervals, Lagrange's Interpolation.
CO 2	Under this course learner will able to understand about the Central Differences, Inverse Interpolation, Numerical Differentiation and also Numerical Integration.
CO 3	Learners also learn about the introduction and history of computers, generations of computers.
CO 4	It gives the knowledge about the hardware and system software.
CO 5	This course also provides the knowledge about the basic computer programming, concept of algorithm, flow charts and also programming languages.

UGSTAT-06

Applied Statistics

CO 1	This course gives the complete knowledge about the Index number, Price Index number, Cost Index number, criterion of a good index number.
CO 2	Under this course, learner will able to understand the knowledge about the Time Series Analysis, its utility, component, mathematical models, determination of trends and seasonal indices.
CO 3	Learner will able to understand about the concept of Demography, vital statistics, concept of fertility, mortality with their measurements and also knowledge of life table and measures of reproductively.
CO 4	Learner will also persist the knowledge about Statistical Quality Control, control charts for variables, control charts for attributes and also gain the knowledge of principles of acceptance sampling.

UGSTAT-07

Operation Research

CO 1	Learner should able to under about the operation research, linear programming problem (LPP), graphical and simplex method for solving LPP.
CO 2	Learner should able to know about duality problem, transportation problem and also assignment problem.
CO 3	Under this course, learner should able to understand the concept about the game theory, dominance rule, linear programming

UGSTAT-08

Advance Statistical Inference

CO 1	Under this course learner will able to understand about the concept of statistical inference, point estimation, cramer rao inequality and MVUE
CO 2	Learner will able to understand about the Sufficiency and factorization theorem, rao Blackwell theorem and invariance property
CO 3	This course also discuss about the minimum variance unbiased estimation, completeness, lehmann Scheffe theorem and Neyman Pearson Lemma.
CO 4	Learner should also able to understand about the Neyman- Pearson Lemma, Likelihood Ratio Test & Their Uses, Testing of Means of Normal Population, Confidence Interval & Confidence Coefficient,

	Neyman's Principle of Shortest Confidence Interval, Unbiased Confidence Interval and Shortest Unbiased Confidence Interval.

UGSTAT-09 (P) Practical Based on UGSTAT-01 & 02

CO 1	Learner should able to draw the bar diagram, multiple bar diagram, divided bar diagram, percentage bar diagram, pie chart, pictogram, leaf chart, histogram, frequency polygon, frequency curve, ogive.
CO 2	Learner should able to calculate the arithmetic mean, geometric mean, harmonic mean, median, mode, percentiles, deciles, and quartiles
CO 3	Learner should able to calculate the range, mean deviation, variance and standard deviation.
CO 4	Learner should able to calculate the central moments, factorial moments, measures of skewness, and measures of kurtosis.
CO 5	Learner should able to calculate the Moments, Moments Generating Function, Additive and Reproductive property,
CO 6	Learner should able to calculate the fitting of Binomial, Poisson, Geometric Distribution, Area property.

UGSTAT-10 (P) Practical Based on UGSTAT-03 & 04

CO 1	Learner should able to calculate Karl Pearson's coefficient of correlation, Spearman's rank correlation coefficients, Regression lines, Regression coefficient, Properties of Regression coefficients. Learner should also able to calculate Measures of Association of attributes, Yates Correction.
CO 2	Learner should able to calculate mean and variance of SRS, stratified sampling, systematic sampling
CO 3	Learner should able to calculate Method of Moments, method of Maximum Likelihood, Method of Scoring, Most Powerful Test, Uniformly Most Powerful Test. Learner should able to calculate problems through t-test, Z-test, F-test, chi square test.
CO 4	Learner should able to calculate Non Parametric Tests, Sign Test, Wilcoxon Signed- Rank Test, Mann- Whitney U-Test, Run Test
CO 5	Learner should able to analyse the CRD, RBD and LSD and also prepare the ANOVA table. Learner should able to found the missing plot technique of CRD, RBD and LSD.

UGSTAT-11 (P) Practical Based on UGSTAT-06 & 08

CO 1	Learner will able to calculate the calculation of Index Number, Laspeyre's, Paasche's, Marshall-Edgeworth's, fisher's formulae, Construction & Computation of Consumer Price Index Number (CPI)
CO 2	Learner will able to calculate the determination of trends through Method of Semi Averages, Method of Curve Fitting by the Principle of Least Squares, Method of Moving Averages
CO 3	Learner will able to calculate the values of CDR, SDR, StDR, MMR, IMR, CBR, GFR, ASFR, TFR,

	GRR, NRR.
CO 4	Learner will able to calculate the Control Charts for Mean, range, number of defectives, number of defects and also control charts for fraction defectives.

UGSTAT-12

Official Statistics

CO 1	Learner will able to understand the knowledge about official statistics, Statistical Methods for Total Quality Management, Quality Systems, ISO 9000 standards, QS 9000 standards. Concept of six-sigma.
CO 2	Learner will understand concepts of population and sample need for sampling, census and sample surveys, basic concepts in sampling and designing of large scale surveys, non-sampling errors, randomized response technique (Warner's model only)
CO 3	Learner have a concept of need for design of experiments, fundamental principles of design of experiments., Factorial Experiments, 2n, 32 factorial experiments, illustrations, main effects and interactions, confounding and illustrations
CO 4	This course persist the knowledge about statistical audit sampling, its advantage in audit, risk of statistical sampling, attributes vs variable sampling, audit hypothesis, testing of hypothesis, monetary unit sampling, risk based analysis, concept of alpha and beta risk, concept of tolerable misstatement.

PGDBSPS

Post Graduate Diploma in Bio-Statistics and Population Statistics

Program Objectives:

The educational objectives of the PGDBSPS program are to enable the learner gain skilled knowledge about the basic bio statistics and demography with the demographic models as well as its practical applications approach.

1. Produce knowledgeable and statistically sound skilled persons who work in the field of population sciences and biostatisticians.
2. Make the learners able to gain new and exclusive knowledge about the related field.
3. To prepare the learners to take up a step towards the job oriented skills.
4. To applicable for the further studies and researches.

Programme Outcomes (PO)

PO 1:	To imbibe strong foundation of statistics in learner. To familiarize learner with basic statistical concepts. To update learners with mathematical tools that aid in statistical theory. To strengthen learners' knowledge of basics of computers and data analysis. To promote application-oriented pedagogy by exposing learners to real world data and to prepare the learners to carry out
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	research and development work.
PO 2:	To understand the concept of scope and source of demographic data. To collect valid Demographic data using different methods. To learn basic measures of Mortality, Fertility, Migration and Population Growth. To construct life tables. To provide scientific approaches to develop the domain of human knowledge through empirical studies. To enable the learner researchers to understand basic concepts and aspects related to research, data collection, analyses and interpretation.
PO 3:	To study the different demographic parameters, birth interval analysis, concept of mobility, migration, life table etc.
PO 4:	To study the different fertility, mortality and migration models, Gompertz curve, stable and Stationary models, growth curves, stochastic models for populations.
PO 5:	To give the knowledge about research, research methodologies, its types, sampling theory and methods of data collection.
PO 6:	To understand the concept of descriptive statistics, measures of central tendency, measures of dispersion, association of attributes.
PO 7:	To understand the concept of testing of hypothesis, level of significance, parametric and non parametric tests, ANOVA and ANCOVA.
PO 8:	To understand the concept of all theories and their practical knowledge. Biostatistics is one area of Applied Statistics that concerns itself with the application of statistical methods to medical, biological, epidemiological and health related problems.
PO 9:	To understand the knowledge about Population, Concept of Sustainable Development, Theories of Development , Resources, Development, Population Projection and Policies, Different Methods of Population Projection, Gompertz curve and Growth Rate Models.

Course Outcomes

PGDBSPS-01

Population Studies: Concepts, Issues and Development

CO 1	Need to Study the Population, Classification of Natural Resources, Capital Resources, Human Resources, Role of UN and Other International Agencies, etc.
CO 2	Definition and Scope of Development, Indicators of Developments, Concept of Sustainable Development, Theories of Development.
CO 3	Concepts of Population Projection, its uses, Different Methods of Population Projection, Gompertz curve and Growth Rate Models.
CO 4	Principle Features of Policies, Policy, Formulation, Policy Indicators, National Population Policies, National Health Policy, National Rural Health Mission, National Health and Family Planning Programmes, etc.

PGDBSPS-02

Concept of Demography

CO 1	Learner will be able to understand about the definition and scope of demography source of demographic data.
CO 2	This course persist the knowledge about age sex structure, Aging of Population, Factors Affected Age Structure, Whipples and Myer's Indices.
CO 3	Learner will gain sufficient knowledge about Cole Fertility Indices, Reproduction Measures,

	Bongarts Proximate Determination, Birth Interval Analysis
CO 4	This course provides the knowledge about all measures of fertility, mortality, morbidity and migration and also the concept of life table.

PGDBSD-03

Research Methodology

CO 1	Learner should persist knowledge of Meaning and Types of Research, Significance of Research, About Research Problem and its Selection, Meaning and Need for Research Design. correlation, inter and intra class correlation and regression.
CO 2	Learner will able to understand theory of Sampling, Different Types of Sampling Designs.
CO 3	In this course, learner will have the knowledge of the Methods of Data Collection, Meaning and Techniques of Interpretation.
CO 4	This course also provides the knowledge about Meaning and Measurement of Scaling. Scale Construction Techniques

PGDBSD-04

Bio-Statistics

CO 1	This course gives the knowledge About Statistics, Measures of Central Tendency, Measures of Dispersion, Measures of Asymmetry, Measures of Relationship, Regression Analysis and Association of Attributes.
CO 2	Under this course learner will able to understand the knowledge of About Hypothesis and its Types, Level of Significance, Chi-Square Tests, t-tests, z-tests.
CO 3	Learner will able to understand the concept of Non Parametric Tests, Sign Tests, Run Tests, Wilcoxon Tests, and Kendall Tests, Etc
CO 4	Learner will able to understand concept about the Analysis of Variance and Co-Variance, Basic Principles of ANOVA and ANCOVA. (One Way, Two Way and Three Way Analysis).

PGDBSD-05

Practical and Viva-Voice

CO 1	Practical related with mortality and life tables.
CO 2	Practical related with Fertility, migration and growth rates
CO 3	Practical related with Research Methods and Sampling designs.
CO 4	Practical related with Bio-Statistics.

PGDBSD

Post Graduate Diploma in Bio-Statistics and Demography

Program Objectives:

The educational objectives of the PGDBSD program are to enable the learner gain skilled knowledge about the basic bio statistics and demography with the demographic models as well as its practical applications approach.

1. Produce knowledgeable and statistically sound skilled persons, biostatisticians and demographers.
2. Make the learners able to gain new and exclusive knowledge about the related field.
3. To prepare the learners to take up a step towards the job oriented skills.
4. To applicable for the further studies and researches.

Programme Outcomes (PO)

PO 1:	To imbibe strong foundation of statistics in learner. To familiarize learner with basic statistical concepts. To update learners with mathematical tools that aid in statistical theory. To strengthen learners' knowledge of basics of computers and data analysis. To promote application-oriented pedagogy by exposing learners to real world data and to prepare the learners to carry out research and development work.
PO 2:	To understand the concept of scope and source of demographic data. To collect valid Demographic data using different methods. To learn basic measures of Mortality, Fertility, Migration and Population Growth. To construct life tables. To provide scientific approaches to develop the domain of human knowledge through empirical studies. To enable the learner researchers to understand basic concepts and aspects related to research, data collection, analyses and interpretation.
PO 3:	To study the different demographic parameters, birth interval analysis, concept of mobility, migration, life table etc.
PO 4:	To study the different fertility, mortality and migration models, Gompertz curve, stable and Stationary models, growth curves, stochastic models for populations.
PO 5:	To give the knowledge about research, research methodologies, its types, sampling theory and methods of data collection.
PO 6:	To understand the concept of descriptive statistics, measures of central tendency, measures of dispersion, association of attributes.
PO 7:	To understand the concept of testing of hypothesis, level of significance, parametric and non parametric tests. Biostatistics is one area of Applied Statistics that concerns itself with the application of statistical methods to medical, biological, epidemiological and health related problems.
PO 8:	To understand the concept of all theories and their practical knowledge.
PO 9:	To understand the ANOVA and ANCOVA.

Course Outcomes

PGDBSD-01

Concept of Demography

CO 1	Learner will be able to understand about the definition and scope of demography source of demographic data.
CO 2	This course persist the knowledge about age sex structure, Aging of Population, Factors Affected Age Structure, Whipples and Myer's Indices.
CO 3	Learner will gain sufficient knowledge about Cole Fertility Indices, Reproduction Measures, Bongarts Proximate Determination, Birth Interval Analysis
CO 4	This course provides the knowledge about all measures of fertility, mortality, morbidity and migration and also the concept of life table.

PGDBSD-02

Demographic Models

CO 1	Learner will able to understand the concept of Brass P/F Ratio to Estimate Current Fertility Levels, Coales Models for Age Pattern of Fertility, Elementary Stochastic Processes. Fertility Models, Time of First Birth/Conception; Number of Births/Conceptions in a Specified Time; Birth Intervals. Study of fertility through Birth Interval Analysis.
CO 2	Under this course, learner gain knowledge about the basics of Life table and its Constitution. Makeham's and Gompertz Curve, Abridged Life Yables, Model-Life-Tables, National Life Tables and Nuptiality tables,
CO 3	This course gives the complete knowledge about Migration Rates and Ratio's Methods of Estimate Inter-Censal, Migration Using-Vital Statistics, Survival Ratio and Growth Rate, Migration Models, Indirect Measure of Net Internal Migration Based on Growth Rate Method, Methods to Estimate Inter-Censal Migration – Using Vital Statistics, Life Time Survival Ratio Method and Census Survival Methods, Estimation of International Migration.
CO 4	This course gives the complete knowledge about Stable and Stationary Populations. Use of Leslire's Matrix. Inter Censal And Post Censal Estimates. Growth Curves and Method of Their Fitting, Stochastic Models for Population Growth, Methods of Estimating Basic Demographic Measures from Incomplete Date. Logistic Curve and Its Fittings, Growth and Age- Sex Structure Of Projection, Conjectural Estimates, Mathematical and Statistical Methods, Component Method.

PGDBSD-03

Research Methodology

CO 1	Learner should persist knowledge of Meaning and Types of Research, Significance of Research, About Research Problem and its Selection, Meaning and Need for Research Design. correlation, inter and intra class correlation and regression.
CO 2	Learner will able to understand theory of Sampling, Different Types of Sampling Designs.
CO 3	In this course, learner will have the knowledge of the Methods of Data Collection, Meaning and Techniques of Interpretation.
CO 4	This course also provides the knowledge about Meaning and Measurement of Scaling. Scale Construction Techniques

PGDBSD-04**Bio-Statistics**

CO 1	This course gives the knowledge About Statistics, Measures of Central Tendency, Measures of Dispersion, Measures of Asymmetry, Measures of Relationship, Regression Analysis and Association of Attributes.
CO 2	Under this course learner will able to understand the knowledge of About Hypothesis and its Types, Level of Significance, Chi-Square Tests, t-tests, z-tests.
CO 3	Learner will able to understand the concept of Non Parametric Tests, Sign Tests, Run Tests, Wilcoxon Tests, and Kendall Tests, Etc
CO 4	Learner will able to understand concept about the Analysis of Variance and Co-Variance, Basic Principles of ANOVA and ANCOVA. (One Way, Two Way and Three Way Analysis).

PGDBSD-05**Practical and Viva-Voice**

CO 1	Practical related with mortality and life tables.
CO 2	Practical related with Fertility, migration and growth rates
CO 3	Practical related with Research Methods and Sampling designs.
CO 4	Practical related with Bio-Statistics.

Programme: Bachelor of Science

Program Outcomes (PO):

PO1:	This programme forms the basis of science and comprises of the subjects like Physics, Chemistry, Mathematics, Zoology, Botany, Biochemistry, Statistics and Computer Science.
PO2:	It helps to develop scientific temper and thus can prove to be more beneficial for the society as the scientific developments can make a nation or society to grow at a rapid pace.
PO3:	After the completion of this programme learner's have the option to go for higher studies i.e. M. Sc and then do some research for the welfare of mankind.
PO4:	After higher studies learner's can join as scientist and can even look for professional job oriented courses.
PO5:	This programme also offers opportunities for serving in Indian Army, Indian Navy, Indian Air Force as officers.
PO6:	After this programme learner's have the option to join Indian Civil Services as IAS, IFS etc..
PO7:	Science graduates can go to serve in industries or may opt for establishing their own industrial unit.
PO9:	After the completion of the B.Sc. degree there are various other options available for the science learner's. Often, in some reputed universities or colleges in India and abroad the learner's are recruited by big MNC's after their completion of the course.
PO10:	Apart from the research jobs, learner's can also work or get jobs in Marketing, Business & Other technical fields. Science graduates also recruited in the bank sector to work as customer service executives. Learner's can also find employment in government sectors.
PO11:	Able to understand interdisciplinary studies, with a strong focus on aspects of human culture and achievements in social and behavioral sciences.
PO12:	The program aims to provide learner's to understand the use of English Grammar and Communication Skills. It is related to improve the learners proficiency in English by developing their skills in reading, writing, listening and speaking. It also deals with knowledge and skills of daily oral and written practice of Hindi language, use of Hindi language in offices and correct use of Hindi in various fields.
PO13:	The program also designed to focus on understandability of information technology, concept of open and distance learning, medicinal use of plants and provide awareness to environmental studies.
PO14:	The learner is able to understand the disposal of solid waste, nutrition for the community and aware about the possible mechanism for disaster management.
PO15:	The program aims to provide learner's to understand the use of office tools and fundamental of computers

Program Specific Outcomes (PSO):

B. Sc.		
	Group: Physical Sciences	Group: Life Sciences
PSO1:	Able to concentrate on Chemistry, Physics, Mathematics, Statistics and Computer Science.	Able to acquire knowledge regarding Botany, Zoology, Chemistry, Biochemistry and Statistics.
PSO2:	Able to demonstrate a scientific knowledge of the core physics principles in Mechanics, Electromagnetism, Modern Physics, and Optics.	Able to recognize the relationship between structure and function at all levels: molecular, cellular, and organismal.
PSO3:	Able to demonstrate basic manipulative skills in algebra, geometry, trigonometry, and beginning calculus.	Acquire knowledge of Plant diversity, cell biology, plant ecology.
PSO4:	Able to apply the underlying unifying structures of mathematics (i.e. sets, relations and functions, logical structure) and the relationships among them.	Acquire knowledge of genetics, Plant physiology, Taxonomy and Evolution, Development Biology
PSO5:	Can investigate and apply mathematical problems and solutions in a variety of contexts related to science, technology, business and industry, and illustrate these solutions using symbolic, numeric, or graphical methods.	Able to understand Animal diversity, cell biology, Animal ecology, genetics, Animal physiology, Taxonomy and Evolution, Development Biology
PSO6:	Acquire knowledge of Chemical Thermodynamics, Kinetics, Electrochemistry, Atomic Structure, Organic Chemistry, Spectroscopy and Skill in Industrial Chemistry.	Acquire knowledge of Chemical Thermodynamics, Kinetics, Electrochemistry, Atomic Structure, Organic Chemistry, Spectroscopy and Skill in Industrial Chemistry.
PSO7:	Able to demonstrate basic statistical skills in probability, distribution, correlation, regression, inference, operation research.	Able to demonstrate basic statistical skills in probability, distribution, correlation, regression, inference, operation research.
PSO8:	Able to define and explain major concepts in the computer science.	Able to define and explain major concepts in the biological sciences.
PSO9:	The learner will determine the appropriate level of technology for use in: a) experimental design and implementation, b) analysis of experimental data, and c) mathematical methods in problem solutions.	They are able to correctly use biological instrumentation and proper laboratory techniques.
PSO10:	Investigate and apply mathematical problems and solutions in a variety of contexts related to science, technology, business and industry, and illustrate these solutions using symbolic, numeric, or graphical methods.	Learner's will be able to communicate biological knowledge in oral and written form
PSO11:	Can join Indian Air Force, Indian Navy and can also go for other competitive exams. He can go for higher studies in Mathematics, Chemistry, Physics or Geography.	They can go for Indian Forest Service and other competitive examinations.

PSO12:	He can join as a scientist in research institutes of immense knowledge having a great scope for growth and development.	They can opt for higher studies in Botany, Zoology, Chemistry, biochemistry, and Biotechnology.
PSO13:	Banking sector is another good option	Biochemistry and biotechnology is another fast growing field which is more applicable in Industries and Hospitals.

Course Outcomes: CHEMISTRY (UGCHE)

UGCHE- 01 Atoms and Molecules	
CO1:	Relationship of course with other branches of chemistry
CO2:	Fundamental concept of atomic and molecular structures and contribution of scientists in the development of these concepts.
CO3:	Importance of physical methods in identifying the structure of simple molecules.
CO4:	Constitution of atomic nuclei and radioactivity.

UGCHE -03: Inorganic Chemistry-I	
CO1:	Importance of inorganic chemistry
CO2:	Relationship of inorganic chemistry with other branches of chemistry.
CO3:	Role of periodic table in systematising the study of inorganic chemistry.
CO4:	Periodic trends in the properties of elements and their compounds in terms of their compounds
CO5:	Properties of elements and their compounds in terms of structure and bonding.
CO6:	General method of isolation and purification of metals.
CO7:	Importance of elements and their compounds on living systems.

UGCHE -04: Physical Chemistry-I	
CO1:	Explain the main features of gas, liquid and solid states.
CO2:	Importance of x-ray diffraction in structure determination.
CO3:	Explain states and laws of thermodynamics.
CO4:	Importance of free energy change of a reaction in determining its feasibility.
CO5:	Salient features of physical and chemical equilibria.
CO6:	Dependence of reaction rates on concentration, surface and temperature.
CO7:	Main aspects of photochemical reactions.
CO8:	Characteristics and importance of colloids, gels and emulsions.

UGCHE -05: Organic Chemistry-I	
CO1:	Organic molecules bonding, functional group classification and Nomenclature.
CO2:	Organic compound symmetry and isomerism.
CO3:	Organic Compounds properties and identification by spectroscopy.
CO4:	Acidic and basic characteristic of organic compounds.
CO5:	Types of organic compounds and their derivatives with their properties.

UGCHE -09: Biochemistry	
CO1:	Identification the common chemical and structural features of the fundamental units of an organisms.
CO2:	Identify the biochemical significance and various biomolecules.
CO3:	To explain importance and mechanism of some common metabolic pathways and the energetics involved in a cell.
CO4:	To describe the biosynthesis of some biomolecules along with the basic principles of immunology and biotechnology.

UGCHE-11: Mathematical Methods	
CO1:	Perform the operations of complementation, union and intersection on sets.
CO2:	Perform arithmetic operations on functions.
CO3:	Define trigonometric ratios of angles and trigonometric functions of real numbers.
CO4:	Find the first and second order partial derivatives of a function of two variables given in explicit, implicit or parametric form.
CO5:	Distinguish between ordinary and partial differential equations and between the order and the degree of an equation.
CO6:	Apply the binomial and the Poisson distributions to solve problems.

UGCHE-12 : Organic Reaction Mechanism
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CO1:	Organic Reaction Mechanism Introduction type of mechanism, reagents and type of reactions.
CO2:	Learn about kinetics and mechanism of reactions.
CO3:	Oxidation and reduction in organic reactions.
CO4:	Pericyclic reactions and mechanism.
CO5:	Organic strategies of synthesis.

UGCHE-13:Statistical Methods	
CO1:	Understand methods of various scientific data collection and their qualitative measurement.
CO2:	Diagrammatic and graphical representation of data.
CO3:	Information regarding measures of central tendency and dispersion.
CO4:	Knowledge of moments, skewness and kurtosis

M.Sc. Biochemistry (PGBCH)

Programme Outcomes:

PO1	It is expected that each student will understanding the molecular logic of life and being able to participate in the acquisition of this knowledge is integral to the liberal education.
PO2	It is expected that each student is independent in their thought processes after the course and can make a choice of their subsequent career.
PO3	It is expected that each student will ale to learn about physiology and metabolic process of human being.
PO4	It is expected to build on their knowledge and understanding in tackling more advanced and specialized courses, and more widely to pursue independent, self-directed and critical learning.
PO5	This program helps to student to develop research, analytical, presentation skills and advanced scientific methods.
PO6	This program makes student self-reliant y running diagnostic centre through apply practical and theoretical concept of biochemistry.

Course Outcomes

PGBCH-01- Cell Biology and Bio-molecules

CO1	Introduction, history and various prospects of biochemistry and also promote student to develop professional understanding after reading biochemistry.
CO2	To describe about cell structure and cell organelles and their component that is the part of biochemical organization.
CO3	To demonstrate knowledge and understanding of the principles that govern the structures of macromolecules and their participation in molecular recognition;
CO4	To demonstrate knowledge and understanding of the molecular machinery of living cells.
CO5	Discuss classification, nomenclature and reaction mechanism of enzymes and their role in metabolic process of living cells.
CO6	The nucleoside and nucleotide structure and function are discussed briefly to understand the basic structure of DNA and RNA.

PGBCH-02- Analytical Biochemistry

CO1	General introduction of instrumentation techniques for biochemical process.
CO2	Basic introduction of various spectroscopy techniques and applications
CO3	Discuss principles and instrumentation of chromatography.
CO4	Principles of centrifugation and its application in biomolecules detection.
CO5	Discuss different types of light and election microscopy for biological specimen study with Basic principles and instrumentation.

PGBCH-03- Nutrition and Physiology

CO1	To discuss the chemical nature of biological macromolecules, their three-dimensional construction, and the principles of molecular recognition.
CO2	To discuss the dietary requirements of man their types, selections, nutritional value and digestion domestic animals

CO3	Discuss about different dietary sources and their biochemical function. Deficiency diseases associated with vitamins.
CO4	Discuss about air passages and lung structure, work of breathing and its regulation.
CO5	Introduction to physiology like blood composition and functions of plasma.
CO6	Introduction to digestive and respiration system.

PGBCH-04- Bioenergetics and Metabolism

CO1	To understand the metabolism of dietary and endogenous carbohydrate, lipid, and protein
CO2	Process of biological oxidation-reduction and reactions phosphate group transfer photosynthetic light.
CO3	Discuss the coenzymes and cofactor. Types and function of NAD ⁺ ,FAD
CO4	Details study of carbohydrate metabolism such as oxidative phosphorylation, gluconeogenesis. Energetics and regulation of metabolic cycles
CO5	General reactions of amino acids metabolism, transamination, decarboxylation, deamination
O6	Urea cycle and its metabolism and regulation.

PGBCH-05- Practical based on 101,102,103 and 104

CO1	Introduction of various techniques, manuals and solvent used in the laboratory.
CO2	To use basic laboratory skills and apparatus to obtain reproducible data from biochemical experiments;
CO3	To implement experimental protocols, and adapt them to plan and carry out simple investigations;
CO4	Estimation of nutritional values by using manuals.
CO5	Conformational test of carbohydrate and proteins.
CO6	Diagnosis of urea cycle and their metabolism.

PGBCH-06- Advance Immunology

CO1	Introduction to immunology and immune system , also discuss innate immunity and acquire immunity
CO2	Discus cell, organ in immune system, immunogens, organization and expression of immunoglobulin genes.
CO3	Introduction the maturation, activation and differentiation of macrophages and different cells like B-cells and T-cells,
CO4	Discuss the cell and organs Classification of common vaccines for humans of immune System.
CO5	Introduction to Antigens processing and classification of common vaccines for humans
CO6	Discuss about immune response system and immune response to infection diseases and hypersensitivity

PGBCH-07-Research methodology

CO1	Brief introduction to research methodology, research objective and their significance
CO2	Discuss about research problems and sampling design, necessity of and techniques in defining the problem, characteristics of good sampling procedure

CO3	Different methods of data collection, processing and analyzing the data under applying different methods.
CO4	Discuss meaning concept of types of hypothesis and their limitation in basic research
CO5	Discuss the role of computer in data analysis by applying their tools and techniques
CO6	Introduction to spreadsheet package and presentation tools, creating a professional newsletter

PGBCH-08- Bio-Statistics

CO1	Brief introduction and role of biostatistics in health sciences.
CO2	Introduction to research methodology and significance of research.
CO3	Basic concepts of probability and their application in biostatistics.
CO4	Probability distributions and testing of statistical hypotheses.
CO5	Discuss various types of sampling methods in research.
CO6	Analysis of variance and multi-sample comparison, clinical measurements

PGBCH-09- Bio-Informatics

CO1	Introduction, aim, scope, and role of bioinformatics in molecular level.
CO2	General introduction of biological data base, data base management system and browsing.
CO3	Na discuss briefly sequence data base and molecular modeling database
CO4	Discuss the classification scheme of biological databases and national center for biotechnology information (ncbi)
CO5	Discuss the protein 3d structure and classification database, protein database bank and chemical database.
CO6	Molecular simulation and drug designing, nucleotide database.

PGBCH-10- Microbiology and immunology

CO1	Introductions to microbial diversity, their classification and nomenclature
CO2	Discuss the modern approaches to bacterial taxonomy and microbial growth
CO3	Discuss the role of nutritional and growth in microorganism
CO4	Microbial diseases with reference to tuberculosis, cholera, AIDS, Rabies.
CO5	Briefly discuss bacterial and virus diseases and their toxicology
CO6	Discuss antibiotics- mode of action, mechanism of drug resistance.

PGBCH-11- Enzymology and Enzyme Technology

CO1	Introduction to enzymes and its nomenclature, the general properties of enzymes coenzyme and enzyme proteins will also discuss
CO2	Discuss different types of enzymatic mechanism and all factors that affecting the enzyme catalyzed reactions.
CO3	Discuss enzymes kinetic and enzymes inhibition, the Enzyme engineering-strategies also discuss.
CO4	Briefly discuss isolation and purification of enzymes
CO5	Discuss briefly about enzymes substrate complex, mechanism of enzyme action and regulation
CO6	Applications, advantages and disadvantages of enzymes

PGBCH-12- Basic Biotechnology

CO1	Basic understanding of biotechnology, its introduction, scope and application in medicine, industry, agriculture and environment.
CO2	To discuss the role of biotechnology in food industry for production of beer, cheese and antibiotics
CO3	Discuss the Bio-transformations, accumulation and various application in medical and pharmaceutical.
CO4	To discuss the upstream and downstream processing
CO5	Discuss the principles and applications of bio techniques
CO6	Briefly discuss cell culture- methods and applications

PGBCH-13- Industrial Biochemistry

CO1	Introduction, Classification, Structure and properties of amino acids
CO2	Discuss Structure, function and interaction of proteins
CO3	Discuss the biosynthesis of purines and pyrimidines and interaction between DNA- drug
CO4	Industrial production of Alcohol, citric, acetic and gluconic, and penicillin.
CO5	Discuss the classification and structure, their synthesis and breakdown of carbohydrate
CO6	Introduction to biosynthesis of fatty acids and their metabolisms

PGBCH-14 (P)-

CO1	Preparation of different culture media, Isolation and detection of various microorganisms.
CO2	Diagnosis toxic bacteria and virus and also estimate mechanism of drug resistance.
CO3	Detect the mechanism of enzyme substance reaction
CO4	Detect role of enzyme in reaction
CO5	Fermentation of alcohol and citric acids
CO6	Diagnose DNA and drug interaction

PGBCH-16- Cognitive Science and Human behaviors

CO1	Brief introduction of cognitive psychology and memories improvement
CO2	Discuss the biological cycles and cognitive performance
CO3	Discuss the characteristic of working memory and biological cycle and cognitive performance
CO4	The short terms working memory and attention and cognitive failure also discuss briefly
CO5	Discuss drugs and cognitive performance
CO6	Discuss intuitive statistical, judgment and decision

PGBCH-17 -Clinical Biochemistry

CO1	Brief introduction of clinical biochemistry specially nutrition and drugs
CO2	Discuss the significance for clinical and veterinary practice of the molecular approach to medical science
CO3	Introduction to transport and storage of plasma protein and acid base balance and blood gases
CO4	Discuss protein of the innate immune system
CO5	Discuss kidney and liver functions
CO6	Control of calcium and carbohydrates metabolism

PGBCH-18-Neuro- Science

CO1	Basic introduction of neurology in terms of their structure and neuron diversity. The organization of the peripheral and central nervous system and, brain imaging also discuss.
CO2	Discuss the neuron excitation and action potentials introduce briefly.
CO3	Discuss morphology of chemical synapse and overview of synaptic function
CO4	General introduction of neurotransmitters and their roles in neurons
CO5	Introduction to developmental neurobiology, motivation and addictions
CO6	Discuss the types of learning, physiological psychology of memory and brain disorder.

Programme: Bachelor of Science

Program Outcomes (PO):

PO1:	This programme forms the basis of science and comprises of the subjects like Physics, Chemistry, Mathematics, Zoology, Botany, Biochemistry, Statistics and Computer Science.
PO2:	It helps to develop scientific temper and thus can prove to be more beneficial for the society as the scientific developments can make a nation or society to grow at a rapid pace.
PO3:	After the completion of this programme learner's have the option to go for higher studies i.e. M. Sc and then do some research for the welfare of mankind.
PO4:	After higher studies learner's can join as scientist and can even look for professional job oriented courses.
PO5:	This programme also offers opportunities for serving in Indian Army, Indian Navy, Indian Air Force as officers.
PO6:	After this programme learner's have the option to join Indian Civil Services as IAS, IFS etc..
PO7:	Science graduates can go to serve in industries or may opt for establishing their own industrial unit.
PO9:	After the completion of the B.Sc. degree there are various other options available for the science learner's. Often, in some reputed universities or colleges in India and abroad the learner's are recruited by big MNC's after their completion of the course.
PO10:	Apart from the research jobs, learner's can also work or get jobs in Marketing, Business & Other technical fields. Science graduates also recruited in the bank sector to work as customer service executives. Learner's can also find employment in government sectors.
PO11:	Able to understand interdisciplinary studies, with a strong focus on aspects of human culture and achievements in social and behavioral sciences.
PO12:	The program aims to provide learner's to understand the use of English Grammar and Communication Skills. It is related to improve the learners proficiency in English by developing their skills in reading, writing, listening and speaking. It also deals with knowledge and skills of daily oral and written practice of Hindi language, use of Hindi language in offices and correct use of Hindi in various fields.
PO13:	The program also designed to focus on understandability of information technology, concept of open and distance learning, medicinal use of plants and provide awareness to environmental studies.
PO14:	The learner is able to understand the disposal of solid waste, nutrition for the community and aware about the possible mechanism for disaster management.

PO15:	The program aims to provide learner's to understand the use of office tools and fundamental of computers
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Program Specific Outcomes (PSO):

B. Sc.		
	Group: Physical Sciences	Group: Life Sciences
PSO1:	Able to concentrate on Chemistry, Physics, Mathematics, Statistics and Computer Science.	Able to acquire knowledge regarding Botany, Zoology, Chemistry, Biochemistry and Statistics.
PSO2:	Able to demonstrate a scientific knowledge of the core physics principles in Mechanics, Electromagnetism, Modern Physics, and Optics.	Able to recognize the relationship between structure and function at all levels: molecular, cellular, and organismal.
PSO3:	Able to demonstrate basic manipulative skills in algebra, geometry, trigonometry, and beginning calculus.	Acquire knowledge of Plant diversity, cell biology, plant ecology.
PSO4:	Able to apply the underlying unifying structures of mathematics (i.e. sets, relations and functions, logical structure) and the relationships among them.	Acquire knowledge of genetics, Plant physiology, Taxonomy and Evolution, Development Biology
PSO5:	Can investigate and apply mathematical problems and solutions in a variety of contexts related to science, technology, business and industry, and illustrate these solutions using symbolic, numeric, or graphical methods.	Able to understand Animal diversity, cell biology, Animal ecology, genetics, Animal physiology, Taxonomy and Evolution, Development Biology
PSO6:	Acquire knowledge of Chemical Thermodynamics, Kinetics, Electrochemistry, Atomic Structure, Organic Chemistry, Spectroscopy and Skill in Industrial Chemistry.	Acquire knowledge of Chemical Thermodynamics, Kinetics, Electrochemistry, Atomic Structure, Organic Chemistry, Spectroscopy and Skill in Industrial Chemistry.
PSO7:	Able to demonstrate basic statistical skills in probability, distribution, correlation, regression, inference, operation research.	Able to demonstrate basic statistical skills in probability, distribution, correlation, regression, inference, operation research.
PSO8:	Able to define and explain major concepts in the computer science.	Able to define and explain major concepts in the biological sciences.
PSO9:	The learner will determine the appropriate level of technology for use in: a) experimental design and implementation, b) analysis of experimental data, and	They are able to correctly use biological instrumentation and proper laboratory techniques.

	c) mathematical methods in problem solutions.	
PSO10:	Investigate and apply mathematical problems and solutions in a variety of contexts related to science, technology, business and industry, and illustrate these solutions using symbolic, numeric, or graphical methods.	Learner's will be able to communicate biological knowledge in oral and written form
PSO11:	Can join Indian Air Force, Indian Navy and can also go for other competitive exams. He can go for higher studies in Mathematics, Chemistry, Physics or Geography.	They can go for Indian Forest Service and other competitive examinations.
PSO12:	He can join as a scientist in research institutes of immense knowledge having a great scope for growth and development.	They can opt for higher studies in Botany, Zoology, Chemistry, biochemistry, and Biotechnology.
PSO13:	Banking sector is another good option	Biochemistry and biotechnology is another fast growing field which is more applicable in Industries and Hospitals.

Course Outcomes

UGBCH-01 (Introduction to Biochemistry)

CO1	History and scope of Biochemistry.
CO2	Water and its unique properties.
CO3	Cell structure and their functions.
CO4	Structure and functions of cell nucleolus.
CO5	Classification and structure of amino acids.
CO6	Classification and structure of proteins.

Course Outcomes

UGBCH-02 (Intermediary Metabolism)

CO1	Introduction to bioenergetics
CO2	State functions, equilibrium constant, coupled reactions, and free energy
CO3	Importance of ATP and other compounds of high energy potential.
CO4	Electron transport chain-its organization and function
CO5	Photosystem I and Photosystem II
CO6	Oxidative phosphorylation and mechanism of ATP synthesis

Course Outcomes

UGBCH-03 (Bio Analytical Techniques)

CO1	Basic concept of bio analytical techniques
CO2	Properties of Light: light spectra, wave length, plane polarized light
CO3	Partition chromatography, exchange, gel filtration chromatography

CO4	Applications of colorimetry.
CO5	Principles of electrophoresis,
CO6	Applications of centrifugation and density gradient.

Course Outcomes

UGBCH-04 (Nutritional Biochemistry)

CO1	Dietary requirements of carbohydrates, lipids and proteins.
CO2	Concept of BMR, factors affecting BMR and measurement of fuel value of foods.
CO3	Measurement of energy expenditure, factors affecting thermogenesis.
CO4	Hormonal regulation of blood glucose.
CO5	Role of fibre in lipid metabolism
CO6	Types of fats dietary fats, role of omega-3 fatty acids in living human body.

Course Outcomes

UGBCH-06 (Immunology)

CO1	Classification, types and functions of antibodies
CO2	Diversity in Immune system
CO3	Measurement of antigen-antibody interactions,
CO4	Concept of autoimmunity
CO5	Immune tolerance and hypersensitivity
CO6	

Course Outcomes

UGBCH-07 (Enzymology)

CO1	Basic concept and classification of enzymes.
CO2	Role cofactors, mode of action of coenzymes
CO3	Enzymes kinetics: enzymes classification
CO4	Reversible and irreversible inhibition
CO5	Mechanism of enzyme Action
CO6	Enzymes used in clinical biochemistry as reagents, diagnostics and therapy

Course Outcomes

UGBCH-08 (Plant Biochemistry)

CO1	Electron Transport System in Plants
CO2	Enzyme of nitrate reduction and their regulation

CO3	Nitrogen fixation and assimilation
CO4	Classification and biosynthesis of Terpenes
CO5	Heavy metals and their impact on plant growth and metabolism
CO6	Cyclic and non cyclic photophosphorylation

Course Outcomes

UGBCH-09 (Statistical methods)

CO1	Meanings, definitions and applications of statistics.
CO2	Measurements of qualitative data, methods of data collection, and types of data.
CO3	Thmetic mean, geometric mean, harmonic mean and median.
CO4	Frequency distribution, tabulation of data, diagrammatical representation of data, Bar diagram.
CO5	Types of measures of dispersion, range, mean deviation, efficiency, sufficiency, confidence, interval estimation.
CO6	Scatter diagram, karl pearson's coefficient of correlation.

Course Outcomes

UGBCH-11 (Spectroscopy)

CO1	Application of spectroscopy in biochemistry.
CO2	Pualitative and quantitative analysis by UV-Visible spectroscopy.
CO3	Applications of adsorption spectroscopy.
CO4	Theory and principle of infrared spectroscopy.
CO5	Principle of adsorption spectroscopy.
CO6	Principle of fluorescence.

Programme: Bachelor of Science

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PSO3:	Able to demonstrate basic manipulative skills in algebra, geometry, trigonometry, and beginning calculus.	Acquire knowledge of Plant diversity, cell biology, plant ecology.
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Course Outcomes

UGBY-01 (Plant Diversity-I)

CO1	Understand the diversity of plant.
CO2	Knowledge of morphology, cell structure and life cycle of various algae.
CO3	Habitats, morphology, life cycle of fungi and their economic importance.
CO4	Morphology, anatomy and life cycle of various living and fossil genus of pteridophytes

Course Outcomes

UGBY-02 (Plant Diversity-II)

CO1	Understand morphology, anatomy, life cycle and economic importance of important genera of gymnosperm.
CO2	General information of flowering plants.
CO3	Economic importance of various parts of plant.
CO4	Identify various families of angiosperm

Course Outcomes

UGBY-05 (Cell Biology)

CO1	Knowledge of plant cell with tools and techniques involved in the study of cell.
CO2	Understand membrane transport process
CO3	Regulation and mechanism of metabolic process of plant.
CO4	Salient features of cell division in plants cell.

Course Outcomes

UGBY-06 (Plant Ecology)

CO1	Understand the concept of environment, ecology and ecosystem.
CO2	Structure and organization of ecosystem with biotic and abiotic component
CO3	Energy flow and nutrient cycle in ecosystem.
CO4	Community, population and role of ecology in human welfare.

Course Outcomes

UGBY-07 (Genetics)

CO1	Understand the Mendel's laws of Heredity.
CO2	Concept of linkage, crossing over and chromosome mapping
CO3	Extranuclear inheritance, structural, numerical abnormalities in chromosome and their effects.
CO4	Knowledge of nature and structure of genetic material.
CO5	Structure and functions of gene.

Course Outcomes

UGBY-08 (Plant physiology)

CO1	Understand different process of plant water relation.
CO2	Understand process of photosynthesis.
CO3	Process of biological Nitrogen fixation.
CO4	Plant hormones and their role in physiology of plant.
CO5	Knowledge of tissue culture techniques and application

Course Outcomes

UGBY-09 (Development Biology)

CO1	Knowledge about gametogenesis of anther and ovule.
CO2	Pollination, fertilization along with development of embryo and endosperm
CO3	Understand Polyembryony and its application
CO4	Development of fruits and their dispersal.
CO5	Apomixis, its type and significance.

Course Outcomes

UGBY-10 (Taxonomy and Evolution)

CO1	Understand aims, objectives and importance of taxonomy.
CO2	Various systems of plant classification.
CO3	Concept of binominal nomenclature.
CO4	Understand the various tools and trends used in taxonomy
CO5	Theories of organic evolution.

Course Outcomes

UGBY-11 (Statistical)

CO1	Understand methods of various scientific data collection and their qualitative measurement.
CO2	Diagrammatic and graphical representation of data.
CO3	Information regarding measures of central tendency and dispersion.
CO4	Knowledge of moments, skewness and kurtosis

Programme: Bachelor of Science

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Course Outcomes

UGMM-01 (Calculus)

CO1	Mean value theorems and its generalizations leading to Taylors and Maclaurin's series useful in the analysis of Mathematics.
CO2	Evaluation of multiple integrals and its application to find area bounded by curves, volume bounded by surfaces, Centre of gravity and Moment of inertia.
CO3	To trace the curve for a given equation and measure arc length of various curves.
CO4	Advanced integration techniques such as Reduction formulae, Beta functions, Gamma functions, Differentiation under integral sign and Error functions needed in evaluating multiple integrals and their applications.
CO5	To understand the meaning of the derivative in terms of a rate of change and local linear approximation and should be able to use derivatives to solve a variety of problems.
CO6	To understand the relationship between the derivative and the definite integral as expressed in both parts of the Fundamental Theorem of Calculus.
CO7	Relationship between the increasing and decreasing behavior of function and the sign of function.

Course Outcomes

UGMM-02 (Linear Algebra)

CO1	The essential tool of matrices and linear algebra in a comprehensive manner for analysis of system of linear equations, finding linear and orthogonal transformations, Eigen values and Eigen vectors applicable to mathematical problems.
CO2	To find an Echelon form or the reduced echelon form of a matrix using elementary row operations.
CO3	To rewrite linear systems of equations in matrix form to determine whether the system is consistent or inconsistent and write the solution set for consistent systems.
CO4	To determine if a set of vectors is linearly dependent or independent.
CO5	To determine whether the subset of a linear space is a subspace of that space or not, verify if a set of vectors constitutes a basis for the linear space find a basis for a subspace and find a basis for the subspace spanned by the given set of vectors.
CO6	By Cayley-Hamilton theorem, find inverse of matrix.

Course Outcomes

UGMM-04 (Elementary Algebra)

CO1	Describe sets verbally using appropriate mathematical terms and be able to write sets in roster form and set-builder notation. Determine whether a set is finite or infinite, equal, equivalent, subsets, proper subsets or neither.
CO2	Determine the cardinal number of a set, Find the complement of a set and the intersection and union involving two or more sets. Draw and use Venn diagrams to solve problems involving the

	intersection and union of sets.
CO3	Use matrices to solve a system of equations by Cramer's rule and Gauss elimination method
CO4	Algebraic equation can be solve with the help of Cardano's Ferrari's Descartes's method.
CO5	To know methods of finding the nth roots of complex numbers and the solutions of polynomial equations.
CO6	Complex number can be converted into exponential form and trigonometric form.

Course Outcomes

UGMM-05 (Analytical Geometry)

CO1	The concepts of solid geometry using equations of sphere, cone and cylinder in a comprehensive manner
CO2	Check whether a given second degree equation in three variables represent a sphere, obtain the equation of a sphere if you know its centre and radius.
CO3	Check whether a given line is a tangent to a sphere, obtain the angle of intersection of two intersecting sphere and also find the family of a sphere passing through a given circle.
CO4	Obtain the equation of cone if you know its vertex and base curve, obtain the tangent planes and obtain the equation of right circular cylinder if you know its axis and base curve.
CO5	Prove and use the fact that a second degree equation in three variables represent a cone with vertex at the origin if it is homogeneous.
CO6	Check whether a given conicoid has a centre or not if a conocoid has a centre obtain the tangent lines and tangent plane to standard form.

Course Outcomes

UGMM-06 (Abstract Algebra)

CO1	Observe how sets form groups under different binary operations and how to construct composition tables for finite groups and discuss the elementary properties of a group and subgroup.
CO2	Define the concept of homomorphism and isomorphism, Calculate number of generators of a cyclic group
CO3	Discuss applications of Lagrange's theorem
CO4	Understand the definition of ring and observe how different sets equipped with two binary operations form rings. Discuss the elementary properties of rings and subring
CO5	Define and illustrate the concept, characteristic, kernel, homomorphism, ideal of a ring and subring
CO6	Prove Fundamental theorem of homomorphism for groups, rings and fields and some isomorphism theorems.

Course Outcomes

UGMM-08 (Differential Equations)

CO1	Solve first-order linear differential equations, finding both the general solution and the solution satisfying a specified initial condition.
CO2	Determine whether a first-order equation is exact and, when it is exact, solve the equation. If not then find its integrating factors after multiplication by IF non exact differential equation

	becomes exact, solve the equation.
CO3	The effective mathematical tools for solutions of first order differential equations that model physical processes such as Newton's law of cooling, rectilinear motion, etc. and also find orthogonal trajectory.
CO4	Solve higher order linear differential equation using appropriate techniques for finding both the general solution and particular solution satisfying a specified initial condition.
CO5	Linear differential equations of higher order using analytical methods and numerical methods.
CO6	Solve higher-order linear equations with constant coefficients and find the solution satisfying specified initial conditions, determine whether solutions of such an equation are linearly independent.

Course Outcomes

UGMM-09 (Real Analysis)

CO1	To evaluate various limit problems both algebraically and graphically, check the continuity, differentiability of various types of functions.
CO2	Describe fundamental properties of the real numbers that lead to the formal development of real analysis. Comprehend regions arguments developing the theory underpinning real analysis
CO3	Demonstrate and understanding of limits and how that are used in sequences, series and differentiation.
CO4	Understand the concept of sequences and series and establish whether a given series/ sequences is convergent/ divergent at a specified point or an interval.
CO5	To understand First MVT of integral calculus, second MVT of integral calculus (both Bonnet's and Weierstrass' form) and their applications
CO6	Define the definite integral of a given function and check whether a given function is integral or not

Course Outcomes

UGMM-10 (Numerical Analysis)

CO1	To provide sound knowledge of various numerical methods.
CO2	To apply various numerical methods to obtain solution of different types of equations such as transcendental, algebraic etc.
CO3	To familiar with numerical solutions of nonlinear equations in a single variable.
CO4	Work out numerical differentiation and integration whenever routine methods are not applicable; apply different numerical methods for finding interpolation, differentiation and numerical integration.
CO5	Identify various types of equations and apply appropriate numerical method to solve ODE of first order, second order differential equations and simultaneous linear differential equation etc.
CO6	Apply and compare various numerical methods to solve first and second order ODE and to solve linear simultaneous equations.

Course Outcomes

UGMM-11 (Probability and Statistics)

CO1	Apply statistical methods like correlation, regression analysis in analyzing, interpreting experimental data and probability theory in testing and quality control.
CO2	Calculate and interpret the correlation between two variables.
CO3	Use Binomial, Poisson and normal probability distribution to solve statistical problems and Use the including standard normal curve calculations of appropriate areas.
CO4	Derive the probability density function of transformation of random variables.
CO5	Calculate the Chi-Square test for Goodness of Fit.
CO6	Calculate probabilities, and derive the marginal and conditional distributions of bivariate random variables.

Course Outcomes

UGMM-12 (Linear Programming)

CO1	Use linear programming to solve practical problems.
CO2	Graph linear inequalities and determine the solution set of a system of linear inequalities by graph method or simplex method.
CO3	Find the solution of two lines graphically, numerically, and algebraically in mathematical and applied situations.
CO4	Linear Programming Problems solve by Transportation Problem method, Assignment Problem method, Game methods and Feasible Solution can be obtained.
CO5	
CO6	

Programme: Bachelor of Science

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PO14:	The learner is able to understand the disposal of solid waste, nutrition for the community and aware about the possible mechanism for disaster management.
PO15:	The program aims to provide learner's to understand the use of office tools and fundamental of computers

Program Specific Outcomes (PSO):

B. Sc.		
	Group: Physical Sciences	Group: Life Sciences
PSO1:	Able to concentrate on Chemistry, Physics, Mathematics, Statistics and Computer Science.	Able to acquire knowledge regarding Botany, Zoology, Chemistry, Biochemistry and Statistics.
PSO2:	Able to demonstrate a scientific knowledge of the core physics principles in Mechanics, Electromagnetism, Modern Physics, and Optics.	Able to recognize the relationship between structure and function at all levels: molecular, cellular, and organismal.
PSO3:	Able to demonstrate basic manipulative skills in algebra, geometry, trigonometry, and beginning calculus.	Acquire knowledge of Plant diversity, cell biology, plant ecology.
PSO4:	Able to apply the underlying unifying structures of mathematics (i.e. sets, relations and functions, logical structure) and the relationships among them.	Acquire knowledge of genetics, Plant physiology, Taxonomy and Evolution, Development Biology
PSO5:	Can investigate and apply mathematical problems and solutions in a variety of contexts related to science, technology, business and industry, and illustrate these solutions using symbolic, numeric, or graphical methods.	Able to understand Animal diversity, cell biology, Animal ecology, genetics, Animal physiology, Taxonomy and Evolution, Development Biology
PSO6:	Acquire knowledge of Chemical Thermodynamics, Kinetics, Electrochemistry, Atomic Structure, Organic Chemistry, Spectroscopy and Skill in Industrial Chemistry.	Acquire knowledge of Chemical Thermodynamics, Kinetics, Electrochemistry, Atomic Structure, Organic Chemistry, Spectroscopy and Skill in Industrial Chemistry.
PSO7:	Able to demonstrate basic statistical skills in probability, distribution, correlation, regression, inference, operation research.	Able to demonstrate basic statistical skills in probability, distribution, correlation, regression, inference, operation research.
PSO8:	Able to define and explain major concepts in the computer science.	Able to define and explain major concepts in the biological sciences.
PSO9:	The learner will determine the appropriate level of technology for use in: a) experimental design and implementation, b) analysis of experimental data, and c) mathematical methods in problem solutions.	They are able to correctly use biological instrumentation and proper laboratory techniques.
PSO10:	Investigate and apply mathematical problems and solutions in a variety of contexts related to science, technology, business and industry, and illustrate these solutions using symbolic, numeric, or graphical methods.	Learner's will be able to communicate biological knowledge in oral and written form
PSO11:	Can join Indian Air Force, Indian Navy and can also go for other competitive exams. He can go for higher studies in Mathematics, Chemistry, Physics or Geography.	They can go for Indian Forest Service and other competitive examinations.

PSO12:	He can join as a scientist in research institutes of immense knowledge having a great scope for growth and development.	They can opt for higher studies in Botany, Zoology, Chemistry, biochemistry, and Biotechnology.
PSO13:	Banking sector is another good option	Biochemistry and biotechnology is another fast growing field which is more applicable in Industries and Hospitals.

B.Sc.-Physics (UGPHS)

UGPHS-01: Elementary Mechanics	
CO-1	Concept in Mechanics
CO-2	Concept of Motion, Force and Momentum
CO-3	Works done by constant force & variable force, Energy, Kinetic Energy – work-energy, Theorems.
CO-4	Law of Gravitation, arriving at the law moon's rotation about earth, principal of superposition, Gravitational field and potential Gravitational
CO-5	Basic concepts of wave motion, types, propagation, Graphical representation of wave motion, Relation between phase velocity, Frequency and wavelength Mathematical description of wave motion
CO-6	Principle of superposition of waves stationary waves, velocity of a particle and strain at any point in a stationary wave.
CO-7	Concept of Systems of Particles

UGPHS-03: Oscillation and Waves	
CO-1	Oscillations and Waves: Simple Harmonic Motion (SHM) and Superposition of Simple Harmonic Oscillations
CO-2	Concept of Forced oscillations and resonance
CO-3	Basic concepts of wave motion, types, propagation, Graphical representation of wave motion, Relation between phase velocity, Frequency and wavelength Mathematical description of wave motion
CO-4	Concept of wave of wave front and Huygen's Constitution, Reflection and Refraction of waves, Transmission Amplitude Coefficients, Transverse and longitudinal waves
CO-5	Principle of superposition of waves stationary waves, velocity of a particle and strain at any point in a stationary wave.
CO-6	Interference, coherent sources, Interference between waves from two slits, Intensity distribution in interference pattern interference in thin films, Diffraction

UGPHS-04: Electric and Magnetic Phenomena	
CO-1	Introduction, Properties, types, unit conservation, Quantization of charge, coulomb's law, Principle of superposition, electric lines of force.
CO-2	Gauss's Law and Electric Potential

CO-3	Potential for continuous charge distributions and Energy
CO-4	Macroscopic Properties of Dielectrics and Capacitor
CO-5	Concepts of Electric Current and Magnetic Field
CO-6	Concept and application of Electromagnetism

UGPHS-05: Electric Circuits and Electronics	
CO-1	Basic concept of Electrical Circuit and Electronics
CO-2	A.C. and D.C. Circuits
CO-3	Electron Device: vacuum tubes, thermionic Emission, Vacuum Diode, Triode, Tetrode and Pentode, Semiconductor materials, p-n Junction Diodes, Transistor, MOSEFT.
CO-4	Electronic Circuits: Amplifiers, Power Supply and Oscillators
CO-5	Linear Integrated Circuits: The operational Amplifier, Linear IC's
CO-6	Digital Electronics: Number System and Codes, Fundamentals of Boolean algebra and Flip Flops, Registration, Counters, Memory circuit and Analog/Digital Converters and Electronic Instruments.

UGPHS-07: Optics	
CO-1	Introduce Light: Nature of Light, Reflection and Refraction of light, Perception of light, Polarisation of light
CO-2	Interference by Division of wave front, division of amplitude and Interferometry
CO-3	Diffraction: Fresnel Diffraction, Fraunhofer diffraction, Diffraction Grating, Diffraction and resolution.
CO-4	Lasers and their applications: Coherence, Physics of Lasers, Holography
CO-5	Optical fibre, Types of fibres, optical communication through fibres, Pulse, dispersion, step- index fibre, GRIH Fibre, material dispersion, power loss

UGPHS-08: Modern Physics	
CO-1	Special Theory of Relativity: Emergence of special relativity, Relativistic Kinematics, Relativistic Dynamics
CO-2	An Introduction to Quantum Mechanics: Wave-particle Duality, Matter waves and uncertainty principle, Schrodinger Equation, Observables and operators
CO-3	Application of Quantum Mechanics to some systems: Some Simple System, Spherically Symmetric Systems : Hydrogen Atom, Atomic spectra and X-ray

	spectra
CO-4	Nuclear Physics: Radioactivity, The Atomic Nucleus, Applied Nuclear Science and Elementary Particles

UGPHS-09: Mathematical Methods in Physics - I	
CO-1	Concepts of Mathematical Methods in Physics
CO-2	Vector Calculus, Vector Differential Calculus, Coordinate Systems, Integration of Scalar and vector Fields
CO-3	Probability and Statistics:
CO-4	Basic concepts of probability theory, Probability Distributions, Application in Physics

UGPHS-10: Mathematical Methods in Physics – II	
CO-1	Ordinary Differential equations
CO-2	First order ordinary differential equations, Second order ordinary differential equations with constant coefficients and Second order ordinary differential equations with variables coefficients
CO-3	Some applications of ODE's physics
CO-4	Partial differential equations in Physics- Fourier Series, Applications of Fourier Series to PDEs

Programme: Bachelor of Science

Program Outcomes (PO):

PO1:	This programme forms the basis of science and comprises of the subjects like Physics, Chemistry, Mathematics, Zoology, Botany, Biochemistry, Statistics and Computer Science.
PO2:	It helps to develop scientific temper and thus can prove to be more beneficial for the society as the scientific developments can make a nation or society to grow at a rapid pace.
PO3:	After the completion of this programme learner's have the option to go for higher studies i.e. M. Sc and then do some research for the welfare of mankind.
PO4:	After higher studies learner's can join as scientist and can even look for professional job oriented courses.
PO5:	This programme also offers opportunities for serving in Indian Army, Indian Navy, Indian Air Force as officers.
PO6:	After this programme learner's have the option to join Indian Civil Services as IAS, IFS etc..
PO7:	Science graduates can go to serve in industries or may opt for establishing their own industrial unit.
PO9:	After the completion of the B.Sc. degree there are various other options available for the science learner's. Often, in some reputed universities or colleges in India and abroad the learner's are recruited by big MNC's after their completion of the course.
PO10:	Apart from the research jobs, learner's can also work or get jobs in Marketing, Business & Other technical fields. Science graduates also recruited in the bank sector to work as customer service executives. Learner's can also find employment in government sectors.
PO11:	Able to understand interdisciplinary studies, with a strong focus on aspects of human culture and achievements in social and behavioral sciences.
PO12:	The program aims to provide learner's to understand the use of English Grammar and Communication Skills. It is related to improve the learners proficiency in English by developing their skills in reading, writing, listening and speaking. It also deals with knowledge and skills of daily oral and written practice of Hindi language, use of Hindi language in offices and correct use of Hindi in various fields.
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PSO13:	Banking sector is another good option	Biochemistry and biotechnology is another fast growing field which is more applicable in Industries and Hospitals.

Course Outcomes

UGZY-01 (Animal Diversity -I)

CO1	Provides students with an in depth knowledge of the diversity in form, structure and habits of invertebrates.
CO2	Knowledge of the origin and evolution of metazoa.
CO3	Knowledge of general taxonomic rules in animal classification.
CO4	Advantage and disadvantage of social behavior.
CO5	Describe the structure and function of major animal phyla at the cellular tissue and organ level.

Course Outcomes

UGZY-02 (Animal Diversity-II)

CO1	Provides students with an in-depth knowledge of the diversity in form, structure and habits of vertebrates.
CO2	Learn general character and classification of different classes of vertebrates.
CO3	Describe the distinguishing characteristics of the Hemichordata and chordates
CO4	Classify the adaptation and behaviour pattern

Course Outcomes

UGZY-05 (Cell Biology)

CO1	Knowledge of animal cell with tools and techniques involved in the study of cell.
CO2	Understand membrane transport process.
CO3	Regulation and mechanism and metabolic process of Animal
CO4	Salient feature of cell division in Animal cell.

Course Outcomes

UGZY-06 (Animal Ecology)

CO1	Understand the concept of environment, ecology and ecosystem.
CO2	Structure and organization of ecosystem with biotic and abiotic component.
CO3	Energy flow and nutrient cycle in ecosystem.
CO4	Community, population and role of ecology in human welfare.

Course Outcomes

UGZY-07 (Genetics)

CO1	Understand the Mendel's Laws of Heredity.
CO2	Concept of linkage, crossing over and chromosome mapping.
CO3	Extra nuclear inheritance, structural, numerical abnormalities in chromosome and their effects.
CO4	Knowledge of nature and structure of genetic material.
CO5	Structure and function of gene, gene mutation.

Course Outcomes

UGZY-08 (Animal physiology)

CO1	It gives knowledge of comparative animal physiology of the animal kingdom.
CO2	Students gain knowledge about the comparative physiological concepts of nutrition, digestion and respiration.
CO3	Physiological concept of excretion, metabolism and osmoregulation.
CO4	Students feel confident in teaching physiology as well as executive research projects

Course Outcomes

UGZY-09 (Development Biology)

CO1	Knowledge about spermatogenesis and oogenesis.
CO2	Knowledge about various types of eggs.
CO3	Knowledge about types of development and metamorphic changes.
CO4	Development of organogenesis.

Course Outcomes

UGZY-10 (Taxonomy and Evolution)

CO1	Various system of animal classification.
CO2	Understand aims, objectives and importance of taxonomy
CO3	Concept of binomial nomenclature.
CO4	Understand the various tools and trends used in taxonomy.
CO5	Theories of organic evolution.

Course Outcomes

UGZY-11 (Statistical)

CO1	Understand methods of various scientific data collection and their qualitative measurement.
CO2	Diagrammatic and graphical representation of data.
CO3	Information regarding measures of central tendency and dispersion.
CO4	Knowledge of moments, skewness and kurtosis

Master of Computer Application (MCA)

Programme Outcome (PO)

The Master of Computer Applications Programme will get ready its graduates to achieve:

PO1:	The understanding to apply knowledge of computing and technological advances appropriate to the programme.
PO2:	Skills to analyze a problem, and identify and define the logical modeling of solutions.
PO3:	An ability to design implements and evaluate a computer-based system, process, component, or programme to meet stakeholder needs.
PO4:	To prepare the learners to take up a career in the IT industry.
PO5:	An ability to analyze the local and global impact of business solutions on individuals, organizations, and society.
PO6:	To prepare the learners to carry out research and development work.
PO7:	Able to understand interdisciplinary studies, with a strong focus on aspects of human culture and achievements in social and behavioral sciences.

COURSE OUTCOMES (CO) OF MCA PRAGRAMME

MCA-01	Discrete Mathematics
COURSE OUTCOMES	
<p>CO1 Explains the different areas of Mathematics- Graph Theory, Cryptography, Poset and Lattices</p> <p>CO2 Acquires a basic idea of graph, various terms associated and matrix representations of graphs</p> <p>CO3 Familiarize with different types of graphs, connectivity and properties</p> <p>CO4 Illustrate the fundamental applications of Graph Theory in different walks of life</p> <p>CO5 Familiarize with the fundamental concepts in Cryptography</p> <p>CO6 Represent Posets and Lattices diagrammatically</p> <p>CO7 Familiarize with different types of Lattices and operations on Posets</p>	
MCA-02	Problem Solving and Programming through C
COURSE OUTCOMES	
<p>CO1 The students develops a sound approach to problem solving using a middle level programming language.</p> <p>CO2 The techniques like recursion and iteration are learnt to solve a problem.</p> <p>CO3 The students learn the programming concepts like pointers, structures.</p>	
MCA-03	Computer Organization and Assembly Language Programming
COURSE OUTCOMES	
<p>CO1 Introduces the instruction set of 8085 and 8086 micro-processor including procedures, stack, interrupt handling, and macros.</p>	

CO2 Design, write, and test moderately complicated low-level programs in assembly language using the instruction set of 8085 and 8086.	
MCA-E1	Computer Architecture
COURSE OUTCOMES	
<p>CO1 Familiarizes the students with basics of computer hardware and how software interacts with computer hardware.</p> <p>CO2 Introduces how computers represent and manipulate data, computer arithmetic and conversion between different number systems.</p> <p>CO3 Introduces how Boolean algebra is related to designing computer logic, through simple combinational and sequential logic circuits.</p> <p>CO4 Introduces basics of Instruction Set Architecture (ISA).</p> <p>CO5 Familiarize students with a simple computer with hardware design including data format, instruction format, instruction set, addressing modes, bus structure, input/output, memory, Arithmetic/Logic unit, control unit, and data, instruction and address flow.</p> <p>CO6 Design combinational and sequential logic circuits, flip-flops, counters, shift registers, adders, subtractor, multiplexer, demultiplexer, Arithmetic/Logic unit.</p> <p>CO7 Introduces concept of memory unit and input/output architecture.</p>	
MCA-E2	Microprocessor and its Applications
COURSE OUTCOMES	
<p>CO1 Describe the architecture and organization of microprocessor along with instruction set format.</p> <p>CO2 Describe modes and functional block diagram of 8085 AND 8086 along with pins and their functions</p> <p>CO3 List and describe memory and addressing modes</p> <p>CO4 List, describe and use different types of instructions, directives and interrupts</p> <p>CO5 Develop assembly language programs using various programming tools.</p>	
MCA-05	Object oriented Programming with C++
COURSE OUTCOMES	
<p>CO1 The students develops a sound approach to problem solving using a high level programming language.</p> <p>CO2 The techniques like recursion and iteration are learnt to solve a problem.</p> <p>CO3 The students master the good programming practices like modularity and documentation, and use of named constants.</p> <p>CO4 The student learns the use of object oriented framework using the concept of classes, inheritance, and encapsulation while programming in a language like Python.</p>	
MCA-06	Database Management System
COURSE OUTCOMES	
<p>CO1 Introduces the role of a database management system, basic database concepts, including the structure and operation of the relational data model.</p> <p>CO2 Introduces how to apply logical database design principles, including E-R/EE-R diagrams, conversion of ER diagrams to relations.</p> <p>CO3 Familiarize students with the concepts of integrity constraints, relational algebra, relational domain & tuple calculus, data normalization.</p> <p>CO4 Construct simple and moderately advanced database queries using Structured Query</p>	

Language (SQL).
CO5 Familiarize students with the concept of a database transaction including concurrency control, backup and recovery, and data object locking.
CO6 Design and implementation of a small database project using Oracle.

MCA-07A | Computer Fundamental and its organization

COURSE OUTCOMES

CO1 Describe basics of Computer such as CPU, ALU, CU, Input and Output units etc.
CO2 Expressing Problem Solving using Computers
CO3 Define number representation and arithmetic in Computers
CO4 Understand the structure of memory and its types
CO5 Understand the structure of Processor and Disk Drives
CO6 Understand basic Computer Architecture and Multiprogramming

MCA-E3 | Data Warehouse and Mining

COURSE OUTCOMES

CO1 To be able to understand the various concepts, techniques and algorithms related to supervised and unsupervised learning under the data mining subject.
CO2 Understand Data Warehouse fundamentals, Data Mining Principles
CO3 Design data warehouse with dimensional modelling and apply OLAP operations.
CO4 Identify appropriate data mining algorithms to solve real world problems
CO5 Compare and evaluate different data mining techniques like classification, prediction, clustering and association rule mining
CO6 Provides an opportunity to the students to enter the field of Data Science along with Computer Science and be ready for the demands of a Data Analyst/Scientist position.

MCA-E4 | System Analysis and Design

COURSE OUTCOMES

CO1 A firm basis for understanding the life cycle of a systems development project;
CO2 An understanding of the analysis and development techniques required as a team member of a medium-scale information systems development project;
CO3 An understanding of the ways in which an analyst's interaction with system sponsors and users play a part in information systems development;
CO4 Understanding development of information systems models;
CO5 Understanding development of systems project documentation;

MCA-09 | Software Engineering

COURSE OUTCOMES

CO1 Describe software engineering layered technology and process framework.
CO2 Introduces theories, models, and techniques that provide a basis for the software development life cycle.
CO3 Introduces software testing approaches including verification and validation, static analysis, reviews, inspections, and audits.
CO4 Understanding of the role of project management including planning, scheduling, risk

	management, etc. CO5 Work as an individual and/or in team to develop and deliver quality software.
MCA-10	Data Communication and Computer Networks
COURSE OUTCOMES	
<p>CO1 Describe how to connect machines in a network.</p> <p>CO2 Describe data communication between machines at various locations.</p> <p>CO3 Learn about the OSI and TCP/IP Communication models</p> <p>CO4 Learn about the definitions and various functionalities of the TCP/ IP Model</p> <p>CO5 Learn about various communication protocols associated with each layer of the TCP/IP Model</p>	
MCA-11	Java Programming
COURSE OUTCOMES	
<p>CO1 Use an integrated development environment to write, compile, run, and test simple object-oriented Java programs.</p> <p>CO2 Read and make elementary modifications to Java programs that solve real-world problems.</p> <p>CO3 Validate input in a Java program.</p> <p>CO4 Identify and fix defects and common security issues in code.</p>	
MCA-E5	Mobile Computing
COURSE OUTCOMES	
<p>CO1 Explain the principles and theories of mobile computing technologies.</p> <p>CO2 Describe infrastructures and technologies of mobile computing technologies.</p> <p>CO3 List applications in different domains that mobile computing offers to the public, employees, and businesses.</p> <p>CO4 Describe the possible future of mobile computing technologies and applications.</p>	
MCA-E6	Parallel Computing
COURSE OUTCOMES	
<p>CO1 Apply the principles and concept in analyzing and designing the parallel system</p> <p>CO2 Reason about ways to parallelize problems.</p> <p>CO3 Gain an appreciation on the challenges and opportunities faced by parallel systems.</p> <p>CO4 Improve the performance and reliability of parallel programs.</p>	
MCA-13	Theory of Computation
COURSE OUTCOMES	
<p>CO1 Describe the mathematical model of machines.</p> <p>CO2 Familiarize students with the concept of formal language and corresponding automaton.</p> <p>CO3 Introduces the concept of ambiguity, derivations and parse tree in grammar.</p>	
MCA-14	RDBMS
COURSE OUTCOMES	
<p>CO1 Introduces the role of a database management system, basic database concepts,</p>	

including the structure and operation of the relational data model.

CO2 Introduces how to apply logical database design principles, including E-R/EE-R diagrams, conversion of ER diagrams to relations.

CO3 Familiarize students with the concepts of integrity constraints, relational algebra, relational domain & tuple calculus, data normalization.

CO4 Construct simple and moderately advanced database queries using Structured Query Language (SQL).

CO5 Familiarize students with the concept of a database transaction including concurrency control, backup and recovery, and data object locking.

CO6 Design and implementation of a small database project using Oracle.

MCA-15	Operating System Concepts
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COURSE OUTCOMES

CO1 Describe the important computer system resources and the role of operating system in their management policies and algorithms.

CO2 Understand the process management policies and scheduling of processes by CPU

CO3 Evaluate the requirement for process synchronization and coordination handled by Operating system

CO4 Describe and analyze the memory management and its allocation policies.

CO5 Identify use and evaluate the storage management policies with respect to different storage management technologies.

CO6 Identify the need to create the special purpose operating system.

MCA-E7	Artificial Intelligence
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COURSE OUTCOMES

CO1 Ability to develop a basic understanding of AI building blocks presented in intelligent agents.

CO2 Ability to choose an appropriate problem solving method and knowledge representation technique.

CO3 Ability to analyze the strength and weaknesses of AI approaches to knowledge-intensive problem solving.

CO4 Ability to design models for reasoning with uncertainty as well as the use of unreliable information.

CO5 Ability to design and develop the AI applications in real world scenario.

MCA-E8	Embedded System
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COURSE OUTCOMES

CO1 Explain the embedded system concepts and architecture of embedded systems

CO2 Describe the architecture of 8051 microcontroller and write embedded program for 8051 microcontroller.

CO3 Design the interfacing for 8051 microcontroller.

CO4 Understand the concepts of ARM architecture.

CO5 Demonstrate the open source RTOS and solve the design issues for the same.

CO6 Select elements for an embedded systems tool.

MCA-17	Unix Shell Programming
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COURSE OUTCOMES

CO1 Identify and use of UNIX/Linux utilities to create and manage simple file processing operations, organize directory structures with appropriate security, and develop shell scripts to perform more complex tasks.

CO2 Effectively use the UNIX/Linux system to accomplish typical personal, office, technical, and software development tasks.

CO3 Monitor system performance and network activities.

CO4 Effectively use of software development tools including libraries, preprocessors, compilers, linkers, and make files.

CO5 Comprehend technical documentation, prepare simple readable user documentation and adhere to style guidelines.

CO6 Collaborate in teams on system tasks.

MCA-18	Numerical and Statistical Computing
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COURSE OUTCOMES

CO1 Introduces the iterative methods to find solution of polynomial and transcendental equations.

CO2 Familiarize with the methods of interpolation and curve fitting.

CO3 To be able to find the solution of linear equations using matrices.

CO4 To understand the various concepts and techniques related to probability, statistical testing & estimation, sampling distributions, correlations-regressions and other univariate/bivariate/multivariate statistical techniques.

CO5 Provides an opportunity to the students to enter the field of Data Science and be ready for the demands of a Data Analyst/Scientist position.

MCA-19	Design and Analysis of Algorithm
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COURSE OUTCOMES

CO1 Understand that various problem solving categories exist such as; iterative technique, divide and conquer, dynamic programming, greedy algorithms.

CO2 Analyse the strengths and weaknesses of an algorithm theoretically as well as practically.

CO3 Identify and apply an appropriate technique to design an efficient algorithm for simple problems.

CO4 Demonstrate correctness and efficiency of the algorithm.

CO5 Summarize various searching and sorting algorithms. Compare numerous solutions for a problem and realize a solution may be efficient or inefficient depending on the application at hand.

MCA-E9	Computer Graphics
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COURSE OUTCOMES

CO1 Introduces core concepts of computer graphics.

CO2 Familiarize the students with graphics concepts, including 2D and 3D transformation, clipping, splines, objects modeling, colour modeling, lighting, textures, visible surface detection.

CO3 Algorithms to design, and create computer graphics scenes.

MCA-E10	Operational Research
COURSE OUTCOMES	
<p>CO1 Defines a Euclidean Space, a Vector Space and its basis</p> <p>CO2 Defines a LPP in standard form and Canonical form</p> <p>CO3 Identifies a feasible solution, a basic feasible solution and an optimal solution using simplex method</p> <p>CO4 Understands duality theorems and dual simplex method</p> <p>CO5 Uses dual simplex method to find optimal solutions</p> <p>CO6 Explains the Transportation Problem and formulate it as an LPP and hence solve the problem</p> <p>CO7 Determine that an Assignment Problem is a special case of LPP and hence solve by Hungarian method</p> <p>CO8 Identifies the Queuing models, their various forms and methods of solution</p>	
MCA-22	Probability and Distribution
COURSE OUTCOMES	
<p>CO1 Basic probability axioms and rules and the moments of discrete and continuous random variables as well as be familiar with common named discrete and continuous random variables.</p> <p>CO2 How to derive the probability density function of transformations of random variables and use these techniques to generate data from various distributions.</p> <p>CO3 How to calculate probabilities, and derive the marginal and conditional distributions of bivariate random variables.</p> <p>CO4 Discrete time Markov chains and methods of finding the equilibrium probability distributions.</p> <p>CO5 How to calculate probabilities of absorption and expected hitting times for discrete time Markov chains with absorbing states.</p> <p>CO6 How to translate real-world problems into probability models.</p> <p>CO7 How to read and annotate an outline of a proof and be able to write a logical proof of a statement.</p>	
MCA-23	Web Technology
COURSE OUTCOMES	
<p>CO1 Implement interactive web page(s) using HTML, CSS and JavaScript.</p> <p>CO2 Design a responsive web site using HTML5 and CSS</p> <p>CO3 Build Dynamic web site using server side PHP Programming and Database connectivity.</p> <p>CO4 Describe and differentiate different Web Extensions and Web Services.</p> <p>CO5 Understanding development of web application.</p>	
MCA-24	System Software
COURSE OUTCOMES	
<p>CO1 Learn about Language processors and various data structures used for language processing</p>	

CO2 Learn about different types of language processing software
CO3 Understand the concept of Automaton and its usage in lexical analysis
CO4 Learning the design of the Syntax analyzer in Compilers, LR, SLR and LALR parsers
CO5 Understanding Code generation and optimization in Compilers
CO6 Learn the basics of Loaders and Linkers and device drivers

MCA-E 11 | Object Oriented Analysis And Design

COURSE OUTCOMES

CO1. Analyze, design, document the requirements through use case driven approach.
CO2. Identify, analyse, and model structural and behavioral concepts of the system.
CO3. Develop, explore the conceptual model into various scenarios and applications.
CO4. Apply the concepts of architectural design for deploying the code for software.

MCA-E 12 | Information and Network security

COURSE OUTCOMES

CO1 Identify information security goals, classical encryption techniques and acquire fundamental knowledge on the concepts of finite fields and number theory.
CO2 Understand, compare and apply different encryption and decryption techniques to solve problems related to confidentiality and authentication
CO3 Apply the knowledge of cryptographic checksums and evaluate the performance of different message digest algorithms for verifying the integrity of varying message sizes
CO4 Apply different digital signature algorithms to achieve authentication and create secure applications
CO5 Apply network security basics, analyze different attacks on networks and evaluate the performance of firewalls and security protocols like SSL, IPSec, and PGP.
CO6 Apply the knowledge of cryptographic utilities and authentication mechanisms to design secure applications.

PGFHR | Human Right and Duties

COURSE OUTCOMES

CO1 Understand norms and values of human rights and duties education programme are realized;
CO2 To encourage research activities;
CO3 To encourage research studies concerning the relationship between Human Rights and Duties Education and International Humanitarian Law.

Bachelor in Computer Application (BCA)

Programme Outcomes (PO):

PO1	An ability to apply knowledge of computing and mathematics appropriate to the program's student outcomes and to the discipline
PO2	An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution
PO3	An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs
PO4	An ability to function effectively on teams to accomplish a common goal
PO5	An understanding of professional, ethical, legal, security and social issues and responsibilities
PO6	An ability to analyze the local and global impact of computing on individuals, organizations, and society.
PO7	Recognition of the need for and an ability to engage in continuing professional development.
PO8	An ability to use current techniques, skills, and tools necessary for computing practice.

COURSE OUTCOMES (CO) for Bachelor in Computer Application (BCA)

BCA-1.1	Computer fundamental and PC Software
COURSE OUTCOMES	
CO1 Understand hardware components of computer system such as memory system organization, input/output devices.	
CO2 Aware of software components of computer system, component of programming languages and operating system concepts.	

	<p>CO3 Explain data communication and networking related technology.</p> <p>CO4 Analyze of computer security and viruses.</p> <p>CO5 Describe concepts related to graphical user interface.</p> <p>CO6 Familiarize with word processing application and presentation software: MS Word & MS PowerPoint.</p>
BCA-1.2	Problem Solving and Programming through C
	<p>COURSE OUTCOMES</p> <p>CO1 Build a sound approach to problem solving using C programming language.</p> <p>CO2 Realize techniques like recursion and iteration are learnt to solve a problem.</p> <p>CO3 Appreciate programming concepts like pointers, structures.</p>
BCA-1.3	Basic Mathematics
	<p>COURSE OUTCOMES</p> <p>CO1 Apply set theory and relation concepts.</p> <p>CO2 Understand Matrices and determinant which is very useful in daily life.</p> <p>CO3 Use Coordinate Geometry, Trigonometry concepts, differential calculus and integral calculus.</p>
BCA-1.4	Lab-1 Based on 'C' Programming and Data Structure
	<p>COURSE OUTCOMES</p> <p>CO1 Develop a sound approach to problem solving using C programming language.</p> <p>CO2 Implement techniques like recursion and iteration are learnt to solve a problem.</p> <p>CO3 Demonstrate programming concepts like pointers, structures.</p>
BCA-E1	Design and Analysis of Algorithm
	<p>COURSE OUTCOMES</p> <p>CO1 Understand that various problem solving categories exist such as; iterative technique, divide and conquer, dynamic programming, greedy algorithms.</p> <p>CO2 Analyze the strengths and weaknesses of an algorithm theoretically as well as practically.</p> <p>CO3 Identify and apply an appropriate technique to design an efficient algorithm for simple problems.</p> <p>CO4 Demonstrate correctness and efficiency of the algorithm.</p> <p>CO5 Compare various searching and sorting algorithms, numerous solutions for a problem and realize a solution may be efficient or inefficient depending on the application at hand.</p>
BCA-E2	Theory of Computation
	<p>COURSE OUTCOMES</p> <p>CO1 Understand what automata is and what its use are.</p> <p>CO2 Analyze regular grammar and design finite automata for various regular languages.</p> <p>CO3 Analyze context free grammar and design pushdown automata for different types of context free languages.</p> <p>CO4 Compare and analyze different languages, grammars and machines.</p> <p>CO5 Design Turing machine for unrestricted grammar (type 0).</p> <p>CO6 Understand undecidable problems that cannot be solved using computers.</p>
BCA-1.5	DBMS

COURSE OUTCOMES	
<p>CO1: Understand the basic concepts of DBMS and its importance in the present scenario.</p> <p>CO2: Illustrate ER model for logical database design.</p> <p>CO3: Apply most widely used query language called SQL to define structure of data, modify data in database and specify security constraints.</p> <p>CO4: Understand the concepts of Functional Dependency and Normal Form for a good database design.</p> <p>CO5: Explain the basic concepts of transactions, concurrent execution of transactions without any inconsistencies and recovery from failure transactions.</p>	
BCA-1.6	RDBMS
COURSE OUTCOMES	
<p>CO1 Illustrate ER model for logical database design.</p> <p>CO2 Understand the concepts of Normal Form for a good database design.</p> <p>CO3 Develop tables and Queries, forms and Reports using Microsoft Access database.</p>	
BCA-1.7	Basic Electronics
COURSE OUTCOMES	
<p>CO1 Illustrate working of semiconductors, diodes, transistors and operational amplifiers.</p> <p>CO2 Design various combinational and sequential logic circuits.</p>	
BCA-1.8	Lab-2 (Based on Oracle)
COURSE OUTCOMES	
<p>CO1: Apply most widely used query language called SQL to define structure of data, modify data in database and specify security constraints.</p>	
BAC-E3	Data Mining
COURSE OUTCOMES	
<p>CO1 Understanding the importance of data mining and the principles of business intelligence.</p> <p>CO2 Use preprocessing techniques to organize and prepare the data needed for data mining.</p> <p>CO3 Perform exploratory analysis of the data to be used for mining.</p> <p>CO4 Implement the appropriate data mining methods like classification, clustering or Frequent Pattern mining on large data sets.</p> <p>CO5 Apply metrics to measure the performance of various data mining algorithms.</p> <p>CO6 Interpret and visualize the results of data mining technique to provide decision support.</p>	
BCA-E4	E-Commerce
COURSE OUTCOMES	
<p>CO1 Understand XML and Web database</p> <p>CO2 Apply concepts of electronic payment systems.</p> <p>CO3 Implement E-security systems.</p>	
BCA-1.9	C++ and Object oriented Programming
COURSE OUTCOMES	
<p>CO1 Develop a sound approach to problem solving using a high level programming language.</p> <p>CO2 Apply techniques like recursion and iteration are learnt to solve a problem.</p>	

CO3 Realize good programming practices like modularity and documentation, and use of named constants.	
CO4 Use of object oriented framework using the concept of classes, inheritance, and encapsulation while programming in a language like C++.	
BCA-1.10	Multimedia
COURSE OUTCOMES	
CO1 Visualize scopes of multimedia and understand steps in creation of multimedia applications.	
CO2 Understand digital audio, Prepare audio required for a multimedia system and Speech synthesis and recognition concept.	
CO3 Analyze representation of video, how video work and different video formats.	
CO4 Describe different animation techniques and software used for animation.	
CO5 Understand various multimedia development and authoring tools.	
CO6 Know the different layers of network along with video conferencing technique.	
BCA-E6	Java Programming
COURSE OUTCOMES	
CO1 Use an integrated development environment to write, compile, run, and test simple object-oriented Java programs.	
CO2 Read and make elementary modifications to Java programs that solve real-world problems.	
CO3 Validate input in a Java program.	
CO4 Identify and fix defects and common security issues in code.	
BCA-1.11	System Analysis and Design
COURSE OUTCOMES	
CO1 Build a firm basis for understanding the life cycle of a systems development project.	
CO2 Develop an understanding of the analysis and development techniques required as a team member of a medium-scale information systems development project.	
CO3 Understand the ways in which an analyst's interaction with system sponsors and users play a part in information systems development.	
CO4 Understand development of information systems models.	
CO5 Understand development of systems project documentation.	
BCA-1.12	Lab-3 (Based on C++)
COURSE OUTCOMES	
CO1 Apply good programming practices like modularity and documentation, and use of named constants.	
CO2 Demonstrate object oriented programming concepts such as classes, inheritance, and encapsulation while programming in a language like Java.	
BCA-E5	Object Oriented Analysis And Design
COURSE OUTCOMES	
CO1. Analyze, design, document the requirements through use case driven approach.	
CO2. Identify, analyze, and model structural and behavioral concepts of the system.	
CO3. Develop, explore the conceptual model into various scenarios and applications.	
CO4. Apply the concepts of architectural design for deploying the code for software.	
BCA-1.13	Computer Network
CO1 Understand basics of computer networks and various network topologies.	

CO2 Explain basics of OSI Reference Model and TCP/IP Model.

CO3 Understand various protocol of data link layer for flow and error control such as Stop and wait protocols, One bit sliding window protocol, Using Go-Back N.

CO4 Describe different types of network devices Hub, Bridges, Switch, Gateways, and Routers along with their working.

CO5 Aware of different types of IP addresses classes and the need of subnetting.

CO6 Realize how packet is being transferred from source to destination PC.

CO7 Examine different types of routing protocols, flow control, error control and congestion control algorithms in network and transport layer.

BCA-1.14 | Operating System Concepts

COURSE OUTCOMES

CO1 Understand evolution of operating systems from early simple batch systems to modern computer systems.

CO2 Aware of processes, threads, process control blocks and various state transitions a process undergoes.

CO3 Evaluate various CPU-scheduling algorithms on which a CPU scheduler is designed.

CO4 Understand about the critical-section problem, whose solutions are used to ensure the consistency of concurrent execution of multiple processes.

CO5 Illustrate various memory management concepts such as paging, segmentation, virtual memory, demand paging, page-replacement algorithms, and thrashing.

CO6 Examine **how Magnetic disks work, how data are organized on disks and different Disk Scheduling Algorithms.**

CO7 Describe the history of the UNIX operating system and the principles on which Linux is designed.

BCA-1.15 | Windows Programming

COURSE OUTCOMES

CO1 Understand basics of visual basic and its various components.

CO2 Apply event driven model and object oriented methodology.

CO3 Use basic programming skills using GUI interfaces to develop various applications.

BCA-1.16 | Lab-4 (Based on Windows Programming)

COURSE OUTCOMES

CO1 Apply visual basic and its various components.

CO2 Implement event driven model and object oriented methodology.

CO3 Demonstrate basic programming skills using GUI interfaces to develop various applications.

BCA-E 7 Network Programming

BCA-E8 | Mobile Computing

COURSE OUTCOMES

CO1 Analyze various applications of Mobile Computing in different domain.

CO2 Discuss underlying principles of Mobile Computing technologies.

CO3 Understand programming languages and Operating system for mobile computing devices.

CO4 Apply knowledge of mobile TCP, mobile IP and wireless networking.

BCA-1.17	Software Engineering
COURSE OUTCOMES	
<p>CO1 Understand software engineering layered technology and process framework.</p> <p>CO2 Apply theories, models, and techniques that provide a basis of the software development life cycle.</p> <p>CO3 Evaluate software testing approaches including verification and validation, static analysis, reviews, inspections, and audits.</p> <p>CO4 Understand the role of project management including planning, scheduling, risk management, etc.</p> <p>CO5 Work as an individual and/or in team to develop and deliver quality software.</p>	
BCA-E9	Web Technology
COURSE OUTCOMES	
<p>CO1 Implement interactive web page(s) using HTML, CSS and JavaScript.</p> <p>CO2 Design a responsive web site using HTML5 and CSS</p> <p>CO3 Build Dynamic web site using server side PHP Programming and Database connectivity.</p> <p>CO4 Describe and differentiate different Web Extensions and Web Services.</p> <p>CO5 Understand development of web application.</p>	
BCA-1.19	Computer Graphics
COURSE OUTCOMES	
<p>CO1 Understand basic graphics transformation and projection techniques.</p> <p>CO2 Design an application that incorporates different concepts of various color models.</p> <p>CO3 Apply and explore new techniques in the areas of compression techniques.</p> <p>CO4 Appreciate the use of multimedia authoring tools and multimedia compression techniques.</p>	
BCA-1.20	Lab-5 (Based on Computer Graphics)
<p>CO1 Implement basic graphics transformation and projection techniques.</p> <p>CO2 Demonstrate an application that incorporates different concepts of various color models.</p> <p>CO3 Apply multimedia authoring tools and multimedia compression techniques.</p>	
BCA-E10	Client Server Technology
COURSE OUTCOMES	
<p>CO1 Analyze computing and its impact on information processing.</p> <p>CO2 Build systemsdevelopment environments to serve any organization's needs.</p> <p>CO3 Apply enhanced data interchangeability, shared resources and centralized management.</p>	
BCA-1.21	Principle of Programming Language
COURSE OUTCOMES	
<p>CO1 Inculcate notations to describe syntax and semantics of programming languages.</p> <p>CO2 Analyze semantic issues associated with function implementations, including variable binding, scoping rules, parameter passing, and exception handling.</p>	
BCA-1.22	Computer Organization
COURSE OUTCOMES	
<p>CO1 Assess basics components of computer hardware.</p> <p>CO2 Understand how Boolean algebra is related to designing computer logic, through simple combinational and sequential logic circuits.</p>	

<p>CO3 Realize a simple computer with hardware design including data format, instruction format, instruction set, addressing modes, bus structure, input/output, memory, Arithmetic/Logic unit, control unit, and data, instruction and address flow.</p> <p>CO4 Design combinational and sequential logic circuits, flip-flops, counters, shift registers, adders, subtractor, multiplexer, demultiplexer, Arithmetic/Logic unit.</p> <p>CO5 Develop concept of memory unit and input/output architecture.</p> <p>CO6 Build basics of Instruction Set Architecture (ISA).</p>	
BCA-1.23	Computer Oriented Numerical Techniques
COURSE OUTCOMES	
<p>CO1 Apply common numerical methods to obtain approximate solutions of mathematical problems.</p> <p>CO2 Derive numerical methods for various mathematical operations such as interpolation, differentiation and integration, solution of linear and nonlinear equations.</p> <p>CO3 Evaluate and assess accuracy of common numerical methods.</p> <p>CO4 Implement numerical methods in various programming languages.</p>	
BCA-1.24L	Practical Lab based on BCA-1.23
COURSE OUTCOMES	
<p>CO1 Implement common numerical methods to obtain approximate solutions of mathematical problems.</p> <p>CO2 Demonstrate various mathematical operations such as interpolation, differentiation and integration, solution of linear and nonlinear equations.</p> <p>CO4 Implement numerical methods in various programming languages.</p>	
BCA-E11	Computer Architecture
COURSE OUTCOMES	
<p>CO1 Understand fundamental and advanced concepts of parallel computing and design architecture.</p> <p>CO2 Illustrate concepts of memory and input-output subsystems, pipelining and vector processing, microprocessor algorithms and systems and control mechanisms.</p>	
BCA-E12	Microprocessor and its applications
COURSE OUTCOMES	
<p>CO1 Apply basic binary math operations using the microprocessor.</p> <p>CO2 Demonstrate programming using various addressing modes and data transfer instructions of the target microprocessor and microcontroller.</p> <p>CO3 Compare different Microprocessors (8085 & 8086) and Microcontroller to meet specified performance requirements.</p> <p>CO4 Analyze and use assembly language programs to solve real-world control problems.</p>	

Post Graduate Diploma in Computer Application (PGDCA)

Programme Outcome (PO)

The PG Diploma in Computer Applications Programme will get ready its learners to achieve:

PO1:	The understanding to apply knowledge of computing and technological advances appropriate to the programme.
PO2:	Skills to analyze a problem, and identify and define the logical modeling of solutions.

PO3:	To prepare the learners to take up a career in the IT industry.
PO4:	An ability to analyze the local and global impact of business solutions on individuals, organizations, and society.
PO5:	To prepare the learners to carry out research and development work.

COURSE OUTCOMES (CO) OF PGDCA PROGRAMME

PGDCA-01	Discrete Mathematics
COURSE OUTCOMES	
<p>CO1 Explains the different areas of Mathematics- Graph Theory, Cryptography, Poset and Lattices</p> <p>CO2 Acquires a basic idea of graph, various terms associated and matrix representations of graphs</p> <p>CO3 Familiarize with different types of graphs, connectivity and properties</p> <p>CO4 Illustrate the fundamental applications of Graph Theory in different walks of life</p> <p>CO5 Familiarize with the fundamental concepts in Cryptography</p> <p>CO6 Represent Posets and Lattices diagrammatically</p> <p>CO7 Familiarize with different types of Lattices and operations on Posets</p>	
PGDCA-02	Problem Solving and Programming through C
COURSE OUTCOMES	
<p>CO1 The student will develop a sound approach to problem solving using a middle level programming language.</p> <p>CO2 The techniques like recursion and iteration are learnt to solve a problem.</p> <p>CO3 The students learn the programming concepts like pointers, structures.</p>	
PGDCA-03	Computer Organization and Assembly Language Programming
COURSE OUTCOMES	
<p>CO1 Introduces the instruction set of 8085 and 8086 micro-processor including procedures, stack, interrupt handling, and macros.</p> <p>CO2 Design, write, and test moderately complicated low-level programs in assembly language using the instruction set of 8085 and 8086.</p>	
PGDCA-E1	Computer Architecture
COURSE OUTCOMES	
<p>CO1 Familiarizes the students with basics of computer hardware and how software interacts with computer hardware.</p> <p>CO2 Introduces how computers represent and manipulate data, computer arithmetic and conversion between different number systems.</p> <p>CO3 Introduces how Boolean algebra is related to designing computer logic, through simple combinational and sequential logic circuits.</p> <p>CO4 Introduces basics of Instruction Set Architecture (ISA).</p> <p>CO5 Familiarize students with a simple computer with hardware design including data format, instruction format, instruction set, addressing modes, bus structure, input/output, memory, Arithmetic/Logic unit, control unit, and data, instruction and address flow.</p> <p>CO6 Design combinational and sequential logic circuits, flip-flops, counters, shift registers, adders, subtractor, multiplexer, demultiplexer, Arithmetic/Logic unit.</p>	

CO7 Introduces concept of memory unit and input/output architecture.	
PGDCA-E2	Microprocessor and its Applications
COURSE OUTCOMES	
CO1 Describe the architecture and organization of microprocessor along with instruction set format.	
CO2 Describe modes and functional block diagram of 8085 AND 8086 along with pins and their functions	
CO3 List and describe memory and addressing modes	
CO4 List, describe and use different types of instructions, directives and interrupts	
CO5 Develop assembly language programs using various programming tools.	
PGDCA-05	Object oriented Programming with C++
COURSE OUTCOMES	
CO1 The students develops a sound approach to problem solving using a high level programming language.	
CO2 The techniques like recursion and iteration are learnt to solve a problem.	
CO3 The students master the good programming practices like modularity and documentation, and use of named constants.	
CO4 The student learns the use of object oriented framework using the concept of classes, inheritance, and encapsulation while programming in a language like Python.	
PGDCA-06	Database Management System
COURSE OUTCOMES	
CO1 Introduces the role of a database management system, basic database concepts, including the structure and operation of the relational data model.	
CO2 Introduces how to apply logical database design principles, including E-R/EE-R diagrams, conversion of ER diagrams to relations.	
CO3 Familiarize students with the concepts of integrity constraints, relational algebra, relational domain & tuple calculus, data normalization.	
CO4 Construct simple and moderately advanced database queries using Structured Query Language (SQL).	
CO5 Familiarize students with the concept of a database transaction including concurrency control, backup and recovery, and data object locking.	
CO6 Design and implementation of a small database project using Oracle.	
PGDCA-07A	Computer Fundamental and its organization
COURSE OUTCOMES	
CO1 Describe basics of Computer such as CPU, ALU, CU, Input and Output units etc.	
CO2 Expressing Problem Solving using Computers	
CO3 Define number representation and arithmetic in Computers	
CO4 Understand the structure of memory and its types	
CO5 Understand the structure of Processor and Disk Drives	
CO6 Understand basic Computer Architecture and Multiprogramming	
PGDCA-E3	Data Warehouse and Mining
COURSE OUTCOMES	
CO1 To be able to understand the various concepts, techniques and algorithms related to supervised and unsupervised learning under the data mining subject.	

CO2 Understand Data Warehouse fundamentals, Data Mining Principles
CO3 Design data warehouse with dimensional modelling and apply OLAP operations.
CO4 Identify appropriate data mining algorithms to solve real world problems
CO5 Compare and evaluate different data mining techniques like classification, prediction, clustering and association rule mining
CO6 Provides an opportunity to the students to enter the field of Data Science along with Computer Science and be ready for the demands of a Data Analyst/Scientist position.

PGDCA-E4 | System Analysis and Design

COURSE OUTCOMES

CO1 A firm basis for understanding the life cycle of a systems development project;
CO2 An understanding of the analysis and development techniques required as a team member of a medium-scale information systems development project;
CO3 An understanding of the ways in which an analyst's interaction with system sponsors and users play a part in information systems development;
CO4 Understanding development of information systems models;
CO5 Understanding development of systems project documentation;

Under Graduate Course in Hindi

हिन्दी विषय में स्नातक पाठ्यक्रम (UGHI)

Introduction :

प्रस्तावना – स्नातक स्तर पर हिन्दी भाषा एवं साहित्य के अध्ययन का शिक्षार्थियों के लिए विशेष महत्व है। हिन्दी भाषा देश की व्यापक जन सम्पर्क भाषा तथा राष्ट्रभाषा है। यह उत्तर प्रदेश सहित भारत के कई राज्यों की राज्यभाषा तथा कुछ राज्यों की द्वितीय कार्यकारी राज्यभाषा है। अतः देश की राष्ट्रीय एवं भावात्मक एकता की अखण्डता और कार्यकारी भाषा के क्षेत्र में हिन्दी प्रयोग की दक्षता आदि के सन्दर्भ में स्नातक स्तर पर हिन्दी भाषा और साहित्य के पाठ्यक्रमों का अध्ययन शिक्षार्थियों की भाषाई क्षमता का विकास कर सकेगा। साथ ही साहित्य की विविध विधाओं में निहित मानवीय मूल्यों के माध्यम से शिक्षार्थियों को जीवन और व्यक्तित्व की प्रेरणा मिल सकेगी।

Objectives:

उद्देश्य : हिन्दी साहित्य के विकास की पृष्ठभूमि तथा उसकी विविध विधाओं का परिचय प्रदान करना, हिन्दी साहित्य के विविध युगों की राजनीतिक, सामाजिक, सांस्कृतिक परिस्थितियों की जानकारी देना।

- हिन्दी कहानी, उपन्यास, नाटक, एकांकी, तथा निबन्ध विधा की विशेषताओं, इनमें रचित महत्वपूर्ण कृतियों और उनके रचनाकारों के विषय में जानकारी देना।
- हिन्दी काव्य की पृष्ठभूमि और विभिन्न युगों की काव्यधाराओं तथा काव्य रूपों के वैशिष्ट्य से परिचित कराना। कवियों के कृतित्व की जानकारी देते हुए हिन्दी कविता के सामाजिक योगदान के विषय में ज्ञान प्रदान करना।
- छात्रों को भाषा के सही प्रयोग की जानकारी देना तथा साहित्य के विभिन्न उपकरणों रस, छन्द, अलंकार, बिम्ब, प्रतीक आदि के स्वरूप और भेदों से परिचित कराना।
- व्याख्यात्मक एवं विश्लेषणात्मक क्षमता के विकास द्वारा उन्हें पठन-पाठन का कौशल प्रदान करना ताकि वे रोजगार प्राप्ति की दिशा में अग्रसर हो सकें।

Programme Outcomes

1. साहित्यिक विषयों के अध्ययन से साहित्य सर्जना की विविध विधाओं, काव्यशास्त्रीय प्रतिमानों, साहित्य की विकास-परम्परा एवं कवियों तथा लेखकों के व्यक्तित्व-कृतित्व के बारे में जान सकेंगे।
2. दार्शनिक विषयों के अध्ययन से भारतीय दर्शन के विभिन्न प्रतिमानों एवं भेद- प्रभेदों के विषय में जानकारी प्राप्त हो सकेगी तथा शिक्षार्थी के अन्दर तार्किक क्षमता विकसित हो सकेगी।
3. अनुवाद में कौशल प्राप्त कर सकेंगे और भाषा के विविध स्वरूपों एवं उसके भेद प्रभेदों का तथा उसकी शुद्धता एवं अशुद्धता का बोध हो सकेगा।
4. शिक्षार्थियों में संप्रेषण एवं व्याख्यात्मक क्षमता विकसित हो सकेगी।
5. भारतीय अर्थव्यवस्था एवं आर्थिक सिद्धान्तों की विस्तृत जानकारी प्राप्त कर सकेंगे।
6. अद्यतन अन्तर्राष्ट्रीय आर्थिक गतिविधियों तथा लोक वित्त एवं मुद्रा बैंकिंग के सन्दर्भ में जान सकेंगे।
7. पर्यावरण संरक्षण, विज्ञान एवं तकनीकी तथा आपदा प्रबन्धन के विविध पहलुओं से सम्बन्धित जानकारी प्राप्त होगी।
8. मुक्त एवं दूरस्थ शिक्षा के विभिन्न आयामों का परिचय प्राप्त कर सकेंगे।
9. सामाजिक-सांस्कृतिक विषयों की समझ विकसित हो सकेगी।
10. विषय की उपादेयता को सम-सामाजिक सन्दर्भों से जोड़ने की क्षमता के विकास द्वारा सम्मानजनक रोजगार प्राप्त करने में सक्षम हो सकेंगे।

Course Outcomes (CO)

UGHI-01 हिन्दी गद्य

- (1) गद्य एवं काव्य में अंतर कर सकेंगे।
- (2) गद्य की विविध विधाओं में अंतर कर सकेंगे तथा एक-दूसरे से मिलती-जुलती गद्य विधाओं में मिलने वाली समानता को समझ सकेंगे।

(3) कहानी, उपन्यास, नाटक, निबन्ध, आलोचना आदि विधाओं की उनके तत्वों के आधार पर विशेषता बता सकेंगे।

(4) श्रव्य एवं दृश्य विधा के विशिष्ट स्वरूप के बारे में जान सकेंगे।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1	✓									
CO2	✓			✓						✓
CO3	✓		✓	✓					✓	✓
CO4	✓			✓					✓	✓

UGHI-02 हिन्दी काव्य

(1) काव्य की प्रमुख रचनाओं का परिचय प्राप्त कर सकेंगे और उनकी काव्यगत विशेषताओं को समझ सकेंगे।

(2) साहित्य के निर्माण में कौन-कौन सी प्रवृत्तियाँ कार्य करती हैं, उनके बारे में जान सकेंगे।

(3) हिन्दी काव्य को नई दिशा देने में किस कवि की क्या भूमिका है जान सकेंगे।

(4) साहित्य समाज का दर्पण होता है, अतः हम साहित्य के द्वारा उस समाज की सामाजिक, राजनीतिक, साहित्यिक एवं सांस्कृतिक पृष्ठभूमि के बारे में जान सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1	✓		✓	✓					✓	✓
CO2	✓			✓					✓	✓
CO3	✓			✓					✓	
CO4	✓								✓	✓

UGHI-03 हिन्दी साहित्य का इतिहास एवं साहित्य परिचय

- (1) साहित्येतिहास लेखन के विभिन्न पक्षों को जान सकेंगे एवं उसकी विभिन्न समस्याओं को समझ सकेंगे।
- (2) हिन्दी साहित्य के इतिहास लेखन का स्वरूप स्पष्ट कर सकेंगे एवं विभिन्न पद्धतियों का मूल्यांकन करके सभी साहित्यिक परंपराओं पर प्रकाश डाल सकेंगे।
- (3) हिन्दी साहित्य के पूर्ववर्ती साहित्य पर प्रकाश डाल सकेंगे एवं उसका हिन्दी साहित्य से सम्बन्ध स्थापित कर सकेंगे।
- (4) काल-सीमा तथा नामकरण का विवेचन करते हुए प्रत्येक काल के प्रेरक बिन्दुओं को बता सकेंगे।

Course Outcomes		Programme Outcome (PO)									
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1		✓			✓					✓	
CO2		✓			✓					✓	✓
CO3		✓		✓	✓						
CO4		✓			✓						✓

UGHI-06 हिन्दी भाषा : इतिहास और वर्तमान

- (1) विश्व के भाषा परिवारों में भारोपीय परिवार का महत्व बता सकेंगे एवं भारत के अन्य भाषा परिवारों की भाषाओं का वर्णन कर सकेंगे।
- (2) भारतीय आर्य भाषाओं संस्कृत, पालि, प्राकृत तथा अपभ्रंश के विकासक्रम तथा उनकी विशेषताओं को बता सकेंगे।
- (3) बोली और भाषा के संबंध को स्पष्ट करते हुए मानक हिंदी और जनपदीय बोलियों के संबंध की व्याख्या कर सकेंगे। साथ ही हिन्दी के विभिन्न प्रकार्यों, उसके अन्तर्राष्ट्रीय सन्दर्भ तथा शिक्षा में उसके प्रयोग के विविध आयामों को समझ सकेंगे।

Course Outcomes		Programme Outcome (PO)									
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1				✓	✓						
CO2		✓		✓	✓						
CO3				✓	✓					✓	✓

UGHI-08 प्रयोजनमूलक हिन्दी

- (1) लेखन में उच्चारणात्मक प्रभावों को व्यक्त करने वाली युक्तियाँ जान सकेंगे।
- (2) लिपि और वर्तनी का संबंध स्पष्ट कर सकेंगे एवं वर्तनी संबंधी मानकीकरण के नियम समझ सकेंगे।
- (3) राजभाषा हिंदी के विकास के संबंध में संघ सरकार के दायित्व और उसके निर्वहन के बारे में जान सकेंगे। प्रशासनिक क्षेत्र में हिन्दी के विविध प्रयोगों का ज्ञान हो सकेगा।
- (4) तकनीकी शब्द निर्माण की विभिन्न विधियों की जानकारी प्राप्त कर सकेंगे तथा प्रयोजनमूलक हिन्दी की विभिन्न प्रयुक्तियों की जानकारी द्वारा उनके प्रयोग में सक्षम हो सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1			✓	✓						
CO2			✓	✓						✓
CO3			✓	✓						✓
CO4			✓	✓						✓

Post Graduate Programme in Hindi

हिन्दी विषय में परास्नातक कार्यक्रम (एम.ए. हिन्दी-MAHI)

Introduction:

प्रस्तावना – मानवमात्र के कल्याण की दृष्टि से विश्व मानवता के शाश्वत जीवन-मूल्यों की अभिव्यक्ति और प्रसार जितना साहित्य के माध्यम से होता है, उतना और किसी विधा से संभव नहीं है। इसीलिए मानव आत्मा के संस्कार में योगदान की दृष्टि से साहित्यिक विषयों के परास्नातक पाठ्यक्रमों का अपना विशेष स्थान है। विभिन्न युगों में, विविधमुखी परिस्थितियों के बीच मानवीय नैतिक मूल्यों को बनाये रखने की महती प्रेरणा विभिन्न भाषाओं के साहित्य में विद्यमान रहती है। यही बात हिन्दी साहित्य के विषय में भी सत्य है। आज भूमण्डलीकरण और मूल्यों के संक्रमण के इस युग में मानवता के उच्च नैतिक आदर्शों को बनाए रखने के लिए साहित्यों के अध्ययन और उससे प्रभाव ग्रहण करने की महती आवश्यकता है। मानविकी विद्याशाखा में परास्नातक स्तर पर संचालित हिन्दी विषयक (एम.ए.हिन्दी) कार्यक्रम के पाठ्यक्रमों/प्रश्नपत्रों में एक ओर तो विभिन्न साहित्यिक विधाओं कविता, कहानी, नाटक, उपन्यास, निबन्ध, आत्मकथा, जीवनी आदि के माध्यम से पाठक समाज के विभिन्न सन्दर्भों से जुड़ता हुआ रचनाकार के मूल्यपरक संदेशों से प्रभावित होता

है, तो दूसरी ओर साहित्य के इतिहास और आलोचना पद्धतियों के अध्ययन द्वारा उसे युगीन परिप्रेक्ष्य में रचनाकारों की समीक्षा करने में वैशिष्ट्य प्राप्त होता है जो समाज को दिशा देने में समर्थ है। हिन्दी भाषा शताब्दियों से भारत की जन-चेतना की संवाहिका रही है। हिन्दी भाषा के वैज्ञानिक अध्ययन के माध्यम से उसके बहुमुखी प्रयोग एवं उसके शिक्षण में सिद्धहस्तता प्रदान करने वाले प्रश्नपत्र भी इस कार्यक्रम में संगुम्फित किये गये हैं। इस प्रकार यह कार्यक्रम शिक्षार्थियों को हिन्दी भाषा और साहित्य के क्षेत्र में रोजगार प्राप्ति हेतु सक्षम बना सकता है।

Objectives:

उद्देश्य:-

- हिन्दी साहित्य के काल विभाजन और नामकरण का ज्ञान प्रदान करना तथा विभिन्न साहित्यिक युगों की प्रवृत्तियों तथा काव्य-रूपों के पारस्परिक सम्बन्ध से परिचित कराना।
- हिन्दी काव्य के विभिन्न युगों की कविताधाराओं के वैशिष्ट्य की जानकारी देना, कवियों की साहित्यिक-सामाजिक भूमिका के विश्लेषण में सक्षम बनाना तथा शिक्षार्थियों को आत्म परिष्कार एवं मानवीय मूल्यों के विकास की ओर अग्रसर करना।
- हिन्दी गद्य की विभिन्न विधाओं के उद्भव, विकास एवं प्रमुख रचनाकारों के वैशिष्ट्य से परिचित कराना और शिक्षार्थियों की सामाजिक वैचारिकी के विकास को प्रोत्साहित करना।
- भाषा विज्ञान का सैद्धान्तिक तथा व्यावहारिक ज्ञान प्रदान करके शिक्षार्थियों को समर्थ भाषा प्रयोग में निपुण बनाना तथा उनकी अभिव्यक्ति क्षमता का विकास।
- सैद्धान्तिक तथा व्यावहारिक आलोचना के विभिन्न पक्षों का ज्ञान कराना।
- शिक्षार्थियों को शोध, अनुसंधान एवं समीक्षा की दिशा में अग्रसर करने हेतु उनमें विश्लेषण क्षमता का विकास करना।
- हिन्दी भाषा तथा साहित्य से संबंधित क्षेत्रों में रोजगार के अवसर प्रदान करना।

Programme Outcomes (PO)

एम.ए. हिन्दी कार्यक्रम को पूर्ण करके शिक्षार्थी-

1. हिन्दी के आदिकाल, मध्यकाल एवं आधुनिक काल के साहित्य रूपों को पहचान सकेंगे तथा विभिन्न साहित्यिक युगों की राजनीतिक, सामाजिक एवं सांस्कृतिक पृष्ठभूमि को समझ सकेंगे।

2. हिन्दी कविता के विविधयुगीन रचनाकारों के स्थितिकाल, वर्ण्य विषय और शैली का ज्ञान प्राप्त कर सकेंगे तथा उनके साहित्यिक अवदान को समझ सकेंगे।
3. हिन्दी गद्य के विविध रचनाकारों के स्थितिकाल, प्रतिपाद्य, शैली एवं विधागत योगदान से परिचित हो सकेंगे।
4. हिन्दी भाषा के विभिन्न स्तरों ध्वनि, अर्थ, शब्द, रूप, वाक्य प्रोक्ति आदि को समझकर उनका प्रयोग करने में सक्षम हो सकेंगे।
5. भाषा विज्ञान का सैद्धान्तिक ज्ञान हो सकेगा और भारतीय आर्य भाषाओं तथा हिन्दी भाषा के विकासात्मक स्वरूप की व्याख्या व विश्लेषण कर सकेंगे।
6. हिन्दी विषय में अनुसंधान के स्वरूप तथा विशेषताओं को समझ सकेंगे और हिन्दी साहित्य से संबंधित विभिन्न विषयों पर शोध अध्ययन की अभिवृत्ति का विकास हो सकेगा।
7. भारतीय एवं पाश्चात्य काव्यशास्त्र के सिद्धान्तों और विचारधाराओं, विभिन्न समीक्षा दृष्टियों तथा शैली विज्ञान आदि को समझ सकेंगे और उनका शोध व समीक्षा के क्षेत्र में प्रयोग करने में सक्षम हो सकेंगे।
8. प्राचीन एवं मध्ययुगीन इतिहास, भारतीय सामाजिक एवं शैक्षिक विचारधारा के सामान्य ज्ञान का हिन्दी भाषा एवं साहित्य के विविध पक्षों के अध्ययन एवं अध्यापन में रचनात्मक उपयोग करने की क्षमता का विकास हो सकेगा।
9. भाषा परिष्कार, भावों और विचारों की सुन्दर अभिव्यक्ति तथा व्याख्यात्मक योग्यता में वृद्धि द्वारा हिन्दी भाषा तथा साहित्य के क्षेत्र में अध्यापन क्षमता का विकास हो सकेगा और शिक्षार्थी रोजगार प्राप्ति में सक्षम हो सकेंगे।
10. मानवाधिकारों एवं कर्तव्यों के अध्ययन से उनके प्रति जागरूकता का विकास हो सकेगा तथा शिक्षार्थी साहित्यिक अध्ययन से प्राप्त जीवन-मूल्यों तथा मानवीय मूल्यों को अपने सामाजिक जीवन में प्रयोग कर सकेंगे।

Course Outcomes (CO)

MAHI-01 हिन्दी काव्य (आदि काव्य, भक्ति काव्य एवं रीति काव्य)

- (1) आदि एवं मध्ययुगीन हिन्दी काव्य ग्रंथों में प्रयुक्त काव्य रूपों की पहचान कर सकेंगे।
- (2) काव्य के निर्माण में कौन-कौन सी प्रवृत्तियाँ कार्य करती हैं, उनके बारे में जान सकेंगे।
- (3) आदि एवं मध्ययुगीन साहित्य के द्वारा उस समय के समाज की सामाजिक, राजनीतिक और सांस्कृतिक पृष्ठभूमि के बारे में जान सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1	✓	✓								
CO2	✓								✓	
CO3	✓	✓						✓		✓

MAHI-02 हिन्दी भाषा और साहित्य का इतिहास

- (1) साहित्य के इतिहास में काल विभाजन और नामकरण को समझ सकेंगे और उस पर चर्चा कर सकेंगे।
- (2) आदिकाल, मध्यकाल एवं आधुनिक काल के स्वरूप एवं महत्व को समझ सकेंगे।
- (3) भाषा परिवार एवं विभिन्न युगों में साहित्यिक भाषा का उद्भव और विकास बता सकेंगे।
- (4) आधुनिक मानक भाषा के रूप में हिन्दी के विकास का परिचय दे सकेंगे एवं वर्तमान युग में हिन्दी के प्रकार्यों और प्रयोजनों की चर्चा कर सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1	✓							✓	✓	
CO2	✓	✓	✓			✓				✓
CO3					✓				✓	
CO4				✓	✓				✓	

MAHI-03 भाषा विज्ञान, हिन्दी भाषा एवं लिपि

- (1) भाषा में ध्वनि, अर्थ तथा संरचना के संबंध में भारतीय दृष्टिकोण की व्याख्या कर सकेंगे।
- (2) वाक्य के केन्द्रीय तत्व-क्रिया का महत्व समझ सकेंगे एवं आधुनिक भाषा विज्ञान के परिप्रेक्ष्य में भारतीय भाषा चिंतन के महत्व की चर्चा कर सकेंगे।
- (3) भाषा में शब्द और अर्थ का संबंध समझा सकेंगे एवं शब्द प्रयोग की विशेषताओं का विश्लेषण कर सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1				✓	✓				✓	
CO2				✓	✓				✓	
CO3				✓			✓		✓	

MAHI-04 नाटक और अन्य गद्य विधाएँ

- (1) हिन्दी नाटक के स्वरूप एवं विकास परम्परा को जान सकेंगे।

- (2) जयशंकर प्रसाद के पूर्व एवं उनके समकालीन नाटकों की विशेषताओं को स्पष्ट कर सकेंगे।
- (3) हिन्दी गद्य की अन्य विधाओं, यात्रा वृत्तांत, रिपोर्ताज, साक्षात्कार, रेखाचित्र, संस्मरण, जीवनी, आत्मकथा, निबंध, आलोचना आदि के स्वरूप एवं विकास-परम्परा को जान सकेंगे।
- (4) नाटक एवं अन्य गद्य विधाओं की प्रमुख रचनाओं का परिचय प्राप्त कर सकेंगे एवं रचनाकारों के साहित्यिक योगदान को समझ सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1	✓		✓							
CO2	✓		✓					✓	✓	✓
CO3	✓		✓							
CO4			✓						✓	✓

MAHI-05 शोध का स्वरूप एवं प्रविधि

- (1) हिन्दी विषय में अनुसन्धान और उसके स्वरूप को जान सकेंगे।
- (2) हिन्दी विषय के संबंध में शोध के क्षेत्र तथा उसकी सीमाओं का निर्धारण कर उसका विश्लेषण एवं प्रमाणन कर सकेंगे।
- (3) अनुसन्धान के विभिन्न प्रकारों के बारे में जान सकेंगे एवं अपने शोध कार्य में उसका उपयोग कर सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1	✓					✓				
CO2	✓					✓	✓	✓		
CO3						✓	✓	✓	✓	✓

MAHI-06 आधुनिक हिन्दी काव्य

- (1) आधुनिक हिन्दी काव्य में राष्ट्रीय जागरण एवं सांस्कृतिक चेतना किस प्रकार अभिव्यक्ति हुई है, इसे जान सकेंगे।
- (2) आधुनिक हिन्दी काव्य की भाषा, शिल्प एवं काव्य-रूप संबंधी विशेषताओं की जानकारी प्राप्त कर सकेंगे।

(3) आधुनिक भाव-बोध के कवियों की विशेषताओं एवं उनकी प्रमुख कविताओं के आधार पर उनका मूल्यांकन कर सकेंगे।

(4) काव्य रचना का लक्ष्य क्या रहा है इसे जान पाएँगे तथा इसके वैचारिक परिपेक्ष्य को रेखांकित कर सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1	✓	✓								✓
CO2	✓						✓			
CO3		✓						✓	✓	✓
CO4	✓	✓					✓		✓	✓

MAHI-07 उपन्यास एवं कहानी

1. भारतीय समाज के स्वरूप और समस्याओं के उपन्यास और कहानी विधा में चित्रण की बारीकियों का परिचय प्राप्त कर सकेंगे।
2. उपन्यास की कथावस्तु की संरचना और अलंकृत शैली की विशिष्टता से परिचित हो सकेंगे। साथ ही संवाद रचना में प्रयुक्त भाषा की सहजता, सरलता और पात्रों के मनोभावों को अभिव्यक्त करने की क्षमता से अवगत हो सकेंगे।
3. विभिन्न समकालीन विमर्शों की अभिव्यक्ति और दिशाबोध के क्षेत्र में हिन्दी उपन्यास और कहानी की विशेषताएँ बतला सकेंगे।
4. कहानी के उद्भव और विकास के सामाजिक, सांस्कृतिक और राजनीतिक कारणों को समझ सकेंगे और हिन्दी साहित्य के विभिन्न युगों में कहानी विधा के वैशिष्ट्य और योगदान की व्याख्या कर सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1	✓		✓					✓		
CO2	✓		✓							
CO3	✓		✓					✓	✓	✓
CO4	✓		✓				✓	✓	✓	✓

MAHI-08 साहित्य सिद्धान्त और समालोचना

1. विभिन्न युगों की सामाजिक-सांस्कृतिक स्थितियों के अनुरूप साहित्य को परिभाषित करने की दृष्टि में हुए परिवर्तन पर प्रकाश डाल सकेंगे।
2. संस्कृत काव्यशास्त्र की चिंतन-दृष्टि का परिचय दे सकेंगे एवं विभिन्न संप्रदायों और उनके आचार्यों के विषय में बता सकेंगे।
3. शैली-विज्ञान और शैली वैज्ञानिक समीक्षा पद्धति के विषय में जानकारी दे सकेंगे, और समाजशास्त्रीय समीक्षा पद्धति पर प्रकाश डाल सकेंगे।
4. कथा साहित्य और नाटक की आलोचना के स्वरूप-विकास की चर्चा कर सकेंगे तथा समकालीन आलोचना में परिवर्तन के बिंदुओं को रेखांकित कर सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1	✓					✓	✓		✓	
CO2							✓		✓	
CO3						✓	✓	✓	✓	
CO4	✓		✓			✓	✓	✓		

MAHI-09

i - उपन्यास स्वरूप और विकास

ii भारतीय उपन्यास

1. हिन्दी उपन्यास के स्वरूप एवं विकास परम्परा को जान सकेंगे।
2. प्रेमचन्द-पूर्व एवं उनके समकालीन उपन्यासों की विशेषता स्पष्ट कर सकेंगे।
3. बीसवीं शती के अन्तिम दो दशकों में उभरने वाले नारी-विमर्श, दलित-विमर्श, उत्तर आधुनिकतावादी मानसिकता की समाजशास्त्रीय अपेक्षाओं से उपन्यास में आए गुणात्मक परिवर्तन को भी स्पष्ट कर सकेंगे।
4. उपन्यासकार के लेखन के दृष्टिकोण को समझ सकेंगे और उनके संदेशों को जान सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1	✓		✓			✓				
CO2	✓		✓					✓	✓	✓
CO3	✓		✓				✓	✓	✓	✓

	CO4			✓				✓			✓
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MAHI-10 हिन्दी उपन्यास

i – प्रेमचन्द का विशेष अध्ययन

ii – प्रेमचन्दोत्तर हिन्दी उपन्यास

1. प्रेमचन्द के उपन्यासों, कहानियों, नाटकों एवं निबन्धों से परिचित हो सकेंगे।
2. प्रेमचन्द के जीवन, उनका व्यक्तित्व तथा उनके दृष्टिकोण को जान सकेंगे।
3. स्वातन्त्र्योत्तर हिन्दी उपन्यासों एवं कथाधारा से परिचित हो सकेंगे।
4. उपन्यास के भाषिक शिल्प की विशेषताओं का परिचय दे सकेंगे।
5. उपन्यास के महत्वपूर्ण बिन्दुओं का विवेचन-विश्लेषण करके उसके औपन्यासिक शिल्प की सफलता-असफलता का विश्लेषण कर सकेंगे।

Course Outcomes		Programme Outcome (PO)									
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
	CO1	✓		✓							✓
	CO2			✓			✓			✓	✓
	CO3	✓		✓					✓		✓
	CO4	✓						✓		✓	
	CO5			✓				✓		✓	

PGDT अनुवाद में स्नातकोत्तर डिप्लोमा

Introduction:

प्रस्तावना:— हिन्दी भाषा के व्यापक प्रचार-प्रसार की नीति का अनुपालन करते हुए हिन्दी भाषा से जुड़े विभिन्न व्यावहारिक एवं रोजगारपरक कौशलों को सिखाने हेतु मानविकी विद्याशाखा के अन्तर्गत स्नातकोत्तर डिप्लोमा स्तर के कई कार्यक्रम संचालित किए जा रहे हैं। उनमें से अनुवाद में स्नातकोत्तर डिप्लोमा एक महत्वपूर्ण, रोजगारपरक एवं लोकप्रिय कार्यक्रम है।

Objectives:

उद्देश्य :

- अनुवाद के स्वरूप एवं वर्तमान समय में उसके महत्व तथा उपयोगिता से परिचित कराना।

- अनुवाद की प्रक्रिया तथा प्रकारों की जानकारी देना तथा भाषा-संरचना के विभिन्न तत्वों का अनुवाद में प्रयोग करने में सक्षम बनाना।
- शिक्षार्थियों में हिन्दी से अंग्रेजी तथा अंग्रेजी से हिन्दी में अनुवाद करने के कौशल का विकास करना।
- सामाजिक, सांस्कृतिक, प्रशासनिक, शैक्षणिक आदि विभिन्न क्षेत्रों में अनुवाद कार्य में निपुणता प्रदान करना।
- उपर्युक्त कौशलों के आधार पर शिक्षार्थियों को कार्यालयी कार्यों, बैंकिंग, शिक्षा, साहित्य, संस्कृति आदि क्षेत्रों में अनुवाद कार्य सम्बन्धी रोजगार के अवसर प्रदान करना।

Programme Outcomes (PO)

इस कार्यक्रम को पूर्ण करके शिक्षार्थी—

1. अनुवाद के स्वरूप, प्रक्रिया, महत्व एवं प्रकारों को समझ सकेंगे।
2. हिन्दी भाषा के विकासात्मक इतिहास और वर्तमान महत्व को समझ सकेंगे। मानक हिन्दी के वर्तमान स्वरूप से परिचित हो सकेंगे। अनुवाद कार्य में हिन्दी भाषा के सही प्रयोग का ज्ञान प्राप्त कर सकेंगे।
3. अनुवाद के सन्दर्भ में शब्द, वाक्य तथा अन्य भाषिक संरचनाओं को समझ सकेंगे और उनका प्रयोग कर सकेंगे।
4. सामाजिक-सांस्कृतिक सन्दर्भों की अनुवाद के क्षेत्र में भूमिका को जान सकेंगे और उस जानकारी का अनुवाद में प्रयोग कर सकेंगे।
5. व्यावहारिक अनुवाद के विविध पक्षों के अनुप्रयोगात्मक ज्ञान के माध्यम से हिन्दी से अंग्रेजी तथा अंग्रेजी से हिन्दी में अनुवाद कौशल का विकास हो सकेगा।
6. हिन्दी भाषा के प्रशासनिक कार्यों में प्रयोग के विषय में जान सकेंगे और विभिन्न प्रयोजनमूलक स्वरूपों में उसके कार्यकारी प्रयोग की दक्षता प्राप्त सकेंगे।
7. अनुवाद में शब्दकोशों के महत्व एवं अनुवाद के क्षेत्र में कम्प्यूटर सम्बन्धी अनुप्रयोगों की जानकारी हो सकेगी।
8. विभिन्न संस्थाओं में हिन्दी भाषा तथा अनुवाद सम्बन्धी क्षेत्रों में सम्मानजनक रोजगार के अवसर प्राप्त कर सकेंगे।

Course Outcomes (CO)

PGDT-01 अनुवाद: सिद्धान्त और प्रविधि

- 1- अनुवाद का महत्व बता सकेंगे एवं उसके स्वरूप का उल्लेख कर सकेंगे।
- 2- अनुवाद के विभिन्न प्रकारों को जान सकेंगे एवं उसकी प्रकृति को स्पष्ट कर सकेंगे।

- 3- अनुवाद के संन्दर्भ में उनकी उपयोगिता से परिचित होकर उनका सही इस्तेमाल सीख सकेंगे।
- 4- कम्प्यूटर अनुवाद क्या है, इससे अनुवाद में कितनी सहायता मिलती है और किस हद तक, क्या यह स्वतंत्र रूप से अनुवाद कर सकता है, जान सकेंगे।

Course Outcomes		Programme Outcome (PO)							
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8
	CO1	✓							✓
	CO2	✓							
	CO3	✓			✓		✓		✓
	CO4	✓						✓	

PGDT-02 अनुवाद का भाषिक और सामाजिक पक्ष

- 1- अनुवाद कार्य और भाषा के संबंध को समझ सकेंगे।
- 2- वाक्य के अर्थ और स्वरूप की चर्चा कर सकेंगे एवं अनुवाद के संदर्भ में विवेचन कर सकेंगे।
- 3- बता सकेंगे कि शब्द किसे कहते हैं, भाषा में उसकी क्या स्थिति है तथा शब्द कैसे बना सकते हैं।
- 4- अनुवाद में भाषा के मानकीकरण को समझा सकेंगे।
- 5- भारत की बहुभाषिता के बारे में बता सकेंगे एवं उसमें अनुवादक की क्या उपयोगिता है, जान सकेंगे।

Course Outcomes		Programme Outcome (PO)							
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8
	CO1	✓	✓						
	CO2		✓	✓					
	CO3		✓	✓				✓	
	CO4		✓						✓
	CO5				✓				✓

PGDT-03 व्यावहारिक अनुवाद: स्तर और क्षेत्र

1. समझ सकेंगे कि वाक्य किसे कहते हैं तथा अनुवाद के दोनों रूपों (हिन्दी तथा अंग्रेजी) का उल्लेख कर सकेंगे एवं वाक्य में शब्दों का सही पदक्रम बता सकेंगे।
2. वाक्य में काल एवं पक्ष का महत्व एवं काल के विभिन्न रूपों को जान सकेंगे।
3. अनुवाद में शब्दकोशों के महत्व को समझकर उनका समुचित उपयोग सीख सकेंगे।

Course Outcomes		Programme Outcome (PO)							
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8
CO1		✓	✓	✓		✓			
CO2		✓		✓					
CO3			✓	✓			✓	✓	✓

PGDT-04 प्रशासनिक अनुवाद

1. प्रशासनिक हिन्दी का प्रयोग किन-किन कार्यों के लिए होता है तथा उसके स्वरूप, क्षेत्र एवं भाषा को जान सकेंगे।
2. प्रशासनिक पत्रों का अनुवाद कर सकेंगे एवं अनुवाद की आवश्यकता के बारे में जान सकेंगे।
3. निविदा, संविदा, प्रेस नोट आदि का अनुवाद कर सकेंगे एवं इनके अनुवाद में आने वाली समस्याएँ जान सकेंगे तथा उन्हें कैसे हल करना चाहिए, सीख सकेंगे।

Course Outcomes		Programme Outcome (PO)							
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8
CO1		✓	✓			✓	✓		
CO2		✓	✓				✓		✓
CO3				✓		✓	✓		✓

PGDT-05 हिन्दी भाषा : इतिहास और वर्तमान

1. विश्व के भाषा परिवारों में भारोपीय परिवार का महत्व बता सकेंगे एवं भारत के अन्य भाषा परिवारों की भाषाओं का वर्णन कर सकेंगे।
2. भारतीय आर्य भाषाओं संस्कृत, पालि, प्राकृत तथा अपभ्रंश की विशेषताओं को बता सकेंगे।
3. बोली और भाषा के संबंध को स्पष्ट करते हुए मानक हिंदी और जनपदीय बोलियों के संबंध की व्याख्या कर सकेंगे। साथ ही हिन्दी के विभिन्न प्रकार्यों, उसके अन्तर्राष्ट्रीय सन्दर्भ तथा शिक्षा में उसके प्रयोग के विविध आयामों को समझ सकेंगे।

Course Outcomes		Programme Outcome (PO)							
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8
	CO1		✓		✓				
	CO2		✓	✓					
	CO3		✓		✓	✓	✓		✓

PGDT-06 प्रयोजनमूलक हिन्दी

1. लेखन में उच्चारणात्मक प्रभावों को व्यक्त करने वाली युक्तियाँ जान सकेंगे।
2. लिपि और वर्तनी का संबंध स्पष्ट कर सकेंगे एवं वर्तनी संबंधी मानकीकरण के नियम समझ सकेंगे।
3. राजभाषा हिंदी के विकास के संबंध में संघ सरकार के दायित्व और उसके निर्वहन के बारे में जान सकेंगे। प्रशासनिक क्षेत्र में हिन्दी के विविध प्रयोगों का ज्ञान हो सकेगा।
4. तकनीकी शब्द निर्माण की विभिन्न विधियों की जानकारी प्राप्त कर सकेंगे तथा प्रयोजनमूलक हिन्दी की विभिन्न प्रयुक्तियों की जानकारी द्वारा उनके प्रयोग में सक्षम हो सकेंगे।

Course Outcomes		Programme Outcome (PO)							
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8
	CO1		✓	✓					
	CO2		✓	✓					✓
	CO3		✓			✓	✓		✓
	CO4			✓		✓	✓	✓	

PGDCWH हिन्दी में रचनात्मक लेखन में स्नातकोत्तर डिप्लोमा

Introduction :

प्रस्तावना:— हिन्दी भाषा भारत राष्ट्र की संवाहिका और जीवनी शक्ति है। देश की यह व्यापक जन सम्पर्क की भाषा है और राष्ट्रभाषा के गौरवपूर्ण आसन पर प्रतिष्ठित है। हिन्दी भाषा से जुड़े विभिन्न व्यावहारिक एवं रोजगारपरक कौशलों को सिखाने के लिए मानविकी विद्याशाखा के अन्तर्गत अनेक स्नातकोत्तर डिप्लोमा कार्यक्रम संचालित हैं। हिन्दी में रचनात्मक लेखन में स्नातकोत्तर डिप्लोमा कार्यक्रम उनमें से एक महत्वपूर्ण कार्यक्रम है जो शिक्षार्थियों को हिन्दी भाषा एवं साहित्य से जुड़े विविध क्षेत्रों में रचना-कौशल की योग्यता प्रदान करने में सक्षम है।

Objectives:

उद्देश्य :

- साहित्य की विभिन्न विधाओं में रचनात्मक लेखन के सिद्धांतों से परिचित कराना एवं रचनात्मक साहित्य की भाषा, अन्तर्वस्तु तथा शैलीगत विशेषताओं की जानकारी प्रदान करना।
- शिक्षार्थियों को साहित्यिक, समाजिक विषयों से सम्बन्धित विभिन्न विधाओं में हिन्दी भाषा में रचनात्मक लेखन का कौशल प्रदान करना।
- संचार के मुद्रित एवं इलेक्ट्रानिक माध्यमों के सन्दर्भ में शिक्षार्थियों की रचनात्मक लेखन क्षमता का विकास करना।
- हिन्दी भाषा दक्षता और रचनात्मक कौशलों के विकास द्वारा छात्रों को हिन्दी साहित्य और भारतीय संस्कृति के संरक्षण एवं विकास में योगदान हेतु समर्थ बनाना।
- शिक्षार्थियों को समाचार पत्रों, पत्रिकाओं तथा सामाजिक महत्व की अन्य संस्थाओं में हिन्दी विषय के रचनात्मक लेखन के माध्यम से रोजगार के अवसर प्राप्त करने योग्य बनाना।

Programme Outcomes (PO)

PGDCWH हिन्दी में रचनात्मक लेखन में स्नातकोत्तर डिप्लोमा

इस कार्यक्रम को पूर्ण करके शिक्षार्थी—

1. साहित्य की विभिन्न विधाओं के स्वरूप तथा विशेषताओं को समझ सकेंगे।
2. साहित्य की रचना प्रक्रिया के विविध आयामों का परिचय प्राप्त कर सकेंगे और विषय के अनुरूप साहित्यिक विधा के चयन एवं तदनु रूप भाषा प्रयोग की जानकारी होगी जिसका प्रयोग वे अपने रचनात्मक लेखन में कर सकेंगे।
3. फीचर लेखन, रिपोर्टाज, यात्रा-लेखन, पुस्तक-समीक्षा एवं साक्षात्कार विधाओं के स्वरूप एवं लेखन शैली से परिचित होकर इस ज्ञान का रचनात्मक उपयोग कर सकेंगे।

PGDCWH -02 फीचर लेखन

1. फीचर का अर्थ एवं महत्व बता सकेंगे तथा फीचर के प्रेरक तत्व, आधार-सामग्री तथा परिवेश के महत्वपूर्ण पक्षों की व्याख्या कर सकेंगे।
2. सामाजिक फीचर क्या है, उसके कितने प्रकार हैं, तथा उसके लिए आवश्यक सामग्री की उपयोगिता समझा सकेंगे।
3. पुस्तक समीक्षा के विभिन्न प्रकारों का उल्लेख कर सकेंगे एवं पुस्तक समीक्षा के लेखन में प्रवृत्त हो सकेंगे।
4. साक्षात्कार के लिए प्रश्नों का निर्माण कर सकेंगे एवं साक्षात्कार लेने की क्षमता का विकास कर सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	
CO1	✓		✓						✓	
CO2	✓	✓	✓						✓	
CO3	✓	✓	✓						✓	
CO4	✓	✓	✓						✓	

PGDCWH -03 लघु कहानी लेखन

1. कहानी के लिए उपयुक्त विषय की खोज कर सकेंगे।
2. कहानी में भाषा और शैली के अन्तःसम्बन्ध को बता सकेंगे और कहानी के लिए उपयुक्त भाषा और शैली का प्रयोग कर सकेंगे।
3. नाटक में पात्रों का महत्व समझ सकेंगे एवं अपने नाटक के लिए उपयुक्त पात्र चुन सकेंगे।
4. रंगमंच क्या है, बता सकेंगे तथा नाटक और रंगमंच के सम्बन्ध का विश्लेषण कर सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	
CO1	✓	✓		✓					✓	

CO2	✓	✓		✓					✓
CO3	✓	✓		✓					✓
CO4	✓	✓		✓					

PGDCWH -04 मीडिया के लिए लेखन : रेडियो और टेलीविजन

1. संचार के संक्षिप्त इतिहास और उसकी प्रक्रिया बता सकेंगे।
2. आधुनिक समाज में संचार माध्यमों की भूमिका का वर्णन कर सकेंगे और इलेक्ट्रॉनिक माध्यमों की विशिष्टता पहचान सकेंगे।
3. रेडियो विज्ञापन का महत्व समझा सकेंगे तथा विज्ञापन की विशिष्टताओं और सीमाओं को रेखांकित कर सकेंगे।
4. किसानों, खेतिहर मजदूरों, ग्रामीण महिलाओं, ग्रामीण युवकों और गांव के बच्चों के लिए किन-किन विषयों पर लिखा जाय, इसका चुनाव कर सकेंगे।

Course Outcomes	Programme Outcome (PO)								
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9
CO1	✓	✓			✓				
CO2	✓				✓			✓	✓
CO3	✓				✓				✓
CO4	✓	✓					✓		✓

PGDCWH -05 कविता लेखन

1. कविता में कल्पना, पद-रचना, रागात्मकता तथा बिम्ब-रूपक-प्रतीक की पहचान कर सकेंगे।
2. कविता की मौलिकता और विश्वसनीयता को परख सकेंगे।
3. आधुनिक कविता में रस, छन्द, अंलकार का क्या स्थान है, यह जान सकेंगे।
4. कविता लिखने के लिए अपने को तैयार कर पाएँगे।

Course Outcomes		Programme Outcome (PO)								
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9
CO1		x	x				x			
CO2		x	x				x			x
CO3		x	x				x			
CO4		x	x				x			x

PGDCWH -06 विभिन्न सामाजिक वर्ग और लेखन

1. विभिन्न आयु एवं वर्ग के बालकों की रुचियाँ तथा साहित्य सम्बन्धी आवश्यकताएँ बता सकेंगे।
2. बच्चों के लिए कहानियों और अन्य कहानियों में अंतर स्पष्ट कर सकेंगे तथा बाल कहानियाँ लिखने की अपनी क्षमता का विकास कर सकेंगे।
3. किशोरों, महिलाओं और ग्रामीणों के लिए साहित्य का स्वरूप निर्धारित कर सकेंगे एवं उनकी विशेषताएँ बता सकेंगे।
4. बच्चों, किशोरों, महिलाओं और ग्रामीणों के सामाजिक और राष्ट्रीय स्वरूप को उजागर कर सकेंगे।

Course Outcomes		Programme Outcome (PO)								
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9
CO1		x	x					x		
CO2		x	x					x		x
CO3		x	x					x		x
CO4		x	x					x		x

PGDCWH -07 समाचार संकलन, लेखन और संपादन

1. शिक्षार्थी मुद्रित संचार माध्यमों के विभिन्न रूपों के विषय में जानकारी प्राप्त कर सकेंगे।
2. शिक्षार्थी पत्रकारिता के मुद्रित स्वरूपों में अधिकांशतः प्रयोग की जाने वाली विविध तकनीकों को जान सकेंगे।
3. उनके पत्रकारिता सम्बन्धी कौशल का विकास हो सकेगा।
4. उन्हें जनसंचार एवं पत्रकारिता से जुड़े विभिन्न समसामयिक सन्दर्भों का ज्ञान हो सकेगा।
5. शिक्षार्थियों में समाचार संकलन एवं सम्पादन की क्षमता का विकास हो सकेगा।

6. शिक्षार्थियों को विभिन्न व्यक्तिगत एवं संस्थागत नैतिक मूल्यों का ज्ञान होगा, जिनका वे समाचार संकलन, लेखन एवं सम्पादन में प्रयोग कर सकेंगे।

Course Outcomes	Programme Outcome (PO)								
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9
CO1	x				x				
CO2	x				x			x	x
CO3					x			x	x
CO4	x	x			x		x	x	x
CO5	x				x			x	x
CO6	x							x	x

PGDFH प्रयोजनमूलक हिन्दी में स्नातकोत्तर डिप्लोमा

Introduction:

प्रस्तावना :- दूरस्थ शिक्षा प्रणाली की सभी विशेषताओं से समन्वित उ.प्र. राजर्षि टण्डन मुक्त विश्व विद्यालय वर्तमान समय और समाज की आवश्यकताओं के अनुरूप मानव संसाधनों के विकास हेतु संकल्पित है। हिन्दी भाषा के व्यापक प्रचार-प्रसार और संवर्द्धन की भारत सरकार की नीति का अनुपालन करते हुए हिन्दी भाषा के प्रयोजनमूलक स्वरूप के विभिन्न आयामों का ज्ञान व कौशल प्रदान करके छात्रों को रोजगार की प्राप्ति में सक्षम बनाने की दिशा में विश्वविद्यालय की मानविकी विद्याशाखा के अन्तर्गत प्रयोजनमूलक हिन्दी में स्नातकोत्तर डिप्लोमा कार्यक्रम संचालित है।

Objectives:

उद्देश्य :

- शिक्षार्थियों को हिन्दी साहित्य के विभिन्न युगों की परिस्थितियों एवं साहित्यिक गतिविधियों की जानकारी देना तथा उनके वैचारिक दृष्टिकोण का विकास।
- वर्तमान युग में विभिन्न समसामयिक क्षेत्रों में प्रयुक्त हिन्दी भाषा की विशेषताओं का ज्ञान कराना तथा प्रयोजनमूलक हिन्दी भाषा के बहुमुखी प्रयोग की दक्षता विकसित करना।

- शिक्षार्थियों को हिन्दी से अंग्रेजी तथा अंग्रेजी से हिन्दी में अनुवाद की बारीकियों से परिचित कराना और एतत्सम्बन्धी ज्ञान के व्यावहारिक प्रयोग में कुशलता प्रदान करना।
- उन्हें कार्यालयी क्षेत्रों, समाचार पत्रों, विभिन्न क्षेत्रों की पारिभाषिक शब्दावली, विभिन्न सामाजिक वर्गों के लिए हिन्दी भाषा में लेखन-क्षमता के विकास द्वारा रोजगार प्राप्ति के योग्य बनाना।

Programme Outcomes (PO)

PGDFH प्रयोजनमूलक हिन्दी में स्नातकोत्तर डिप्लोमा

इस कार्यक्रम को पूर्ण करके शिक्षार्थी—

1. हिन्दी साहित्य के काल विभाजन और नामकरण का ज्ञान प्राप्त कर सकेंगे, आदिकाल, मध्यकाल व आधुनिक काल में हिन्दी भाषा एवं साहित्य के स्वरूप और महत्व को समझ सकेंगे।
2. आधुनिक मानक भाषा के रूप में हिन्दी के स्वरूप विकास तथा वर्तमान युग में हिन्दी के प्रकार्यों और प्रयोजनों का ज्ञान प्राप्त कर सकेंगे तथा विभिन्न क्षेत्रों में हिन्दी भाषा के शुद्ध प्रयोग की दक्षता का विकास हो सकेगा।
3. व्यावहारिक अनुवाद के विविध पक्षों के अनुप्रयोगात्मक ज्ञान के माध्यम से हिन्दी से अंग्रेजी तथा अंग्रेजी से हिन्दी में अनुवाद कौशल का विकास हो सकेगा।
4. समाचार संकलन, लेखन एवं सम्पादन विधा की जानकारी द्वारा इस क्षेत्र में भी कार्य करने में सक्षमता प्राप्त कर सकेंगे।
5. हिन्दी भाषा के प्रशासनिक कार्यों में प्रयोग के विषय में जान सकेंगे और विभिन्न प्रयोजनमूलक स्वरूपों में उसके कार्यकारी प्रयोगों की दक्षता प्राप्त करके विभिन्न संस्थाओं में सम्मानजनक रोजगार के अवसर प्राप्त कर सकेंगे।
6. विभिन्न सामाजिक वर्गों के लिए लेखन, जैसे— बाल साहित्य, किशोर साहित्य, महिलाओं हेतु लेखन, ग्रामीणों के लिए साहित्य लेखन आदि की विशेषताओं से परिचित होकर इन क्षेत्रों में लेखन में प्रवृत्त हो सकेंगे।

Course Outcomes (CO)

PGDFH-01 हिन्दी भाषा और साहित्य का इतिहास

1. साहित्य के इतिहास में काल विभाजन और नामकरण को समझ सकेंगे और उस पर चर्चा कर सकेंगे।
2. आदिकाल, मध्यकाल एवं आधुनिक काल के स्वरूप एवं महत्व को समझ सकेंगे।
3. भाषा परिवार एवं विभिन्न युगों में साहित्यिक भाषा का उद्भव और विकास बता सकेंगे।

4. आधुनिक मानक भाषा के रूप में हिन्दी के विकास का परिचय दे सकेंगे एवं वर्तमान युग में हिन्दी के प्रकार्यों और प्रयोजनों की चर्चा कर सकेंगे।

Course Outcomes		Programme Outcome (PO)						
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7
CO1		x						
	CO2	x	x					
	CO3		x			x		x
CO4		x	x	x	x	x	x	

PGDFH-02 प्रयोजनमूलक हिन्दी

- लेखन में उच्चारणात्मक प्रभावों को व्यक्त करने वाली युक्तियाँ जान सकेंगे।
- लिपि और वर्तनी का संबंध स्पष्ट कर सकेंगे एवं वर्तनी संबंधी मानकीकरण के नियम समझ सकेंगे।
- राजभाषा हिंदी के विकास के संबंध में संघ सरकार के दायित्व और उनके निर्वहन के बारे में जान सकेंगे। प्रशासनिक क्षेत्र में हिन्दी के विविध प्रयोगों का ज्ञान हो सकेगा।
- तकनीकी शब्द निर्माण की विभिन्न विधियों की जानकारी प्राप्त कर सकेंगे तथा प्रयोजनमूलक हिन्दी की विभिन्न प्रयुक्तियों की जानकारी द्वारा उनके प्रयोग में सक्षम हो सकेंगे।

Course Outcomes		Programme Outcome (PO)						
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7
CO1			x	x				x
	CO2		x	x		x		x
	CO3		x			x		x
CO4		x	x		x		x	

PGDFH-03 व्यावहारिक अनुवाद: स्तर और क्षेत्र

1. समझ सकेंगे कि वाक्य किसे कहते हैं तथा अनुवाद के दोनों रूपों (हिन्दी और अंग्रेजी) का उल्लेख कर सकेंगे एवं वाक्य में शब्दों का सही पदक्रम बता सकेंगे।
2. वाक्य में काल एवं पक्ष का महत्व एवं काल के विभिन्न रूपों को जान सकेंगे।
3. अनुवाद में शब्दकोशों के महत्व को समझकर उनका समुचित उपयोग सीख सकेंगे।

Course Outcomes	Programme Outcome (PO)						
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7
CO1		x	x				x
CO2		x	x				x
CO3		x	x		x		x

PGDFH -04 समाचार संकलन, लेखन और संपादन

1. शिक्षार्थी मुद्रित संचार माध्यमों के विभिन्न रूपों के विषय में जानकारी प्राप्त कर सकेंगे।
2. शिक्षार्थी पत्रकारिता के मुद्रित स्वरूपों में अधिकांशतः प्रयोग की जाने वाली विविध तकनीकों को जान सकेंगे।
3. उनके पत्रकारिता सम्बन्धी कौशल का विकास हो सकेगा।
4. उन्हें जनसंचार एवं पत्रकारिता से जुड़े विभिन्न समसामयिक सन्दर्भों का ज्ञान हो सकेगा।
5. शिक्षार्थियों में समाचार संकलन एवं सम्पादन की क्षमता का विकास हो सकेगा।
6. शिक्षार्थियों को विभिन्न व्यक्तिगत एवं संस्थागत नैतिक मूल्यों का ज्ञान होगा, जिनका वे समाचार संकलन, लेखन एवं सम्पादन में प्रयोग कर सकेंगे।

Course Outcomes	Programme Outcome (PO)						
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7
CO1		x		x		x	x
CO2		x		x	x		x
CO3		x		x			x
CO4		x		x		x	x
CO5		x		x			x
CO6				x		x	x

PGDFH-05 प्रशासनिक अनुवाद

1. प्रशासनिक हिन्दी का प्रयोग किन-किन कार्यों के लिए होता है तथा उसके स्वरूप, क्षेत्र एवं भाषा जान सकेंगे।
2. प्रशासनिक पत्रों का अनुवाद कर सकेंगे एवं अनुवाद की आवश्यकता के बारे में जान सकेंगे।
3. निविदा, संविदा, प्रेस नोट आदि का अनुवाद कर सकेंगे एवं इनके अनुवाद में आने वाली समस्या जान सकेंगे तथा उसे कैसे हल करना चाहिए सीख सकेंगे।

Course Outcomes	Programme Outcome (PO)						
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7
CO1		x			x		x
CO2		x	x		x		x
CO3		x	x		x		x

PGDFH- 06 विभिन्न सामाजिक वर्ग और लेखन

1. विभिन्न आयु एवं वर्ग के बालकों की रुचियाँ तथा साहित्य सम्बन्धी आवश्यकताएँ बता सकेंगे।
2. बच्चों के लिए कहानियों और अन्य कहानियों में अंतर स्पष्ट कर सकेंगे तथा बाल कहानियाँ लिखने की अपनी क्षमता का विकास कर सकेंगे।
3. किशोरों, महिलाओं और ग्रामीणों के लिए साहित्य का स्वरूप निर्धारित कर सकेंगे एवं उनकी विशेषताएँ बता सकेंगे।
4. बच्चों, किशोरों, महिलाओं और ग्रामीणों के सामाजिक और राष्ट्रीय स्वरूप को उजागर कर सकेंगे।

Course Outcomes	Programme Outcome (PO)						
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7
CO1		x				x	x
CO2		x				x	x
CO3		x			x	x	x
CO4		x			x	x	x

Programme: B.A. English UGEN/CSSSEN

Introduction

The Bachelor of Arts in English is the annual programme based on Chociced based Credit System(C B CS).Its students learn to analyze literature and to write on literary topics at an advance level. Students complete a rigorous program of courses that introduce them to cutting

–edge research while training them to understand arrange of theoretical and literary ,historical frameworks for understanding literature .

Objective

Developing intellectual, personal and professional abilities through effective communicative skills; ensuring high standard of behavioral attitude through literary subjects and shaping the students socially responsible citizens.:

Programme Outcomes

PO1:	On successful completion of the Programme, the students will be accurate both in oral and written communication as they will be strong in Grammar and its usage.
PO2:	They can express a thorough command of English and its linguistic structures.
PO3:	They can apply critical frameworks to analyze the linguistic, cultural and historical background of texts written in English.
PO4:	They will be familiar with the conventions of diverse textual genres including fiction, non-fiction, poetry, autobiography, biography, Journal, film, plays, editorials etc.
PO5:	One who aiming of becoming teacher in higher education, PGT, TGT degree college and university levels the course provides him a good platform.
PO6	Course enables students to go various English language related jobs

Course Outcome-

UGEN-01/CSSSEN-01 (Language through Literature)

CO1	Students will be knowing the beauty of the coherence of language and literature.
CO2	To demonstrate the awareness of evolution theory of language by varied culture.
CO3	To study the formation of new words and acquainted with grammatical forms and functions.
CO4	To apply literary terminology for narrative poetic and dramatic genre. To identify and use the figure of speech in writing.
CO5	To appreciate literary form and structure in shaping a text’s meaning.

Mapping of CO to PSO

Program Outcome s (PO):	Course outcomes (CO)					
	CO1	CO2	CO3	CO4	CO5	CO6
PO1	x					
PO2		x	x			
PO3						
PO4						
PO5	x	x	x	x	x	
PO6	x	x	x	x	x	

Course Outcomes

UGEN-02/CSSSEN-02 (Modern Structure of English Language)

CO1	Student will be enabled to understand phonetics, phonology, morphology and syntax in English language
CO2	Analyze the structure and evolution of English words and texts from the point of view of morphology, phonology, grammar syntax and semantics.
CO3	Recognize and comprehend different varieties of English languages.
CO4	Students will be utilize the practical application of English grammar in teaching English language and literature and professional careers.
CO5	
CO6	

Mapping of CO to PSO

Program Outcome s (PO):	Course outcomes (CO)					
	CO1	CO2	CO3	CO4	CO5	CO6
PO1	x					
PO2	x	x				
PO3			x			
PO4						
PO5				x		
PO6				x		

Course Outcomes

UGEN-03/CSSSEN-03 (Communication skills in English)

CO1	Students will be able to accurately and precisely communicate – both in speaking and writing in a variety of contexts and genres.
CO2	Demonstrate a thorough command of English and its linguistic structures.
CO3	Identify and describe the nature and function of language as a human attribute, including language acquisition, language and society, language and culture, language and thought.
CO4	Conduct original research and be prepared to pursue advanced studies in English, Public relations or communication fields.
CO5	
CO6	

Mapping of CO to PSO

Program Specific Outcome s (PO):	Course outcomes (CO)					
	CO1	CO2	CO3	CO4	CO5	CO6
PO1	x					
PO2		x				
PO3						
PO4						

	PO5	x	x	x	x		
	PO6				x		

Course Outcomes

UGEN-04/CSSSEN-04 (Understanding Prose)

CO1	Students will be enabled to distinguish between prose and poetry.
CO2	To define descriptive, narrative and expository prose.
CO3	Able to describe prose forms such as the short story, novel, essay, biography and auto biography,
CO4	Students will be aware of socio-political, historical and economic conditions of the society from different periods.
CO5	Students also will learn to write precisely with brevity.
CO6	

Mapping of CO to PSO

Program Outcome s (PO):	Course outcomes (CO)					
	CO1	CO2	CO3	CO4	CO5	CO6
PO1						
PO2					x	
PO3						
PO4			x			
PO5	x	x	x	x	x	
PO6	x	x	x	x	x	

Course Outcomes

UGEN-05/CSSSEN-05 (Understanding Poetry)

CO1	Students will be able to identify a variety of forms and genres of poetry from diverse cultures and historic periods.
CO2	To recognize the rhythms, metrics and other musical aspects of poetry.
CO3	To understand the British Poetry, American Poetry and Indian Poetry, their works and style.
CO4	Analyze the various elements of poetry such as diction, tone, form, imagery, figure of speech and symbolism etc.
CO5	Develop a deeper appreciation of cultural diversity by introducing them to poetry from a variety of culture through out the words.
CO6	

Mapping of CO to PO

Program Outcome s (PO):	Course outcomes (CO)					
	CO1	CO2	CO3	CO4	CO5	CO6
PO1	x					
PO2		x				

	PO3						
	PO4				x		
	PO5	x	x	x	x	x	
	PO6	x	x	x	x	x	

अर्थशास्त्र (परास्नातक)

MAEC

Introduction : अर्थशास्त्र को मानव जीवन का आधार कहा जा सकता है। All India Economic Services, बैंकिंग क्षेत्र, सहकारिता, कृषि एवं ग्रामीण विकास के क्षेत्र से संबंधित नौकरियों और व्यावसायों के लिए शिक्षार्थियों को अर्हता प्रदान करना। इस विषय के स्नातकोत्तर उपाधि धारको को उपर्युक्त सभी क्षेत्रों में रोजगार के अवसर उपलब्ध हो सकते हैं जिससे उन्हें देश के आर्थिक विकास में अपनी क्षमताओं के उपयोग का अवसर प्राप्त हो सकता है।

Objective :

प्रस्तुत अर्थशास्त्र (परास्नातक)MAEC के अध्ययन के पश्चात शिक्षार्थियों में-

- भारत में अर्थशास्त्र से सम्बन्धित विभिन्न चली आ रही अवधारणाओं अर्थशास्त्र सिद्धांतों की समझ विकसित होगी।
- अर्थशास्त्र से सम्बन्धित विभिन्न चली आ रही अन्तर्राष्ट्रीय अर्थशास्त्र की समझ विकसित होगी।
- इस कार्यक्रम के माध्यम से भारत के साथ ही क्षेत्रीय अर्थशास्त्र स्तर पर हुए की समझ विकसित होगी।
- अर्थशास्त्र की शोध प्रणाली से की जानकारी का विकास होगा।
- आर्थिक प्रणालियों और आर्थिक दृष्टिकोण की जानकारी का विकास होगा।

Programme Outcomes

- PO1. अर्थशास्त्र से सम्बन्धित विभिन्न अवधारणाओं की समझ विकसित हो जाएगी।
- PO2. भारतीय एवं पाश्चात्य अर्थशास्त्र के प्रमुख चिंतकों से परिचित होंगे।
- PO3. भारतीय अर्थशास्त्र, अन्तर्राष्ट्रीय अर्थशास्त्र, क्षेत्रीय अर्थशास्त्र एवं समकालीन विचारों एवं प्रभावों की जानकारी हो सकेगी।
- PO4. विभिन्न अर्थशास्त्र सिद्धांतों की प्रासंगिकता का ज्ञान होगा।

- P05. शिक्षार्थी में आर्थिक प्रणालियों और आर्थिक दृष्टिकोण का विकास होगा।

MAEC - 01

आर्थिक सिद्धान्त

- C01. आर्थिक सिद्धान्त के मूल स्रोतों से परिचित कराना।
- C02. आर्थिक सिद्धान्त की विविधता एवं विभिन्न आयामों को स्पष्ट करना।
- C03. भारतीय आर्थिक सिद्धान्तों का तुलनात्मक अध्ययन।
- C04. विद्यार्थियों में आर्थिक सिद्धान्तों की समझ विकसित करना।
- C05. समसामयिक सन्दर्भ में भारतीय आर्थिक सिद्धान्त की प्रासंगिकता को स्पष्ट करना।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	✓				
C02		✓			
C03		✓			
C04					✓
C05				✓	

MAEC - 02

सार्वजनिक अर्थशास्त्र

- C01. सार्वजनिक अर्थशास्त्र की मूल अवधारणाओं को समझना।
- C02. सार्वजनिक अर्थशास्त्र के विकासक्रम को स्पष्ट करना।
- C03. सार्वजनिक अर्थशास्त्र के सिद्धान्तों की जानकारी प्राप्त करना।
- C04. सार्वजनिक अर्थशास्त्र में राजकाषीय प्रणालियों को स्पष्ट करना।

C05. समसामयिक परिवेश में सार्वजनिक अर्थशास्त्र की प्रासंगिकता को समझना।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	✓				
C02		✓			
C03		✓			
C04					✓
C05					x

MAEC – 03

परिमाणात्मक विधियाँ

C01. परिमाणात्मक विधियों से परिचित कराना

C02. परिमाणात्मक विधियाँ के महत्व से परिचित कराना।

C03. परिमाणात्मक विधियों के आयामों को समझना।

C04. आकाड़ों की समीक्षा को समझना।

C05. परिमाणात्मक विधियाँ प्रासंगिकता को स्पष्ट करना।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	✓				
C02		✓			
C03		✓			
C04					✓
C05				✓	x

MAEC - 04

श्रम अर्थशास्त्र

- C01. श्रम अर्थशास्त्र के मूलभूत सिद्धांतों से परिचय कराना।
- C02. श्रम अर्थशास्त्र की विभिन्न संरचना का ज्ञान कराना।
- C03. जनशक्ति नियोजन से परिचित कराना।
- C04. श्रम कल्याण और सामाजिक सुरक्षा का ज्ञान कराना।
- C05. समसामयिक श्रम अर्थशास्त्र की प्रासंगिकता स्पष्ट करना।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	✓				
C02		✓			
C03		✓			
C04					✓
C05					✗

MAEC - 05

अर्थशास्त्र की शोध प्रणाली

- C01. समकालीन अर्थशास्त्र की शोध प्रणालियों से शिक्षार्थी को परिचित कराना।
- C02. प्रमुख अर्थशास्त्र की शोध प्रणालियों के प्रकार को समझना।
- C03. साक्षात्कार और प्रश्नानली को स्पष्ट करना।
- C04. सामाजिक आर्थिक जीवन पर अर्थशास्त्र की शोध प्रणालियों पर पड़ने वाले प्रभाव का अध्ययन।
- C05. वर्तमान परिप्रेक्ष्य में अर्थशास्त्र की शोध प्रणालियों की प्रासंगिकता।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	✓		✓		
C02		✗	✓		
C03		✗	✓		
C04					✓
C05					✗

MAEC - 06

आर्थिक सिद्धान्त – द्वितीय

- C01. आर्थिक सिद्धान्त के उन्नत अवधारणाओं को समझना।
- C02. राष्ट्रीय आय से परिचित कराना।
- C03. राष्ट्रीय आय की प्रमुख समस्याओं को स्पष्ट करना।
- C04. विभिन्न आर्थिक विकास मॉडल को समझना।
- C05. समकालीन परिप्रेक्ष्य में आर्थिक सिद्धान्त के उन्नत अवधारणाओं की प्रासंगिकता को समझना।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	✓				
C02		✓			
C03		✓			
C04					✓
C05				✓	✗

MAEC - 07

अन्तर्राष्ट्रीय अर्थशास्त्र

- C01. अन्तर्राष्ट्रीय अर्थशास्त्र से शिक्षार्थी को परिचित कराना।

- C02. अन्तर्राष्ट्रीय अर्थशास्त्र के प्रमुख विचारकों को समझना।
- C03. अन्तर्राष्ट्रीय अर्थशास्त्र के समकालीन व्यापार मॉडलों के अंतर्सम्बन्ध को स्पष्ट करना।
- C04. अन्तर्राष्ट्रीय संस्थाओं का भारत पर प्रभाव का अध्ययन।
- C05. वर्तमान परिप्रेक्ष्य में अन्तर्राष्ट्रीय अर्थशास्त्र की प्रासंगिकता।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
C01			✓		
C02			✓		
C03			✓		
C04				✓	
C05					✓

MAEC - 08

भारतीय अर्थ शास्त्र का विकास

- C01. भारतीय अर्थव्यवस्था के विषय क्षेत्र को स्पष्ट करना।
- C02. भारत में नियोजन एवं कृषि विकास को समझना।
- C03. भारतीय अर्थव्यवस्था की संरचना का विस्तार से अध्ययन।
- C04. पूँजी उत्पाद अनुपात एवं इसका प्रभाव अवधारणा की समझ।
- C05. भारतीय अर्थव्यवस्था के समस्याओं और महत्व को समझना।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
C01	✓				
C02		✓			

C03		✓			
C04					✓
C05				✓	✗

MAEC - 09

क्षेत्रीय आर्थिक विकास एवं नियोजन

- C01. क्षेत्रीय अर्थशास्त्र तथा आर्थिक विश्लेषण से परिचय।
- C02. क्षेत्रीय संवृद्धि के विभिन्न सिद्धान्तों का समीक्षात्मक मूल्यांकन
- C03. क्षेत्रीय नियोजन मॉडल का अध्ययन एवं अनुप्रयोग
- C04. भारतीय अर्थव्यवस्था की संरचना का अध्ययन
- C05. भारत में बहु स्तरीय नियोजन (राज्य स्तर तथा जिला स्तर नियोजन के विशेष संदर्भ में) की प्रासंगिकता।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	✓				
C02		✓			
C03		✓			
C04					✓
C05				✓	✗

MAEC - 10

प्रबन्धकीय अर्थशास्त्र

- C01. प्रबन्धकीय अर्थशास्त्र की प्रकृति एवं क्षेत्र एवं पृष्ठभूमि की समझ।
- C02. प्रबन्धकीय अर्थशास्त्र में मांग को समझना।
- C03. प्रबन्धकीय अर्थशास्त्र का व्यावहारिक अनुप्रयोग।
- C04. प्रबन्धकीय अर्थशास्त्र में उत्पादन फलन को समझना।

C05. प्रबन्धकीय अर्थशास्त्र की प्रासंगिकता।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	✓				
C02		✓			
C03		✓			
C04					✓
C05				✓	x

अर्थशास्त्र (स्नातक)

UGEC/CSSEC

Inrtoduction : अर्थशास्त्र को मानव जीवन का आधार कहा जा सकता है। All India Economic Services, बैंकिंग क्षेत्र, सहकारिता, कृषि एवं ग्रामीण विकास के क्षेत्र से संबंधित नौकरियों और व्यावसायों के लिए शिक्षार्थियों को अर्हता प्रदान करना। इस विषय के स्नातक उपाधि धारको को उपर्युक्त सभी क्षेत्रों में रोजगार के अवसर उपलब्ध हो सकते हैं जिससे उन्हें देश के आर्थिक विकास में अपनी क्षमताओं के उपयोग का अवसर प्राप्त हो सकता है।

Objective :

प्रस्तुत अर्थशास्त्र (स्नातक)UGEC के अध्ययन के पश्चात शिक्षार्थियों में-

- भारत में अर्थशास्त्र से सम्बन्धित विभिन्न चली आ रही अवधारणाओं अर्थशास्त्र सिद्धांतों की समझ विकसित होगी।
- अर्थशास्त्र से सम्बन्धित विभिन्न चली आ रही अन्तराष्ट्रीय अर्थशास्त्र की समझ विकसित होगी।
- इस कार्यक्रम के माध्यम से भारत के साथ ही क्षेत्रीय अर्थशास्त्र स्तर पर हुए की समझ विकसित होगी।
- अर्थशास्त्र की शोध प्रणाली से की जानकारी का विकास होगा।
- आर्थिक प्रणालियों और आर्थिक दृष्टिकोण की जानकारी का विकास होगा।

Programme Outcomes

- P01.** साहित्यिक विषयों के अध्ययन से साहित्य सर्जना की विविध विधाओं, काव्यशास्त्रीय प्रतिमानों, साहित्य की विकास-परम्परा एवं कवियों तथा लेखकों के व्यक्तित्व-कर्तृत्व के बारे में जान सकेंगे।
- P02.** दार्शनिक विषयों के अध्ययन से भारतीय दर्शन के विभिन्न प्रतिमानों एवं भेद प्रभेदों के विषय में जानकारी प्राप्त हो सकेगी तथा शिक्षार्थी अन्दर तार्किक क्षमता विकसित हो सकेगी।
- P03.** अनुवाद में कौशल प्राप्त कर सकेंगे और भाषा के विविध स्वरूपों एवं उसके भेद-प्रभेदों का तथा उसकी शुद्धता एवं अशुद्धता का बोध हो सकेगा।
- P04.** शिक्षार्थियों में संप्रेषण एवं व्याख्यात्मक क्षमता विकसित हो सकेगी।
- P05.** भारतीय अर्थव्यवस्था एवं आर्थिक सिद्धांतों की विस्तृत जानकारी प्राप्त कर सकेंगे।
- P06.** अद्यतन अन्तर्राष्ट्रीय आर्थिक गतिविधियों तथा लोक वित्त एवं मुद्रा बैंकिंग के सन्दर्भ में जान सकेंगे।
- P07.** पर्यावरण संरक्षण, विज्ञान एवं तकनीकी तथा आपदा प्रबन्धन के विविध पहलुओं से सम्बन्धित जानकारी प्राप्त होगी।
- P08.** मुक्त एवं दूरस्थ शिक्षा के विभिन्न आयामों का परिचय प्राप्त कर सकेंगे।
- P09.** सामाजिक सांस्कृतिक विषयों की समझ विकसित हो सकेगी।
- P010.** विषय की उपादेयता को राग-सामाजिक सन्दर्भों से जोड़ने की क्षमता के विकास द्वारा सम्मानजनक रोजगार प्राप्त करने में सक्षम हो सकेंगे।

UAEC - 01

अर्थशास्त्र के मूल सिद्धान्त

- C01. आर्थिक सिद्धान्त के मूल स्रोतों से परिचित कराना।
- C02. आर्थिक सिद्धान्त की विविधता एवं विभिन्न आयामों को स्पष्ट करना।
- C03. भारतीय आर्थिक सिद्धान्तों का तुलनात्मक अध्ययन।
- C04. विद्यार्थियों में आर्थिक सिद्धान्तों की समझ विकसित करना।
- C05. समसामयिक सन्दर्भ में भारतीय आर्थिक सिद्धान्त की प्रासंगिकता को स्पष्ट करना।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO1	PO2	PO3	PO4	PO 5	PO6	PO7	PO8	PO9	PO 10
C01						✓				
C02					✓					
C03										
C04									✓	
C05										✓

UAEC - 02

स्वतंत्रता प्राप्ति के बाद भारत का आर्थिक विकास

- C01. स्वतंत्रता के बाद भारतीय अर्थव्यवस्था का ज्ञान होगा।
- C02. भारतीय अर्थव्यवस्था की संरचना से परिचय होगा।
- C03. विभिन्न आर्थिक मुद्दों की जानकारी प्राप्त होगी।
- C04. स्वतंत्रता के बाद औद्योगिक क्षेत्रों ज्ञान होगा।
- C05. भारतीय अर्थव्यवस्था की महत्वपूर्ण विशेषताओं और प्रासंगिकता का ज्ञान होगा।

UGEC-04

भारत में कृषि विकास

- C01. उपनिवेशवाद और भारतीय कृषि से परिचित कराना।
- C02. भारतीय कृषि विकास की विविधता एवं विभिन्न आयामों को स्पष्ट करना।
- C03. भारत में वृहद् तथा लघु सिंचाई का तुलनात्मक अध्ययन।
- C04. विद्यार्थियों में आर्थिक दृष्टिकोण का विकास करना।
- C05. समसामयिक सन्दर्भ में ग्रामीण विकास की प्रासंगिकता को स्पष्ट करना।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO1	PO2	PO3	PO4	PO 5	PO6	PO7	PO8	PO9	PO 10
C01						✓				
C02					✓					
C03										
C04									✓	
C05										✓

UGEC-06

आर्थिक विकास के प्रारूप : एक तुलनात्मक अध्ययन

- C01. आर्थिक विकास के प्रारूप को समझना।
- C02. आर्थिक विकास के विकासक्रम को स्पष्ट करना।
- C03. विभिन्न देशों के आर्थिक सिद्धांतों की जानकारी प्राप्त करना।
- C04. विकास के समकालीन मुद्दों को स्पष्ट करना।
- C05. समसामयिक परिवेश में आर्थिक विकास की प्रासंगिकता को समझना।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO1	PO2	PO3	PO4	PO 5	PO6	PO7	PO8	PO9	PO 10
C01						✓				
C02					✓					
C03										
C04									✓	
C05										✓

UGSEC-01

सचिवीय कार्य पद्धति

AOCSP

CO1 To make learners aware about the concept of Secretarial Practices

CO2 To make learners enhance their capabilities and skills

CO3 To make learners aware with best practices adopted in the industry

CO4 To develop new skills in the learners needed in the industry.

CO 5 To provide practical knowledge of the subject

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO1	PO2	PO3	PO4	PO 5	PO6	PO7	PO8	PO9	PO 10
C01						✓				
C02					✓					
C03										
C04									✓	
C05										✓

UGSEC-02

Consumer Behaviour & Marketing Research

CO 1 To make learners aware of Consumer Behaviour

CO 2 To make learners enhance their capabilities and skills needed for decision making.

CO 3 To make learners aware with the basic statistical tools and its usefulness in decision making

CO4 To make learners enhance their skills

CO 5 To develop analytical skills of learners.

CO6 To provide practical knowledge of the subject

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO1	PO2	PO3	PO4	PO 5	PO6	PO7	PO8	PO9	PO 10
C01						✓				
C02					✓					
C03										
C04									✓	
C05										✓

UGSEC-03

ग्रामीण विकास नियोजन एवं प्रबन्ध

C01. ग्रामीण विकास नियोजन को समझना।

C02. ग्रामीण विकास कार्यक्रम की जानकारी होगी।

C03. ग्रामीण विकास प्रबंधन की समझ विकसित होगी।

C04. ग्रामीण सामाजिक मुद्दों का ज्ञान होगा।

C05. ग्रामीण विकास नियोजन एवं प्रबन्ध की प्रासंगिकता का पता चलेगा।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO1	PO2	PO3	PO4	PO 5	PO6	PO7	PO8	PO9	PO 10
C01						✓				
C02					✓					
C03										
C04									✓	
C05										✓

संस्कृत विषय में स्नातककार्यक्रम

UGST

Introduction :

प्रस्तावना / परिचय :

स्नातक स्तर पर संस्कृत विषय का अध्ययन कला वर्ग के शिक्षार्थियों के अत्यन्त उपयोगी है। भारतीय संस्कृति को जाने एवं मूल ग्रन्थों के अध्ययन के लिए संस्कृत का ज्ञान आवश्यक है। संस्कृत साहित्य, काव्यशास्त्र एवं व्याकरण के ज्ञान के द्वारा अध्येताओं की भाषा शुद्ध एवं परिष्कृत होती है। वर्तमान में संस्कृत ज्ञान विशेषकर व्याकरण का ज्ञान कम्प्यूटर के लिए अत्यन्त उपयोगी स्वीकार किया गया है। स्नातक स्तर पर संस्कृत विषय के अध्ययन के माध्यम से अध्येता संस्कृत कवियों की रचनाओं जैसे नाटकों, नीति परक दोहे, संस्कृत गद्य, व्याकरण, काव्यशास्त्र विषयक आधारभूत ज्ञान प्राप्त कर सकेगा। इस कार्यक्रम पाठ्यक्रम के अध्ययन से शिक्षार्थी में संस्कृत निबन्ध लिखने तथा अनुवाद करने की क्षमता का विकास हो पाएगा।

Objective

उद्देश्य :

- संस्कृत कवियों के जीवन वृत्त पर प्रकाश डालना।
- संस्कृत नाटकों की कथा-वस्तु, पात्रों के चरित्र-चित्रण, काल, स्थिति, रस योजना, शैली, वैशिष्ट्य, प्रकृति चित्रण आदि पर प्रकाश डालना
- सभी श्लोकों गद्य एवं पद्य भाग का अनुवाद, व्याख्या तथा अन्य विशेषताओं का अध्ययन करना।
- नीतिपरक दोहों के अध्ययन द्वारा सामाजिक ज्ञान प्रदान करना।
- शिक्षार्थियों को छन्द तथा अलंकारों का ज्ञान करना।
- शिक्षार्थियों में व्याकरण के ज्ञान द्वारा संस्कृत अध्ययन की क्षमता को विकास करना।
- वैदिक साहित्य के अध्ययन द्वारा वेदों का महत्व प्रतिपादित करना।

- आत्मतत्व का बोध कराना।
- काव्यशास्त्र के आधारभूत सिद्धान्तों का अध्ययन कराना।

Programme Outcomes (PO)

- PO 1 : साहित्यिक विषयों के अध्ययन से साहित्य सर्जना की विविध विधाओं, काव्यशास्त्रीय प्रतिमानों, साहित्य की विकास-परम्परा एवं कवियों तथा लेखकों के व्यक्तित्व-कर्तृत्व के बारे में जान सकेंगे।
- PO 2 : दार्शनिक विषयों के अध्ययन से भारतीय दर्शन के विभिन्न प्रतिमानों एवं भेद- प्रभेदों के विषय में जानकारी प्राप्त हो सकेगी तथा शिक्षार्थी अन्दर तार्किक क्षमता विकसित हो सकेगी।
- PO 3 : अनुवाद में कौशल प्राप्त कर सकेंगे और भाषा के विविध स्वरूपों एवं उसके भेद प्रभेदों का तथा उसकी शुद्धता एवं अशुद्धता का बोध हो सकेगा।
- PO 4 : शिक्षार्थियों में संप्रेषण एवं व्याख्यात्मक क्षमता विकसित हो सकेगी।
- PO 5 : भारतीय अर्थव्यवस्था एवं आर्थिक सिद्धान्तों की विस्तृत जानकारी प्राप्त कर सकेंगे।
- PO 6 : अद्यतन अन्तर्राष्ट्रीय आर्थिक गतिविधियों तथा लोक वित्त एवं मुद्रा बैंकिंग के सन्दर्भ में जान सकेंगे।
- PO 7 : पर्यावरण संरक्षण, विज्ञान एवं तकनीकी तथा आपदा प्रबन्धन के विविध पहलुओं से सम्बन्धित जानकारी प्राप्त होगी।
- PO 8 : मुक्त एवं दूरस्थ शिक्षा के विभिन्न आयामों का परिचय प्राप्त कर सकेंगे।
- PO 9 : सामाजिक सांस्कृतिक विषयों की समझ विकसित हो सकेगी।
- PO 10 : विषय की उपादेयता को सम-सामाजिक सन्दर्भों से जोड़ने की क्षमता के विकास द्वारा सम्मानजनक रोजगार प्राप्त करने में सक्षम हो सकेंगे।

UGST-01/CSSST-01

Course Outcomes (CO)

- CO 1 : महाकवि कालिदास तथा भर्तृहरि के जीवन-वृत्त एवं उनकी कृतियों के विषय में जान सकेंगे।
- CO 2 : अभिज्ञान शाकुन्तल की कथा वस्तु को तथा कथा के मूलस्रोत को समझ सकेंगे।
- CO 3 : नाटक के लक्षण एवं अभिज्ञान शाकुन्तल के नाटक होने के कारणों को समझ सकेंगे।
- CO 4 : पात्रों की चरित्रगत विशेषताओं को जान पाएँगे।
- CO 5 : अभिज्ञान शाकुन्तल नाटक चतुर्थ अंक पर्यन्त एवं नीतिशतक के तीस श्लोकों का अर्थ व व्याख्या करने में समर्थ हो सकेंगे।

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	✓			✓						✓
CO2	✓		✓	✓						✓
CO3	✓		✓							✓
CO4	✓									✓
CO5	✓		✓							✓

UGST-02/CSSST-02

Course Outcomes (CO)

- CO 1 : नाटक की उपयोगिता, उसके स्वरूप तथा मूल तत्वों को समझ सकेंगे।
CO 2 : संस्कृत नाटकों की उत्पत्ति के विषय में भारतीय एवं पाश्चात्य विद्वानों के मतों को जान पाएँगे।
CO 3 : भवभूति के जीवन-वृत्त, स्थान, काल उनके काव्य-सौन्दर्य आदि के विषय में ज्ञान प्राप्त कर पाएँगे।
CO 4 : नायक नायिकों, रस, भाव, प्रेक्षागृह आदि के विषय में ज्ञान प्राप्त कर सकेंगे।
CO 5 : उत्तररामचरितम् नाटक के तीन अंकों का अनुवाद तथा व्याख्या करने में तथा पात्रों का चरित्र-चित्रण करने में तथा सूक्तियों की व्याख्या करने में सक्षम होंगे।
CO 6 : छन्दों तथा अलंकारों का सामान्य परिचय, लक्षण तथा उदाहरण एवं उनके भेदों के विषय में विस्तार से ज्ञान प्राप्त कर सकेंगे।
CO 7 : काव्यशास्त्र के सम्प्रदायों का सामान्य-परिचय प्राप्त कर सकेंगे।

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	✓		✓	✓						
CO2	✓		✓	✓						
CO3	✓		✓	✓						
CO4	✓									
CO5	✓		✓							
CO6	✓		✓							
CO7	✓									

UGST-03/CSSST-03

Course Outcomes (CO)

- CO 1 : संस्कृत गद्य काव्य के उद्भव-विकास, कथा- आख्यायिका में भेद की भली भांति ज्ञान होगा।
CO 2 : महाकवि बाण भट्ट के जीवन-वृत्त, स्थिति-काल एवं कृतित्व के साथ-साथ बाण का साहित्यिक सौष्ठव, वर्णन-शैली, बाणभट्ट विषयक सूक्तियों का ज्ञान प्राप्त कर सकेंगे।
CO 3 : कादम्बरी-कथामुखम् के अगस्त्याश्रम तक का हिन्दी में अनुवाद कर सकने में सक्षम हो पाएँगे।
CO 4 : व्याकरण में कारक प्रकरण, संज्ञा-संधि, स्त्री प्रत्यय आदि के अध्ययन द्वारा संस्कृत का अध्ययन भली भांति करने में सक्षम हो सकेंगे। भाषा परिष्कृत एवं शुद्ध हो जाएगी।
CO 5 : व्याकरण के अध्ययन द्वारा निबन्ध-लेखन एवं अनुवाद सरलता से कर सकेंगे।

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	✓									
CO2	✓									
CO3	✓		✓							
CO4	✓		✓							
CO5	✓		✓							

UGST-04/CSSST-04

Course Outcomes (CO)

- CO 1 : वेदों के महत्व को तथा वैदिक भाषा की विशेषताओं को भली भाँति जान पाएँगे।
- CO 2: चारों वेदों, वेदों के संहिता, ब्राह्मण, आरण्यक, उपनिषदों, को सामान्य परिचय तथा वेदों के विभाजन, उनकी शाखाओं का तथा वेदांगों का ज्ञान प्राप्त कर सकेंगे।
- CO 3 : सूक्तों के मंत्रों का अनुवाद पद-पाठ, अन्वय, अनुवाद, सम्बन्धित व्याकरण तथा सूक्तों के देवताओं की जानकारी प्राप्त कर सकेंगे।
- CO 4 : कठोपनिषद् के अध्ययन के द्वारा कठोपनिषद् का सामान्य-परिचय, प्रतिपाद्य, सारांश, रस-रूपक, आत्मा का स्वरूप, श्लोकों की व्याख्या, अनुवाद आदि करने में सक्षम हो सकेंगे।

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	✓			✓						
CO2	✓	✓								
CO3	✓			✓						
CO4	✓	✓		✓						

UGST-08/CSSST-08

Course Outcomes (CO)

- CO 1 : काव्यशास्त्र के रसवादी आचार्य विश्वनाथ के सिद्धान्तों की स्थापना एवं अन्य आचार्यों के सिद्धान्तों की आलोचना एवं खण्डन को समझ पाएँगे।
- CO 2: काव्य के लक्षण, प्रयोजन, हेतु, वाक्य, शब्द-अर्थ, शक्तियों, रस , आदि का ज्ञान प्राप्त कर सकेंगे।
- CO 3 : महाकवि भारवि का जीवन-वृत्त, स्थिति-काल, शैली, उनकी प्रशस्ति, अलंकार एवं छन्द निरूपण का ज्ञान प्राप्त कर पाएँगे।

CO1				✓						✓
CO2				✓						✓
CO3				✓						✓
CO4				✓						✓

UGSST-4

Co -1 : मूहूर्त सम्बन्धी सामान्य ज्ञान, मूहूर्त एवं पंचांग, लग्नादि विचार, यात्रा सम्बन्धी शुभाशुभ मूहूर्त एवं लग्नों का ज्ञान प्राप्त कर सकेंगे।

Co -2 : संस्कारों का प्रतिपादन, मूहूर्त एवं लग्न विचार, गृह निर्माण एवं गृह प्रवेश सम्बन्धी मूहूर्त विचार एवं भद्रा विचार आदि ज्ञान प्राप्त कर सकेंगे।

Co -3 : नक्षत्र प्रकरण, शौच-अशौच, विवाह सम्बन्धी काल- निर्धारण, विवाह- योगादि की जानकारी प्राप्त कर सकेंगे।

Co -4: आयुर्वेद प्रकरण, रोगों का ज्योतिषीय निदान, ग्रहों का वनस्पतियों से सम्बन्ध आदि से सम्बन्धित ज्ञान प्राप्त कर सकेंगे।

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1				✓						✓
CO2		✓		✓						
CO3				✓						
CO4				✓						✓

संस्कृत विषय में परास्नातक (MAST)

Introduction :

प्रस्तावना / परिचय :

संस्कृत देवभाषा एवं गीर्वाण भाषा है। परास्नातक स्तर पर संस्कृत विषय का अध्ययन कर शिक्षार्थी न केवल संस्कृत भाषा में विष्णात होता है वरन् असेम नैतिकता एवं संस्कारों की भी वृद्धि होती है। इस भाषा में उपलब्ध मूल ग्रन्थों के अध्ययन की क्षमता का भी विकास होता है। परास्नातक स्तर पर संस्कृत के अध्ययन का लाभ प्रतियोगी परीक्षाओं में मिलता है। संस्कृत के अध्ययन से मानवीय लाभ प्रतियोगी परीक्षाओं में मिलता है। संस्कृत के अध्ययन से मानवीय एवं नैतिक गुणों विकास के साथ ही भाषा शुद्ध एवं परिष्कृत होती है। संस्कृत आजीविका का साधन है।

Objective / Programme Outcomes

उद्देश्य :

- PO 1: संस्कृत के ज्ञान कौशल में वृद्धि करना।
- PO 2: संस्कृत मूल ग्रन्थों के अध्ययन की क्षमता का विकास करना
- PO 3: संस्कृत आचार्यों एवं कवियों के जीवन-वृत्त एवं कर्तृत्व पर प्रकाश डालना।
- PO 4: वैदिक एवं लौकिक संस्कृत साहित्य का ज्ञान कराना।
- PO 5: भाषा शुद्ध एवं परिष्कृत करना।
- PO 6: काव्यशास्त्रीय तत्त्वों, व्याकरण एवं अलंकार का विस्तृत ज्ञान कराना।
- PO 7: भारतीय दर्शन एवं विचारों का ज्ञान कराना।
- PO 8: शोध एवं अनुवाद की अभिरुचि उत्पन्न करना।
- PO 9: पालि-प्राकृत, अपभ्रंश एवं भाषा विज्ञान को सामान्य ज्ञान कराना।

MAST - 01

Course Objective

MAST-01

वैदिक वाङ्मय

- Co 1 : शिक्षार्थी ऋग्वेद तथा अथर्ववेद के सूक्तों का ज्ञान प्राप्त कर सकेंगे।
- Co 2 : निरुक्त, केनोपनिषद् तथा वैदिक वाङ्मय का सामान्य ज्ञान प्राप्त कर सकेंगे।
- Co 3 : संहिताओं एवं ब्राह्मण ग्रन्थों का सामान्य परिचय प्राप्त कर सकेंगे।
- Co 4 : सूक्तों के अध्ययन से देवताओं का परिचय प्राप्त कर सकेंगे।
- Co 5 : वेदों का सामान्य परिचय एवं बौद्धिक व्याकरण आदि की जानकारी प्राप्त कर सकेंगे।

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	✓	✓	✓	✓	✓				
CO2	✓	✓		✓	✓		✓		
CO3	✓			✓			✓		
CO4	✓		✓	✓					

CO5	✓			✓	✓			✓	
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MAST-02

पालि-प्राकृत, अपभ्रंश एवं भाषा विज्ञान

Co 1 : पालि भाषा की उत्पत्ति, विकास एवं विशेषताओं के साथ पालि साहित्य एवं पालि व्याकरण का ज्ञान प्राप्त कर सकेंगे।

Co 2 : प्राकृत साहित्य एवं अपभ्रंश साहित्य का सामान्य परिचय प्राप्त कर सकेंगे।

Co 3 : पालि, प्राकृत एवं अपभ्रंश के प्रमुख साहित्य का अध्ययन करेंगे।

Co 4 : भाषा विज्ञान के अध्ययन से भाषा की उत्पत्ति, विकास, परिभाषा, क्षेत्र एवं ध्वनि विज्ञान के विषय में जानकारी प्राप्त कर सकेंगे।

Co 5 : प्रमुख भारतीय भाषा शास्त्रियों का परिचय प्राप्त करने में समर्थ होंगे।

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	✓								✓
CO2					✓				✓
CO3									✓
CO4	✓							✓	✓
CO5			✓						✓

MAST - 03

व्याकरण तथा अलंकार

Co 1 : अजन्त प्रकरण, हलन्त प्रकरण तथा विङ्न्त प्रकरण का अध्ययन एवं ज्ञान कर सकेंगे।

Co 2 : तद्धित एवं कृदन्त प्रत्ययों के ज्ञान द्वारा शिक्षार्थी को संस्कृत लेखन में निपुण बन सकेंगे।

Co 3 : समासों का तथा उनके भेदों का सामान्य ज्ञान प्राप्त कर सकेंगे।

Co 4 : अलंकारों तथा अलंकार सम्प्रदाय के विषय में ज्ञान प्राप्त कर सकेंगे।

Co 5 : समासों, अलंकारों तथा व्याकरण के अध्ययन द्वारा शुद्ध एवं परिष्कृत भाषा का प्रयोग करने की क्षमता का विकास होगा।

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	✓				✓	✓			
CO2	✓				✓	✓		✓	
CO3	✓				✓	✓			
CO4	✓				✓	✓			
CO5	✓	✓			✓	✓			

MAST-04

काव्यशास्त्र

- Co 1 : काव्यशास्त्र के प्रमुख आचार्यों एवं उनके प्रमुख ग्रन्थों का सामान्य परिचय प्राप्त कर सकेंगे।
Co 2 : काव्यशास्त्र के प्रमुख सम्प्रदायों का सामान्य ज्ञान प्राप्त कर सकेंगे।
Co 3 : काव्यशास्त्रीय तत्त्वों का अध्ययन कर ध्वनिकाव्य, गुणीभूत काव्य तथा चित्रकाव्य विषयक ज्ञान प्राप्त कर सकेंगे।
Co 4 : आचार्य मम्मर प्रणीत काव्यप्रकाश की चतुर्थ उल्लास प्रयन्त व्याख्या एवं आलोचनात्मक प्रश्नों का ज्ञान प्राप्त कर सकेंगे।

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	✓	✓				✓		✓	
CO2						✓		✓	
CO3	✓					✓			
CO4						✓		✓	

MAST - 05

नाट्य एवं नाट्यशास्त्र

- Co 1 : वेणीसंहार एवं रत्नावली नाटिका की कथावस्तु, रस, शैली, पात्रों के चरित्र-चित्रण आदि से परिचित हो सकेंगे।
Co 2 : नाटककारों के जीवन-वृत्त, तथा उनकी शैली का ज्ञान प्राप्त कर सकेंगे।
Co 3 : नाट्यशास्त्रीय तत्त्वों, नायक-नायिका के भेद, संधि, नाटक के प्रकार आदि का ज्ञान प्राप्त कर सकेंगे।

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	✓		✓	✓	✓				
CO2	✓	✓	✓	✓	✓			✓	
CO3	✓		✓	✓	✓	✓		✓	

MAST-06

दर्शन

- Co 1 : दर्शन भारतीय दर्शनों के आधाभूत सिद्धान्तों का प्रमुख ज्ञान प्राप्त कर सकेंगे

Co 2 : भारतीय दार्शनिकों एवं विचारकों के सिद्धान्तों एवं प्रमुख दार्शनिक ग्रन्थों का परिचय प्राप्त कर सकेंगे।

Co 3 : सूत्रों के वाचन, व्याख्या एवं विषय समीक्षा करने में समर्थ होंगे।

Co 4 : भारतीय दर्शन के ज्ञान से संसार के समस्त जागतिक प्रपंच को समझने में समर्थ होंगे।

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	✓		✓				✓	✓	
CO2	✓		✓				✓		
CO3	✓			✓	✓		✓		
CO4	✓						✓	✓	

MAST - 07

नाटक (मृच्छकटिकम्)

Co 1 : महाकवि शूद्रक के जीवनवृत्त एवं मृच्छकटिक नाटक की कथा-वस्तु जान सकेंगे।

Co 2 : शूद्रक की शैली, काल, सम्पूर्ण नाटक, पात्रों के चरित्र-चित्रण का ज्ञान कर सकेंगे।

Co 3 : नाटकों के भेद तथा उनके उद्भव विकास पर प्रकाश डालने में समर्थ हो सकेंगी।

Co 4 : शूद्रक का काल निर्धारण करने से सम्बन्धित विभिन्न मतों को जान पाएँगे।

Co 5 : श्लोकों का अनुवाद, संस्कृत व्याख्या एवं सूक्तियों की व्याख्या करने में समर्थ हो सकेंगे।

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	✓		✓	✓	✓				
CO2			✓	✓			✓		
CO3	✓			✓		✓	✓		
CO4			✓	✓					
CO5	✓		✓		✓			✓	

MAST - 08

काव्य

Co 1 : महाकवि हर्ष, महाकवि बिल्हण तथा कवि अम्बिकादत्त यास के जीवन-वृत्त से भली-भाँति परिचित हो सकेंगी।

Co 2 : काव्यों का सामान्य परिचय प्राप्त कर सकेंगे।

Co 3 : प्रथम सर्ग की व्याख्या एवं अनुवाद करने में समर्थ हो सकेंगे।

Co 4 : संस्कृत गद्यकाव्य की विधा से परिचित हो सकेंगे।

Co 5 : कवियों की भाषा, शैली, रस एवं अन्य विशिष्टियों से परिचित हो पाएँगे।

Co 6 : पौराणिक आख्यानों का भी ज्ञान प्राप्त कर सकेंगे।

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	✓		✓	✓	✓				
CO2			✓	✓	✓				
CO3				✓	✓				
CO4	✓		✓	✓	✓				
CO5	✓		✓	✓		✓			
CO6	✓	✓		✓				✓	

MAST-09

लौकिक संस्कृत साहित्य का इतिहास एवं निबन्ध

Co 1 : रामायण एवं महाभारत का सामान्य परिचय जान सकेंगे।

Co 2 : महाकाव्यों का उद्भव-विकास एवं प्रमुख महाकाव्यों का सामान्य परिचय जान सकेंगे।

Co 3 : प्रमुख नाटककारों का जीवन-वृत्त एवं उनकी कृतियों के विषय में जानकारी प्राप्त कर लेंगे।

Co 4 : गद्यकाव्य एवं चम्पूकाव्य के लक्षणों उनके उद्भव विकास को जान सकेंगे।

Co 5 : कथा साहित्य की विधा का ज्ञान प्राप्त कर सकेंगे।

Co 6 : संस्कृत निबन्ध की बारीकियों को जानकर निबन्ध लिखने में समर्थ हो सकेंगे।

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	✓			✓					
CO2	✓	✓	✓	✓	✓				
CO3	✓	✓	✓	✓	✓				
CO4	✓			✓		✓			
CO5	✓			✓	✓	✓			
CO6	✓	✓				✓		✓	

MAST-10

शोध प्रविधि

Co 1 : शोध प्रविधि के अध्ययन की उपयोगिता एवं विभिन्न पद्धतियों को समझ सकेंगे।

Co 2 : शोध प्रबन्धन के स्वरूप को, उसके लेखन हेतु मुख्य घटकों- अध्यायों आदि के विषय में ज्ञानार्जन कर सकेंगे।

Co 3 : ग्रन्थ के स्वरूप सम्पादन प्रक्रिया को भली-भांति जान पाएँगे।

Co 4 : शोध की अभिरुचि एवं समीक्षात्मक दृष्टि विकसित होगी।

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	✓				✓			✓	
CO2	✓				✓			✓	
CO3	✓				✓			✓	
CO4	✓				✓			✓	

दर्शनशास्त्र (परास्नातक)

MAPH

Introduction : दर्शन को सभी विषयों की जननी कहा जाता है जो कि विद्यार्थी को किसी विषय से सम्बन्धित मूलभूत बातों पर तार्किक दृष्टि से सोचने की क्षमता प्रदान करता है। यह कार्यक्रम दर्शनशास्त्र की मूलभूत अवधारणाओं को समझने का अवसर देता है, साथ ही जिन अवधारणाओं ने आज तक मानव जीवन की प्रभावित एवं परिवर्तित किया है।

Objective :

भारत में समृद्ध गौरवशाली दार्शनिक परंपरा चली आ रही है। इस कार्यक्रम के माध्यम से भारत के साथ ही विश्वस्तर पर हुए दार्शनिक चिंतन की समझ विकसित होगी। दार्शनिक सम्प्रदायों एवं दार्शनिकों से परिचय प्राप्त होगा।

दर्शन से संबंधित मान्यताओं की जानकारी एवं समीक्षात्मक दृष्टिकोण का विकास होगा।

Programmes Outcomes

- PO1. दर्शन से सम्बन्धित विभिन्न अवधारणाओं की समझ विकसित हो जाएगी।
- PO2. भारतीय एवं पाश्चात्य दर्शन के प्रमुख चिंतकों से परिचित होंगे।
- PO3. समकालीन चिंतकों को विचारों एवं प्रभावों की जानकारी हो सकेगी।
- PO4. विभिन्न दार्शनिक सिद्धांतों की प्रासंगिकता का ज्ञान होगा।
- PO5. शिक्षार्थी में समीक्षात्मक दृष्टिकोण का विकास होगा।

भारतीय दर्शन –MAPH-01

- C01. भारतीय चिंतन धारा के मूल स्रोतों जैसे वेदों, उपनिषदों से परिचित कराना।
- C02. भारतीय दर्शन की विविधता एवं विभिन्न आयामों को स्पष्ट करना।

- C03. भारतीय दर्शन के आस्तिक एवं नास्तिक संप्रदायों के सिद्धांतों का तुलनात्मक अध्ययन।
- C04. विद्यार्थियों में समीक्षात्मक दृष्टिकोण का विकास करना।
- C05. समसामयिक सन्दर्भ में भारतीय दर्शन की प्रासंगिकता को स्पष्ट करना।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	✓				
C02		✓			
C03		✓			
C04					✓
C05			✓		✗

पाश्चात्य दर्शन –MAPH-02

- C01. पाश्चात्य दर्शन की मूल अवधारणाओं को समझना।
- C02. प्राचीन ग्रीक चिंतन के विकासक्रम को स्पष्ट करना।
- C03. विभिन्न दार्शनिकों के सिद्धांतों की जानकारी प्राप्त करना।
- C04. आधुनिक दर्शन की विभिन्न चिंतन धाराओं को स्पष्ट करना।
- C05. समसामयिक परिवेश में पाश्चात्य दर्शन की प्रासंगिकता को समझना।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	✓				
C02		✓			
C03		✓			
C04					✓
C05					✗

शंकराचार्य दर्शन –MAPH-03

- C01. प्राचीन भारतीय दार्शनिक संप्रदायों से परिचित कराना।
- C02. अद्वैत वेदांत की परंपरा एवं शंकराचार्य के महत्व से परिचित कराना।
- C03. ब्रह्म सूत्रों के महत्व एवं शंकराचार्य की व्याख्या को समझना।
- C04. अन्य सम्प्रदायों की शंकराचार्य द्वारा की गयी समीक्षा को समझना।
- C05. शंकराचार्य के दर्शन की प्रासंगिकता को स्पष्ट करना।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	✓				
C02		✓			
C03		✓			
C04					✓
C05				✓	x

बौद्ध दर्शन –MAPH-04

- C01. बौद्ध दर्शन के मूलभूत सिद्धांतों से परिचय कराना।
- C02. बौद्ध चिंतन की विभिन्न शाखाओं का ज्ञान कराना।
- C03. हीनयान शाखा के सिद्धांतों से परिचित कराना।
- C04. महायान के दर्शन का ज्ञान कराना।
- C05. समसामयिक परिदृश्य में बौद्ध दर्शन की प्रासंगिकता स्पष्ट करना।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5

C01	✓				
C02		✓			
C03		✓			
C04					✓
C05					✗

समकालीन भारतीय दर्शन –MAPH-05

- C01. समकालीन भारतीय विचारकों से शिक्षार्थी को परिचित कराना।
- C02. प्रमुख विचारकों के दार्शनिक पक्ष को समझना।
- C03. प्राचीन भारतीय दार्शनिक परम्परा से समकालीन विचारकों के अंतर्सम्बन्ध को स्पष्ट करना।
- C04. विचारकों का तत्कालीन चिंतनधारा पर पड़ने वाले प्रभाव का अध्ययन।
- C05. वर्तमान परिप्रेक्ष्य में विचारकों की प्रासंगिकता।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	✓		✓		
C02		✗	✓		
C03		✗	✓		
C04					✓
C05					✗

धर्म दर्शन –MAPH-06

- C01. धर्म की मूल अवधारणा को समझना।
- C02. धर्म के ज्ञानात्मक एवं क्रियात्मक पक्ष से परिचित कराना।
- C03. धर्म की प्रमुख समस्याओं को स्पष्ट करना।
- C04. धर्मों के अन्तर्सम्बन्ध को समझना।

C05. समकालीन परिप्रेक्ष्य में धर्म की प्रासंगिकता को समझना।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	✓				
C02		✓			
C03		✓			
C04					✓
C05				✓	✗

समकालीन पाश्चात्य दर्शन –MAPH-09

C01. समकालीन पाश्चात्य विचारकों से शिक्षार्थी को परिचित कराना।

C02. प्रमुख विचारकों के दार्शनिक पक्ष को समझना।

C03. पाश्चात्य दार्शनिक परम्परा से समकालीन विचारकों के अंतर्सम्बन्ध को स्पष्ट करना।

C04. विचारकों का तत्कालीन चिंतनधारा पर पड़ने वाले प्रभाव का अध्ययन।

C05. वर्तमान परिप्रेक्ष्य में विचारकों की प्रासंगिकता।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01			✓		
C02			✓		
C03			✓		
C04				✓	
C05					✓

प्रतीकात्मक तर्कशास्त्र –MAPH-10

C01. तर्कशास्त्र के विषय क्षेत्र को स्पष्ट करना।

C02. तर्कशास्त्र के विभिन्न सिद्धांतों को समझना।

- C03. तर्कशास्त्र के सम्बन्धात्मक एवं परिणामक व्याख्या का विस्तार से अध्ययन।
- C04. तर्कशास्त्र की मूलभूत अवधारणा की समझ।
- C05. दर्शनशास्त्र में तर्कशास्त्र के महत्व को समझना।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	✓				
C02		✓			
C03		✓			
C04					✓
C05				✓	x

कांट का दर्शन –MAPH-11

- C01. कांट के प्रमुख दार्शनिक चिंतन से परिचय।
- C02. कांट का तत्वमीमांसीय चिंतन।
- C03. कांट का ज्ञान के क्षेत्र में योगदान।
- C04. नीतिशास्त्र पर कांट के विचार।
- C05. कांट का समकालीन दर्शन पर प्रभाव।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	✓				
C02		✓			
C03		✓			
C04					✓
C05				✓	x

गांधी का दर्शन –MAPH-12

- C01. गांधी के जीवन की पृष्ठभूमि की समझ।
- C02. गांधीजी के प्रमुख दार्शनिक चिंतन से परिचय।
- C03. गांधी जी के दर्शन का व्यावहारिक अनुप्रयोग।
- C04. मानवता के विकास में गांधी का योगदान को समझना।
- C05. गांधी की प्रासंगिकता।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	✓				
C02		✓			
C03		✓			
C04					✓
C05				✓	✗

दर्शनशास्त्र (स्नातक)

UGPH/CSSPH

Programme Outcomes

- P01.** साहित्यिक विषयों के अध्ययन से साहित्य सर्जना की विविध विधाओं, काव्यशास्त्रीय प्रतिमानों, साहित्य की विकास-परम्परा एवं कवियों तथा लेखकों के व्यक्तित्व-कर्तृत्व के बारे में जान सकेंगे।
- P02.** दार्शनिक विषयों के अध्ययन से भारतीय दर्शन के विभिन्न प्रतिमानों एवं भेद प्रभेदों के विषय में जानकारी प्राप्त हो सकेगी तथा शिक्षार्थी अन्दर तार्किक क्षमता विकसित हो सकेगी।
- P03.** अनुवाद में कौशल प्राप्त कर सकेंगे और भाषा के विविध स्वरूपों एवं उसके भेद-प्रभेदों का तथा उसकी शुद्धता एवं अशुद्धता का बोध हो सकेगा।
- P04.** शिक्षार्थियों में संप्रेषण एवं व्याख्यात्मक क्षमता विकसित हो सकेगी।
- P05.** भारतीय अर्थव्यवस्था एवं आर्थिक सिद्धांतों की विस्तृत जानकारी प्राप्त कर सकेंगे।
- P06.** अद्यतन अन्तर्राष्ट्रीय आर्थिक गतिविधियों तथा लोक वित्त एवं मुद्रा बैंकिंग के सन्दर्भ में जान सकेंगे।
- P07.** पर्यावरण संरक्षण, विज्ञान एवं तकनीकी तथा आपदा प्रबन्धन के विविध पहलुओं से सम्बन्धित जानकारी प्राप्त होगी।
- P08.** मुक्त एवं दूरस्थ शिक्षा के विभिन्न आयामों का परिचय प्राप्त कर सकेंगे।
- P09.** सामाजिक सांस्कृतिक विषयों की समझ विकसित हो सकेगी।

PO10. विषय की उपादेयता को राग-सामाजिक सन्दर्भों से जोड़ने की क्षमता के विकास द्वारा सम्मानजनक रोजगार प्राप्त करने में सक्षम हो सकेंगे।

UGPH-01- नीतिशास्त्र

- C01. नैतिकता की मूल अवधारणा की जानकारी प्राप्त होगी।
- C02. नीतिशास्त्र के विभिन्न मानदण्डों का ज्ञान होगा।
- C03. नीतिशास्त्र से सम्बन्धित भारतीय एवं पाश्चात्य चिंतकों के विचारों का पता चलेगा।
- C04. विभिन्न प्रकरणों में नैतिक मूल्यों की समझ विकसित होगी।
- C05. नीतिशास्त्र की प्रासंगिकता का ज्ञान होना।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO1	PO2	PO3	PO4	PO 5	PO6	PO7	PO8	PO9	PO 10
C01		✓								
C02				✓						
C03										
C04									✓	
C05										✓

UGPH-02- समाज दर्शन

- C01. समाज से सम्बन्धित विभिन्न दार्शनिक विचारधाराओं का ज्ञान होगा।
- C02. सामाजिक राजनैतिक दर्शन के चिन्तकों से परिचय होगा।
- C03. विभिन्न सामाजिक मुद्दों की जानकारी प्राप्त होगी।
- C04. समाज को प्रभावित एवं परिवर्तित करने वाली चिन्तन धारा का ज्ञान होगा।
- C05. सामाजिक एवं राजनैतिक चिंतन की प्रासंगिकता का ज्ञान होगा।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO1	PO2	PO3	PO4	PO 5	PO6	PO7	PO8	PO9	PO 10
C01		✓								
C02				✓						
C03										
C04									✓	
C05										✓

UGPH-03- धर्म दर्शन

- C01. धर्म की मूल अवधारणा को समझना।
- C02 धर्म के ज्ञानात्मक एवं क्रियात्मक पक्ष से परिचित कराना।
- C03. धर्म की प्रमुख समस्याओं को स्पष्ट करना।
- C04. धर्मों के अन्तर्सम्बन्ध को समझना।
- C05. समकालीन परिप्रेक्ष्य में धर्म की प्रासंगिकता को समझना।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO1	PO2	PO3	PO4	PO 5	PO6	PO7	PO8	PO9	PO 10
C01		✓								
C02				✓						
C03										
C04									✓	
C05										✓

UGPH-05- भारतीय दर्शन

- C01. भारतीय चिंतन धारा के मूल स्रोतों जैसे वेदों, उपनिषदों से परिचित कराना।

UGSPH-01

नैतिकता सत्यनिष्ठा एवं अभिरुचि

- C01. नैतिकता की अवधारणा का ज्ञान होगा।
- C02. नैतिकता से सम्बन्धित भारतीय पाश्चात्य पाश्चात्य चिंतकों के विचारों की जानकारी होगी।
- C03. मानव व्यवहार से जुड़ी अभिरुचि, अभिवृत्ति एवं भावनात्मक दक्षता का ज्ञान होगा।
- C04. प्रशासन में सत्यनिष्ठा के अनुप्रयोग की जानकारी होगी।
- C05. केस स्टडी को समझने में सहायता मिलेगी।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO1	PO2	PO3	PO4	PO 5	PO6	PO7	PO8	PO9	PO 10
C01		✓								
C02				✓						
C03										
C04									✓	
C05										✓

UGSPH-02

- C01. विभिन्न धर्मों के विषय में जानकारी प्राप्त होगी।
- C02. आध्यात्मिकता के सन्दर्भ में समझ विकसित होगी।
- C03. भारत में स्थित आध्यात्मिक पर्यटन केन्द्रों की जानकारी होगी।
- C04. पर्यटन के विभिन्न स्वरूपों में जानाकारी होगी।
- C05. आध्यात्मिक पर्यटन के विकास की संभावना का पता चलेगा।

PGDST

Post Graduate Diploma in Spiritual Tourism

Introduction— भारत एक आध्यात्मिक विरासत वाला देश है और सम्पूर्ण विश्व में पर्यटन में पर्यटन केन्द्र धार्मिक, सांस्कृतिक केन्द्र स्थल ही पर्यटन आकर्षण का विषय माने जाते हैं। इस दृष्टि से यह कार्यक्रम पर्यटन के आध्यात्मिक पक्ष से सम्बन्धित विभिन्न जानकारियों को उपलब्ध कराने के साथ शिक्षार्थी में आध्यात्मिकता की समझ विकसित करता है।

Objective :

भारत में पर्यटन की असीम संभावना है। गौरवशाली सांस्कृतिक इतिहास के साथ दुनिया के प्रमुख आठ धर्मों में से चार धर्मों की उत्पत्ति यहीं हुई है और सभी धर्म यहां पर समृद्धता से विकसित हुए हैं। इसलिए पर्यटन के साथ आध्यात्मिक दृष्टि से पर्यटन को समझना आवश्यक हो जाता है और विशेषज्ञता की मांग भी करता है। इस चुनौती को समाधान स्नातकोत्तर आध्यात्मिक पर्यटन डिप्लोमा कार्यक्रम करता है।

Programme Outlines :

- PO1. विद्यार्थी में आध्यात्मिक विचारों के प्रति समझ विकसित होगी।
- PO2. विभिन्न धर्मों की जानकारी प्राप्त होगी।
- PO3. भारत में स्थित विभिन्न आध्यात्मिक पर्यटक स्थलों से परिचित होगा।
- PO4. पर्यटन के विभिन्न स्वरूपों के बारे में जानकारी होगी।
- PO5. विश्व स्तर पर आध्यात्मिक पर्यटन के विकास की संभावना का पता चलेगा।

PGDST-01

- C01. पर्यटन के स्वरूप एवं अवधारणा से पचित होंगे।
- C02. पर्यटन के विभिन्न प्रकारों का ज्ञान होगा।

- C03. आध्यात्मिकता की समझ विकसित होगी।
- C04. आध्यात्मिक पर्यटन का ज्ञान हो सकेगा।
- C05. आध्यात्मिक पर्यटन की आवश्यकता एवं प्रामाणिकता का ज्ञान होगा।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	x			✓	x
C02				✓	
C03	✓				
C04					✓
C05					✓

PGDST-02

- C01. हिन्दू धर्म से परिचित होंगे।
- C02. हिन्दू धर्म के आध्यात्मिक पक्षों का ज्ञान होगा।
- C03. हिन्दू धर्म के पर्यटन स्थलों की जानकारी होगी।
- C04. विश्व स्तर पर हिन्दू धर्म से सम्बन्धित धार्मिक स्थलों की जानकारी।
- C05. हिन्दू धर्म से सम्बन्धित पर्यटन की भी संभावना का पता चलेगा।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	x	✓	x		x
C02	✓				
C03			✓		
C04				✓	
C05					✓

PGDST-03

- C01. बौद्ध एवं जैन धर्म से परिचित होंगे।
- C02. बौद्ध एवं जैन धर्म के आध्यात्मिक पक्षों का ज्ञान होगा।
- C03. बौद्ध एवं जैन धर्म के पर्यटन स्थलों की जानकारी होगी।
- C04. विश्व स्तर पर बौद्ध एवं जैन धर्म से सम्बन्धित धार्मिक स्थलों की जानकारी।
- C05. बौद्ध एवं जैन धर्म से सम्बन्धित पर्यटन की भी संभावना का पता चलेगा।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01		✓			
C02	✓				
C03			✓		
C04				✓	
C05					✓

PGDST-04

- C01. इस्लाम व सिक्ख धर्म से परिचित होंगे।
- C02. इस्लाम व सिक्ख धर्म के आध्यात्मिक पक्षों का ज्ञान होगा।
- C03. इस्लाम व सिक्ख धर्म के पर्यटन स्थलों की जानकारी होगी।
- C04. विश्व स्तर पर इस्लाम व सिक्ख धर्म से सम्बन्धित धार्मिक स्थलों की जानकारी।
- C05. इस्लाम व सिक्ख धर्म से सम्बन्धित पर्यटन की भी संभावना का पता चलेगा।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01		✓			
C02	✓				
C03			✓		
C04				✓	

C05					✓
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PGDST-05

- C01. पर्यटन के विभिन्न आयामों की जानकारी प्राप्त होगी।
- C02. पर्यटन के व्यावसायिक पक्षों की जानकारी प्राप्त होगी।
- C03. आध्यात्मिक पक्ष को जोड़कर पर्यटन विकास की संभावना का ज्ञान होगा।
- C04. वैश्विक स्तर पर आध्यात्मिक पर्यटन के पक्षों का पता चलेगा।
- C05. उत्तर प्रदेश के विशेष सन्दर्भ में आध्यात्मिक पर्यटन के विकास की संभावना का पता चलेगा।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO 5
C01	✘			✓	
C02				✓	✓
C03					✓
C04					✓
C05					

Program Outcomes (PO)

Programme: M.A. Urdu

Introduction

The Master of Arts in Urdu is the annual based program on Choice based Credit System(C B CS).It provides students to learn and analyses literature and on literary topics at advance level. Students complete a rigorous program of courses that skill them in Urdu in understanding, reading and writing at high level. This course arranges theoretical, literary and historical frameworks for understanding literature. Before students earn a Master degree in Urdu they would have pass a two-part comprehensive exam. They have an option to write a thesis. Students have the option to engage in graduate study in rhetoric and to train as college –level writing teachers. The program also offers students pathways to prepare for doctoral work.

Objective

This program is much beneficial for learners who have a strong interest and background in literature and languages. The course is also beneficial for learner’s who wish to pursue multi and inter-disciplinary literary careers in future. Following are the various program outcomes:

Program Outcomes

PO1:	The knowledge of Urdu as a world language and be able to accurately and precisely communicate both in speaking and writing in a variety of context and genres.
PO2:	They become familiar with conventions of diverse textual genres including fiction, non-fiction, poetry, plays, autobiography, biography, journal etc.
PO3:	After the completion of this program learner will demonstrate critical and analytical skills in the interpretation and evolution of literary texts.
PO4:	This program competent learners to push to have a command of written academic and high register Urdu including the abilities to like; organize and present material in cogent fashion, formulate and defend original arguments employ effectively of their discipline to write under time constraints.
PO5:	This program provides the learner to get knowledge of world’s tremendous language.
PO6:	The program aims to provide learners to understand and improve the Communication Skills. It is related to improve the learner’s proficiency in Urdu by developing their skills in reading, writing, listening and speaking.
PO7:	The program provides to learner to understand the socio political and historical environment of Indian Literature.
PO8:	Learner’s can also find employment in government sectors as well as in private sectors such as teacher, language-instructor and translator etc.
PO9:	They can apply critical frameworks to analyze the linguistic cultural and historical background of texts writing in Urdu.

PO10:	A broad foundation of knowledge and skills and cultivate a commitment to long-life, learning. We pursue to other relevant academic and professional fields at personal interest.
PO11:	A potential to be articulate, conscientious leaders and problem solver who are committed to contributing to their field and society and be prepared to think critically and creatively and conceive real word problems from different perspectives.

Course Outcome-

MAUR-01 (Urdu Ghazal)

CO1	Studying the paper Urdu Ghazal Students will be able to know the basics of Genre Urdu Ghazal, its Definition, elements and artistic specialties.
CO2	Students will be able to know the history and form of Urdu Ghazal
CO3	Studying this part Students will be above to know more than twenty classics and modern Ghazal poetess and their well know composition.
CO4	By this students well get know the peculiarities amongst these poets.

Mapping of CO to PO

Program Specific Outcomes (PO):	Course outcomes (CO)					
	CO1	CO2	CO3	CO4	CO5	CO6
PO1						
PO2		x				
PO3	x					
PO4			x			
PO5						
PO6						
PO7						
PO8	x					
PO9	x	x	x	x		
PO10	x	x	x	x		
PO11						

Course Outcomes

MAUR-02 (Urdu Zaban-O-Adab ki Tareekh)

CO1	Studying these part students will get know the history of Urdu language and its development with Indo-Aryan languages.
CO2	Through this part of paper students will be able to understand Urdu language, its dialects and specialties
CO3	This paper will make the students above to know the history of different poetics school and its

	contribution.
CO4	Cultivate appreciation of language as an artistic medium and understand the importance of forms, elements and style that shape literary works.
CO5	The students will get the history of Urdu prose after historical event of 1857

Mapping of CO to PSO

Program Specific Outcomes (PO):	Course outcomes (CO)					
	CO1	CO2	CO3	CO4	CO5	CO6
PO1						
PO2						
PO3						
PO4			x			
PO5		x				
PO6						
PO7						
PO8					x	
PO9	x	x	x	x	x	
PO10						
PO11						

Course Outcomes

MAUR-03 (Jadeed Urdu Nazm)

CO1	In this segment students will know the development of Urdu Nazm and their famous poems.
CO2	Students able to know the different noted Urdu nazm poets and their famous poems.
CO3	Students will able of know the origin and development of Marxist poems.
CO4	Studying this part student will know about Marxist poets and their noted famous poems.
CO5	Halqa-e-arbab-e-zauq is another important school of Urdu. Student will able to know its origin, cause of origin development and its noted poets and their famous poems.

Mapping of CO to PSO

Program Specific Outcomes (PO):	Course outcomes (CO)					
	CO1	CO2	CO3	CO4	CO5	CO6
PO1	x					
PO2						
PO3			x	x		
PO4						
PO5						

	PO6	x					
	PO7		x		x		
	PO8				x		
	PO9	x	x	x			
	PO10						
	PO11						

Course Outcomes

MAUR-04 (Dastan, Novel, Afsana and Drama)

CO1	Students will understand the genre 'Dastan' (Myth), its origin development and its historical and cultural importance and cause of booming and falling.
CO2	Students know about the famous Dastan with its interesting reason of creation.
CO3	In this segment students understand the definition of drama, its elements as origin and development
CO4	Students will know the Important drama writer and their famous writings
CO5	Studying this segment students understand definition of novel its elements and artistic specialties with origin and development of Urdu novel.
CO6	Students read the top Urdu novelist and their famous novels.
CO 7	In this segment students able to understand about Urdu afsana (short story), Origin and development.
CO 8	In this part student s read about Urdu short story writers and their stories.

Mapping of CO to PO

Program Specific Outcomes (PO):	Course outcomes (CO)					
	CO1	CO2	CO3	CO4	CO5	CO6
PO1						
PO2	x					
PO3		x				
PO4						
PO5						
PO6						
PO7						
PO8						
PO9	x	x				
PO10	x					
PO11	x					

Course Outcomes

MAUR-05 (Ghair Afsanvi Adab)

CO1	This portion makes students complete in non-fiction Urdu literature.
CO2	Inshaiya (light mood essay) , khaka nigari (sketch) and tazkara will enrich to students in Urdu literature.
CO3	Studying the mentioned genre of non-fiction Urdu students will also know about noted writers of these genres.
CO4	Biography, autobiography and letter writing make students enrich in Urdu and improve wit and writing skill.
CO5	Including above mentioned tanz-o-mazah (satire) makes students to know the history of this genre with its origin and development.

Mapping of CO to PO

Program Specific Outcomes (PO):	Course outcomes (CO)					
	CO1	CO2	CO3	CO4	CO5	CO6
PO1						
PO2						
PO3						
PO4	x	x	x	x		
PO5		x				
PO6						
PO7						
PO8						
PO9	x	x	x	x		
PO10						
PO11				x		

Course Outcomes

MAEN-06 (Qaseeda, Marsiyah, Masnavi aur Rubaiyat)

CO1	Qaseeda plays an important role to improve poetic skill of Urdu poetry. Studying this segment students understand the history of this important genre and well known composers and their famous compositions.
CO2	Identify and discuss classical Marsiya (elegy) and purpose and importance of this kind of literature.
CO3	Marsiya enriches the diction of Urdu language and literature. In this part students able to know about this genre and its important composers and their famous compositions..
CO4	In this paper students also learn the origin and development of Urdu Masnavi in different region of the country.
CO5	This part defines the famous Masnavi writers and their well known writings.

CO6	Rubai helps to students to understand the significance of this genre, its origin and development.
Mapping of CO to PO	
Program Specific Outcome s (PO):	Course outcomes (CO)
	CO1 CO2 CO3 CO4 CO5 CO6
	PO1
	PO2 x
	PO3
	PO4
	PO5
	PO6
	PO7
	PO8
	PO9 x x x x x
	PO10
PO11	

Course Outcomes

MAUR-07 (Tanqeed-o-Tahqeeq)

CO1	Tanqeed (criticism) part helps students to evolve the curiosity in them with critical approach.
CO2	Understand the growth of Urdu criticism.
CO3	Understand the role of criticism and research method and values.
CO4	Students know the impact of English criticism on Urdu.
CO5	Understand the different parts and elements of criticism and research.
CO6	paper concludes by information o famous critics and their impact of thoughts on Urdu literature.

Mapping of CO to PO

Program Specific Outcome s (PO):	Course outcomes (CO)
	CO1 CO2 CO3 CO4 CO5 CO6
	PO1
	PO2
	PO3
	PO4
	PO5 x x x
	PO6
	PO7 x
	PO8 x
	PO9 x x x
PO10	

	PO11						
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Course Outcomes

MAUR-08 (Tarjuma nigari aur Ablaghiyat)

CO1	Display a working knowledge of translation and media.
CO2	Identify and describe distinct features of Mass communication, its origin and development in Urdu.
CO3	Students learn about electronic media and print media and its impact of society.
CO4	Describe the different broadcasting of radio, television and tele-education.

Mapping of CO to PO

Program Specific Outcomes (PO):	Course outcomes (CO)					
	CO1	CO2	CO3	CO4	CO5	CO6
PO1						
PO2		x				
PO3			x			
PO4			x			
PO5						
PO6						
PO7						
PO8				x		
PO9	x	x	x	x		
PO10						
PO11						

Course Outcomes

MAUR-09 (Special Studies (Allama Iqbal or Sir Sayed Ahmed Khan))

CO1	Sir Sayed Ahmad Khan and Sir Mohammad are the two influential figures of history and literary personalities too.
CO2	Students understand historical, cultural and literary background and philosophical views of both.
CO3	Students read the two important poetic collection of Iqbal as well as prose writings too.
CO4	Study the different shades of Sir Sayed Ahmad Khan's life his age and important facts of his era.
CO5	Understand the Khan's contribution to Urdu literature and the country too.

Mapping of CO to PO

Program Specific Outcome s (PO):	Course outcomes (CO)					
	CO1	CO2	CO3	CO4	CO5	CO6
PO1					x	
PO2		x				
PO3						
PO4						
PO5						
PO6						
PO7					x	
PO8			x			
PO9	x	x				
PO10						
PO11						
PO12	x			x		

Course Outcomes

MAUR-10 (Prem Chand)

CO1	Among the greatest Prem Chand is a great prose writer in Urdu.
CO2	Enabled to rise of Indian English literature and the nature of this literature during it formative years.
CO3	Study the different shades of Prem Chand his age and important facts of his era.
CO4	Understand the Prem Chand's contribution to Urdu literature and the country too.
CO5	Study the important short stories of Prem Chand and its impacts in society.
CO6	Study the important novels of Prem Chand .

Mapping of CO to PO

Program Specific Outcome s (PO):	Course outcomes (CO)					
	CO1	CO2	CO3	CO4	CO5	CO6
PO1						
PO2						
PO3						
PO4						
PO5						
PO6						
PO7						

	PO8	x					
	PO9	x	x	x			
	PO10						
	PO11		x				

Program: B.A. Urdu UGUR

Introduction:

To popularize Urdu Language and its script across the country, the UPRTOU has launched ‘One Year Diploma Course in the Urdu Language.’ This course has received an overwhelming response throughout the country.

Objectives:

The objective of this Programme is to enable/ acquire understanding of the Urdu language and Literature beyond Certificate level. It’s also cover the knowledge of the art of creative writing and history of Urdu language, literature and criticism. The Programme comprises five papers: all are compulsory. Its’ objectives are also to provide historical background of Urdu language and literature and comprehension capability of Urdu prose and poetry.

UGUR-01/CSSUR-01 (Urdu Poetry 1st)

Program Outcomes:

PO1	Students have good interest in Urdu language and literature are suitable for this course
PO2	Diploma in Urdu will improve learner’s knowledge of Urdu.
PO3	Course covers areas regarding Urdu literature: prose, poetry, history of Urdu language literature and criticism etc.
PO4	They can apply critical frameworks to analyze the linguistic, cultural and historical background of texts written in Urdu.
PO5	Course enables students to go various Urdu language related jobs.
PO6	Learners will be able to become clergyman in army mosque.
PO7	Applicants who wish to join Urdu media it is helpful for them.
PO8	One who aiming of becoming teacher in higher education, PGT, TGT, degree college and university levels the course provides him a good platform.

Course Outcomes:

CO1	Students will improve their Urdu knowledge
CO2	Students will be able to know the definition, origin, development and peculiarities of

	nazm.
CO3	Student will understand different forms of Urdu nazm like aazad nazm, paband nazm, nasri nazm etc.
CO4	Able to specify the social and cultural background of Urdu nazm and its relevance of modern age.
CO5	History and impact the different movements and periods of Urdu nazm.
CO6	This segment will make student able to analyze the poets by their noted poems.

Mapping of CO to PO

Program Outcome s (PO):	Course outcomes (CO)					
	CO1	CO2	CO3	CO4	CO5	CO6
PO1						
PO2		✓				
PO3			✓			
PO4		✓		✓	✓	
PO5				✓		
PO6						
PO7						
PO8	✓					

Course Outcomes:

UGUR-02/CSSUR-02 (Urdu Prose 1st fiction)

CO1	Students have been offered to study four important genres of Urdu fiction which make able students to understand ‘Dastan’ (fable, myth) with its origin, development and specialties.
CO2	Describing the knowledge of Urdu ‘novel’ students will be competent to understand the basics of novel, famous novelist and their well-known novels.
CO3	Studying about ‘afsana’ students will be able to understand the importance of short stories its origin and development.
CO4	Part of drama will enrich the students about Urdu ‘drama.’ In this part will be able understand the basic elements of Urdu drama.
CO5	Besides this they will know by to play drama and the essential things for drama.

Mapping of CO to PO:

Program Outcomes (PO):	CO1	CO2	CO3	CO4	CO5
PO1	✓				

	PO2	✓	✓	✓	✓	
	PO3					
	PO4	✓				
	PO5	✓				
	PO6					
	PO7					
	PO8				✓	

Course Outcomes:

UGUR-03/CSSUR-03 (Urdu Ghazal)

CO1	Studying the most popular poetic genre Urdu ghazal students will be able to know the origin of Urdu ghazal, its origin and development in Duccan (south) and Shumali Hind (Eastern India).
CO2	In this part they will know about famous ghazal poets and their popular ghazals which develop the critical sense in them.
CO3	Understanding the ghazals its definition and specialties provoke students to write ghazals that should a career option for them.

Mapping of CO to PO:	Program Outcomes (PO):	CO1	CO2	CO3
	PO1	✓		
	PO2	✓	✓	
	PO3	✓	✓	
	PO4			
	PO5			
	PO6			
	PO7			
	PO8		✓	✓

Course Outcomes:

UGUR-05/CSSUR-05 (Urdu Prose 2nd Non Fiction)

CO1	Students will be able to make difference between prose and poetry, fiction and non-fiction writing. They will able to understand its definition, specialties and origin and development too.
CO2	Essay segment will create curiosity in students that they could know the art of essay writing.
CO3	Here they will study about noted essay writers and their famous essays.
CO4	Students will be aware of 'Inshaiya' and ' Mazah (satire), its noted writers and their famous satirical essays.

CO5	Discussing about 'Khaka' (sketch), biography and autobiography they will be able to understand the definition and its literary importance.
CO6	Through letter writing students will face a untold history. This part also skilled students in writings.

Mapping of CO to PO:

Program Outcome s (PO):	Course outcomes (CO)					
	CO1	CO2	CO3	CO4	CO5	CO6
PO1	✓	✓	✓			
PO2		✓				
PO3		✓		✓		✓
PO4						
PO5						
PO6						
PO7						
PO8			✓	✓	✓	

Course Outcomes:

UGUR-06/CSSUR-06 (History of Urdu Language, Lit. and Criticism)

CO1	Students will be able to describe language, its importance, difference of language and dialects and historic periods of Urdu language.
CO2	Development of Urdu and its relation with Hindi
CO3	Able to understand the contribution of different schools and movements in the development of Urdu language.
CO4	History of literature and criticism enrich them to understand the geographical boundaries of language.
CO5	History of criticism will be able to make them a sense of comparison among literatures.
CO6	Studying noted critics and their views will also help them different elements of language, literature and criticism.

Mapping of CO to PO:

Program Outcome s (PO):	Course outcomes (CO)					
	CO1	CO2	CO3	CO4	CO5	CO6
PO1	✓	✓				
PO2		✓				
PO3		✓		✓		✓
PO4						
PO5						

PO6		✓				
PO7						
PO8		✓	✓	✓		

Skilled Based Open Elective Course

Course Outcomes:

UGSUR-01 (Mass Media in Urdu)

CO1	Studying the course students will be able to gain deep knowledge of the fourth pillar of Indian democracy, its origin and development.
CO2	They will be able to understand the positive and negative impacts of media.
CO3	Doing this course they will be a better citizen of the country and will be able to know their responsibilities towards the country.
CO4	History of literature and criticism will enrich them to understand the geographical boundaries of language.
CO5	The course would be a good option for their livelihood.

Mapping of CO to PO:

Program Outcomes (PO):	CO1	CO2	CO3	CO4	CO5
PO1	✓				
PO2	✓				
PO3	✓		✓	✓	✓
PO4		✓			
PO5			✓		
PO6				✓	
PO7					✓
PO8	✓	✓			

Course Outcomes:

UGSUR-02 (study of Film and Stage Drama)

CO1	Students will be able to know the history of Indian films and its gradual development.
CO2	They will learn script writing too that will help much in making a place in the film industry.
CO3	This part will cover drama, its origin and development too.
CO4	Studying the course they will be able to understand the basics of drama and the cause of its fall.
CO5	The course would be a good option for their livelihood.

Mapping of CO to PO:

Program Outcomes (PO):	CO1	CO2	CO3	CO4	CO5
PO1	✓	✓	✓		
PO2		✓			
PO3		✓	✓	✓	
PO4				✓	
PO5			✓		
PO6					
PO7					
PO8		✓	✓	✓	

Course Outcomes:

UGSUR-03 (Translation Theory and Urdu Translation)

CO1	Courses will skilled students in vice-versa translation (Hindi to Urdu, Urdu to Hindi and English to Urdu and Urdu to English).
CO2	They will be skilled in freelance translation too.
CO3	This course would be a better option in translation field.

Mapping of CO to PO

Program Outcomes (PO):	CO1	CO2	CO3
PO1	✓	✓	
PO2			
PO3	✓	✓	✓
PO4		✓	
PO5			
PO6	✓		
PO7		✓	
PO8	✓	✓	

पत्रकारिता में स्नातकोत्तर (Master of journalism) (MJ)

(Master of Journalism)

Introduction:

The course provides an opportunity for understanding of use of Media. The course presents depth Knowledge of theoretical concepts as well as its practical concepts. The learner will be able to understand the basic Knowledge related to media.

Media is the center part of human communication.

The academic study of Communication is very important for learner

Journalism and Mass Communication includes academic curriculum in many forms of media.

Whether it is print or electronic or web media it acts as a bridge between society and government. For the purpose of information, education, entertainment, media fulfils the needs of information, information and entertainment related to news and various types of events in the society.

Also, there are lot of possibilities of employment in journalism and mass communication.

Many government non-government institutions, media houses, advertising agencies, channels, newspaper offices and radio, television and public relations departments are few areas where employment opportunities exist for learner of journalism and mass communication.

Possibilities have also been created in the field of research and teaching through two-year postgraduate academic curriculum of Journalism and Mass Communication.

learners have to possibility of research area and teaching in the field of journalism and mass communication

Objectives of The of MJ : After completing the course learners will be able to:

- To provide basic knowledge of media
- To improve existing skills and learn new skills in media.
- Acquire confidence in using computer techniques available to users;
- Recognize the basic components of Print media
- Recognize the basic components of Electronic media
- Recognize the basic components of web media
- to understand the concept of society and media relationship
- Understand about news, information and media management;
- Understand computer networks, Internet;
- Internet browsing , content search, email and collaborate with peers;
- Understand about International and Global Communication and media
- To provide advance knowledge of media research and media academics

Programme Outcomes (PO)

- PO1:** Imparting a basic level communication theory for the learner.
PO2: know about basic concept of journalism and famous journalist
PO3: understand relationship between society and media
PO4: Preparing his News, article, presentations, etc.
PO5: Understand information on camera, mice, Recording and photography
PO6: Understand about public relation
PO7 : Work in print media
PO 8: Work in electronic media
PO 9: Work in Government sector
PO11 : Understand Development and development communication
PO12 : International and Global Communication and media

MJ-01 Mass Communication and Journalism: Nature and Principles
Course Outcomes (CO)

CO:1 Acquire knowledge and skills about communication process and its various forms

CO:2 Learner understand various theories and models of communication

CO:3 Learner will enhance communication skills

CO:4 Learner will enhance Writing skills

CO:5 The learner will learn the process, elements, And different levels of communication

• **Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)												
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10	PO:11	PO:12	
CO1	✓												
CO2	✓	✓											
CO3	✓						✓	✓					✓
CO4							✓	✓					✓
CO5	✓												

-02 Media and Society

CO:1 Understand and acknowledge about Social structure of India

CO:2 Understand about various theories and of Society

CO:3 Learner enhance learner' communication skills for the social development

CO:4 Learner empower the knowledge of contemporary issues in media.

CO:5 Learner will get knowledge about various media laws and ethical aspects of Media profession and society

CO:6 Learner will be able to analyze the Current issues.

• **Mapping of CO to PO**

Course Outcomes		Programme Outcome (PO)											
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10	PO:11	PO:12
CO1				✓									
CO2				✓									
CO3	✓											✓	
CO4		✓			✓			✓	✓			✓	✓
CO5				✓	✓			✓	✓	✓			
CO6				✓	✓			✓	✓			✓	✓

MJ-03 Reporting, Writing and Editing

CO: 1 Learner will get information about various forms of print media.

CO: 2 Learner will get information about various technologies widely in use in print journalism.

CO: 3 Learner will enhance journalistic skills

CO: 4 Learner will get information about various contemporary issues of media.

CO: 5 Learner will impart reporting and editing skills

CO: 6 Learner will learn information about ethical values (personal & organizational) required for a journalist.

• **Mapping of CO to PO**

Course Outcomes		Programme Outcome (PO)											
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10	PO:11	PO:12
CO1			✓		✓			✓					
CO2			✓		✓								
CO3			✓					✓	✓				
CO4			✓		✓			✓	✓			✓	✓

CO5		✓		✓			✓	✓				
CO6							✓	✓				

•

MJ-04 Public Relation and Advertising-I

CO: 1 Learner will be able to empower the knowledge of contemporary issues of media.

CO: 2 Learner will be able to analyze the issues planning and public relations.

CO: 3 Learner will be able to encourage participating in group discussions and extempore.

CO: 4 Learner will be able to understand about fundamental knowledge of advertising

CO: 5 Learner will be able to understand about campaign planning process

CO: 6 Learner will be able to understand about structure of an advertising agencies

• Mapping of CO to PO

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Course Outcomes	Programme Outcome (PO)												
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10	PO:11	PO:12	
CO1													✓
CO2				✓		✓							
CO3							✓	✓		✓	✓		
CO4													
CO5							✓		✓				
CO6							✓	✓					✓

MJ-05 Film Production

CO: 1 Learner will be able to understand about the fundamentals of Films journalism

CO: 2 Learner will able to produce TV and radio news packages

CO: 3 Learner will able to produce a short film and Films production methods and procedures

CO: 4 Learner will be able to produce radio programmes.

CO: 5 Learner will be able to understand TV/video production methods and procedures.

Course	Programme Outcome (PO)
--------	------------------------

Outcomes		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10	PO:11	PO:12
CO1			✓						✓				
CO2						✓			✓				
CO3						✓			✓				
CO4									✓				
CO5						✓			✓				

MJ-06 Global Communication: Concepts and Dimensions

CO: 1 Learner will be able to understanding the fundamentals of Global Communication

CO: 2 Learner will be able to produce TV and radio news packages on Global Communication

CO: 3 Learner will be able to knowledge about various media laws and ethical aspects of global communication

CO: 4 Learner will be able to produce radio programmes on Global Communication

CO: 5 Learner will be able to participate in group discussions and extempore.

• Mapping of CO to PO

Course Outcomes		Programme Outcome (PO)											
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10	PO:11	PO:12
CO1								✓	✓			✓	✓
CO2								✓	✓			✓	✓
CO3									✓				✓
CO4								✓	✓			✓	✓
CO5								✓	✓			✓	✓

MJ-07 Media Research

CO: 1 Learner will be able to understand the fundamentals of media research

CO: 2 Learner will be able to understand of various research techniques and methods

CO: 3 Learner will be able to knowledge about various topics media topics laws and ethical aspects of media research

CO: 4 Learner will be able to make prepare research design

CO: 5 Learner will be able to formulate research topic

- **Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)												
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10	PO:11	PO:12	
CO1							✓	✓		✓	✓		
CO2							✓	✓		✓	✓		
CO3								✓			✓		
CO4							✓	✓		✓	✓		
CO5							✓	✓		✓	✓		
CO6							✓	✓		✓	✓		

MJ-08 Hindi Journalism

CO: 1 Learner will get understand the fundamentals of Hindi Journalism

CO: 2 Student will enhance knowledge about various newspaper and magazine

CO: 3 Learner will enhance making knowledge about various topics of print media

CO: 4 Learner will be able to make prepare news

CO: 5 Learner will study the role of Hindi journalism in society

- **Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)												
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10	PO:11	PO:12	
CO1		✓	✓				✓	✓					
CO2		✓	✓				✓	✓					
CO3			✓					✓					
CO4		✓	✓				✓	✓					

CO5		✓	✓				✓	✓				
CO6		✓	✓				✓	✓				

MJ-09 Development Communication

CO: 1 Learner will be able understand the concept of Development Communication.

CO: 2 Learner will be able to produce TV and radio news packages on Development Communication

CO: 3 Learner will be understand the process, functions and techniques of developmental journalism

CO: 4Learner will be able to produce news on development Communication

CO: 5 Learner will be able to participate in group discussions and extempore on the issue of development

- **Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)											
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10	PO:11	PO:12
CO1	✓						✓	✓			✓	
CO2	✓						✓	✓			✓	
CO3												
CO4	✓						✓	✓			✓	
CO5	✓						✓	✓			✓	
CO6	✓						✓	✓			✓	

MJ-10 Public Relation & Advertising – II

CO: 1 learners will be able to know about advance knowledge of public relations and corporate communication

CO: 2 learner analyze the Advance knowledge of advertising

CO: 3 to encourage learner to participate in group discussions and extempore.

CO: 4 learner will be analyze the Advance knowledge structure of any advertising agency

CO: 5 produce PR/corporate communication campaign

CO: 6 learners will able to produce an advertising campaign

- **Mapping of CO to PO**

Course Outcomes		Programme Outcome (PO)											
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10	PO:11	PO:12
CO1							✓	✓	✓	✓	✓		
CO2							✓	✓	✓	✓			
CO3							✓			✓			
CO4							✓			✓			
CO5							✓			✓			
CO6							✓			✓			

MJ-011 Film & Electronic Media

CO: 1 student able to know about understand the fundamentals of TV and radio journalism

CO: 2 learners will able to produce TV and radio news packages

CO: 3 learners will able to participate in group discussions and extempore.

CO: 4 learner will analyze the about various aspects of online journalism

CO: 5 Learner will be able to understand of TV news, news gathering and packaging

CO: 6 Learner will be able to produce radio programmes.

- **Mapping of CO to PO**

Course Outcomes		Programme Outcome (PO)											
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10	PO:11	PO:12
CO1				✓	✓				✓				
CO2				✓	✓				✓				
CO3				✓	✓				✓				✓
CO4				✓	✓				✓				
CO5				✓	✓				✓				
CO6				✓	✓				✓				

MJ-13 Digital Photography

CO: 1 Learner will be able to handle camera and its operations.

CO: 2 Learner will be able to know the basic uses of photography in media

CO: 3 Learner will be able to understand the process, functions and techniques of photo journalism

CO: 4 Learner will be understand learn about Desktop publishing software

CO: 5 Useing Camera to improve existing skills and learn new skills.

Co: 6 Learner will be able to develop photography skills

- **Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)											
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10	PO:11	PO:12
CO1		✓	✓	✓	✓			✓				
CO2		✓	✓	✓	✓			✓				
CO3		✓	✓	✓	✓			✓				
CO4			✓	✓	✓			✓				
CO5			✓	✓	✓			✓				
CO6			✓	✓	✓			✓				

One Year Post Graduate Diploma in Journalism and Mass Communication

Objectives of theof PGDJMC : After completing the course the learners will be able to:

- To improve existing skills and learn new skills in media.
- Acquire confidence in using computer
- Recognize the basic components of Print media
- Recognize the basic components of Electronic media
- Recognize the basic components of practical Field of Journalism
- to understand the concept of society and media relationship
- Understand about news, information and media management;
- To provide basic knowledge of media

Programme Outcomes (PO)

PO1: Imparting a basic level communication theory for the learner.

PO2: The learner should be able to know about basic concept of journalism and famous journalist

PO3: The learner should be able to understand relationship between society and media

PO4: The learner should be able to preparing News, article, presentations, etc.

PO5: The learner should be able to understand about public relation

PO6 : The learner should be able to Work in practical field of media

PO 7: The learner should be able to Work in Office and public relation field

PO 8: The learner should be able to Work in Social media sector

PO 9 : The learner should be able to understand communication

PO10 : The learner should be able to Advertising Agency

PGDJMC-01 Mass Communication and Journalism: Nature and Principles Course Outcomes (CO)

CO:1 Acquire knowledge and skills about communication process and its different forms

CO:2 Learner understand various theories and models of communication

CO:3 Learner will enhance their communication skills

CO:4 Learner will enhance their Writing skills

CO:5 Learner will learn the process, elements, and levels of communication

• Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1	✓	✓					✓	✓	✓	
	✓	✓					✓	✓	✓	
CO2	✓						✓	✓	✓	
CO3	✓						✓	✓	✓	
CO4	✓						✓	✓	✓	
CO5	✓						✓	✓	✓	

PGDJMC-02 -02 Media and Society

CO:1 Understand and acknowledge about Social structure of India

CO:2 Understand about various theories and of Society

CO:3 Learner enhance learner' communication skills for the social development

CO:4 Learner empower the knowledge of contemporary issues in media.

CO:5 Learner will get knowledge about various media laws and ethical aspects of Media profession and society

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1		✓				✓	✓	✓		
		✓				✓	✓	✓		
CO2		✓				✓	✓	✓		
CO3		✓				✓	✓	✓		
CO4		✓				✓	✓	✓		
CO5		✓				✓	✓	✓		

PGDJMC-03 Reporting, Writing and Editing

CO: 1 Learner will get information about various forms of print media.

CO: 2 Learner will get information about various technologies widely in use in print journalism.

CO: 3 Learner will enhance journalistic skills

CO: 4 Learner will get information about various contemporary issues related to media.

CO: 5 Learner will impart reporting and editing skills

• Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1						✓				

		✓				✓		✓		
C02						✓				✓
C03						✓				
C04						✓				
C05			✓			✓				

PGDJMC-04 Public Relation and Advertising-I

CO: 1 Learner will be empowering the knowledge of contemporary issues in media.

CO: 2 Learner will be analyzing the issues planning and public relations.

CO: 3 Learner will be encouraging to participate in group discussions and extempore.

CO: 4 Learner will be able to understand about fundamental knowledge of advertisement

CO: 5 Learner will be able to understand about campaign planning process

- **Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
C01					✓	✓		✓		✓
					✓	✓		✓		✓
C02					✓	✓		✓		
C03					✓	✓		✓		✓
C04					✓	✓		✓		✓
C05					✓	✓		✓		✓

PGDJMC-05 Film Production

CO: 1 Learner understand about the fundamentals of Films journalism

CO: 2 Learner will able to produce TV and radio news packages

CO: 3 Learner will able to produce a short film and to know about Films production methods and procedures

CO: 4 Learner will be able to produce radio programmes.

CO: 5 Learner will able to understand TV/video production methods and procedures.

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1				✓		✓			✓	
				✓		✓			✓	
CO2				✓		✓			✓	
CO3				✓		✓			✓	
CO4				✓		✓			✓	
CO5				✓		✓			✓	

**(Post Graduate Diploma in Electronic Media Management and Film Production)
[PGDEM&FP]**

Objectives of The of PGDEM&FP- : After completing the course the learners will be able to:

- Improve existing skills and learn new skills in media.
- enhance the Film production skills of the learner
- Recognize the basic components of Electronic media
- Recognize the basic components of Film
- understand the concept of Films and society relationship
- Understand about Film management;
- Understand computer networks, Internet;

Programme Outcomes (PO)

PO1: Imparting a basic level of communication theory for the learner.

PO2: The learner should be able to know about basic concept of film journalism

PO3: The learner should be able to know about basic concept of Television journalism

PO4: The learner should be able to preparing radio News and presentations, etc.

PO5: Able to view information on technical aspect of film (camera, mice, Recording, photography)

PO6: Able to view information on technical history of films

PO7: The learner should be able to Work in Films industry

PO 8: The learner should be able to Work in electronic media

PO 9: The learner should be able to Understand Films Scripts

PO 10 : The learner should be able to understand about film production

PGDEM&FP-01

Media: Concepts and Principles

Course Outcomes (CO)

CO:1 Learner will impart knowledge of communication process and its various forms

CO:2 Learner will be able to understand various theories and models of communication

CO:3 learner will be able to enhance Knowledge about Information technology

CO:4 learner will be able to enhance Knowledge about Radio and television

CO:5 learner will learn the process, elements, and levels of communication

PGDEM&FP-01

• Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1	✓						✓		✓	
							✓		✓	
CO2							✓		✓	
CO3							✓		✓	
CO4							✓		✓	
CO5							✓		✓	

•

PGDEM&FP-02

Film: Introduction, Principles and History

CO:1 learner will enhance Knowledge about history of Indian cinema

CO:2 learner will enhance Knowledge about different Dimension of film Journalism

CO:3 learner will enhance Knowledge about photo journalism

CO:4 learner will get knowledge about Current issues of films

CO:5 learner will learn the process, elements, and levels of communication

• **Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1		✓							✓	
		✓							✓	
CO2		✓							✓	
CO3		✓							✓	
CO4		✓							✓	
CO5		✓							✓	

•

PGDEM&FP-03

Film Production

CO: 1 Learner will be understand about the fundamentals of Films journalism

CO: 2 Learner will able to produce TV and radio news packages

CO: 3 Learner will be able to produce a short film able to know about Films production methods and procedures

CO: 4Learner will be able to produce radio programmes.

CO: 5 Learner will be able to understand TV/video production methods and procedures.

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
		✓				✓		✓	✓	✓

CO1										
		✓				✓		✓	✓	✓
CO2		✓				✓		✓	✓	✓
CO3		✓				✓		✓	✓	✓
CO4		✓				✓		✓	✓	✓
CO5		✓				✓		✓	✓	✓

PGDEM&FP-04

Film Management

CO: 1 know about understand the fundamentals of TV and radio journalism

CO: 2 Produce TV and radio news packages

CO: 3 Encourage learner to knowledge about the various media management aspects

CO: 4 Analyze the about technology of films

CO: 5 Understand about films organisation

CO: 6 produce radio short films

• Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1										✓
										✓
CO2			✓	✓						✓
CO3										✓
CO4		✓								✓
CO5								✓		✓
CO6	✓							✓		

PGDEM&FP-05

Film & Electronic Media

CO: 1 student able to know about understand the fundamentals of TV and radio journalism

CO: 2 learner able to produce TV and radio news packages

- CO: 3 to encourage learner to participate in group discussions and extempore.
- CO: 4 learner analyze the about various aspects of online journalism
- CO: 5 Learner will be able to understand of TV news, news gathering and packaging
- CO: 6 Learner will be able to produce radio programmes.

• **Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1										✓
										✓
CO2			✓	✓						✓
CO3										✓
CO4		✓								✓
CO5								✓		✓
CO6	✓							✓		

Post Graduate Diploma in Rural Journalism and

Objectives of the of PGDRJMC: After completing the course the learners will be able to:

- Improve existing skills and learn new skills in media.
- enhance the Film production skills of the learner
- Recognize the basic components of folk media
- Recognize the basic components of rural journalism
- Understand the importance of village
- Understand about Indian society and culture
- Make learner understand the structure and functioning of various media organizations

programme Outcomes (PO)

PO1: Imparting a basic level Rural Literacy programme for the learner.

PO2: The learner should be able to Understand about Folk media

- PO3:** The learner should be able to Understand about Cultural and cultural change
- PO3:** Able to view information on Social structure
- PO4:** Able to view information on Rural society
- PO5:** Able to view information on Rural Journalism
- PO6:** Able to use print media for Rural development
- PO7:** Able to use electronic media for Rural development
- PO8 :** Able to use media for social problems
- PO9 :** Able to use media for agricultural development
- PO10 :** The learner should be able to Work in NGO and media

PGDRJMC-01

Mass Communication and Journalism: Nature and Principles
Course Outcomes (CO)

CO:1 to impart knowledge about communication process and its various forms

CO:2 to make learner understand various theories and models of communication

CO:3 learner will enhance communication skills

CO:4 learner will enhance Writing skills

CO:5 learner will learn the process, elements, and levels of Rural communication

• **Mapping of CO to PO**

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1	✓									✓
										✓
CO2			✓	✓						✓
CO3										✓
CO4		✓								✓
CO5								✓		✓

PGDRJMC-02

PGDJMC-03 Reporting, Writing and Editing

CO: 1 Learner will get information about various forms of print media.

CO: 2 Learner will get information about various technologies widely in use in print journalism.

CO: 3 Learner will enhance journalistic skills

CO: 4 Learner will get information about various contemporary issues in media.

CO: 5 Learner will impart reporting and editing skills

CO: 6 Learner will get information about various ethical values (personal & organizational) required for a journalist

• Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1						✓				✓
		✓				✓		✓		✓
CO2						✓				✓
CO3						✓				✓
CO4						✓				✓
CO5			✓			✓				✓
CO6	✓									✓

PGDRJMC-03

Rural Journalism: Origin and Development

CO: 1 Learner will empower the knowledge for various forms of Journalism

CO: 2 Learner will empower the knowledge of ancient social stature

CO: 3 Learner will enhance journalistic skills

CO: 4 Learner will empower the knowledge of contemporary Ruler issues in media.

CO: 5 Learner will empower the knowledge of origin and development Journalism

CO: 6 Learner will empower the knowledge of contemporary Agriculture issues in media.

पुस्तकालय एवं सूचना विज्ञान स्नातक

BLIS

Bachelor of Library and Information Science

Introductin & Objective

प्रस्तावना एवं उद्देश्य –

पुस्तकालय एवं सूचना विज्ञान मे स्नातक कार्यक्रम वर्तमान परिप्रेक्ष्य में रोजगार के विभिन्न अवसर प्रदान करता है। इसके अध्ययन से कैरियर में अनेक सम्भावनाएँ हैं। यह विषय तकनीकी स्तर पर पुस्तकालय एवं सूचना केन्द्रों का व्यवस्थापन कर उनके प्रयोग के माध्यम से व्यक्ति उनकी उपयोगिता को सिद्ध करता है। इस विषय को पढ़ कर व्यक्ति पुस्तकालय एवं सूचना केन्द्रों में विभिन्न स्तरों पर कार्य करके अपने जीवकापार्जन कर सकता है। यह कार्यक्रम और अनेक महत्वपूर्ण संस्थाओं जैसे— इसरो, डी.आर.डी.ओ, नासडॉक, मेडलॉस व अन्य सूचना केन्द्रों में कार्य हेतु आवश्यक अर्हता प्रदान करता है। इस कार्यक्रम को करने के पश्चात हम पुस्तकालयाध्यक्ष व प्रलेखन अधिकारी सूचना वैज्ञानिक, व ज्ञान प्रबन्धक अधिकारी, सूचना कार्य पालक, सूचना निदेशक, सूचना अधिकारी एवं सूचना विश्लेषक हो सकते हैं। यह कार्यक्रम रोजगारोन्मुख होने के कारण छात्रों में अत्यन्त ही लोकप्रिय है।

Programme Outcomes (PO)

1. शिक्षार्थी पुस्तकालय एवं सूचना केन्द्रों की समाज में उपयोगिता के बारे में जान सकेंगे।
2. संस्थाओं में वैज्ञानिक प्रबन्धन के माध्यम से सूचनाओं के उच्चस्तरीय प्रबन्धकीय तौर तरीकों के बारे में जान सकेंगे।

3. वर्गीकरण विषय की गहराई को देखते हुए प्रलेखों में निहित सूचनाओं का विश्लेषण एवं व्यवस्थापन करने योग्यता का विकास हो सकेगा।
4. प्रसूचीकरण के माध्यम से प्रलेखों के बारे में उपयोक्ता वर्ग को जागरूक करना एवं में उनकी अभिरुचि उत्पन्न हो सकेगी।
5. विभिन्न शैक्षणिक एवं गैर शैक्षणिक राष्ट्रीय एवं अन्तरराष्ट्रीय स्तर पर कार्यरत संगठनों के बारे में ज्ञान प्राप्त कर सकेंगे।
6. सूचनाओं की निरन्तरता और व्यापकता को देखते हुए उनको व्यवस्थित करने से सम्बन्धित साफ्टवेयर के बारे में जानकारी प्राप्त कर सकेंगे।
7. आई.एस.आर., सी.एस.आई.आर, डी.आर.डी.ओ., आई.सी.एच.आर., आई.सी.एम.आर. अनुसंधान तथा विकास केन्द्रों के बारे में जानकारी प्राप्त हो सकेगी।
8. सूचना प्रदान करने वाली महत्वपूर्ण एजेन्सियों के बारे में जान सकेंगे, जहाँ अनुक्रमणीकरण, सारकरण, ग्रन्थ सूची तैयार की जाती है।
9. पुस्तकालय में संस्थानिक आधुनिक ढाँचा तैयार करने हेतु नेटवर्किंग, शिक्षा-प्रशिक्षण एवं आधुनिक पुस्तकालयों में रख रखाव की जानकारी प्राप्त कर सकेंगे।

Course Outcomes (CO)

BLIS-01

CO 1 : पुस्तकालय एवं समाज में उनकी महत्ता के बारे में जान सकेंगे।

CO 2 : पुस्तकालयों के विकास एवं विविध प्रकार के पुस्तकालयों एवं उनके विकास के बारे में जान सकेंगे।

CO 3 : पुस्तकालय से संबंधित उनके अधिनियम व संगठन के बारे में जान सकेंगे।

CO 4 : पुस्तकालय सहभागीकरण के एवं उनके विस्तार के बारे में।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	
CO1	x				x		x	x		
CO2	x				x	x	x	x		
CO3		x			x				x	
CO4	x	x		x	x			x	x	

BLIS-02

CO 1 : पुस्तकालयों का प्रबन्धन एवं उनकी नियोजन के बारे में

CO 2 : पुस्तकालय में पुस्तकों के चयन एवं चयन के स्रोत के बारे में जान सकेंगे।

CO 3 : पुस्तकालय का उपयोग एवं रखरखाव के विविध आयामों के बारे में जान सकेंगे।

CO 4 : पुस्तकालय एवं संस्थानिक संस्थाओं के प्रबन्धन एवं नियोजन के बारे में जान सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	
CO1		X	X	X					X	
CO2		X	X	X					X	
CO3		X	X	X		X			X	
CO4	X							X	X	

BLISS-01

CO 1 : पुस्तकालय वर्गीकरण का क्या अर्थ है? एवं उनके सिद्धान्त के बारे में जानकारी प्राप्त कर सकेंगे।

CO 2 : पुस्तकालय वर्गीकरण के प्रमुख तत्वों का एवं उपागमों के बारे में जान सकेंगे।

CO 3 : पुस्तकालय सूचीकरण के सिद्धान्त एवं उनके प्रकारों के बारे में जान सकेंगे।

CO 4 : सूचीकरण क्या है? एवं उनके मानक के बारे में जानकारी प्राप्त कर सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	
CO1		X	X						X	
CO2		X	X						X	
CO3		X		X		X			X	
CO4		X		X		X			X	

BLIS-04

CO 1 : डी.डी.सी. (19वीं संस्करण भाग-1) के बारे में जानकारी प्राप्त कर सकेंगे।

CO 2 : कोलन क्लास फिकेशन के बारे में जान सकेंगे।

Course Outcomes		Programme Outcome (PO)								
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9
CO1			X	X					X	X
CO2			X	X					X	X

BLIS-05

CO 1 : पुस्तकालय प्रसूचीकरण में ए.ए.सी.आर. -2 द्वारा सूचीकरण के बारे में जान सकेंगे।

CO 2 : क्लासीफाइट कैटलाग कोड के अनुसार सूची तैयार करने की विधि के बारे में जान सकेंगे।

Course Outcomes		Programme Outcome (PO)								
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9
CO1			X		X				X	X
CO2			X		X				X	X

BLIS-06

CO 1 : विभिन्न सन्दर्भ सूचना स्रोतों के बारे में विद्यार्थी जान सकेंगे।

Course Outcomes		Programme Outcome (PO)								
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9
CO1			X			X	X	X	X	X

BLIS-07

CO 1 : सन्दर्भ सेवा क्या है ? उनके बारे में जानकारी प्राप्त कर सकेंगे।

CO 2 : सूचना सेवा के बारे में जानकारी प्राप्त कर सकेंगे।

CO 3 : सन्दर्भ पुस्तकालयाध्यक्ष एवं उपयोक्ता शिक्षण के बारे में जान सकेंगे।

Course Outcomes		Programme Outcome (PO)								
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9
CO1						X	X	X	X	X

CO2		X			X	X	X	X	X
CO3				X	X	X	X	X	X

BLIS-08

CO 1 : सूचना एवं संचार प्रौद्योगिकी : पुस्तकालय स्वाचालन के बारे में जान सकेंगे।

CO 2 : सूचना प्रौद्योगिकी के बारे में जान सकेंगे।

CO 3 : लैंग्वेज, डी.बी.एम.एस. एवं पुस्तकालय साफ्टवेयर के बारे में जानकारी प्राप्त कर सकेंगे।

CO 4 : सामान्य साफ्टवेयर एवं पुस्तकालय साफ्टवेयर के बारे में जानकारी प्राप्त कर सकेंगे।

CO 5 : पुस्तकालय स्वाचालन के बारे में जानकारी प्राप्त कर सकेंगे।

Course Outcomes		Programme Outcome (PO)								
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9
CO1			X		X	X			X	X
CO2			X		X		X	X	X	X
CO3			X		X	X	X	X	X	X
CO4			X		X	X		X	X	X
CO5			X			X	X	X	X	X

BLIS-09

CO 1 : सूचना एवं संचार प्रौद्योगिकी तथा नेटवर्किंग के विविध आयामों के बारे में जान सकेंगे।

CO 2 : पुस्तकालय नेटवर्कों के बारे में जान सकेंगे।

CO 3 : संचार एवं इन्टरनेट के बारे में जान सकेंगे।

CO 4 : डिजिटल लाईब्रेरी एवं सूचना सुरक्षा के बारे में जान सकेंगे

Course Outcomes		Programme Outcome (PO)								
		PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9
CO1			X		X	X	X	X	X	X
CO2			X		X	X	X	X	X	X
CO3		X	X		X	X	X	X	X	X
CO4			X				X			X

पुस्तकालय एवं सूचना विज्ञान में परास्नातक

MLIS

पुस्तकालय एवं सूचना विज्ञान में परास्नातक पाठ्यक्रम विश्वविद्यालयों, कालेजों व अन्य शैक्षणिक सार्वजनिक एवं विशिष्ट पुस्तकालयों कार्य करनेमें उपर्युक्त मानव संसाधन तैयार करने हेतु उपयोगी पाठ्यक्रम है। कार्पोरेट कंपनियों भी अपने यहाँ लाइब्रेरी को प्रमोट कर रही हैं और उसमें संलग्न स्टाफ को भी आकर्षक सैलरी का ऑफर देती हैं। आज अधिकांश खुद की वीडियो लाइब्रेरी , इन्टरनेट लाइब्रेरी, फोटो लाइब्रेरी, साउन्ड लाइब्रेरी आदि में पुस्तकालय प्रोफेनल्स की माँग बढ़ रही है। राष्ट्रीय एवं अन्तर्राष्ट्रीय स्तर पर गठन किये गये महत्वपूर्ण संस्थाओं जैसे R & D, ICHR, ICFR, CSIR, DRDO, ICSSR आदि में उच्च ज्ञान प्राप्त पुस्तकालय कर्मियों की आवश्यकता होती है। इसके अतिरिक्त उच्च शिक्षण संस्थान में अत्यन्त ही महत्वपूर्ण पद पुस्तकालयाध्यक्ष का होता है। इस पद पर कार्य करने वाले कर्मियों का स्केल व गरिमा प्रोफेसर पद के समतुल्य है लाइब्रेरी असिस्टेन्ट या टेक्निकल असि. आदि के पद भी होते हैं। इन सभी पदों पर कार्य करने वाले लाइब्रेरी एण्ड इन्फोरमेशन साइन्स में प्रशिक्षित होने के साथ-साथ उच्च स्तरीय ज्ञान की आवश्यकता होती है जिसकी पूर्ति इस पाठ्यक्रम के माध्यम से की जाती है।

Programme Outcomes

1. शिक्षार्थी आधुनिक समाज में ग्रन्थालय सूचना केन्द्रों की भूमिका को जान सकेंगे।
2. ग्रन्थालय सूचना केन्द्रों के प्रबन्धन के तरीको का ज्ञान प्राप्त कर सकेंगे।
3. सूचना स्रोत एवं प्राथमिक , द्वितीयक एवं त्रितीयक सूचना स्रोतों की जानकारी प्राप्त हो सकेंगे।
4. शैक्षणिक ग्रन्थालयों प्रणालियों का ज्ञान प्राप्त हो सकेगा तथा उसके प्रयोग करने की क्षमता का विकास होगा।
5. सार्वजनिक ग्रन्थ प्रणालियों का ज्ञान प्राप्त हो सकेगा तथा उसके प्रयोग करने की क्षमता का विकास होगा।
6. ग्रन्थालय सामग्रियों का परिरक्षण एवं संरक्षण के बारे में समझ विकसित हो सकेगी।
7. सूचना संसाधन एवं सूचना पुनः प्राप्ति की जानकारी प्राप्त हो सकेगी।
8. पुस्तकालय में सूचना प्रौद्योगिकी के अनुप्रयोग के बारे में जानकारी प्राप्त हो सकेंगी।
9. पुस्तकालय में उच्चतर वर्गीकरण एवं प्रसूचीकरण के बारे में ज्ञान एवं कौशल का विकास हो सकेगा।

10. पुस्तकालय साफ्टवेयर के माध्यम से प्रवृष्टि तैयार करने एवं अन्य पुस्तकालयी गतिविधियों के स्वाचालीकरण के बारे में जानकारी तथा उनके व्यवहारिक प्रयोग के कौशल का विकास हो सकेगा।

Course Outcomes (CO)

MLIS -1

CO 01 : आधुनिक समाज में ग्रन्थालयों एवं सूचना केन्द्रों की भूमिका के बारे में अध्ययन कर सकेंगे।

CO 02 : ग्रन्थालय एवं सूचना सेवाओं के विकास में सम्बद्ध संगठन और संस्थाएँ के बारे में अध्ययन कर सकेंगे।

CO 03 : सूचना : की प्रकृति, गुण एवं क्षेत्र, के साथ-साथ सूचना एवं ज्ञान के गुण एवं विशेषताएँ के बारे में अध्ययन कर सकेंगे।

CO 04 : संचार प्रक्रिया, उसके माध्यम तथा सूचना एवं संचार के अवरोधों की जाकारी तथा सूचना उत्पादन की विधियों एवं स्वरूप एवं सूचनाओं के सामाजिक प्रभाव के बारे में अध्ययन कर सकेंगे।

CO 05 : सूचना के सामाजिक आर्थिक प्रभाव, ग्रन्थालय एवं सूचना नीति, राष्ट्रीय सूचना नीति (एन. आई. पी.) के बारे में अध्ययन में कर सकेंगे।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1	X	X		X	X			X		X
CO2	X			X	X			X		X
CO3	X		X				X	X		X
CO4	X	X	X				X	X		X
CO5	X	X	X				X			X

MLIS -02

ग्रन्थालयों एवं सूचना केन्द्रों का प्रबन्धन

CO 01 : प्रबन्धन के सामान्य सिद्धान्त, वैज्ञानिक प्रबन्धन, उद्देश्य पूर्ण प्रबन्धन आदि का ग्रन्थालय, प्रबन्धन में अनुप्रयोग के बारे में अध्ययन कर सकेंगे।

CO 02 : प्रणाली विश्लेषण एवं अभिकल्पन तथा परिवीक्षण एवं मूल्यांकन तकनीक के बारे में अध्ययन कर सकेंगे।

CO 03 : मानव संसाधन विकास, कार्मिक नियोजन, सहभागी प्रबन्धन एवं सम्पूर्ण गुणवत्ता प्रबन्धन के बारे में जान सकेंगे।

CO 04 : सूचना उत्पादों एवं सेवाओं का विपणन, विपणन युक्तियाँ, वित्तीय प्रबन्धन जैसे बजट, लेखाकरण एवं लेखा परीक्षण, लगत तकनीक एवं लागत विश्लेषण के बारे में जानकारी व अध्ययन कर सकेंगे।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1		X		X	X		X	X		X
CO2		X		X			X			X
CO3		X		X	X					X
CO4		X	X				X	X		X

MLIS -03

सूचना स्रोत एवं प्रणालियाँ

CO 01 : सूचना के प्राथमिक द्वितीयक एवं तृतीयक स्रोतों तथा मानविकी में सूचना स्रोत, समाज विज्ञान में सूचना स्रोत, विज्ञान एवं प्रौद्योगिकी विषय में सूचना स्रोतों के बारे में जानकारी प्राप्त कर सकेंगे।

CO 02 : प्रलेखीय स्रोतों, मुद्रित एवं अमुद्रित माध्यमों मानव संसाधको सूचना स्रोत के रूप में अध्ययन कर सकेंगे।

CO 03 : ग्रन्थालय एवं सूचना केन्द्रों में कार्मिक, सूचना मध्यस्थ, डेटाबेस, अभिकल्पकर्ता आदि के बारे में अध्ययन कर सकेंगे।

CO 04: संस्थागत स्रोतों तथा जनसंचार माध्यमों के बारे में जानकारी प्राप्त कर सकेंगे।

CO 05 : उपयोगकर्ताओं के लिए सूचना स्रोत विषय- वस्तु विश्लेषण, सूचना का उपभोक्ताकरण, उद्धरण विश्लेषण, सूचना स्रोत उपकरण के बारे में जानकारी प्राप्त कर सकेंगे।

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1		X	X					X		X
CO2			X	X	X			X		X
CO3		X	X				X	X		X

CO4	X		X				X	X		X
CO5	X		X				X	X		X

MLIS -04(E-1)

CO 01: शिक्षा में शैक्षिक ग्रन्थालय : भूमिका, उद्देश्य एवं कार्य, महाविद्यालय एवं विश्वविद्यालय ग्रन्थालयों के उन्नयन में विश्वविद्यालय अनुदान आयोग एवं अन्य संस्थानों की भूमिका के बारे में जानकारी प्राप्त कर सकेंगे।

CO 02: संग्रह विकास की नीतियाँ एवं समस्याओं, ग्रन्थालय समिति की संग्रह विकास में भूमिका के बारे में अध्ययन कर सकेंगे।

CO 03: शैक्षणिक ग्रन्थालयों के विकास हेतु सतत् शिक्षा कार्यक्रम के बारे में अध्ययन कर सकेंगे।

CO 04: शैक्षणिक ग्रन्थालयों में कार्मिक प्रबन्धन, संसाधन सहभागिता, ग्रन्थालय नेटवर्क उनके उद्देश्य एवं कार्य, ग्रन्थालय एवं सूचना संसाधन सहभागिता में इनपिलबनेट की भूमिका आदि के बारे में जानकारी प्राप्त कर सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1	X	X		X				X		X
CO2		X		X				X		X
CO3	X	X		X	X			X		X
CO4	X	X		X	X		X	X		X

MLIS -04(E-2)

CO 01: सार्वजनिक ग्रन्थालय के उद्देश्य एवं कार्य, यूनेस्को का सार्वजनिक ग्रन्थालय घोषणा-पत्र ग्रन्थालय अधिनियम, भारत में सार्वजनिक ग्रन्थालय अधिनियमों के बारे में जानकारी प्राप्त कर सकेंगे।

CO 02: सार्वजनिक ग्रन्थालयों की सेवाओं सार्वजनिक ग्रन्थालयों में संग्रह विकास के बारे में जानकारी प्राप्त कर सकेंगे।

CO 03: मानव संसाधन का प्रबन्धन, भौतिक संसाधनों का प्रबन्धन, वित्तीय संसाधनों का प्रबन्धन के बारे में जानकारी प्राप्त कर सकेंगे।

CO 04: सार्वजनिक ग्रन्थालयों के विकास में राष्ट्रीय एवं अन्तर्राष्ट्रीय संस्थाओं का योगदान के बारे में जानकारी प्राप्त कर सकेंगे।

CO 05: सार्वजनिक ग्रन्थालयों में सूचना प्रौद्योगिकी का अनुप्रयोग के बारे में जानकारी प्राप्त कर सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1		X			X	X		X		X
CO2		X			X	X	X	X		X
CO3	X	X			X	X		X		X
CO4	X			X	X			X		X
CO5	X	X			X	X		X		X

MLIS -04(E-3)

CO 01: परिरक्षण एवं संरक्षण की आवश्यकता, उद्देश्यों एवं कार्यों के बारे में जानकारी प्राप्त कर सकेंगे।

CO 02: ग्रन्थालयी सामग्रियों के प्रकार एवं उनके संरक्षण, प्राचीन पाण्डुलिपियों एवं मुद्रित प्रलेखों के बारे में जानकारी प्राप्त कर सकेंगे।

CO 03: ग्रन्थेत्तर सामग्रियों/सूक्ष्म प्रलेखों, ग्रन्थालय सामग्री के हानिकारक पर्यावरणी तत्व के बारे में जानकारी प्राप्त कर सकेंगे।

CO 04: ग्रन्थालय सामग्री के हानिकारक तत्वों में जैविक तत्वों रासायनिक तत्वों तथा ग्रन्थालय प्रलेखों की जिल्दबन्दी के विभिन्न प्रकार के बारे में जानकारी प्राप्त कर सकेंगे।

CO 05: जिल्दबन्दी हेतु प्रयुक्त सामग्री के प्रकार एवं प्रक्रियाएँ, ग्रन्थालय जिल्दबन्दी के मानकों को जान सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1		X				X		X		X
CO2			X	X	X	X				
CO3					X	X				X
CO4		X		X	X	X				
CO5						X				

MLIS -05

CO 01: सूचना के बौद्धिक संगठन के बारे में जानकारी प्राप्त कर सकेंगे।

CO 02: वर्गीकरण पद्धतियों के सामान्य एवं विशिष्ट प्रकारों, थिसारसों के : अनुकल्पन एवं अभिप्रयोग के बारे में जानकारी प्राप्त कर सकेंगे।

CO 03: ग्रन्थपरक विवरण, ग्रन्थपरक अभिलेख के मानकों के बारे में जानकारी प्राप्त कर सकेंगे।

CO 04: अनुक्रमणीकरण की प्रक्रिया एवं प्रतिरूप के बारे में जानकारी प्राप्त कर सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1		X					X	X		X
CO2		X					X		X	X
CO3		X					X		X	X
CO4		X					X	X		X

MLIS -06

CO 01: कम्प्यूटर प्रौद्योगिकी, तथा संचार प्रौद्योगिकी के बारे में जानकारी प्राप्त कर सकेंगे।

CO 02: ग्रन्थालय स्वचालन की आवश्यकता, उद्देश्य, प्रक्रिया एवं मूल आवश्यकताएँ, ग्रन्थालय प्रबन्धन में कम्प्यूटर का अनुप्रयोग आदि के बारे में जानकारी प्राप्त कर सकेंगे।

CO 03: ग्रन्थालय साफ्टवेयर पैकेजों हेतु आवश्यक दिशा निर्देशन, विशेषतायें एवं उनके मूल्यांकन के बारे में जानकारी प्राप्त कर सकेंगे।

CO 04: कम्प्यूटरीकृत ग्रन्थालयों में ग्रन्थालय एवं सूचना सेवाओं का प्रबन्धन, डेटावेस की अवधारणा तथा संघटन व डेटावेस प्रबन्धन प्रणाली (डी.बी.एम.एस) के बारे में जानकारी प्राप्त कर सकेंगे।

CO 05: संसाधन सहभागिता, ग्रन्थालय एवं सूचना नेटवर्क, ग्रन्थालय एवं सूचना केन्द्रों में इंटरनेट की भूमिका आदि के बारे में जानकारी प्राप्त कर सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1							X	X		X
CO2		X					X	X	X	X
CO3		X					X	X	X	X
CO4		X					X	X		X
CO5		X		X	X		X	X		X

MLIS -07

भाग –एक

CO 01: ड्यूवी डेसीमल वर्गीकरण पद्धति के बारे में उच्चस्तरीय जानकारी प्राप्त कर सकेंगे एवं कठिन वर्गाकों हेतु इनकी प्रयोग को सीख सकेंगे।

CO 02: विभिन्न सारिणियों के उपयोग की विस्तृत एवं गहन जानकारी प्राप्त कर सकेंगे।

CO 03: ग्रन्थों के वर्गीकरण में योजक विधियों का प्रयोग के बारे में जानकारी प्राप्त कर सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1		X							X	
CO2			X						X	
CO3		X							X	

MLIS -07

भाग –दो

CO 01: ए.ए.सी.आर.-2 संसोधित का परिचय, विवरण के स्तर, प्रयोक्ता मार्गदर्शिका, प्रविष्टियों के प्रकार तथा उनकी संरचना एवं सीयर्स लिस्ट ऑफ सब्जेक्ट हैडिंग्स के बारे में जानकारी प्राप्त कर सकेंगे।

CO 02: स्मष्टि लेखक : शासन, संस्था एवं सम्मेलन, बहुखण्डीय ग्रन्थ, समिश्र ग्रन्थों का सूचीकरण के बारे में जानकारी प्राप्त कर सकेंगे।

CO 03: जटिलता युक्त आवधिक प्रकाशनों का सूचीकरण के बारे में जानकारी प्राप्त कर सकेंगे।

CO 04: अग्रन्थीय सामग्री का समचीकरण : भौगोलिक सामग्री, सूक्ष्मरूप सामग्री, चलचित्र एवं वीडियों रिकार्डिंग्स तथा फाइल्स के बारे में जानकारी प्राप्त कर सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1		X						X	X	X
CO2			X					X	X	X
CO3		X						X	X	X

CO4		X						X	X	X
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MLIS -08

CO 1 : सोल साफ्टवेयर के द्वारा डेटावेस के निर्माण एवं उनके व्यवस्थापन की जानकारी प्राप्त कर सकेंगे।

CO 2 : विभिन्न प्रकार की सूचनाओं को डेटाबेस में किस प्रकार जोड़ा जाय इसकी जानकारी प्राप्त कर सकेंगे।

CO 3 : डेटाबेस में शेष सूचना प्राप्त करवाकर उसे डाउनलोड करना एवं डेटाबेस की वेबसाइट पर किस प्रकार लॉगिन करते हैं इसकी जानकारी प्राप्त कर सकेंगे।

CO 4 : विभिन्न प्रकार के पत्राचारों हेतु ई-मेल बनाना उसका उपयोग करने के सम्बन्ध में ज्ञान प्राप्त कर सकेंगे।

Course Outcomes	Programme Outcome (PO)									
	PO:1	PO:2	PO:3	PO:4	PO:5	PO:6	PO:7	PO:8	PO:9	PO:10
CO1								X		X
CO2								X		X
CO3							X	X		X
CO4		X					X	X	X	

M.A. YOGA (MAYO)

Year	Course Code	Title of the Course	Credits
Two Year Course	MAYO-01	Fundamentals of Yoga	8
	MAYO-02	Principles of Hath Yoga	8
	MAYO-03	Yoga Practical	8
	MAYO-04	Food and Nutrition	8
	MAYO-05	Human Anatomy and Physiology	8
	MAYO-06	Patanjali Yoga Sutra	8
	MAYO-07	Yoga Therapy	8
	MAYO-08	Yoga Practical II	8
	MAYO-09	Shrimadbhagvat Geeta and Upnishad	8
	MAYO-10	Research Methods and Statistics	8

PROGRAMME OUTCOME:

PO1:- Creating curiosity among students to accept and implementation of yoga in their life for achieving health.

PO 2:- Developing a strong will to learn yoga teachings as told in ancient yoga texts.

PO 3:- Facilitate the students with proper techniques of different yoga practices to avoid false methodology of doing yoga.

PO 4:- Familiarize the students with deep concept of yoga through physiology, psychology and philosophy by which different aspects of yoga could be acknowledged.

PO 5:- To aware the students about research methodology in the field of yoga science.

COURSE OUTCOME: MAYO 01 Fundamentals of Yoga

CO 1. Students will know the exact face of yoga and will not mislead the society by gaining correct knowledge about origin of yoga.

CO 2. Student would be able to know the journey of yoga and how it varied with time by gaining the knowledge about lineages of yoga.

CO 3. The biographies of yogic would motivate the student to apply yoga in his / her own life and through this they would improve their quality of life.

CO 4. Students would be able to understand the ancient concept of the yoga and he would become able to compare it with modern time yoga.

CO 5. Students would be able to know different thoughts on yoga and their importance in one's life.

Mapping of CO to PO

Course outcome	Programme outcome (PO)	

(CO)					
	PO1	PO2	PO3	PO4	PO5
CO1	x		x		
CO2	x	x	x		
CO3		x		x	
CO4	x	x	x	x	
CO5		x	x		

MAYO 02 Principles of Hath Yoga

CO1.Students would know how to define Hath yoga and would be able to choose right time, place and season for starting the practice of Yoga.

CO2.Students would know the importance of Hath yoga for better health and success in life.

CO3.Students will learn the techniques to do Shat-Karmas, Asanas and Pranayams as per Hath Pradipika.

CO4.Students would know the concept of Sapt-Sadhanas of Maharishi Gherand.

CO5.Student will learn the technique of Astanga yoga of Swami Charan Das.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1			x		
CO2	x		x	x	
CO3			x		
CO4	x	x		x	
CO5		x	x		

MAYO 03 Yoga Practical

CO1.Students would be familiar with the different techniques and benefits of Pranayama as per Hath yoga such as Nadishodhan, Shetalee, Sheetkari.

CO2.Students would be familiar with the different techniques and benefits of Pranayama as described in the Yoga Sutra such as Bahyavritti, Stambhvriti.

CO3.Students would be familiar with the procedure and benefits of the Surya Namaskara.

CO4.Students would be acknowledged about the verities of basic Asanas and about their effect on body.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)				

	PO1	PO2	PO3	PO4	PO5
CO1			x		
CO2	x		x	x	
CO3			x		
CO4	x		x	x	
CO5	x	x	x		

MAYO 04 Foods and Nutrition

CO1.Student will learn to apply good habits in his daily routine, which in result Improve the health status.

CO2.Student would be able to understand the methods of doing Abhyanga and Become able to apply it on others.

CO3.Student would understand the importance of proper bath and sleep.

CO4.Student would be able to understand the reason behind arising the disease and to cure them by following a good seasonal routine.

CO5.Student would be able to design a healthy diet plan which helps in getting all the necessary nutrients for the body.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	x				
CO2	x		x	x	
CO3	x	x	x	x	
CO4	x			x	
CO5	x	x	x	x	

MAYO 05 Human Anatomy and Physiology

CO1.Student would be able to know the meaning, characteristics of human physiology.

CO2.Student would be able to know the skeleton system and its classification.

CO3.Student would be able to know about muscular system and the effect of yoga in it.

CO4.Student would be able to know about digestive system and the very effect of yoga on it.

CO5.Student would be able to know about circulatory system, endocrine system, respiratory system, excretory system and effect of yoga on it.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	x			x	
CO2	x			x	
CO3	x	x	x	x	
CO4	x		x	x	
CO5	x	x	x	x	

MAYO 06 Patanjali Yoga Sutra

CO1.Student would be able to know the introduction of Patanjali Yoga Sutras.

CO2.Student would be able to know vritti of mind.

CO3.Student would be able to know calm the mind by eliminating the different vritti.

CO4.Student would be able to know eight steps yoga- Astana Yoga.

CO5.student would be able to know Pancha Klesha, Yoga Antrayas and Pramanas, Yama and Niyama, Dhyana (Meditation)

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	x			x	
CO2	x	x			
CO3	x	x	x		
CO4	x	x	x		
CO5	x	x	x		

MAYO 07 Yoga Therapy

CO1.Student will familiarize with yogic concept of human anatomy and physiology on their basis they would apply ancient techniques of yoga properly.

CO2.Student would be able to understand the different techniques which heal Human body system.

CO3.Student would be able to understand the concept of yoga therapy and how it heals human system.

CO4.Student would be able to heal common diseases by applying yoga therapy.

CO5. Student may heal major disease through yogic therapies.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	x		x	x	
CO2	x	x	x		
CO3	x	x	x	x	
CO4	x	x	x	x	
CO5	x	x	x	x	

MAYO 08 Yoga Practical II

CO1.Student would be able to perform the clearing exercise and would also be able to demonstrate them.

CO2.Student would be familiarizing with the different Bandhas and Mudras.

CO3.Student would learn and enhance their language skills, specially writing skill through preparing the note book of Yoga Asanas and Pranayamas.

CO4. Student would be able to demonstrate the Asanas and Pranayamas with the help of chart or oral presentation.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	x		x	x	
CO2	x	x	x		
CO3	x	x	x		
CO4	x	x	x		

MAYO 09 Shrimad Bhagvat Geeta and Upnishad

CO1.Student would be able to introduce the Bhagvad Geeta.

CO2.Student would be able to understand the major concepts given/ described in Bhagvad Geeta.

CO3.Student would be able to know the nature of geeta.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	x			x	
CO2	x	x			
CO3	x	x		x	

MAYO 10 Research Methodology and Statistics

CO1. Student will learn the nature, scientific method and importance of Research in the field of yoga and came to know scientifically that how yoga affects human body.

CO2. Student would be able to design a research study scientifically.

CO3. Student will get familiar with the step involved in carrying a research study.

CO4. Student will understand the role of statistical data for a research study

especially in the field of yoga.

CO5. Student would be able to apply different major statistical test for processing the data in a research study.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	x			x	x
CO2	x			x	x
CO3	x			x	x
CO4	x			x	x
CO5	x	x	x	x	x

B.A. YOGA (UGYO)

Year	Course Code	Title of the Course	Credits
Three Year Course	UGYO-01	Introductions to Yoga	8
	UGYO-02	General introductions to Hath Yoga	8
	UGYO-03	Yoga Practical	8
	UGYO-04	Human Anatomy and Physiology	8
	UGYO-05	Food and Nutrition	8

PROGRAMME OUTCOME:

Po1:- To Provide deeper insight into the curriculum of yogic science along with therapeutic application of yoga and alternative therapies.

Po2:- To aware learner about interconnection between the body the breath, the mind and the emotions in the context of maintain resilience and well being.

Po3:- To create professional yoga teacher/instructor of high calibre.

Po4:- To provide practical knowledge of the subject through Aasans, pranayams, bandhs and meditation.

Po5:- To promote positive health in the learner though yoga.

Po6:- To make aware the learner different nutrient and importance of yoga and food for healthy living.

COURSE OUTCOME: UGYO 01 Introductions to Yoga

CO1. Students will know the exact face of yoga and will not mislead the society by gaining correct knowledge about origin of yoga.

CO2. Student would be able to know the journey of yoga and how it varied with time by gaining the knowledge about lineages of yoga.

CO3. The biographies of yogic would motivate the student to apply yoga in his / her own life and through this they would improve their quality of life.

CO4. Students would be able to understand the ancient concept of the yoga and he would become able to compare it with modern time yoga.

CO5. Students would be able to know different thoughts on yoga and their importance in one's life.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)					
	PO1	PO2	PO3	PO4	PO5	PO6
CO1	x	x	x		x	

CO2	x	x	x		x	
CO3		x		x	x	
CO4	x					
CO5	x				x	

UGYO 02 General introduction to Hath Yoga

CO1.Students would know how to define Hath yoga and would be able to choose right time, place and season for starting the practice of Yoga.

CO2.Students would know the importance of Hath yoga for better health and success in life.

CO3.Students will learn the techniques to do Shat-Karmas, Asanas and Pranayams as per Hath Pradipika.

CO4.Students would know the concept of Sapt-Sadhanas of Maharishi Gherand.

CO5.Student will learn the technique of Astanga yoga of Swami Charan Das.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)					
	PO1	PO2	PO3	PO4	PO5	PO6
CO1	x	x	x		x	
CO2	x	x	x		x	
CO3		x		x	x	
CO4	x			x		
CO5	x			x	x	

UGYO 03 Yoga Practical

CO1.Students would be familiar with the different techniques and benefits of Pranayama as per Hath yoga such as Nadishodhan, Shetalee, Sheetkari.

CO2.Students would be familiar with the different techniques and benefits of Pranayama as described in the Yoga Sutra such as Bahyavritti, Stambhvriti.

CO3.Students would be familiar with the procedure and benefits of the Surya Namaskara.

CO4.Students would be acknowledged about the verities of basic Asanas and about their effect on body.

Mapping of CO to PO

Course outcome	Programme outcome (PO)					

(CO)	PO1	PO2	PO3	PO4	PO5	PO6
CO1	x	x	x	x	x	
CO2	x	x	x	x	x	
CO3		x		x	x	
CO4	x			x		

UGYO 04 Human Anatomy and Physiology

CO1.Student would be able to know the meaning, characteristics of human physiology.

CO2.Student would be able to know the skeleton system and its classification.

CO3.Student would be able to know about muscular system and the effect of yoga in it.

CO4.Student would be able to know about digestive system and the very effect of yoga on it.

CO5.Student would be able to know about circulatory system, endocrine system, respiratory system, excretory system and effect of yoga on them.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)					
	PO1	PO2	PO3	PO4	PO5	PO6
CO1	x	x	x		x	
CO2	x	x	x		x	
CO3		x		x	x	
CO4	x			x		x
CO5	x			x	x	

UGYO 05 Foods and Nutrition

CO1.Student will learn to apply good habits in his daily routine, which in result Improve the health status.

CO2.Student would be able to understand the methods of doing Abhyanga and Become able to apply it on others.

CO3.Student would understand the importance of proper bath and sleep.

CO4.Student would be able to understand the reason behind arising the disease and to cure them by following a good seasonal routine.

CO5.Student would be able to design a healthy diet plan which helps in getting all the necessary nutrients for the body.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)					
	PO1	PO2	PO3	PO4	PO5	PO6
CO1	x	x	x		x	x
CO2	x	x	x	x	x	x
CO3		x			x	x
CO4	x					x
CO5	x			x	x	x

Post Graduate Diploma in Dietetics and Therapeutic Nutrition (PGDDTN)

Programme outcome: (PO)

PO1: To provide comprehensive and essential practical guidance on all aspects of dietetics from the promotion of health to the management of diseases.

PO2: To develop a knowledge base in key areas of nutrition/dietetics and food service management such as clinical nutrition and therapeutic diets, quantity cooking, institution food administration, public nutrition, nutrition epidemiology, biochemistry, food microbiology and physiology

PO3: To impart necessary expertise to enable learners to function as dietitians, diet counsellors and nutrition and health communicators provide practical, field level experience in institutional food administration and dietetics cater to the needs of persons employed in government and non-government institutions engaged in providing health/dietetic care and food service,

PO4: To equip individuals to start their own food service unit, leading to entrepreneurship. Undertake Standard Microbiological and Chemical analysis of Food Products.

COURSE OUTCOME: PGDDTN-01 Principles of Food Science

PO1: Introduction to Food Science and Simple Sugars,

Lipids, Proteins, Vitamins and Minerals,
Enzyme, Pigments and Dietary Fibre,

CO2: Soils, Gels and Emulsions Chemical,
Physical and Nutritional Alterations Occurring in Foods During Processing and Storage
Introduction to Food Processing

CO3: Methods of Food Processing – I
Methods of Food Processing – II
Pre and Primary Processing – Some Basic Concepts
Product Development And Evaluation

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)			
	PO1	PO2	PO3	PO4
CO1	X			X
CO2	X	X	X	X
CO3	X	X	X	

COURSE OUTCOME: PGDDTN -02 Advance Public Nutrition

CO1: Concept of Public Nutrition: Multidisciplinary Concept, Nutritional Problems-I, Nutritional Problems-II

CO2:Health Economics and Economics of Malnutrition
Population Dynamics
Assessment of Nutritional Status in Community Settings -I
Assessment of Nutritional Status in Community Settings –II

CO3:Nutrition Monitoring and Nutrition Surveillance
Nutrition Policy and Programmes
Review of National Nutrition Programmes
Strategies to Combat Public Nutrition Problems – I
Strategies to Combat Public Nutrition Problems – II

CO4:Programme Management and Administration
Conceptualization and the Process of Nutrition Education
Nutrition Education Communication Programme: Formulation
Nutrition Education Communication Programme: Implementation
Nutrition Education Programme : Evaluation.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)			
	PO1	PO2	PO3	PO4
CO1	X		X	X
CO2	X	X	X	X
CO3	X	X	X	
CO4	X	X		

COURSE OUTCOME: PGDDTN -03 Clinical and Therapeutic Nutrition

CO1: Introduction to Medical Nutrition Therapy
Adaptation of Therapeutic Diets
Nutritional Management of Infections and Fevers
Medical Nutrition Therapy in Critical Care

CO2: Nutrition During Stress
Nutritional Management of Food Allergies and Food Intolerance
Nutrient and Drug Interaction
Nutrition, Diet and Cancer

CO3: Nutritional Care in Weight Management
Nutritional Management of Eating Disorders

Nutritional Management of Coronary Heart Diseases
 Nutritional Management of Metabolic Diseases-I : Diabetes Mellitus
 Nutritional Management of Metabolic Diseases II – Gout And Inborn Errors of Metabolism
 Nutritional Management of Gastrointestinal Diseases and Disorders

CO4:Nutritional Management in Liver, Gall Bladder and Pancreatic Diseases
 Nutritional Management of Renal Diseases
 Nutritional Management of Neurological Disorders
 Paediatric and Geriatric Nutrition -Special Considerations

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)			
	PO1	PO2	PO3	PO4
CO1	X	X		X
CO2	X	X	X	X
CO3			X	
CO4			X	

COURSE OUTCOME: PGDDTN -04 Nutritional Biochemistry

CO1: Carbohydrates, Lipids and Proteins, Vitamins, Enzymes and Coenzymes

CO2: Digestion, Absorption and Transport of Carbohydrates, Proteins and Lipids.

CO3: Antioxidants, Vitamins and Minerals, Hormones, Inborn Errors of Metabolism.

PGDDTN -05 Institutional Management and Dietetics

CO1: Understand the process of planning, organizing and controlling the management of food and other resources in institutions.

CO2: latest advances in nutrition and food science and food challenges in next millennium.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)			
	PO1	PO2	PO3	PO4
CO1	X		X	X
CO2	X	X		X
CO3	X	X	X	

PGDDTN -06 Food Safety and Quality Auditing

CO1: Management Systems: Auditing and Accreditation, Introduction to Management Systems, Auditing, Standardization and Accreditation.

CO2: ISO 9001:2000: ISO 9001:2000 - An Overview, ISO 9001:2000 – Structure, Clause wise Interpretation of ISO 9001:2000, ISO 9001:2000 - Case Studies.

CO3: ISO 22000:2005: ISO 22000:2005 - An overview, ISO 22000:2005 – Structure, Clause wise Interpretation of ISO 22000:2005, ISO 22000:2005 - Case Studies.

CO4: Laboratory Quality Management System: An Overview and Requirements of ISO 17025, Requirements Specific to Food Testing Laboratories - Physical and Chemical Parameters, Requirements Specific to Food Testing Laboratories - Biological Parameters, General Topics: Related to Food Testing Laboratories.

CO5: Retailer Standards: BRC Food and BRC/IOP Standards - An Overview, International Food Standard (IFS), SQF 1000 and SQF 2000, Global GAP and India GAP.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)			
	PO1	PO2	PO3	PO4
CO1	X			X
CO2	X	X	X	
CO3		X	X	X
CO4				

Post Graduate Diploma in Food Safety and Nutritional Quality Management (PGDFSQM)

PROGRAMME OUTCOMES (PO):

After Completion of the PGDFSQM programme learner should be able to:

PO1: Comprehend the issues of safety and quality in food production, handling, processing and trade.

PO2: Build technical proficiency in undertaking in food safety and quality assurance in food processing chain i.e., from farm to fork.

PO3: Ensure the safety and quality of food products as per mandatory legal requirements and voluntary standards including export regulations if required.

PO4: Design and implement

–Good Hygienic Practices (GHP)

–Good Manufacturing Practices (GMP)

–Hazard Analysis and Critical Control Point (HACCP)

–Quality Management Systems (QMS) : ISO 9001

–Food Safety Management Systems (FSMS) ISO 22000

–Laboratory Management System : ISO 17025

–Retail Standards

PO5: Be able to effectively plan, conduct, report and audit as per the guidelines of the ISO19011:2002

PO6: Undertake Standard Microbiological and Chemical analysis of Food Products.

PO7: Apply Good Hygienic, Manufacturing, Laboratory, Transportation and Retail Practices in Food Processing/Hospitality industry and Retail outlets.

Course outcome: PGDFSQM-01 Food Fundamentals & Chemistry

CO1: Introduction to Food Science: Food Basics, Food from Plant Sources, food from Animal Sources, Other Foods.

CO2: Food Chemistry: Water, Carbohydrates, Proteins and Enzymes, Lipids, Vitamins and Minerals, Food Additives.

CO3: Food Analysis: Sampling Techniques of Food Products, Physical and Chemical Analysis of Foods, Instrumentation in Food Analysis, Sensory Evaluation of Food Products.

CO4: Food Processing and Preservation, Introduction to Food Preservation and Processing, Food Packaging, Waste Management in Food Processing Industry.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course outcome: PGDFSQM-02 Food Microbiology

CO1: Fundamentals of Food Microbiology: Introduction to Food Microbiology, Food Contamination and Spoilage, Food Borne Diseases, Beneficial Roles of Micro-Organisms.

CO2: Analytical Techniques in Microbiology, General Techniques of Detection and Enumeration of Micro-organisms in Food, Screening and Enumeration of Spoilage Micro-organisms in Food, Detection of Pathogens in Food, Rapid Detection Technique for Food Micro-organisms.

CO3: Name of Experiment: Introduction to the Basic Microbiology Laboratory Practices, Cleaning and Methods of Sterilization, Cultivation and Sub-culturing of Microbes.

Explain fermentation – its science and technology;

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1		X		X		X	
CO2		X		X		X	
CO3				X		X	X

Course outcome : PGDFSQM-03 Food Laws and Standards

CO1: Indian Food Regulatory Regime, Prevention of Food Adulteration Act and Rules, Food Safety and Quality Requirements, Food Safety and Standard Act, 2006, Essential Commodities Act, 1955.

CO2: Global Scenario, Codex Alimentations Commission (CAC), WTO Implications, Other International Standard Setting Bodies.

CO3: Export and Import Laws and Regulations, FTDR Act, 1992 and Foreign Trade Policy, Export (Quality Control and Inspection) Act, 1963, Export Regulations and Promotion Bodies, Plant and Animal Quarantine, Customs Act and Import Control Regulations

CO4: Other Laws and Standards Related to Foods, Other Laws Related to Food Products, Voluntary National Standards: BIS and AGMARK, National Agencies for Implementation of International Food Laws and Standards, Food Labelling.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X		X	X	X		
CO2			X	X	X		
CO3			X	X	X		
CO4							

Course outcome : PGDFSQM-04 Principles of Food Safety and Quality Management

CO1: Food Safety and Quality Management Systems: Introduction to Food Safety, Food Safety System, Total Quality Management, Project Management

CO2: Risk Analysis, an Introduction to Risk Analysis, Risk Management, Risk Assessment, Risk Communication.

CO3: HACCP: History, Background and Structure of HACCP, HACCP Prerequisites and Good Hygienic Practices, Principles and Implementation of HACCP, Case Studies on HACCP.

CO4: Other Food Safety Practices: Good Agriculture Practices, Good Animal Husbandry Practices and Good Manufacturing Practices, Good Retail Practices, Good Transport Practices and Nutrition Labelling, Traceability Studies.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2							
CO3	X		X	X			

CO4			X	X			
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Course outcome : PGDFSQM-05 Food Safety and Quality Auditing

CO1: Management Systems: Auditing and Accreditation, Introduction to Management Systems, Auditing, Standardization and Accreditation.

CO2: ISO 9001:2000: ISO 9001:2000 - An Overview, ISO 9001:2000 – Structure, Clause wise Interpretation of ISO 9001:2000, ISO 9001:2000 - Case Studies.

CO3: ISO 22000:2005: ISO 22000:2005 - An overview, ISO 22000:2005 – Structure, Clause wise Interpretation of ISO 22000:2005, ISO 22000:2005 - Case Studies.

CO4: Laboratory Quality Management System: An Overview and Requirements of ISO 17025, Requirements Specific to Food Testing Laboratories - Physical and Chemical Parameters, Requirements Specific to Food Testing Laboratories - Biological Parameters, General Topics: Related to Food Testing Laboratories.

CO5: Retailer Standards: BRC Food and BRC/IOP Standards - An Overview, International Food Standard (IFS), SQF 1000 and SQF 2000, Global GAP and India GAP.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1			X	X		X	
CO2	X		X	X	X		
CO3		X	X	X	X		X
CO4			X	X			X

Course outcome : PGDFSQM-06 Chemical Analysis and Quality Assurance

CO1: NAME OF EXPERIMENT: Calibration of Glassware, Preparation of Standard Volumetric Solutions, Determination of Moisture in Food Products by Hot Air Oven-Drying Method, Determination of Moisture in Food Products Using Karl Fischer Titration Method.

CO2: Determination of Moisture in Food Products by Dean and Stark Method, Determination of Protein Content in Food Products By Kjeldahl Method, Determination of Crude Fat in Foods by Soxhlet Extraction Method, Determination of Total Fat in Foods by Rose Gottlieb Method

CO3: Determination of Volatile Oil in Spices, Determination of Starch in Cereal Grains by Acid Hydrolysis Method, Determination of Starch in Cereal Grains by Glucoamylase Method, Determination of Crude Fibre in Food.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1			X		X		X
CO2		X	X	X		X	
CO3	X			X			X
CO4	X					X	

Course outcome : PGDFSQM-07 Institutional Management and Dietetics

CO1: Understand the process of planning, organizing and controlling the management of food and other resources in institutions.

CO2: latest advances in nutrition and food science and food challenges in next millennium.

CO3: Food serving methods, importance of food serving presentation.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X		X		X		
CO2	X	X		X	X	X	
CO3		X	X				
CO4							X

Post Graduate Diploma in Hospital and Public Health Management (PGDHHM)

Programme Code % PGDHHM

Programme Duration (in yrs.) Minimum: 1 Maximum: 3

Medium of instruction % English/Hindi

Assignment Work Essential

Year	Course Code	Title of the Course/ ikB~;Øe dk "kh'kZd	Credits
One Year Course	PGDHHM-01	Introduction to Management I	8
	PGDHHM -02	Introduction to Management II	6
	PGDHHM -03	Organization and Management of Hospital	6
	PGDHHM -04	Clinical, Diagnostic & Therapeutic Services	6
	PGDHHM -05	Support & Utility Services and Risk Management	6
	PGDHHM -06	Health System Management	8

POST GRADUATE DIPLOMA IN HOSPITAL AND HEALTH MANAGEMENT

PROGRAMME OUTCOMES (PO):

After Completion of the PGDHHM programme learner should be able to:

PO1: Acquire theoretical knowledge and develop practical skills to apply scientific approach to management of people, material, finance, communication and for organization work and managing recourses.

PO2: Learn modern management techniques like inventory canal, control, economic order quantity (EOQ) , operational research organisational development, management information system etc.

PO3: Plan in advance how to face the problems of hospital management , learn methods of problems solving and decision making.

PO4: Assess the clinical and non-clinical needs of patient care, understanding the administrative and technical requirements of physicians and paramedical personnel.

PO5: Learn the principles and practices of health management and its interactive roles with the medical care in hospitals.

PO6: Learn to utilise biostatistics in planning and decision making of professional services- review and in medico-administrative research.

PO7: Use the epidemiological techniques to carrying out the study the prevalence of the diseases and its pattern in the community to plan health care services.

Course outcome: PGDHHM- 01 - Introduction to Management I

CO1: General Management, Principles of Management, Functions of Management, Management Techniques, Organisation Structure and Design.

CO2: Human Resource Planning, Human Resource Planning, Recruitment, Selection and induction, Training and Development, Communication.

CO3: Human Resource Management, Motivation,, Union and management , Relations, Wages and salary Administration.

CO4: Practical Manual: Human Resource Development, Decision Making, case Studies.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	x	x		x	x		
CO2	x	x			x		x
CO3	x		x			x	
CO4	x		x			x	x

Course outcome: PGDHHM- 02 - Introduction to Management II

CO1: Financial management; Accounting Concepts and Application, Understanding Cost and their Behaviour Budgeting, Financial Control.

CO2: Marketing And Health Economics, Marketing of health Care Services, Pricing of Services, Health Economics.

CO3: Essentials Of Logistics And Equipment Management; Logistic Management, Inventory Control, Equipment Management-Planning & Procurement, Equipment Management-maintenance, Repair & Disposal.

CO4: Practical manual; Break Even Analysis, preparation of Financial Statement, Manual-Utilisation of Equipment, Manual-inventory Analysis.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	x	x		x		x	
CO2		x		x	x	x	x
CO3	x		x		x		
CO4			x		x		x

Course outcome: PGDHHM-3 Organization and Management of Hospital

CO1: Overview of Hospital System, Evolution and Classification of Hospitals, Hospital Organisation, Role of Hospitals, Role of Hospital Administration.

CO2: Challenges in Hospital Management; present Hospital Scenario, Management Orientation, public Relations and image of Hospital, Legal Aspects and Consumer Protection, Fundamentals of Quality Management, Research in Hospital Administration.

CO3: hospital Engineering Services, Basic Engineering Services, Allied Engineering Services, Engineering Hazards.

CO4: Practical Manual; Organisational Analysis, Patient Satisfaction Studies.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	x	x		x	x		x
CO2	x	x	x	x		x	x
CO3	x		x			x	
CO4	x		x			x	

Course outcome: PGDHHM-04- Clinical, Diagnostic & Therapeutic Services

CO1: Clinical Services-I, Outpatient Services, Accident and Emergency Services, Intensive Care Unit

CO2: Clinical Services-II: Inpatient Services, Nursing, Organisation and Administration, Ward Management and Nursing, Physical Medicine and Rehabilitation.

CO3: Diagnostic and Therapeutic Services, Laboratory Services, Radio diagnosis and imaging Services, Radiation hazards, Blood Transfusion Services, Pharmacy Services

CO4: practical manual: Problems in OPD, Emergency Procedures, Quality Control Study in Laboratory.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	x			x			
CO2	x				x		
CO3	x	x	x		x	x	x
CO4	x	x	x			x	x

Course outcome: PGDHHM-05 Support & Utility Services and Risk Management

CO1: Support And Utility Services-I, Sterile Supply Services in Hospitals Medical Record Department, Linen and laundry Services, Dietary Services, House Keeping Service

CO2: Support and utility Services, Mortuary Services, Transportation, Sanitation and Waste Management

CO3: Safety And Risk Management, Hospital Acquired Infection (HAI), Disaster Management, Security, Organisation and management, Engineering Hazards.

CO4: Practical Manual: Organisational Analysis, Patient Satisfaction Studies.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	x		x		x	x	
CO2		x	x	x	x	x	
CO3	x	x		x	x		x
CO4	x			x			x

Course outcome: PGDHHM-06 Health System Management

CO1:Community health, Concept in Community Health, Health for all and Primary Health Care, Basics of Epidemiology & Biostatistics Occupational Health, Health insurance.

CO2: System In India, Overview of Health Care Delivery System, Holistic Approach to Health, Health and Population, Policy and Strategies, District Health Organisation, Regionalization of Health Care

CO3: National Health Programmes, Programme Related to Communicable Diseases, Programme Related to Non-communicable Diseases, Reproductive and Child Health, programme Health Related Programmes.

CO4: Practical Manual: Guidelines for visit-to sub-centre, PHC, CHC, District HQ, Epidemiological Investigation of an outbreak of Food poisoning

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	x		x		x	x	
CO2	x		x	x	x		x
CO3		x		x			x
CO4	x	xx				x	

PGDYO

Programme Outcome

Po1:- To Provide deeper insight into the curriculum of yogic science along with therapeutic application of yoga and alternative therapies.

Po2:- To aware learner about interconnection between the body the breath, the mind and the emotions in the context of maintain resilience and well being.

Po3:- To create professional yoga teacher/instructor of high calibre.

Po4:- To provide practical knowledge of the subject through Aasans, pranayams, bandhs and meditation.

Po5:- To promote positive health in the learner though yoga.

Po6:- To make aware the learner different nutrient and importance of yoga and food for healthy living.

PGDYO-01	Co1	<p>Fundamentals of Yoga course Objectives</p> <ol style="list-style-type: none"> 1- To develop self discipline and self control. 2- To enable the student to have good health. 3- To integrate moral values. 4- To attain higher level of consciousness. 5- To possess emotional stability. 6- To develop practical skills in learner through different Aasans like Shirsasan, Sarvangasan etc.
PGDYO-02	Co2	<p>Human life science and yoga Course Objectives-</p> <ol style="list-style-type: none"> 1- To introduce students to the physiological concepts of homeostasis and control mechanisms. 2- To study the functions of human body systems with emphasis on yogic relevance. 3- To aware the students about the functions and hormones secreted by endocrine glands. 4- To enable learners to know the impact of various yogic activities on different systems of human body.
PGDYO-03	Co3	<p>Yoga Therapy and natural Therapy Course Objectives-</p> <ol style="list-style-type: none"> 1- To analyse breath posture gait and various yoga poses. 2- To aware students about various yogic activates essential for the remedy of various life threatening diseases.

		<p>3- Acquire theoretical knowledge and practical skills to apply natural therapy in different kinds of diseases.</p> <p>4- To aware students about the significances of yoga therapy and nature therapy in our day to day life.</p>
PGDYO - 04	Co4	<p>Health Routine and diet Therapy</p> <p>Course Objectives-</p> <p>1- To find out strengths and weaknesses present in an individual's life.</p> <p>2- To help the person learn how to make healthy food choice.</p> <p>3- To impart knowledge about different nutrient that should be included to make our diet balance as well as appropriate to the requirements of human body and system.</p> <p>4- To know the impact of different weathers on health as well as on food.</p> <p>5- To create awareness about therapeutic aspects of nutrition.</p>
PGDYO-05	Co5	<p>Philosophy of Yoga</p> <p>Course Objectives-</p> <p>1- To cultivate discernment, awareness, self regulation and higher consciousness in the individual.</p> <p>2- To attain perfect equilibrium and harmony.</p> <p>3- To Reduces stress and tension in the human body by activating the parasympathetic Nervous system.</p> <p>4- To enhance self concept and self power.</p>

PGDYO

Course Mapping

Po	1	2	3	4	5	6
Co1		*	*	*		
Co2	*	*				
Co3			*		*	
Co4	*		*		*	*
Co5		*	*	*		
Co6						

उपभोक्ता संरक्षण में स्नातकोत्तर डिप्लोमा (PGDCP)

कार्यक्रम का उद्देश्य/PO

- वैश्वीकरण एवं उदारीकरण के युग में उपभोक्ता कल्याण के राष्ट्रीय और अन्तर्राष्ट्रीय आयामों को समझ सकेंगे।
- उपभोक्ता के रूप में अधिकारों एवं दायित्वों को समझ कर शिक्षित एवं जागरूक उपभोक्ता बन सकेंगे।
- सुशासन की संस्कृति को बढ़ावा देने के लिए उपभोक्ता संरक्षण कानून और व्यवहार के महत्व को समझ सकेंगे।
- उपभोक्ता संरक्षण के क्षेत्र में जटिल समस्याओं के समाधान के लिए समीक्षात्मक विश्लेषण मूल्यांकन और जानकारी प्राप्त कर सकेंगे।
- उपभोक्ता संरक्षण के क्षेत्र में एक व्यवसायिक अथवा शिक्षार्थी के रूप में ज्ञान और कौशल को प्राप्त कर सकेंगे।

इस पाठ्यक्रम के पश्चात् शिक्षार्थी उपभोक्ता मामलों में, स्वैच्छिक उपभोक्ता संगठनों तथा सरकारी विभागों के साथ उपभोक्ता कार्यकर्ता के रूप में कार्य कर सकते हैं।

CO

- शिक्षार्थी उपभोक्ता कल्याण के बारे में जान सकेंगे।
- शिक्षार्थी उपभोक्ता के अधिकारों एवं दायित्वों को जान सकेंगे।
- शिक्षार्थी उपभोक्ता कानून के बारे में जान सकेंगे।
- शिक्षार्थी उपभोक्ता की जटिल समस्याओं को जान सकेंगे।
- शिक्षार्थी व्यवसायिक ज्ञान एवं कौशल के बारे में जान सकेंगे।

Course Outcome	Programme Outcome				
	PO1	PO2	PO3	PO4	PO5
CO-01	*				
CO-02		*			
CO-03			*		
CO-04				*	
CO-05					*

AOCED – Export Procedures and Documentation

Course Outcome:

- CO1 To make learners aware about the concept of export procedure and documentation
- CO2 To make learners enhance their capabilities and skills
- CO3 To make learners aware with best practices adopted in the industry
- CO4 To develop new skills in the learners needed in the industry.
- CO 5 To provide practical knowledge of the subject.

AOCMK – Marketing

Course Outcome:

- CO₁ Evaluate the significance of marketing.
- CO₂ Analyze the relationships between marketing management and the political, economic, legal and social policies and its impact on business.
- CO₃ Identify the role and significance of various elements of marketing mix.
- CO₄ To evaluate the role and relevance of marketing organization in current marketing conditions.
- CO₅ Understanding the marketing concepts in global environment. and its relevance.

AOCOM – Office Organization and Management

Course Outcome:

- CO1 To make learners aware about the concept of office organisation and management
- CO2 To make learners enhance their capabilities and skills
- CO3 To make learners aware with best practices adopted in the industry
- CO4 To develop new skills in the learners needed in the industry.
- CO 5 To provide practical knowledge of the subject.

AOCSP

Course Outcome:

- CO1 To make learners aware about the concept of Secretarial Practices
- CO2 To make learners enhance their capabilities and skills
- CO3 To make learners aware with best practices adopted in the industry
- CO4 To develop new skills in the learners needed in the industry.
- CO 5 To provide practical knowledge of the subject

Post Graduate Diploma in Agricultural Extension (PGDAE)

Course Structure:

Course Code	Title of the Course	Credit
Semester-I		
PGDAE-01	Principles and Practices in Distance Education	8
PGDAE-02	Agricultural Extension and Farm Journalism	8
PGDAE-03	Agricultural communication and Mass Media	8
Total Credits		24
Semester-II		
PGDAE -04	Agricultural Information Technology	8
PGDAE-05	Research Methods & Statistical Analysis	8
PGDAE-06	Field Practical	8
Total Credits		24
Total Credits in both the semesters		48

Program Objectives:

The educational objectives of the PGDAE program is to develop Scientific and Research minded human resource / personnel to handle new challenges of using Information Communication Technologies in Agricultural Development, while working in the Department of Agriculture, Krishi Vigyan Kendras, Zilla Parishads, Nationalized Banks, Rural Development Banks, Non-Governmental Organizations, State Agricultural Universities and the other organizations of this kind. Other associated objectives of this programme are:

1. To produce knowledgeable and technically sound persons who can work in the field of agricultural extension.
2. Make the learners able to gain new and exclusive knowledge about the extension related works.
3. To prepare the learners to take up a step towards acquisition of job oriented skills.
4. To make learners able for the further studies and researches.

Programme Outcomes (PO)

PO1:	To imbibe strong foundation of extension in learners. To familiarize the learners with basic concepts of extension. To update learners with extension methods that could affect the farmers' mindset. To strengthen learners' knowledge of basics of data analysis. To promote application-oriented pedagogy by exposing learners to the facts of real world and prepare them to carry out research and development work.
PO 2:	To make learners aware of the merits of distance mode of education so that they may interact a large number of stakeholders even from distant places. To inculcate effective communication skill in the learners so that they may establish a platform for two way communication with the farmers. To get an ability to convince the farmers regarding adoption of a new technology and get the feedback from them.
PO 3:	To make learner able to understand the peculiarities of agricultural information. To impart the knowledge about technology of dissemination and diffusion of information. To explain the role of modern information communication technology in agricultural extension.
PO 4:	To explain the learners basics of agricultural and rural journalism. To explain how agricultural journalism is different from others.

PO 5:	To give the knowledge about research, research methodologies, its types, sampling theory and methods of data collection. To provide scientific approaches to develop the domain of human knowledge through empirical studies. To enable the learner researchers to understand basic concepts and aspects related to research, data collection, analyses and interpretation.
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Course Outcomes

PGDAE-01 Principles and Practices in Distance Education

CO1	Learner will be able to get aware of the concept practices and scope of distance learning system. He will be able to use the tools and method of distance learning in his own learning.
CO2	Learner will be able to understand the differences between conversational and open learning system. He will be able to apply the same in educating the farmers or group of farmers working at distance places.
CO3	Learners will be able to understand the problems, challenges in distance learning system.
CO4	He will be learn absent the methods of assessing the impact of his efforts on farmers, extent of adoption and get the feedback from them for further information in his efforts.

Mapping of CO to PO

Program Outcomes (PO):	Course Outcomes (CO)			
	CO1	CO2	CO3	CO4
PO 1	✓			✓
PO2	✓	✓	✓	✓
PO3	✓	✓	✓	
PO4		✓	✓	
PO5			✓	✓

PGDAE-02 Agricultural Extension and Farm Journalism

CO1	Learner will be able to understand the concepts and scope of Journalism and source of information.
CO2	This course impact the knowledge about peculiarity of rural and agricultural journalism.
CO3	Learner will gain sufficient knowledge about challenges and constraints in farm journalism.
CO4	This course provides the knows how about the editing of raw information collected from the field and awaking them liable to be catered to farmers in desired ways.

Mapping of CO to PO

Program Outcomes (PO):	Course Outcomes (CO)			
	CO1	CO2	CO3	CO4
PO 1	✓	✓	✓	✓
PO2	✓	✓	✓	✓
PO3	✓	✓	✓	✓
PO4	✓	✓	✓	✓

	PO5	✓	✓	✓	✓	
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PGDAE-03**Agricultural communication and Mass Media**

CO1	This course explains the concept of communication and mass media. The communication technology and role of media.
CO2	Under this course learner will able to understand in dissemination and diffusion of information.
CO3	Learner will able to understand the role mass media in communication of agricultural information specially related to technology.
CO4	Learner will able to analysis the performance of modern communication technology.

Mapping of CO to PO

Program Outcomes (PO):	Course Outcomes (CO)			
	CO1	CO2	CO3	CO4
PO 1	✓	✓	✓	✓
PO2	✓	✓	✓	
PO3	✓	✓	✓	✓
PO4		✓	✓	✓
PO5		✓	✓	✓

PGDAE-04**Agricultural Information Technology**

CO1	Learners will be able to understand the concept and peculiarities of information in agricultural sector and hence need of a specific technology.
CO2	Learners will be able to know the methods of collecting such information from the field.
CO3	Methods of analysis are also explained in this course.
CO4	Learner will be able to apply such technology in the organization he or will be working.

Mapping of CO to PO

Program Outcomes (PO):	Course Outcomes (CO)			
	CO1	CO2	CO3	CO4
PO 1	✓	✓	✓	✓
PO2	✓	✓	✓	✓
PO3	✓	✓	✓	
PO4	✓	✓		✓
PO5			✓	✓

PGDAE-05**Research Methodology & Statistical Analysis**

CO1	Learner will get the knowledge of Meaning and Types of Research, Significance of Research, Research Problems. He will be able to use statistical tools such as correlation, inter and intra class correlation, regression etc.
CO2	Learner will able to understand theory of Sampling, Different Types of Sampling Designs.
CO3	In this course, learner will be able to get the knowledge of the Methods of Data Collection, classification analysis and Techniques of Interpretation.
CO4	This course also provides the knowledge about Scaling technique. Scale Construction and test of hypotheses.

Mapping of CO to PO

Program Outcomes (PO):	Course Outcomes (CO)			
	CO1	CO2	CO3	CO4
PO 1	✓	✓	✓	✓
PO2				
PO3				
PO4				
PO5	✓	✓	✓	✓

PGDAE-06**Field Practical**

CO1	Practical related to Extension practices.
CO2	Practical related to Farm Journalism.
CO3	Practical related information and communication technology.
CO4	Practical related to the collection and analysis of statistical information and their interpretation.

Mapping of CO to PO

Program Outcomes (PO):	Course Outcomes (CO)			
	CO1	CO2	CO3	CO4
PO 1	✓	✓	✓	✓
PO2	✓	✓	✓	
PO3	✓	✓		
PO4	✓	✓		
PO5			✓	✓

MBA

Programme Outcome

PO1 :- To strengthen stake holder for enrichment of knowledge and skill development.

PO2 :- To aware learners and explore new development in the area of commerce and management.

PO3 :- To make learners aware with new rules and regulations adopted by the industry made by the government

PO4 :- To develop management skills and develop leadership qualities.

PO5 :- To make learners aware of best practices adopted the field of management and commerce.

PO6 :- To provide practical knowledge of the subject through industrial training

Course Code	Title of Course
MBA-1.1	CO1 Management Functions and Behaviour Course Objective: CO 1 To make learners aware of Behaviour functions CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with the Emotional Intelligence CO4 To develop management skills and develop leadership qualities.
MBA-1.2	CO2 Managing Men Course Objective: CO1 To make learners aware of Human Resource practices CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted in the industry in the field of HRM. CO4 To develop new skills in the learners needed in the industry.
MBA-1.3	CO3 Economic and Social Environment Course Objective: CO1 To make learners aware of Economic and social environment of business and industry CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted in the industry CO 4 To make learners aware with new rules and regulations adopted by the industry made by the government CO 5 To develop new skills in the learners needed in the industry.
MBA-1.4	CO4 Quantitative Analysis and Managerial Application Course Objective: CO 1 To make learners aware of statistical techniques. CO 2 To make learners enhance their capabilities and skills needed for decision making. CO 3 To make learners aware with the basic statistical tools and its usefulness in decision making CO 4 To make learners enhance their skills CO 5 To develop analytical skills of learners. CO 5 To provide practical knowledge of the subject
MBA-1.5	CO5 Organization Design, Development and Change Course Objective: CO 1 To make learners aware of Organization Design, Development and Change CO 2 To make learners enhance their capabilities and skills for development and change in organisation CO 3 To make learners aware with the Emotional Intelligence CO 4 To develop management skills and develop leadership qualities.
MBA-1.6	CO6 Marketing for Managers Course Objective:

		<p>CO 1 To make learners aware of Marketing practices</p> <p>CO 2 To make learners enhance their capabilities and skills</p> <p>CO 3 To make learners aware with best practices adopted in the industry in the field of Marketing management</p> <p>CO 4 To develop new skills in the learners needed in the industry.</p>
MBA-2.1	CO7	<p>Information Management and Computers</p> <p>Course Objective:</p> <p>CO 1 To make learners aware of Information Management and Computers practices</p> <p>CO 2 To make learners enhance their capabilities and skills</p> <p>CO 3 To make learners aware with best practices adopted in the industry in the field of IT.</p> <p>CO 4 To develop new skills in the learners needed in the industry.</p> <p>CO 5 To develop analytical skills of learners.</p> <p>CO 6 To provide practical knowledge of the subject</p>
MBA-2.2	CO8	<p>Managerial Economics</p> <p>Course Objective:</p> <p>CO 1 To make learners aware of managerial economics.</p> <p>CO 2 To make learners enhance their capabilities and skills by knowing various laws given by economist.</p> <p>CO 3 To make learners aware with best practices adopted in the industry in the field of economics.</p> <p>CO 4 To develop new skills in the learners needed in the industry.</p> <p>CO 5 To develop analytical skills of learners.</p> <p>CO 6 To provide practical knowledge of the subject</p>
MBA-2.3	CO9	<p>Accounting and Finance for Managers</p> <p>Course Objective:</p> <p>CO 1 To make learners aware of Financial and accounting practices</p> <p>CO 2 To make learners enhance their capabilities and skills</p> <p>CO 3 To make learners aware with best practices adopted in the industry in the field of accounting and finance.</p> <p>CO 4 To make learners aware with new rules and regulations adopted by the industry made by the government</p> <p>CO 5 To provide practical knowledge of the subject</p> <p>CO6 To develop analytical skills of learners.</p>
MBA-2.4	CO 10	<p>Management of Machines and Materials</p> <p>Course Objective:</p> <p>CO 1 To make learners aware of Management of Machines and Materials</p> <p>CO 2 To make learners enhance their capabilities and skills</p> <p>CO 3 To make learners aware with best practices adopted in the industry in the field of production and operations management.</p> <p>CO 4 To make learners aware with new rules and regulations adopted by the industry made by the government</p> <p>CO 5 To provide practical knowledge of the subject</p> <p>CO 6 To develop analytical skills of learners.</p>
MBA-2.5	CO11	<p>Sales Management</p> <p>Course Objective:</p> <p>CO1 To make learners aware of Sales and Marketing practices</p> <p>CO2 To make learners enhance their capabilities and skills</p> <p>CO3 To make learners aware with best practices adopted in the industry in the field of Marketing and sales management</p> <p>CO4 To develop new skills in the learners needed in the industry.</p>
MBA-2.6	CO12	<p>Management Control System</p> <p>Course Objective:</p> <p>CO1 To make learners aware of Management Control System</p> <p>CO2 To make learners enhance their capabilities and skills</p> <p>CO3 To make learners aware with best practices adopted in the industry in the field of IT</p>

		<p>and its use in MCS.</p> <p>CO4 To develop new skills in the learners needed in the industry.</p> <p>CO5 To develop analytical skills of learners.</p>
MBA-3.1	CO13	<p>Corporate Policies and Practices</p> <p>Course Objective:</p> <p>CO1 To make learners aware of Corporate Policies and Practices</p> <p>CO2 To make learners enhance their capabilities and skills</p> <p>CO3 To make learners aware with best practices adopted in the industry in the field of strategic management.</p> <p>CO4 To make learners aware with new rules and regulations adopted by the industry made by the government</p> <p>CO5 To develop competitive skills in the learners and make them leaders who can works as strategist in the industry.</p> <p>CO6 To develop analytical skills of learners.</p> <p>CO7 To provide practical knowledge of the subject</p>
MBA-3.2	CO14	<p>Management of New and Small enterprises</p> <p>Course Objective:</p> <p>CO1 To make learners aware of Management of New and Small enterprises.</p> <p>CO2 To make learners enhance their capabilities and skills by knowing various laws related towards the field.</p> <p>CO3 To make learners aware with best practices adopted in the industry in the field of Management of New and Small enterprises.</p> <p>CO4 To develop new skills in the learners needed in the industry.</p> <p>CO5 To develop analytical skills of learners.</p> <p>CO6 To provide practical knowledge of the subject</p>
MBA-3.11	CO15	<p>Human Resource Development</p> <p>Course Objective:</p> <p>CO1 To make learners aware of Human Resource practices</p> <p>CO2 To make learners enhance their capabilities and skills</p> <p>CO3 To make learners aware with best practices adopted in the industry in the field of HRM.</p> <p>CO4 To develop new skills in the learners needed in the industry.</p>
MBA-3.12	CO16	<p>Human Resource Planning</p> <p>Course Objective:</p> <p>CO1 To make learners aware of Human Resource practices</p> <p>CO2 To make learners enhance their capabilities and skills</p> <p>CO3 To make learners aware with best practices adopted in the industry in the field of HRM.</p> <p>CO4 To develop new skills in the learners needed in the industry.</p>
MBA-3.13	CO17	<p>Union Management Relations</p> <p>Course Objective:</p> <p>CO1 To make learners aware of Union Management Relations practices</p> <p>CO2 To make learners enhance their capabilities and skills</p> <p>CO3 To make learners aware with best practices adopted in the industry in the field of HRM.</p> <p>CO4 To develop new skills in the learners needed in the industry.</p> <p>CO5 To make learners aware with new rules and regulations adopted by the industry made by the government</p>
MBA-3.14	CO18	<p>Managing Change in Organization</p> <p>Course Objective:</p> <p>CO1 To make learners aware of Organization Design, Development and Change</p> <p>CO2 To make learners enhance their capabilities and skills for development and change in organisation</p> <p>CO3 To make learners aware with the Emotional Intelligence</p> <p>CO4 To develop management skills and develop leadership qualities.</p>

MBA-3.21	CO19	<p>Project Management</p> <p>Course Objective:</p> <p>CO1 To make learners aware of Project Management techniques.</p> <p>CO2 To make learners enhance their capabilities and skills needed for decision making.</p> <p>CO3 To make learners aware with the basic statistical tools and its usefulness in decision making</p> <p>CO4 To make learners enhance their skills</p> <p>CO5 To develop analytical skills of learners.</p> <p>CO6 To provide practical knowledge of the subject</p>
MBA-3.22	CO20	<p>Security Analysis and Portfolio Management</p> <p>Course Objective:</p> <p>CO 1 To make learners aware of Security Analysis and Portfolio Management</p> <p>CO 2 To make learners enhance their capabilities and skills</p> <p>CO 3 To make learners aware with best practices adopted in the industry in the field of accounting and finance.</p> <p>CO 4 To make learners aware with new rules and regulations adopted by the industry made by the government</p> <p>CO 5 To develop new skills in the learners needed in the industry.</p> <p>CO 6 To develop analytical skills of learners.</p> <p>CO 7 To provide practical knowledge of the subject</p>
MBA-3.23	CO21	<p>International Financial Management</p> <p>Course Objective:</p> <p>CO1 To make learners aware of International Financial Management practices</p> <p>CO2 To make learners enhance their capabilities and skills</p> <p>CO3 To make learners aware with best practices adopted in the industry in the field of accounting and finance.</p> <p>CO4 To make learners aware with new rules and regulations adopted by the industry made by the government</p> <p>CO5 To develop new skills in the learners needed in the industry.</p> <p>CO6 To develop analytical skills of learners.</p>
MBA-3.24	CO22	<p>Management of Financial Services</p> <p>Course Objective:</p> <p>CO1 To make learners aware of Financial and accounting practices</p> <p>CO2 To make learners enhance their capabilities and skills</p> <p>CO3 To make learners aware with best practices adopted in the industry in the field of accounting and finance.</p> <p>CO4 To make learners aware with new rules and regulations adopted by the industry made by the government</p> <p>CO5 To develop new skills in the learners needed in the industry.</p> <p>CO6 To develop analytical skills of learners.</p>
MBA-3.31	CO23	<p>Operational Research</p> <p>Course Objective:</p> <p>CO1 To make learners aware of statistical techniques.</p> <p>CO2 To make learners enhance their capabilities and skills needed for decision making.</p> <p>CO3 To make learners aware with the basic statistical tools and its usefulness in decision making</p> <p>CO4 To make learners enhance their skills</p> <p>CO5 To develop analytical skills of learners.</p> <p>CO6 To provide practical knowledge of the subject</p>
MBA-3.32	CO24	<p>Production Management</p> <p>Course Objective:</p> <p>CO1 To make learners aware of Production Management</p> <p>CO2 To make learners enhance their capabilities and skills</p> <p>CO3 To make learners aware with best practices adopted in the industry in the field of production and operations management.</p> <p>CO4 To develop new skills in the learners needed in the industry.</p>

		CO5 To develop analytical skills of learners. CO6 To provide practical knowledge of the subject
MBA-3.33	CO25	Management Information System Course Objective: CO1 To make learners aware of Management Information System CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted in the industry in the field of IT and its use in MIS. CO4 To develop new skills in the learners needed in the industry. CO5 To develop analytical skills of learners. CO6 To provide practical knowledge of the subject
MBA-3.34	CO26	Total Quality Management Course Objective: CO1 To make learners aware of Total Quality Management CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted in the industry in the field of IT and its use in TQM. CO4 To develop new skills in the learners needed in the industry. CO5 To develop analytical skills of learners. CO6 To provide practical knowledge of the subject
MBA-3.41	CO27	Consumer Behaviour Course Objective: CO 1 To make learners aware of Consumer Behaviour CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted in the industry in the field of Consumer Behaviour CO 4 To develop new skills in the learners needed in the industry.
MBA-3.42	CO28	Management of Marketing Communication and Advertising Course Objective: CO 1 To make learners aware of Management of Marketing Communication and Advertising CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted in the industry in the field of Management of Marketing Communication and Advertising CO 4 To develop new skills in the learners needed in the industry. CO5 To provide practical knowledge of the subject
MBA-3.43	CO29	International Marketing Course Objective: CO 1 To make learners aware of International Sales and Marketing practices CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted in the industry in the field of International Marketing CO 4 To develop new skills in the learners needed in the industry.
MBA-3.44	CO30	Marketing Research Course Objective: CO 1 To make learners aware of Marketing Research techniques. CO 2 To make learners enhance their capabilities and skills needed for decision making. CO 3 To make learners aware with the basic statistical tools and its usefulness in decision making CO4 To make learners enhance their skills CO 5 To develop analytical skills of learners. CO6 To provide practical knowledge of the subject
MBA-4.1	CO31	International Business

		<p>Course Objective:</p> <p>CO 1 To make learners aware of International Business.</p> <p>CO 2 To make learners enhance their capabilities and skills needed for decision making.</p> <p>CO 3 To make learners enhance their skills</p> <p>CO 5 To develop analytical skills of learners.</p> <p>CO6 To provide practical knowledge of the subject</p>
MBA-4.2	CO32	<p>Research Methodology</p> <p>Course Objective:</p> <p>CO 1 To make learners aware of statistical techniques used in research.</p> <p>CO 2 To make learners enhance their capabilities and skills needed for decision making.</p> <p>CO 3 To make learners aware with the basic statistical tools and its usefulness in decision making</p> <p>CO 4 To make learners enhance their skills</p> <p>CO 5 To develop analytical skills of learners.</p> <p>CO6 To provide practical knowledge of the subject</p>
MBA-4.3	CO33	<p>Strategic Management</p> <p>Course Objective:</p> <p>CO1 To make learners aware of Strategic Management</p> <p>CO2 To make learners enhance their capabilities and skills</p> <p>CO 3To make learners aware with best practices adopted in the industry in the field of strategic management.</p> <p>CO 4 To make learners aware with new rules and regulations adopted by the industry made by the government</p> <p>CO 5 To develop competitive skills in the learners and make them leaders who can works as strategist in the industry.</p> <p>CO 6 To develop analytical skills of learners.</p> <p>CO7 To provide practical knowledge of the subject</p>
MBA-4.4	CO34	<p>Technology Management</p> <p>Course Objective:</p> <p>CO 1 To make learners aware of Technology Management</p> <p>CO 2 To make learners enhance their capabilities and skills</p> <p>CO 3 To make learners aware with best practices adopted in the industry in the field of IT.</p> <p>CO 4To develop new skills in the learners needed in the industry.</p> <p>CO 5 To develop analytical skills of learners.</p> <p>CO6 To provide practical knowledge of the subject</p>
MBA-4.5	CO35	<p>Industrial Training and Report Submission</p> <p>Course Objective:</p> <p>CO 1 To make learners aware of industry and its working</p> <p>CO 2 To make learners enhance their practical capabilities and skills</p> <p>CO 3 To make learners aware with best practices adopted in the industry.</p> <p>CO 4To develop new skills in the learners needed in the industry.</p> <p>CO 5 To develop analytical skills of learners.</p> <p>CO6 To provide practical knowledge of the subject</p>
MBA-4.6	CO36	<p>Comprehensive Viva-voce</p> <p>Course Objective:</p> <p>CO 1 To make learners aware of all the subject taught in MBA</p> <p>CO 2 To make learners enhance their communication skills</p> <p>CO 3 To make learners enhance their motivation level</p> <p>CO 4To develop analytical skills of learners.</p> <p>CO5 To provide practical knowledge of the subject</p>
PGFGS OR PGFHR	CO37	<p>Gandhian Thoughts &Peace Studies</p> <p>OR</p> <p>Human Right and Duties</p>

MBA

COURSE MAPING

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	*	*		*	*	
CO2	*	*		*	*	
CO3	*	*	*	*	*	
CO4	*	*		*	*	*
CO5	*	*		*	*	
CO6	*	*		*	*	
CO7	*	*	*	*	*	*
CO8	*	*	*	*	*	*
CO9	*	*	*	*	*	*
CO10	*	*		*	*	*
CO11	*	*		*	*	
CO12	*	*		*	*	
CO13	*	*	*	*	*	*
CO14	*	*	*	*	*	*
CO15	*	*		*	*	
CO16	*	*		*	*	
CO17	*	*	*	*	*	
CO18	*	*		*	*	
CO19	*	*	*	*	*	
CO20	*	*	*	*	*	*
CO21	*	*	*	*	*	
CO22	*	*	*	*	*	
CO23	*	*	*	*	*	*
CO24	*	*	*	*	*	
CO25	*	*	*	*	*	
CO26	*	*	*	*	*	
CO27	*	*		*	*	
CO28	*	*	*	*	*	
CO29	*	*	*	*	*	
CO30	*	*	*	*	*	*
CO31	*	*	*	*	*	*
CO32	*	*	*	*	*	*
CO33	*	*	*	*	*	*
CO34	*	*	*	*	*	*
CO35	*	*	*	*	*	*
CO36	*	*	*	*	*	*
CO37	*	*	*	*	*	

PGDHRD

Programme Outcome

PO1 :- To strengthen stake holder for enrichment of knowledge and skill development.

PO2 :- To aware learners and explore new development in the area of commerce and management.

PO3 :- To make learners aware with new rules and regulations adopted by the industry made by the government

PO4 :- To develop management skills and develop leadership qualities.

PO5 :- To make learners aware of best practices adopted the field of management and commerce.

PO6 :- To provide practical knowledge of the subject through industrial training

PGDHRD01	CO15	<p>Managing Men</p> <p>Course Objective:</p> <p>CO1 To make learners aware of Human Resource practices</p> <p>CO2 To make learners enhance their capabilities and skills</p> <p>CO3 To make learners aware with best practices adopted in the industry in the field of HRM.</p> <p>CO4 To develop new skills in the learners needed in the industry.</p>
PGDHRD02	CO16	<p>Organization Design, Development and Change</p> <p>Course Objective:</p> <p>CO 1 To make learners aware of Organization Design, Development and Change</p> <p>CO 2 To make learners enhance their capabilities and skills for development and change in organisation</p> <p>CO 3 To make learners aware with the Emotional Intelligence</p> <p>CO 4 To develop management skills and develop leadership qualities.</p>
PGDHRD03	CO17	<p>Human Resource Development</p> <p>Course Objective:</p> <p>CO1 To make learners aware of Human Resource practices</p> <p>CO2 To make learners enhance their capabilities and skills</p> <p>CO3 To make learners aware with best practices adopted in the industry in the field of HRM.</p> <p>CO4 To develop new skills in the learners needed in the industry.</p>
PGDHRD04	CO18	<p>Union Management Relations</p> <p>Course Objective:</p> <p>CO1 To make learners aware of Union Management Relations practices</p> <p>CO2 To make learners enhance their capabilities and skills</p> <p>CO3 To make learners aware with best practices adopted in the industry in the field of HRM.</p> <p>CO4 To develop new skills in the learners needed in the industry.</p> <p>CO5 To make learners aware with new rules and regulations adopted by the industry made by the government</p>
PGDHRD 05	CO05	<p>Human Resource Planning</p> <p>Course Objective:</p> <p>CO1 To make learners aware of Human Resource practices</p> <p>CO2 To make learners enhance their capabilities and skills</p> <p>CO3 To make learners aware with best practices adopted in the industry in the field of HRM.</p> <p>CO4 To develop new skills in the learners needed in the industry.</p>

Course Mapping

CO01	*	*		*	*	
CO02	*	*		*	*	
CO03	*	*	*		*	
CO04	*	*		*	*	*
CO05	*		*	*	*	

PGDFM

Programme Outcome

PO1 :- To strengthen stake holder for enrichment of knowledge and skill development.

PO2 :- To aware learners and explore new development in the area of commerce and management.

PO3 :- To make learners aware with new rules and regulations adopted by the industry made by the government

PO4 :- To develop management skills and develop leadership qualities.

PO5 :- To make learners aware of best practices adopted the field of management and commerce.

PO6 :- To provide practical knowledge of the subject through industrial training

PGDFM 01	CO1	Capital investment and Financial Decisions Course Objective: CO1 To make learners aware of Project Management techniques. CO2 To make learners enhance their capabilities and skills needed for decision making. CO3 To make learners aware with the basic statistical tools and its usefulness in decision making CO4 To make learners enhance their skills CO5 To develop analytical skills of learners. CO6 To provide practical knowledge of the subject
PGDFM 02	CO 2	Management Control System Course Objective: CO1 To make learners aware of Management Control System CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted in the industry in the field of IT and its use in MCS. CO4 To develop new skills in the learners needed in the industry. CO5 To develop analytical skills of learners.
PGDFM 03	CO 3	Security Analysis and Portfolio Management Course Objective: CO 1 To make learners aware of Security Analysis and Portfolio Management CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted in the industry in the field of accounting and finance. CO 4 To make learners aware with new rules and regulations adopted by the industry made by the government CO 5 To develop new skills in the learners needed in the industry. CO 6 To develop analytical skills of learners. CO 7 To provide practical knowledge of the subject
PGDFM 04	CO 4	International Financial Management Course Objective: CO1 To make learners aware of International Financial Management practices CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted in the industry in the field of accounting and finance. CO4 To make learners aware with new rules and regulations adopted by the industry made by the government CO5 To develop new skills in the learners needed in the industry. CO6 To develop analytical skills of learners.
PGDFM 05	CO5	Management of Financial Services Course Objective: CO1 To make learners aware of Financial and accounting practices CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted in the industry in the field of accounting and finance.

		CO4 To make learners aware with new rules and regulations adopted by the industry made by the government CO5 To develop new skills in the learners needed in the industry. CO6 To develop analytical skills of learners.
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PGDFM
Course Mapping

CO01	*	*	*	*	*	*
CO02	*	*	*	*	*	*
CO03	*	*	*	*	*	*
CO04	*	*	*	*	*	*
CO05	*	*	*	*	*	*

PGDPM

Programme Outcome

- PO1 :- To strengthen stake holder for enrichment of knowledge and skill development.
 PO2 :- To aware learners and explore new development in the area of commerce and management.
 PO3 :- To make learners aware with new rules and regulations adopted by the industry made by the government
 PO4 :- To develop management skills and develop leadership qualities.
 PO5 :- To make learners aware of best practices adopted the field of management and commerce.
 PO6 :- To provide practical knowledge of the subject through industrial training

PGDPM01	CO 1	Operational Research for managerial Application Course Objective: CO1 To make learners aware of statistical techniques. CO2 To make learners enhance their capabilities and skills needed for decision making. CO3 To make learners aware with the basic statistical tools and its usefulness in decision making CO4 To make learners enhance their skills CO5 To develop analytical skills of learners. CO6 To provide practical knowledge of the subject
PGDPM02	CO 2	Project Management Course Objective: CO1 To make learners aware of Project Management techniques. CO2 To make learners enhance their capabilities and skills needed for decision making. CO3 To make learners aware with the basic statistical tools and its usefulness in decision making CO4 To make learners enhance their skills CO5 To develop analytical skills of learners. CO6 To provide practical knowledge of the subject
PGDPM03	CO 3	Management of Machines and Materials Course Objective: CO 1 To make learners aware of Management of Machines and Materials CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted in the industry in the field of production and operations management.

		CO 4 To make learners aware with new rules and regulations adopted by the industry made by the government CO 5 To provide practical knowledge of the subject CO 6 To develop analytical skills of learners.
PGDPM04	CO 4	Management of New and Small enterprises Course Objective: CO1 To make learners aware of Management of New and Small enterprises. CO2 To make learners enhance their capabilities and skills by knowing various laws related towards the field. CO3 To make learners aware with best practices adopted in the industry in the field of Management of New and Small enterprises. CO4 To develop new skills in the learners needed in the industry. CO5 To develop analytical skills of learners.
PGDPM05	CO5	Production Management Course Objective: CO1 To make learners aware of Production Management CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted in the industry in the field of production and operations management. CO4 To develop new skills in the learners needed in the industry. CO5 To develop analytical skills of learners. CO6 To provide practical knowledge of the subject

PGDPM
Course Mapping

CO01	*	*	*	*	*	*
CO02	*	*	*	*	*	*
CO03	*	*	*	*	*	*
CO04	*	*	*	*	*	*
CO05	*	*	*	*	*	*

PGDMM

Programme Outcome

PO1 :- To strengthen stake holder for enrichment of knowledge and skill development.

PO2 :- To aware learners and explore new development in the area of commerce and management.

PO3 :- To make learners aware with new rules and regulations adopted by the industry made by the government

PO4 :- To develop management skills and develop leadership qualities.

PO5 :- To make learners aware of best practices adopted the field of management and commerce.

PO6 :- To provide practical knowledge of the subject through industrial training

PGDMM 01	CO01	Marketing and sales Management Course Objective: CO 1 To make learners aware of Marketing and sales Management CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted in the industry in the field
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		of Consumer Behaviour CO 4 To develop new skills in the learners needed in the industry.
PGDMM 02	CO02	Management of Marketing Communication and Services Course Objective: CO 1 To make learners aware of Management of Marketing Communication and Advertising CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted in the industry in the field of Management of Marketing Communication and Advertising CO 4 To develop new skills in the learners needed in the industry. CO5 To provide practical knowledge of the subject
PGDMM 03	CO03	Strategic Marketing Management Course Objective: CO 1 To make learners aware of Strategic Marketing Management CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted in the industry in the field of International Marketing CO 4 To develop new skills in the learners needed in the industry.
PGDMM 04	CO04	Consumer Behaviour Course Objective: CO 1 To make learners aware of Consumer Behaviour CO 2 To make learners enhance their capabilities and skills needed for decision making. CO 3 To make learners aware with the basic statistical tools and its usefulness in decision making CO4 To make learners enhance their skills CO 5 To develop analytical skills of learners. CO6 To provide practical knowledge of the subject
PGDMM05	CO05	Marketing Research Course Objective: CO1 To make learners aware of Sales and Marketing practices CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted in the industry in the field of Marketing and sales management CO4 To develop new skills in the learners needed in the industry.

PGDMM
Course Mapping

CO1	*	*		*	*
CO2	*	*	*	*	*
CO3	*	*	*		*
CO4	*	*	*	*	*
CO5	*	*	*		*

PGDIMB

Programme Outcome

PO1 :- To strengthen stake holder for enrichment of knowledge and skill development.

PO2 :- To aware learners and explore new development in the area of commerce and management.

PO3 :- To make learners aware with new rules and regulations adopted by the industry made by the government

PO4 :- To develop management skills and develop leadership qualities.

PO5 :- To make learners aware of best practices adopted the field of management and commerce.

PO6 :- To provide practical knowledge of the subject through industrial training

PGDIMB 01	CO01	International Marketing Course Objective: CO 1 To make learners aware of International Sales and Marketing practices CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted in the industry in the field of International Marketing CO 4 To develop new skills in the learners needed in the industry.
PGDIMB 02	CO02	International Business Course Objective: CO 1 To make learners aware of International Business. CO 2 To make learners enhance their capabilities and skills needed for decision making. CO 3 To make learners enhance their skills CO 5 To develop analytical skills of learners. CO6 To provide practical knowledge of the subject
PGDIMB03	CO03	E Business Course Objective: CO 1 To make learners aware of Strategic Marketing Management CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted in the industry in the field of International Marketing CO 4 To develop new skills in the learners needed in the industry.
PGDIMB 04	CO04	Marketing Research Course Objective: CO1 To make learners aware of Sales and Marketing practices CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted in the industry in the field of Marketing and sales management CO4 To develop new skills in the learners needed in the industry.
PGDIMB 05	CO05	Sales Management Course Objective: CO1 To make learners aware of Sales and Marketing practices CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted in the industry in the field of Marketing and sales management CO4 To develop new skills in the learners needed in the industry.

PGDIMB
Course Mapping

CO1	*	*		*	*	
CO2	*	*	*	*	*	*
CO3	*	*	*		*	
CO4	*	*		*	*	*
CO5	*	*	*		*	

M.Com(Master in Commerce)

Programme Outcomes

- ✓ To acquaint a student with conventional as well as contemporary areas in the discipline of commerce.
- ✓ To enable a student well versed in national as well as international trends.
- ✓ To enhance the working culture of entrepreneurs by application of principles of management accounting.
- ✓ Increasing profitability of the organization with the help of statistical methods.
- ✓ To ensure the better financial position of organization by effective financial management.
- ✓ To develop the understanding of futures affecting the business. For the efficient and effective understanding of principles and practice of management.
- ✓ To find out the appropriate commercial activities with the help of effective communications and research methods.
- ✓ To ensure the availability of goods and services by use of marketing management principles.
- ✓ To correlation the managerial economics with labor economics and international economics.
- ✓ To operate the enterprises and small business units by effective use of human resource management.

Course outcomes

Management Accounting (M.Com-01)

After studying of this course, learners outcomes are:

CO₁- Provide the knowledge of accounting methods and management accounting to learners.

CO₂ – Introduce with duties and responsibilities of management accountant.

CO₃ – Prepare Fund flow and Cash flow statement by financial statement and analysis.

CO₄-Enabling learners for managerial decisions with the help of marginal casting and break even analysis.

CO₅-Prepare capital budgeting and performance budgeting and control them for the purpose of budget.

CO₆-Prepare management report including variance analysis.

CO₇-Making aware with the concept of human resource accounting and inflation accounting.

Business Statistics (M.Com-02)

After studying of this course, learners outcomes are:

CO₁ Do calculation of arithmetic mean, median and mode and partition values.

CO₂ Understand calculation of moments, skewness and kurtosis and determining whether the given distribution is normal or not.

CO₃ Understand Probability and applications of probability theory.

CO₄ Understand correlation regression analysis and their applications.

CO₅ Understand statistical testing and their applications.

Financial Management (M.Com-03)

After studying of this course, learners outcomes are:

CO₁ Maximization of value of the firm.

CO₂ Determination of patterns of determining capital structure.

CO₃ Assessment of working capital needs of the firm.

CO₄ Focus on various decision of the firm like investment, financing and dividend.

Business Environment (M.Com D-01)

After studying of this course, learners outcomes are:

CO₁ Identify and evaluate the complexities of business environment and their impact on the business.

CO₂ Analyze the relationships between Government and business.

CO₃ Understand the political, economic, legal and social policies of the country.

CO₄ Analyze current economic conditions in developing emerging markets, and evaluate present and future opportunities.

CO₅ Understand the Industrial functioning and strategies to overcome challenges in competitive markets.

Management Principles and Environment (M.ComD-02)

After studying of this course, learners outcomes are:

CO₁ Understand fundamental concepts and principles of management, including the basic roles, skills, and functions of management.

CO₂ With the help of interactions between the environment, technology, human resources, and organizations in order to achieve its objective.

CO₃ Understand realistic and practical applications of management concepts.

CO₄ Compare and contrast different types, roles and styles of managers across organizations

Communication Skill and Research Method (M.Com-04)

After studying of this course, learners outcomes are:

CO₁ Understand communication process and barriers to communication.

CO₂ Develop skills for Verbal and Non-verbal communication.

CO₃ Understand and use the concept of research methodology.

CO₄ Judge the reliability and validity of experiments and perform exploratory data analysis.

CO₅ Use parametric and non-parametric hypothesis tests (and interpreting their results).

CO₆ Use computer-intensive methods for data analysis.

Marketing Management (M.Com-05)

After studying of this course, learners outcomes are:

CO₁ Evaluate the significance of marketing.

CO₂ Analyze the relationships between marketing management and the political, economic, legal and social policies and its impact on business.

CO₃ Identify the role and significance of various elements of marketing mix.

CO₄ To evaluate the role and relevance of marketing organization in current marketing conditions.

CO₅ Understanding the marketing concepts in global environment. and its relevance.

Managerial Economics (M.Com-06)

After studying of this course, learners outcomes are:

CO₁ Understand background of managerial economics.

CO₂ Develop an understanding of role and function of managers.

CO₃ Provide a detailed view of various roles played by cost and revenue in business.

CO₄ Understand the term inflation and measures to control inflation.

Human Resource Management (M.Com D-03)

After studying of this course, learners outcomes are:

CO₁ Understand the role of human resource management in organizations and the factors shaping that role.

CO₂ Understand key concepts and Principles from the Area of HRM.

CO₃ Apply key course concepts to actual HRM problems in organizations.

CO₄ Understand the financial impact of HRM activities on organizations.

CO₅ Understand the implications of increasing diversity and globalization for HRM processes.

Entrepreneurship and small business management (M.ComD -04)

After studying of this course, learners outcomes are:

CO₁ Become aware of entrepreneurship opportunities available in the society for the entrepreneur.

CO₂ Acquaint them with the challenges faced by the entrepreneur.

CO₃ Develop the motivation to enhance entrepreneurial competency.

B.Com

Programme Outcome

PO1:- To strengthen stake holder for enrichment of knowledge and skill development.

PO2:- To aware learners and explore new development in the area of commerce

PO3:- To make learners aware with new rules and regulations adopted by the industry made by the government

PO4:- To develop skills and develop leadership qualities.

PO5:- To make learners aware of best practices adopted the field of commerce.

PO6:- To provide practical knowledge of the subject through case studies

Course Code		Title of Course
Compulsory Core Subjects		
B.Com-01	C01	Business Organisation Course Objective: CO 1 To make learners aware about concept of business CO2 To make learners enhance their capabilities and skills CO3 To develop new skills in the learners needed in business CO4 To make learners aware with best practices adopted in the business CO 5 To provide practical knowledge of the subject
B.Com-02	C02	Accountancy-01 Course Objective: CO 1 To make learners aware about accounting practices CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted in the industry in the field of accounting. CO 4 To make learners aware with new rules and regulations adopted by the industry made by the government CO 5 To provide practical knowledge of the subject CO6 To develop analytical skills of learners.
B.Com-03	C03	Economic Theory Course Objective: O 1 To make learners aware about concept of economics. CO 2 To make learners enhance their capabilities and skills by knowing various laws given by economist. CO 3 To make learners aware with best practices adopted in the industry in the field of economics. CO 4 To develop new skills in the learners needed in the industry. CO 5 To develop analytical skills of learners. CO 6 To provide practical knowledge of the subject
B.Com-04	C04	Elements of Statistics Course Objective: CO 1 To make learners aware about statistical techniques. CO 2 To make learners enhance their capabilities and skills needed for decision making. CO 3 To make learners aware with the basic statistical tools and its usefulness in decision making CO 4 To make learners enhance their skills CO 5 To develop analytical skills of learners. CO 6 To provide practical knowledge of the subject
B.Com-05	C05	Elements of Costing Course Objective:- CO1 To make learners aware about concept of Costing

		CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted in the industry in the field Costing CO4 To develop new skills in the learners needed in the industry.
B.Com-06	C06	Business Environment Course Objective:- CO1 To make learners aware about Economic environment of business CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted in the industry CO 4 To make learners aware with new rules and regulations adopted by the industry made by the government CO 5 To develop new skills in the learners needed in the industry.
B.com--07	C07	Elements of Income Tax Course Objective:- CO1 To make learners aware about the concept of Income Tax CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted in the industry in the field of Income Tax CO4 To make learners aware with new rules and regulations adopted by the government CO5To develop analytical skills of learners. CO6 To provide practical knowledge of the subject
B.com-08	C08	Elements of Auditing Course Objective: CO1 To make learners aware about the concept of Auditing CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted in the industry in the field of Auditing. CO4 To develop new skills in the learners needed in the industry. CO5 To develop analytical skills of learners.
B.com-09	C09	Accountancy-2 Course Objective: CO 1 To make learners aware about higher accounting practices CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted in the industry in the field of higher accounting. CO 4 To make learners aware with new rules and regulations adopted by the industry made by the government CO 5 To provide practical knowledge of the subject CO6 To develop analytical skills of learners.
Discipline Centric Elective Course		
B.com-D-01	CO10	Management Theory Course Objective: CO 1 To make learners aware about the concept of Management CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with the theories of management CO4 To develop management skills and develop leadership qualities.
B.Com-D-02	CO11	Mercantile Law Course Objective:- CO1 To make learners aware about the concept of Mercantile Law CO2 To make learners aware with best practices adopted in the industry in the field of Mercantile Law CO3 To make learners aware with new rules and regulations adopted by the government CO4 To develop competitive skills in the learners to deal with new rules and provisions of Mercantile Law CO5 To develop analytical skills of learners. CO6 To provide practical knowledge of the subject

B.Com-D-03	CO12	Company Law Course Objective:- CO1 To make learners aware about the concept of Company Law CO2 To make learners aware with best practices adopted in the industry in the field of Company Law CO3 To make learners aware with new rules and regulations adopted by the government CO4 To develop competitive skills in the learners to deal with new rules and provisions of Company Law CO5 To develop analytical skills of learners. CO6 To provide practical knowledge of the subject
B.Com-D-04	CO13	Money Banking and Financial Institution CO 1 To make learners aware about the concept of Money banking and Financial Institution CO 2 To make learners aware with best practices adopted in the industry in the field of Money banking and Financial Institution CO 3 To make learners aware with new rules and regulations adopted by the industry made by the government CO 4 To develop new skills in the learners needed in the industry. CO 5 To develop analytical skills of learners. CO 6 To provide practical knowledge of the subject
Compulsory Foundation Course		
UGFODL (First Year)	CO14	Foundation course in Open and Distance Education Course Objective: CO1 To make learners aware about Open and Distance Education CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted in the field of ODL. CO4 To develop new skills in the learners needed in the industry.
CHEQ/EA (Secound Year)	CO15	Foundation course in Environmental Awareness Course Objective:- CO1 To make learners aware about the concept of Environment CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted for making sound Environment CO 4 To make learners aware with new rules and regulations made by the Government CO 5 To develop new skills in the learners needed in the industry.
UGFIT (Third Year)	CO16	Foundation Course in Information and Technology Course Objective:- CO 1 To make learners aware about the concept of Information and Technology CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted in the industry in the field of IT. CO 4 To develop new skills in the learners needed in the industry. CO 5 To develop analytical skills of learners. CO 6 To provide practical knowledge of the subject
Elective Foundation Course		
UGFHS (First Year) OR	CO17	Foundation course in Humanities and Social Science Course Objective: CO 1 To make learners aware about the basic concepts of Humanities and Social Sciences CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware
UGFST (First Year)	CO18	Foundation course in Science and Technology Course Objective: CO 1 To make learners aware about the concept of Science and Technology CO 2 To make learners enhance their capabilities and skills

		CO 3 To make learners aware with best practices o CO 4 To develop new skills in the learners needed in the industry.
UGFEG (Second Year) OR	CO19	Foundation course in English Course Objective: CO 1 To make learners aware about basic concept of English CO 2 To make learners enhance their capabilities and skills CO 3 To develop new skills in the learners needed in the industry. CO 4 To provide practical knowledge of the subject
UGFHD (Second Year)	CO20	Foundation course in Hindi Course Objective: CO 1 To make learners aware about basic concept of Hindi CO 2 To make learners enhance their capabilities and skills towards application of Hindi CO 3 To make learners aware with best practices of Hindi adopted in business CO 5 To develop analytical skills of learners. CO 6 To provide practical knowledge of the subject
DM (Third year) OR	CO21	Foundation course in Disaster Management Course Objective: CO 1 To make learners aware of Disaster Management practices CO 2 To make learners enhance their capabilities and skills about its techniques CO 3 To make learners aware with best practices adopted during disaster CO 4 To make learners aware with new rules and regulations regarding disaster CO 5 To provide practical knowledge of the subject
AOCNC (Third Year)	CO 22	Foundation course in Nutrition for the Community Course Objective: CO 1 To make learners aware about the concept of Nutrition CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted in the area of Nutrition for the Community CO 4 To provide practical knowledge of the subject
Skill Based Open Elective Courses		
B.Com-S-01 (Second Year)	CO23	Retail Management Course Objective: CO1 To make learners aware about the concept of Retail Management CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted CO4 To develop new skills in the learners needed in the industry. CO 5To make learners aware with new rules and regulations regarding retail CO 6 To provide practical knowledge of the subject
B.Com-S-02 (Third Year)	CO24	Secretarial Practices Course Objective: CO1 To make learners aware about the concept of Secretarial Practices CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted in the industry CO4 To develop new skills in the learners needed in the industry. CO 5 To provide practical knowledge of the subject
B.Com-S-03 (Second Year)	CO25	Sales Management Course Objective: CO1 To make learners aware about the concept of Sales Management CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted in the industry CO4 To develop new skills in the learners needed in the industry. CO5 To develop analytical skills of learners. CO 6 To provide practical knowledge of the subject

B.Com-S-04 (Third Year)	CO26	Insurance Course Objective: CO1 To make learners aware about the concept of Insurance CO2 To make learners enhance their capabilities and skills by knowing various laws related to this field. CO3 To make learners aware with best practices adopted in the industry CO4 To develop new skills in the learners needed in the industry. CO5 To develop analytical skills of learners. CO6 To provide practical knowledge of the subject
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B.Com
COURSE MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	*	*	*	*	*	
CO2	*	*	*	*	*	*
CO3	*	*	*	*	*	*
CO4	*	*	*	*	*	*
CO5	*	*	*	*		
CO6	*	*	*	*	*	
CO7	*	*	*	*	*	*
CO8	*	*	*	*	*	
CO9	*	*	*	*	*	*
CO10	*	*	*	*		
CO11	*	*	*	*	*	*
CO12	*	*	*	*	*	*
CO13	*	*	*	*	*	*
CO14	*	*	*	*		
CO15	*	*	*	*	*	
CO16	*	*	*	*	*	*
CO17	*	*	*			
CO18	*	*	*	*		
CO19	*	*	*	*		
CO20	*	*	*	*	*	*
CO21	*	*	*	*	*	
CO22	*	*	*	*		
CO23	*	*	*	*	*	*
CO24	*	*	*	*	*	
CO25	*	*	*	*	*	*
CO26	*	*	*	*	*	*

BBA
PROGRAMME OUTCOMES

BBA programme has been designed to prepare graduates for attaining the following outcomes:

PO₁ Demonstrate the ability to identify a business problem, isolate its key components, analyze and assess the salient issues, set appropriate criteria for decision making, and draw appropriate conclusions and implications for proposed solutions.

PO₂ Effectively communicate business issues, management concepts, plans and decisions both in oral and written form using appropriate supportive technologies.

Blend analytical, logical and managerial skills with the technical aspects to resolve real world issues.

PO₃ Demonstrate the capabilities required to apply cross-functional business knowledge and technologies in solving real-world business problems

PO₄ Students can demonstrate the fundamentals of creating and managing innovation, new business development, and high-growth potential entities.

PO₅ Students can demonstrate technical competence in domestic and global business through the study of major disciplines within the fields of business.

PO₆ Understand the behavioural aspect of the organizations including conflict management, leadership and human resource management.

COURSE OUTCOMES:

Semester I

Principles and Practices of Management (BBA- 1.1)

After studying of this course, learners outcome are:

CO₁ Understand fundamental concepts and principles of management, including the basic roles, skills, and functions of management.

CO₂ With the help of interactions between the environment, technology, human resources, and organizations in order to achieve its objective.

CO₃ Understand realistic and practical applications of management concepts.

CO₄ Compare and contrast different types, roles and styles of managers across organizations

Financial Accounting (BBA-1.2)

After studying of this course, learners outcome are:

CO₁ Understand various accounting concepts and conventions.

CO₂ Prepare financial statements in accordance with generally accepted Accounting Principles (GAAP).

CO₃ Making aware with the rules governing accounting transactions.

CO₄ Analyze financial statements with the help of various tools and techniques of accountancy.

Computer fundamental (BBA-1.3)

After studying of this course, learners outcome are:

CO₁ Understand the basic concepts and technologies used in the field of management Information systems.

CO₂ Have the knowledge of the different types of management information systems and understand the processes of developing and implementing information systems.

CO₃ Be aware of the ethical, social, and security issues of information systems and understand the role of information systems in organizations.

Business Law (BBA – 1.4 (E1))

After studying of this course, learners outcome are:

CO₁ Become aware of Law in general.

CO₂ Become aware of legal aspects of business.

CO₃ Become familiar with the laws governing commercial deals.

CO₄ Create commercial contracts.

CO₅ Raise his over-all interest in laws prevalent in the country relevant to his job.

Company Law (BBA – 1.4 (E2))

After studying of this course, learners outcome are

- CO₁ Know about the Corporate Laws in general.
- CO₂ Become aware of legal aspects of Company law.
- CO₃ Understand company contracts and become confident therein.
- CO₄ Deal with corporate contracts confidently.
- CO₅ Become more confident in executing commercial contracts

UGFODL

After studying of this course, learners outcome are:

- CO1 learners are aware about Open and Distance Education
- CO2 enhanced the capabilities and skills required for distance education.
- CO3 learners are aware about best practices adopted in the field of ODL.
- CO4 Develop new skills needed in distance education.
- CO5 More Friendly with information and technology.

Semester II

Marketing Management (BBA-2.1)

After studying of this course, learners outcome are:

- CO₁ Evaluate the significance of marketing.
- CO₂ Analyze the relationships between marketing management and the political, economic, legal and social policies and its impact on business.
- CO₃ Identify the role and significance of various elements of marketing mix.
- CO₄ To evaluate the role and relevance of marketing organization in current marketing conditions.
- CO₅ Understanding the marketing concepts in global environment. and its relevance.

Statistics for Managers (BBA-2.2)

After studying of this course, learners outcome are:

- CO₁ Do calculation of arithmetic mean, median and mode and partition values.
- CO₂ Understand calculation of moments, skewness and kurtosis and determining whether the given distribution is normal or not.
- CO₃ Understand Probability and applications of probability theory.
- CO₄ Understand correlation regression analysis and their applications.
- CO₅ Understand statistical testing and their applications.

Production and Operations Management (BBA- 2.3)

After studying of this course, learners outcome are:

- CO₁ Understand ever growing importance of Production and Operations management in uncertain business environment.
- CO₂ Gain an in-depth understanding resource utilization of an organization.
- CO₃ Appreciate the unique challenges faced by firms in services and manufacturing.
- CO₄ Understand applicability operations in various areas of business.
- CO₅ Understand the subject as a crucial part of functional management.
- CO₆ Develop skills to operate competitively in the current business scenario.

Managerial Economics (BBA- 2.4(E1))

After studying of this course, learners outcome are:

CO₁ Understand background of managerial economics.

CO₂ Develop an understanding of role and function of managers.

CO₃ Provide a detailed view of various roles played by cost and revenue in business.

CO₄ Understand the term inflation and measures to control inflation.

Money Banking and Financial Institutions (BBA- 2.4(E2))

After studying of this course, learners outcome are:

CO 1 To make learners aware about the concept of Money banking and Financial Institution

CO 2 To make learners aware with best practices adopted in the industry in the field of Money banking and Financial Institution

CO 3 To make learners aware with new rules and regulations adopted by the industry made by the government

CO 4 To develop new skills in the learners needed in the industry.

Semester III

Business Communication (BBA-3.1)

After studying of this course, learners outcome are:

CO₁ Understand communication process and barriers to communication.

CO₂ Develop skills for Verbal and Non-verbal communication.

CO₃ Acquire ability to give Effective Presentations.

CO₄ Understand the basics of Internal as well as External communication.

CO₅ Develop the art of facing Interviews.

CO₆ Develop business and social etiquette

Human Resource Management (BBA-3.2)

After studying of this course, learners outcome are:

CO₁ Understand the role of human resource management in organizations and the factors shaping that role.

CO₂ Understand key concepts and Principles from the Area of HRM.

CO₃ Apply key course concepts to actual HRM problems in organizations.

CO₄ Understand the financial impact of HRM activities on organizations.

CO₅ Understand the implications of increasing diversity and globalization for HRM processes.

Organisational Behaviour (BBA-3.3)

After studying of this course, learners outcome are:

CO₁ Understand the complexities of an organization and its activities.

CO₂ Develop and sharpen the skills for the better understanding of the organization culture.

CO₃ Develop the ability to generate and respect the dignity of the individuals.

CO₄ Create the learning environment for the organisational people.

Business Policy (3.4 (E1))

After studying of this course, learners outcome are:

CO₁ Understand growing importance of strategies in uncertain business environment.

CO₂ Acquire an in-depth understanding of business Policy.

CO₃ Appreciate the unique challenges faced by firms in competitive environment.

CO₄ Understand applicability of various Business policies in varied situations.

CO₅ Understand the subject as a matter of general management.
CO₆ Develop skills to deal with ever changing business situations.

Elements of Costing (3.4 (E2))

After studying of this course, learners outcome are:

CO₁ Able to understand the concept of Costing.
CO₂ Enhance the profitability of the organization.
CO₃ Adopt the best practices to decrease the overheads.
CO₄ Understand the pricing decision and minimise it for the organizational health .

Semester IV

Financial Management (BBA- 4.1)

After studying of this course, learners outcome are:

CO₁ Maximization of value of the firm.
CO₂ Determination of patterns of determining capital structure.
CO₃ Assessment of working capital needs of the firm.
CO₄ Focus on various decision of the firm like investment, financing and dividend.

Advertising Fundamentals (BBA- 4.2)

After studying of this course, learners outcome are:

CO₁ Develop the ability to recognize the quality of the products.
CO₂ Explore the product and product quality to the consumers and ensure the quantity of the product.
CO₃ Take the decision for right media to promote the product.
CO₄ cost effective during the implementation decision making of the price

Entrepreneurship and small business management (BBA- 4.3)

After studying of this course, learners outcome are:

CO₁ Become aware of entrepreneurship opportunities available in the society for the entrepreneur.
CO₂ Acquaint them with the challenges faced by the entrepreneur.
CO₃ Develop the motivation to enhance entrepreneurial competency.

Mathematics for Business and Economics (BBA- 4.4 (E1))

After studying of this course, learners outcome are:

CO₁ Understand the concepts of mathematics for effectiveness of business and economic activities.
CO₂ Apply the tools of the mathematics for business activities.
CO₃ Calculate the accurate data and analyse them for better understanding of the business and economic activities.
CO₄ Predict the future of the business and economic activities more accurately.

Elements of Income Tax (BBA- 4.4(E2))

After studying of this course, learners outcome are:

CO1 Aware about the concept of Income Tax.
CO2 Enhance their capabilities and skills for the proper calculation of income tax.
CO3 Start the best practices adopted in the industry for the Income Tax

CO4 Aware with new rules and regulations adopted by the government

Semester V

Corporate Governance (BBA- 5.1)

After studying of this course, learners outcome are:

CO₁ Integrate and apply contemporary Ethics & Governance issues in a business context.

CO₂ Analyse and apply ethics to contemporary business practices.

CO₃ Analyse key perspectives on corporate social responsibility and their application.

CO₄ Evaluate different corporate ownership structures and their key governance features.

CO₅ Analyse and apply corporate governance perspectives to contemporary business practices.

Sales and Management (BBA-5.2)

After studying of this course, learners outcome are:

CO₁ Understand functions of sales man within the range organization.

CO₂ Understand the selling concepts and theories within various sales situations.

CO₃ Identify and demonstrate the dynamic nature of environment in which sales decisions are taken for different sales strategies.

CO₄ Understand the various sales functions like Budgeting, sales quota ,sales territories and sales forecasting.

Total Quality Management (BBA- 5.3)

After studying of this course, learners outcome are:

CO₁ Understand the quality concepts in various business sectors.

CO₂ Understand quality as a whole organizational affair rather than quality control only.

CO₃ Gain knowledge of various tools and techniques of quality management.

CO₄ Develop leadership quality for the benefit of organization.

CO₅ Understand quality issues of an organization

Marketing Research (BBA- 5.4(E1))

After studying of this course, learners outcome are:

CO₁ know about the product and its detail required for the organizations.

CO₂ Analyses the market and its trend at a particular point of time.

CO₃ Choose the best tools for finding the desired result.

Elements of Costing (BBA- 5.4(E2))

After studying of this course, learners outcome are:

CO₁ Understand the concept of Costing

CO₂ Enhance the capabilities and skills to prepare the documents without fault.

CO₃ Adopt the best practices in the industry regarding Costing.

CO₄ Develop the new skills required in the organisations.

Semester VI

Conflict Management and Negotiation Skills (BBA- 6.1))

After studying of this course, learners outcome are:

CO₁ Understand the concept of conflict and causes of conflict.

CO₂ learners will develop the Negotiation skills.

CO₃ Enhance and develop the interpersonal skills.

CO₄ learn and develop the techniques of resolving the conflicts.

Leadership (BBA- 6.2))

After studying of this course, learners outcome are:

CO₁ know the leadership theories for the better organization practices.

CO₂ They will develop leadership qualities to receive the better output

CO₃ learn and practice the leadership practices for goal achievement.

CO₄ Develop the organization by appropriate leadership styles.

Retail Management (BBA- 6.3)

After studying of this course, learners outcome are:

CO₁ Apply a broad theoretical and technical knowledge of retail management to understand opportunities and challenges for creating excellent retailing experience.

CO₂ Critically analyse and summaries market information to assess the retailing environment and formulate effective retail strategies.

CO₃ Learn how to procure, display and maintain merchandise to meet daily business requirements.

CO₄ Understand visual merchandising and its effect on store layout and design.

CO₅ Apply reasoned judgments to solve problems in a variety of retail environments with reference to managerial, ethical, regulatory and global perspectives.

Environmental Management (BBA-6.4 E1)

After studying of this course, learners outcome are:

CO₁ Acquired skills to understand environment and its various components, related issues and problems.

CO₂ Participate and actively involve at all levels in working towards the benefits of environment.

CO₃ Gain a variety of experiences and acquire knowledge to save the environment for future generations.

CO₄ Acquire an awareness of the environment as a whole and its allied problems and sensitivity.

Insurance: Theory and Practices (BBA-6.4 E2)

After studying of this course, learners outcome are:

CO₁ Make learners aware about the concept of Insurance

CO₂ Make learners enhance their capabilities and skills by knowing various laws related to this field.

CO₃ Make learners aware with best practices adopted in the industry

CO₄ Develop new skills in the learners needed in the industry.

School of Education

2.6.1 : Programme Outcomes

B A (Education) PROGRAMME

The school of education offers education as a subject in BA programme. It aims to providing opportunities for the intensive study of the sociological, philosophical and psychological basis of education and study of the educational trends in the historical and contemporary perspectives.

PO1: To enable learners to understand philosophical and sociological bases of education along with ability to analyze educational problems with philosophical point of view and major educationists.

PO2: To familiarize the learners with the foundations of educational psychology that are learning, motivation, intelligence, personality and special abilities of children etc.

PO3: To enable the learners to understand development, present status, different domains and major problems of education.

PO4: To acquaint the learners with objectives sources of education and its relationship with globalization and also concept types and procedure of curriculum and co-curricular activities.

PO5: To acquaint learners with concept administration standardization of major psychological tests like intelligence, personality, creativity etc. along with skills of measuring, measures of central tendency, deviation and co-relation.

M A (Education) PROGRAMME

The school of Education offers M.A. Education programme. It aims to providing opportunities for the intensive study of the sociological, philosophical and psychological basis of education and study of the educational trends in the historical and contemporary perspectives. It integrates knowledge so that students may become able to avail the opportunities of employment.

PO-1: To provide learners a wider and more comprehensive understanding of education as field of knowledge and would accommodate a wide variety of learning needs of learners.

PO-2: To provide learning-experiences, which will enable students to understand and appreciate knowledge structures and paradigms of education,

PO-3: To develop professionals for effective participation in educational actions in different areas of education.

PO-4: To create a community of scholars adequately equipped for participation in educational discourse.

PGDDE PROGRAMME

After successful completion of the program (PGDEA), learners will show remarkable capability in the concerned discipline in the following manner:

- PO-1: The learners will be able to express well about the growth and philosophy of Distance Education.
- PO-2: The Learners will impart with confidence the detailed Design and development of self Learning material.
- PO-3: The learners will be able to apprise people of the learner support material.
- PO-4: The learners will know in detail, the effectiveness and efficiency of management in Distance Education.
- PO-5: The learners will be well-versed with communication technology in open distance learning-system.

PGDEA PROGRAMME

After successful completion of the program (PGDEA), the learners will show remarkable capability in the concerned discipline in the following manner:

- PO-1: Marked improvement in learning about the methodologies related to individual performance as Educational administrator and learners.
- PO-2: Equipped with specific knowledge related to understand the concerned institutional climate, its protocols and ethics as well as to develop leadership capability to handle the emerging issues effectively.
- PO-3: The skills of the learners will be upgraded in inter personal relationship, leadership and team-building, strategy planning and decision making necessary for effective management.
- PO-4: The learners will be fully aware of the various tools and techniques for the purpose of Data collection, analysis and interpretation techniques.
- PO-5: The learners will be well aware about the various technologies being used for the purpose of structuring educational needs, communicational skills and other needful skills as well.

PGDVGCC

After the completion of programme students will be able -

- PO-1: To understand concept and need of vocational guidance and career counseling.
- PO-2: To understand principles and problems of different types of vocational guidance and career counseling.
- PO-3: To acquaint the aims of vocational guidance and career counseling programme.

PO-4: To develop the understanding of various procedures of organizing various vocational guidance and career counseling services.

PO-5: To understand the issues of vocational guidance and career counseling.

B.Ed. ODL PROGRAMME

After completion of the Bachelor of Education (B.Ed.) ODL Programme the student teacher will be able-

PO-1: To develop professional competencies in student teachers.

PO-2: To understand various methods and approaches of organizing learning experiences of secondary school students.

PO-3: To develop skills of selection and organizing learning experiences.

PO-4: To understand the nature of the learner and the learning processes.

PO-5: To develop skills involved in dealing with the academic and personal problems of learners.

PO-6: To understand about the procedures and techniques of assessment and evaluation

PO-7: To gain knowledge and develop understanding about various aspects of school management.

PO-8: To develop an appreciation of the role of the teacher in the prevailing socio-cultural and political context in general and the educational system in particular.

B.Ed. Spl. (ODL) PROGRAMME

After the completion of programme students will be able -

PO-1: To have positive attitude towards disabled persons and opportunity of promotion in their professional career.

PO-2: To develop positive attitude and support towards disabled individuals.

PO-3: To acquire skill develop for dealing of various academic social and personal problems of the disabled students.

PO-4: To understand the nature of the developmental characteristics, personality and learning process of the general as well as disabled students of different age groups.

PO-5: To strengthen the professional competencies of the teachers of disabled students.

PO-6: To imbibe knowledge and develop an understanding of the various methods and approaches of organizing learning experiences of students especially with disability.

PO-7: To acquire knowledge and understanding of the various procedures and techniques of evaluation.

PO-8: To acquire skill of applying the various procedures and techniques of evaluation in the classroom situations.

PO-9: To develop skill involved in selecting, developing, and using various evaluation tools.

PO-10: To develop competencies for organizing various types of curricular and co-curricular activities.

PO-11: To acquire knowledge and competencies for organizing various types of instructional and student support activities.

B. A. EDUCATION (UGED)

Programme Offered from: 2007	AC Minutes: point no.08, Dated 25/03/2006
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Programme Objectives

To enable the student to understand:

- (i) General aims of education along with nature, scope functions types and principles of education.
- (ii) Philosophical, Sociological and psychological foundations of education
- (iii) Meaning and importance of educational measurement and evaluation.
- (iv) Problems of modern Indian Education.
- (v) Develop basic skills in the field of education.

Programme Outcomes :

After completion of this Programme the learner will be able –

PO1: To understand and analyze bases of education.

PO2: To know Philosophical, Sociological and psychological variables.

PO3: To understand and analyze development of Education and various issues of present education.

PO4: To explain the principles of education and different concepts related to education.

PO5: To measure and evaluate the academic, social and psychological variables.

PO6: To understand the basic skills of various areas of education.

PO7: To use basic skills of various areas of education in his/her life.

Utility of the Programme:

- Required Skills and values may be provided to students being Graduates in the field of general Education.
- The opportunities may be arises for further Higher Education to all.

Job Opportunities

In the field of all the jobs where eligibility is graduate or education as subject at graduation level.

Social Effect

It is a popular Subject in the society but more popular in Girls.

Programme Structure

Year वर्ष	Paper No. पेपर नं०	Course Code पाठ्यक्रम कोड	Title of Course पाठ्यक्रम का शीर्षक	Credits क्रेडिट	Compulsory / Elective अनिवार्य / वैकल्पिक
Compulsory Core Course / विषय केन्द्रित अनिवार्य पाठ्यक्रम					
प्रथम वर्ष	3088	UGED-01	शिक्षा के दार्शनिक एवं सामाजिक आधार	8	अनिवार्य
द्वितीय वर्ष	3089	UGED-02	शिक्षा का मनोविज्ञान	8	अनिवार्य
तृतीय वर्ष	3090	UGED-03	आधुनिक भारतीय शिक्षा की समस्याएँ	8	अनिवार्य
Discipline Centric Elective Course / विषय केन्द्रित वैकल्पिक पाठ्यक्रम					
	3091 or 3092	UGED-04 or UGED-05	शिक्षा के सिद्धान्त अथवा शैक्षिक मापन एवं मूल्यांकन	8 or 8	वैकल्पिक
Compulsory Foundation Course / अनिवार्य आधार पाठ्यक्रम					
प्रथम वर्ष	2700	UGFODL	मुक्त एवं दूरस्थ शिक्षा में आधार पाठ्यक्रम	नान क्रेडिट	अनिवार्य
द्वितीय वर्ष	012	CHEQ/EA	पर्यावरण सम्बन्धी योग्यता प्रदायी आधार पाठ्यक्रम	नान क्रेडिट	अनिवार्य
तृतीय वर्ष	003	UGFIT	सूचना एवं प्रौद्योगिकी में आधार पाठ्यक्रम	नान क्रेडिट	अनिवार्य
Elective Foundation Course / वैकल्पिक आधार पाठ्यक्रम					
प्रथम वर्ष	002 or 009	UGFST or AOCNC	विज्ञान एवं प्रौद्योगिकी में आधार पाठ्यक्रम अथवा समुदाय एवं पोषण में आधार पाठ्यक्रम	4 or 4	वैकल्पिक

द्वितीय वर्ष	012	UGFEG or UGFHD	अंग्रेजी में आधार पाठ्यक्रम अथवा हिन्दी में आधार पाठ्यक्रम	4 or 4	वैकल्पिक
तृतीय वर्ष	251 or 2701	DM or SWM	आपदा प्रबन्धन में आधार पाठ्यक्रम अथवा ढोस अपशिष्ट का प्रबन्धन	4 or 4	वैकल्पिक
Skill Based Open Elective Course / कौशल विकास कार्यक्रम (द्वितीय अथवा तृतीय वर्ष)					
द्वितीय वर्ष एवं तृतीय वर्ष में	2648 or 2649 or 2650	UGSED-01 or UGSED- 02 or UGSED- 03	निःशक्तता का परिचय अथवा शैक्षिक तकनीकी अथवा पोषण एवं स्वास्थ्य शिक्षा	8 or 8 or 8	वैकल्पिक

COURSE CONTENTS

UGED-01

Philosophical and Sociological Bases of Education

शिक्षा के दार्शनिक एवं सामाजिक आधार

Course Outcomes :

After completion of this course the learner will be able –

- CO1:** To understand the concept of educational philosophy and their bases of Education.
- CO2:** To understand the concept of Sociological bases of Education.
- CO3:** To aware about the major educationists.
- CO4:** To explain the meaning and concept of culture, religion, values, freedom.
- CO5:** To analyze the role of education in social change.

Course Content

खण्ड –01 : शिक्षा के दार्शनिक आधार

- इकाई – 1 शिक्षा, दर्शन एवं शिक्षा-दर्शन
- इकाई – 2 प्रकृतिवाद
- इकाई – 3 आदर्शवाद
- इकाई – 4 प्रयोजनवाद तथा यथार्थवाद

खण्ड –02 : प्रमुख शिक्षाशास्त्री

- इकाई– 5 प्लेटो एवं रूसो
- इकाई – 6 जॉन डीवी, माण्टेसरी एवं फ्रोबेल

इकाई – 7 स्वामी विवेकानन्द एवं श्री अरविन्द घोष

इकाई – 8 रवीन्द्र नाथ टैगोर एवं महत्मा गँधी

खण्ड –03 : दार्शनिक दृष्टिकोण से शैक्षिक समस्यायें

इकाई– 9 शिक्षा में व्यक्ति एवं समाज

इकाई – 10 धर्म और शिक्षा

इकाई – 11 शैक्षिक मूल्य

इकाई – 12 स्वतंत्रता तथा अनुशासन

खण्ड –04 : शिक्षा का सामाजिक आधार

इकाई – 13 शिक्षा में समाजशास्त्र का योगदान तथा बालक का समाजीकरण

इकाई – 14 संस्कृति और शिक्षा

इकाई – 15 विद्यालय तथा समुदाय

इकाई – 16 शिक्षा और सामाजिक परिवर्तन

UGED-02

Psychology of Education

शिक्षा का मनोविज्ञान

Course Outcomes

After completion of this course the learner will be able –

CO1: To understand the bases of educational psychology.

CO2: To know about the process of stages of human development.

CO3: To aware about principles and procedures of learning, motivation, memory and forgetting.

CO4: To measure intelligence, personality, creativity and individual differences.

CO5: To understand the group psychology

Course Content

खण्ड –01 शिक्षा मनोविज्ञान के आधार

- इकाई– 1 शिक्षा मनोविज्ञान का अर्थ, उद्देश्य एवं महत्व
- इकाई – 2 शिक्षा मनोविज्ञान : अध्ययन की प्रमुख विधियाँ
- इकाई – 3 वंशानुक्रम और वातावरण
- इकाई – 4 वृद्धि एवं विकास की अवधारणा एवं अवस्थाएँ

खण्ड –02 अधिगम का मनोविज्ञान

- इकाई– 5 सीखना एवं सीखने के सिद्धान्त
- इकाई – 6 अभिप्रेरणा
- इकाई – 7 अधिगम का स्थानान्तरण
- इकाई – 8 स्मृति एवं विस्मृति

खण्ड –03 अधिगमकर्ता

- इकाई– 9 बुद्धि का मनोविज्ञान
- इकाई – 10 व्यक्तित्व
- इकाई – 11 व्यक्तित्व का मापन
- इकाई – 12 व्यक्तित्व विभिन्नताएँ

खण्ड –04 विशिष्ट योग्यताएँ

- इकाई – 13 सृजनात्मकता
- इकाई – 14 मानसिक स्वास्थ्य

इकाई – 15 समूह एवं समूह गतिशीलता का मनोविज्ञान

इकाई – 16 अन्येतर योग्य बालकों की शिक्षा

UGED-03

Problems of Modern Indian Education

आधुनिक भारतीय शिक्षा की समस्यायें

Course Outcomes:

After completion of this course the learner will be able –

CO1: To understand the development of education in India.

CO2: To aware the policies and constitutional provisions on education.

CO3: To know the present status of primary, secondary, higher and teacher education.

CO4: To explain different dimensions of education.

CO5: To analyze major issues of education.

Course Content

खण्ड –01 भारतीय शिक्षा का विकास

इकाई– 1 भारतीय शिक्षा का इतिहास

इकाई – 2 शिक्षा के संवैधानिक प्रावधान

इकाई – 3 प्रमुख शिक्षा आयोग व समितियाँ

इकाई – 4 शिक्षा की राष्ट्रीय नीति

खण्ड –02 वर्तमान शिक्षा व्यवस्था

- इकाई- 5 प्राथमिक शिक्षा व सर्वशिक्षा अभियान
इकाई – 6 माध्यमिक शिक्षा
इकाई – 7 उच्च शिक्षा
इकाई – 8 अध्यापक शिक्षा

खण्ड –03 शिक्षा के विविध आयाम

- इकाई- 9 व्यावसायिक एवं तकनीकी शिक्षा
इकाई – 10 महिला सशक्तीकरण और शिक्षा
इकाई – 11 पर्यावरण शिक्षा
इकाई – 12 जनसंख्या शिक्षा

खण्ड –04 शिक्षा की समस्यायें

- इकाई- 13 शैक्षिक अवसरों की समानता
इकाई – 14 कमजोर वर्गों की शिक्षा
इकाई – 15 मानवाधिकार शिक्षा, मूल्यपरक शिक्षा व शान्ति शिक्षा
इकाई – 16 विशिष्ट शिक्षा

UGED -04

Principles of Education

शिक्षा के सिद्धान्त

Course Outcomes

After completion of this course the learner will be able –

CO1: To know the concept, aims, sources and agencies of education.

CO2: To understand the process of curriculum development and co-curricular activities.

CO3: To be aware about the concepts like Community, Democracy, Socialism, Social change etc.

CO4: To understand the Nationalism and Internationalism.

CO5: To analyze the relationships between Education and Globalization.

Course Content

खण्ड –01 शिक्षा के सिद्धान्त

- इकाई– 1 शिक्षा की अवधारणा
- इकाई – 2 शिक्षा के सामाजिक एवं वैयक्तिक उद्देश्य
- इकाई – 3 शिक्षा के अन्य उद्देश्य
- इकाई – 4 शिक्षा के अभिकरण या साधन

खण्ड –02 अधिगम का मनोविज्ञान

- इकाई– 5 पाठ्यक्रम का अर्थ, प्रकार एवं सिद्धान्त
- इकाई – 6 पाठ्यक्रम विकास की प्रक्रिया
- इकाई – 7 पाठ्यक्रम – विभिन्न विषयों का महत्व
- इकाई – 8 सहपाठ्यक्रमीय क्रियाकलाप

खण्ड –03 जीवन के विभिन्न क्षेत्रों में शिक्षा के मूल्य

- इकाई– 9 जनतन्त्र और शिक्षा
- इकाई – 10 समुदाय और शिक्षा
- इकाई – 11 सामाजिक परिवर्तन और गतिशीलता

इकाई – 12 समाजवाद और शिक्षा

खण्ड –04 वैश्वीकरण और शिक्षा

इकाई – 13 राज्य और शिक्षा

इकाई – 14 राष्ट्रीयता के लिए शिक्षा

इकाई – 15 अन्तर्राष्ट्रीय अवबोध के लिए शिक्षा

इकाई – 16 भावात्मक एकता के लिए शिक्षा

UGED -05

Educational measurement and Evaluation

शैक्षिक मापन एवं मूल्यांकन

Course Outcomes

After completion of this course the learner will be able –

CO1: To know about Educational measurement and Evaluation\

CO2: To cognizant of key concepts such as formative and summative assessment, measurement, evaluation, test and examination.

CO3: To select and develop an appropriate measuring tool.

CO4: To evolve realistic, comprehensive and dynamic assessment procedures keeping in view the diverse backgrounds of students.

CO5: To calculate measures of central tendency, deviation and correlation.

Course Content

खण्ड –01 शैक्षिक मापन

इकाई– 1 मापन तथा मूल्यांकन के सम्प्रत्यय

इकाई – 2 परीक्षण के सम्प्रत्यय

- इकाई – 3 परीक्षण विश्वसनीयता
इकाई – 4 परीक्षण वैधता एवं व्यावहारिकता

खण्ड –02 परीक्षण

- इकाई– 5 परीक्षण मानक
इकाई – 6 परीक्षण की रचना एवं परीक्षण प्रशासन
इकाई – 7 उपलब्धि परीक्षण
इकाई – 8 अभिक्षमता परीक्षण

खण्ड –03 मानसिक मापन

- इकाई– 9 बुद्धि एवं इसका मापन
इकाई – 10 अभिवृत्ति तथा इसके मापन
इकाई – 11 सृजनात्मकता और इसका मापन
इकाई – 12 व्यक्तित्व का मापन

खण्ड –04 सांख्यिकीय विधियाँ

- इकाई – 13 सांख्यिकीय : विषय प्रवेश
इकाई – 14 केन्द्रीय प्रवृत्ति की मापें
इकाई – 15 विचलन या विक्षेपण की मापें
इकाई – 16 सहसम्बन्ध

UGSED- 01

Introduction of Disability

निःशक्तता: का परिचय

Course Outcomes

After completion of this course the learner will be able –

CO1: To understand and classify the different types of disabilities.

CO2: To recognise the different disabilities

CO3: To assess the disabilities.

CO4: To know the process of curriculum development and planning the programme for different types of disabilities.

CO5: To aware about the role of defferent agencies for defferently abled persons.

Course Content

खण्ड –01 निःशक्तता संकल्पना एवं वर्गीकरण

इकाई– 1 निःशक्तता, विकलांगता और क्षति

इकाई – 2 निःशक्तता का ऐतिहासिक परिदृश्य एवं निःशक्तता का वर्गीकरण

इकाई – 3 निःशक्तता की वर्तमान स्थितियों एवं कारक

इकाई – 4 निःशक्तजनों की विशेषतायें

खण्ड –02 निःशक्तता का आकलन और अभिनिर्धारण

इकाई– 5 आकलन तथा विभेदक निदान

इकाई – 6 कार्यक्षमताओं का निर्धारण

इकाई – 7 निःशक्तता के शैक्षिक निहितार्थ

इकाई – 8 कार्यक्रम नियोजन

खण्ड –03 निःशक्तों की पाठ्यचर्चा का नियोजन और अनुकूलन

इकाई– 9 पाठ्यचर्चा का अर्थ और प्रकार

इकाई – 10 पाठ्यचर्चा नियोजन

इकाई – 11 पाठ्यचर्चा में अनुकूलन

इकाई – 12 व्यवहारिक क्रियाओं में अनुकूलन

खण्ड –04 निःशक्तजनों की शिक्षा के अभिकरण

इकाई – 13 निःशक्तजनों की शिक्षा सम्बन्धी अन्तर्राष्ट्रीय प्रयास

इकाई – 14 निःशक्तजनों की शिक्षा सम्बन्धी राष्ट्रीय प्रयास

इकाई – 15 निःशक्तजनों की शिक्षा में अभिभावक, विद्यालय तथा समुदाय की भूमिका

इकाई – 16 निःशक्तजनों की शिक्षा में गैर सरकारी संगठनों की भूमिका

UGSED-02

Educational Technology

शैक्षिक तकनीकी

Course Outcomes:

After completion of this course the learner will be able –

CO1: To understand the meaning, scope and components of Educational Technology.

CO2: To comprehend with designing of instructional strategies and approaches.

CO3: To perceive knowledge with use of information communication technology.

CO4: To manage and evaluate the Educational Technology.

CO5: To use the Technology in Education.

Course Content

खण्ड –01 शैक्षिक तकनीकी अर्थ और विषय क्षेत्र

इकाई – 01 तकनीकी और शैक्षिक तकनीकी अर्थ एवं प्रकृति

- इकाई – 02 शैक्षिक तकनीकी का विकास
इकाई – 03 शैक्षिक तकनीकी का क्षेत्र और महत्व
इकाई – 04 शिक्षा तन्त्र के उपागम के रूप में शैक्षिक तकनीकी

खण्ड –02 शैक्षिक तकनीकी के उपागम

- इकाई – 05 कठोर उपागम (हार्डवेयर)
इकाई – 06 मृदु उपागम (सॉफ्टवेयर)
इकाई – 07 प्रणाली उपागम
इकाई – 08 बहुआयामी उपागम

खण्ड –03 संप्रेषण और अनुदेशन

- इकाई – 09 शिक्षण और अनुदेशन
इकाई – 10 अनुदेशन में संप्रेषण के साधन
इकाई – 11 अनुदेशन में संप्रेषण के श्रव्य साधन
इकाई – 12 अनुदेशन में संप्रेषण के दृश्य –श्रव्य साधन

खण्ड –04 विभिन्न स्तर पर शैक्षिक प्रशासन

- इकाई – 13 संप्रेषण माध्यमों का चयन और समाकलन
इकाई – 14 शैक्षिक तकनीकी में नवाचार
इकाई – 15 शैक्षिक तकनीकी में प्रबंधन
इकाई – 16 शैक्षिक तकनीकी का मूल्यांकन

UGSED-03

Nutrition and Health Education

पोषण एवं स्वास्थ्य शिक्षा

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To be conscious about the health and nutrition.
- CO2:** To understand the factors influencing community health and nutrition.
- CO3:** To know the importance of Physical and Yoga Education.
- CO4:** To explain the components of balanced diet.
- CO5:** To prevent the transmitting diseases.

Course Content

खण्ड –01 स्वास्थ्य और स्वास्थ्य शिक्षा

- इकाई – 01 स्वास्थ्य शिक्षा अर्थ क्षेत्र और उद्देश्य
- इकाई – 02 स्वास्थ्य और पोषण
- इकाई – 03 आहार नियोजन संतुलित आहार
- इकाई – 04 व्यक्तिगत स्वास्थ्य

खण्ड –02 शारीरिक शिक्षा

- इकाई – 05 शारीरिक शिक्षा तथा स्वास्थ्य शिक्षा
- इकाई – 06 शारीरिक शिक्षा के उद्देश्य
- इकाई – 07 शारीरिक शिक्षा कार्यक्रम
- इकाई – 08 विद्यालयी स्वास्थ्यप्रद पर्यावरण

खण्ड –03 विद्यालय स्वास्थ्य सेवार्यें

इकाई – 09 स्वास्थ्य परीक्षण

इकाई – 10 प्राथमिक शिक्षा तथा सुरक्षा शिक्षा

इकाई – 11 संक्रामक तथा संवर्ग रोग

इकाई – 12 ज्ञानेन्द्रियों तथा प्रणालीहीन ग्रन्थियों, ज्ञानेन्द्रियों एवं नालिकाविहीन ग्रन्थि विकार

खण्ड –04 योग शिक्षा

इकाई – 13 योग अर्थ एवं महत्व

इकाई – 14 प्रमुख योगासन

इकाई – 15 प्राणायाम

इकाई – 16 कक्षा आसन पद्धति, थकान एवं विश्राम

Mapping of Curricula to Programme Outcomes

Programme Outcomes →	P1	P2	P3	P4	P5	P6	P7
Course Outcomes ↓							
C11	✓						
C12	✓						
C13				✓			
C14		✓					
C15					✓		
C21	✓						
C22		✓					
C23			✓	✓			
C24					✓		
C25	✓						

C31			✓				
C32			✓				
C33	✓						
C34		✓					
C35					✓		
C41			✓				
C42	✓						
C43			✓				
C44		✓					
C45					✓		
C51	✓						
C52			✓	✓			
C53				✓	✓		
C54					✓		
C55					✓		
CS11	✓						
CS12			✓				
CS13					✓		
CS14						✓	
CS15							✓
CS21	✓						
CS22			✓				
CS23						✓	
CS24					✓		

CS25							✓
CS31	✓						
CS32			✓				
CS33						✓	
CS34				✓			
CS35							✓

UGFODL

Foundation Course in Open and Distance Education

मुक्त एवं दूरस्थ शिक्षा में आधार पाठ्यक्रम

Course Outcome:

After completion of this course the learner will be able –

CO1 : To understand the concept, need and scope of distance education.

CO2 : To evaluate the system of distance education.

CO3 : To analyze the issues of distance education.

CO4 : To know the role of various agencies in distance education.

CO5 : To develop Self Learning Materials (SLMs).

Course Content

खण्ड –01 मुक्त एवं दूरस्थ शिक्षा की अवधारणा एवं ऐतिहासिक परिप्रेक्ष्य

इकाई– 1 मुक्त एवं दूरस्थ शिक्षा का स्वरूप एवं आवश्यकता

इकाई – 2 मुक्त एवं दूरस्थ शिक्षा का विकास

इकाई – 3 दूरस्थ शिक्षक

इकाई – 4 दूरस्थ विद्यार्थी

खण्ड –02 मुक्त एवं दूरस्थ शिक्षा में छात्र सहायता सेवाएं

इकाई– 5 स्व अध्ययन सामग्री

इकाई – 6 परामर्श सेवायें

इकाई – 7 अधिन्यास

इकाई – 8 सूचना एवं सम्प्रेषण प्रौद्योगिकी

खण्ड –03 मुक्त एवं दूरस्थ शिक्षा की संगठनात्मक संरचना

इकाई– 9 राष्ट्रीय मुक्त विश्वविद्यालय

इकाई – 10 राज्य मुक्त विश्वविद्यालय

इकाई – 11 राष्ट्रीय मुक्त विश्वविद्यालयी संरचना

इकाई – 12 दूरस्थ शिक्षा परिषद्

खण्ड –04 मुक्त एवं दूरस्थ शिक्षा में मूल्यांकन एवं चुनौतियाँ

इकाई – 13 मुक्त एवं दूरस्थ शिक्षा की समस्यायें

इकाई – 14 दूरस्थ शिक्षा में प्रशिक्षण

इकाई – 15 दूरस्थ शिक्षा में मूल्यांकन

इकाई – 16 दूरस्थ शिक्षा में अनुसंधान

B.Ed. ODL PROGRAMME

Programme Offerd from: 2003

AC Minutes: point no. 03, Dated 04/05/2003

Programme Objectives

The Bachelor of Education (B.Ed.) Degree Programme to be conducted by the U.P.Rajarshi Tandon Open University, Prayagraj through open and distance learning system shall aim to enable the untrained working teachers to achieve the following objectives-

- (i) To systematize experiences and strengthen the professional competency of in service teachers.
- (ii) To imbibe the knowledge and develop understanding of various methods and approaches of organizing learning experiences of secondary school students.
- (iii) To develop skills required in selection and organizing learning experiences.
- (iv) To understand the nature of the learner and the learning processes.
- (v) To develop skills required for dealing of various academic and personal problems of the students.
- (vi) To develop skills involved in dealing with the academic and personal problems of learners.
- (vii) To acquire knowledge and develop understanding about the various procedures and techniques of evaluation and their classroom application.
- (viii) To develop skills involved in selecting, developing and using evaluation tools
- (ix) To provide knowledge and develop understanding about various aspects of school management.
- (x) To develop competencies for organizing various instructional and student –support activities.
- (xi) To develop an appreciation of the role of the teacher in the prevailing socio-cultural and political context in general and the educational system in particular.

Programme Outcomes

After completion of the Bachelor of Education (B.Ed.) ODL Programme the student teacher will be able-

PO1: To understand various methods and approaches of organizing learning experiences.

PO2: To explain the nature of the learner and the learning processes.

PO3: To select and use skills in organizing learning experiences.

PO4: To deal the academic and personal problems of learners.

PO5: To assess the learners performance.

PO6: To use the procedures and techniques of assesment and evaluation

PO7: To explain various aspects of school management.

PO8: To compare the role of teacher and other professions.

PO9: To recognize the role of teacher in socio-cultural and political context in general and the educational system in particular.

PO10: To demonstrate teaching competencies in teaching.

Utility of the Programme

- The skills, competencies and values may be enriched the prospect teachers of secondary level Education.
- The professional competency may be strengthen in In-service and Pre-service secondary teachers.
- The opportunities for Higher Education and Research in the field of Education may be arise.

Job Opportunities

- In the field of teaching at secondary level Education.
- In the field of Educational Administration.

Social Effect

- It is a most popular Programme in the field of Teaching and Learning.

Structer of the Programme

<i>Semester</i>	<i>Paper Nature</i>	<i>Paper Code</i>	<i>Title of the Paper</i>	<i>Credit</i>	<i>Marks</i>	
First Semester	Theory Compulsory	B.Ed. E-01	Childhood and Growing Up	8	100	
		B.Ed. E-02	Contemporary India and Education	8	100	
		B.Ed. E-03	Assessment for Learning	8	100	
	Practical	B.Ed. EPC-I	Reading and Reflecting on texts	4	50	
Second Semester	Theory Compulsory	B.Ed. E-04	Learning and Teaching	8	100	
		B.Ed. E-05	Language across the Curriculum	4	50	
		B.Ed. E-06	Understanding Disciplines and Subjects	4	50	
	Theory Elective (Any one)	B.Ed. E-21	Vocational Education and Work Education	8	100	
		B.Ed. E-22	Health and Physical Education	8	100	
		B.Ed. E-23	Peace Education	8	100	
		B.Ed. E-24	Guidance and Counseling	8	100	
	Practical	B.Ed. EPC-II	Drama and Art in Education	4	50	
	Third Semester	Theory Compulsory	B.Ed. E-07	Creating an Inclusive School	8	100
			B.Ed. E-08	Knowledge and Curriculum- I	4	50
B.Ed. -0E9			Knowledge and Curriculum- II	4	50	
Theory Elective-I (Any one)		B.Ed. E-31	Pedagogy of Hindi	4	50	
		B.Ed. E-32	Pedagogy of English	4	50	
		B.Ed. E-33	Pedagogy of Mathematics	4	50	

		B.Ed. E-34	Pedagogy of Biological Science	4	50
	Theory Elective-II (Any one)	B.Ed. E-41	Pedagogy of Social Studies	4	50
		B.Ed. E-42	Pedagogy of Physical Sciences	4	50
		B.Ed. E-43	Pedagogy of Commerce	4	50
		B.Ed. E-44	Pedagogy of Home Science	4	50
	Practical	B.Ed. EPC-III	Understanding ICT	4	50
Fourth Semester	Theory Compulsory	B.Ed. E10	Gender, School and Society	4	50
	Practical	EPC-IV	Understanding the Self	4	50
		B.Ed. EPC-V	School Internship	20	250

COURSE CONTENTS

B Ed E-01: Childhood and Growing Up

Course Outcomes

After completion of this course the learner will be able –

- CO1 :** To understand the process of human development.
- CO2 :** To explain theoretical perspectives and dimensions of human development
- CO3 :** To recognize individual differences among the learners

CO4 : To Understand the various of variable of psychology

CO5 : To analyse the implications of group psychology

Block	Unit	Title
1 Basics of Educational Psychology	1	Educational Psychology : Meaning and Concepts
	2	Schools and Methods of Educational Psychology
	3	Principles and Stages of Growth and Development
2 Psychology of Development	4	Physical and Emotional Development
	5	Cognitive and Language Development
	6	Social and Moral Development
3 Intelligence, Personality and Creativity	7	Intelligence : Concept, Theories and Measurement
	8	Personality : Concept, Theories and Measurement
	9	Creativity : Concept and Measurement
4 Motivation, Memory and Conflict	10	Thinking, Reasoning and Problem Solving
	11	Remembering, Forgetting, Habit Formation and Discipline
	12	Tension, Frustration and Conflict
5 Exceptional Child, Mental Health and Group Psychology	13	Exceptional Children
	14	Mental Health & Hygiene and Adjustment
	15	Group Psychology

B Ed E-02: Contemporary India and Education

Course Outcomes

After completion of this course the learner will be able –

CO1 : To understanding the philosophy and educational views of Indian and Western thinkers

CO2 : To appreciate the unity and strengths of Indian diversities.

CO3 : To acquire knowledge about the salient features of Indian Constitution.

CO4 : To explain the various educational issues in contemporary India.

CO5 : To appraise about the policy initiatives taken in educational reforms in India.

Block	Unit	Title
1 Educational Development	1	Meaning and Concept of Education : Ancient to Present
	2	National System of Education : Role of State-Centre
	3	Constitutional Provisions of Education
2 Indian Educational Thinkers	4	Educational Thoughts of Gandhi and Tagore
	5	Educational Thoughts of Aurobindo and Vivekanand
	6	Educational Thoughts of Krishnamurti and Gijju Bhai
3 Schools of Educational Philosophy	7	Indian Philosophical Ideas
	8	Idealism and Naturalism
	9	Realism, Pragmatism and Existentialism
4	10	Universalization of Elementary and Secondary Education

Contemporary Issues of Education	11	Education for development of Responsible Citizens
	12	Education for Conservation of Environment
5 Quality in Education	13	Quality in Education : Meaning, Indicators and Standards for Performance
	14	Liberalization, Privatization and Globalization in Education
	15	Enhancement of Quality in Secondary Education

B Ed E-03: Assessment for Learning

Course Outcomes

After completion of this course the learner will be able –

CO1 : To explain the concepts of measurement assessment and evaluation.

CO2 : To understand the various issues in assessment and evaluation.

CO3 : To elaborate different kinds and forms of assessment of learning.

CO4 : To applied a wide range of assessment tools.

CO5 : To analyse Policy Perspective and Trend in Assessment.

Block	Unit	Title
1	1	Meaning and Concepts of Assessment, Measurement and Evaluation

Perspectives of Assessment	2	Purposes of Assessment
	3	Classification of Assessment
2 Programme for Assessment	4	Taxonomies of Educational Objectives
	5	Behavioral Objectives
	6	Construction of Assessment Programme
3 Tools and Techniques for Assessment	4	Techniques and Tools for Assessment
	5	Assessment Devices
	6	Qualities of a Good Measuring Tool
4 Tests and its Standardization	10	Tests and Types of Tests Items
	11	Construction of Achievement Test
	12	Processing and Reporting Students Performance
5 Existing Practices and Issues of Assessment	13	Grading and Scaling
	14	Problems and Issues of Examination
	15	Policy Perspective and Trend in Assessment

B Ed E-04: Learning and Teaching

Course Outcomes

After completion of this course the learner will be able –

CO1 : To understand the concept of learning and various learning theories.

CO2 : To Acquire understanding the Factors of Influencing Learning.

CO3 : To explain the concept of teaching from various perspectives.

CO4 : To illustrate various Approaches of Learning

CO5 : To analyse teaching strategies to address diversity of students in a classroom.

Block	Unit	Title
1 Understanding Learning	1	Learning: Concept, Nature, Types
	2	Learning Theories of Skinner and Pavlov
	3	Learning Theories of Thorndike, Koehler and Gagne
2 Factors Influencing Learning	4	Factors Influencing Learning
	5	Transfer of learning
	6	Approaches of Learning
3 Nature of Teaching	7	Teaching: Concept, Levels and Phases
	8	Teaching skills and Micro Teaching
	9	Teachers' Roles and functions in the phases of teaching
4 Approaches and strategies of Teaching	10	Learner centric approaches
	11	Teachers centric strategies
	12	Group centric approaches and strategies

5 Teaching organizing of Learning Process	13	Planning and Decision making in Teaching
	14	Issues and concerns in classroom learning
	15	Maxim of teaching, Issues of Media and Professionalism.

B Ed E-05: Language across the Curriculum

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To understand the Origin and Development of Language
- CO2:** To understand various medium of instruction of language
- CO3:** To differentiate Various Language issues in classroom
- CO4:** To generalized Various Skills of Language diversity in classroom.
- CO5:** To analyse the nature of classroom interaction.

Block	Unit	Title
1 Origin and Development of Language	1	Origin of Indian Language
	2	Development of Language
	3	Norms of Standard Language
2 Instructional Language	4	National and Regional Language
	5	Medium of Instruction
	6	Three Language formula
3 Understanding the Language	7	Language diversity in classroom
	8	Language Proficiency
	9	Language issues in schools
4	10	Reading and Writing Skills

Skills of Language	11	Listening and Speaking Skills
	12	School of Writing
5 Understanding the nature of classroom interaction	13	Communication Skills in Language
	14	Classroom Interaction
	15	Use of ICT in Classroom

B Ed E-06: Understanding Disciplines and Subjects

Course Outcomes:

After completion of this course the learner will be able –

- CO1 :** To understand the Nature and Role of Discipline.
- CO2 :** To analyze the School curriculum in Languages.
- CO3 :** To analyze the School curriculum in Social sciences
- CO4 :** To analyse School curriculum in Sciences
- CO5 :** To analyse School curriculum in MATHMETICS

Block	Unit	Title
1 Nature and Role of Discipline Knowledge	1	Nature of Disciplines
	2	Role of Disciplines in Knowledge Development
	3	Paradigm shift in Disciplines
2 Analysis of School curriculum in Languages	4	Salient features of School Curriculum in Languages
	5	Methods of Languages
	6	Relevance of Languages in School Curriculum
3 Analysis of School curriculum in Social sciences	7	Salient features of School Curriculum in Social Sciences
	8	Methods of Social Sciences
	9	Relevance of Social Sciences in School Curriculum
4 Analysis of School curriculum in Sciences	10	Salient features of School Curriculum in Sciences
	11	Methods of Sciences
	12	Relevance of Sciences in School Curriculum
5	13	Salient features of School Curriculum in Mathematics

Analysis of School curriculum in Mathematics	14	Methods of Mathematics
	15	Relevance of Mathematics in School Curriculum

B Ed E-21: Vocational and Work Education

Course Outcomes:

After completion of this course the learner will be able –

CO1 : To understand of vocational education & its relevance.

CO2 : To analyse vocational assessment and make vocational training plan.

CO3 : To explain plan for transition from School to job.

CO4 : To classify various avenues for job placement.

CO5 : To facilitate in making choice of vocational trades.

CO6 : To acquire the concept of independent living and empowerment.

Block	Unit	Title
1 Vocational Education	1	Vocational Education; Nature, Relevance and Types
	2	Scope and Need for Vocational Education
	3	Agencies for Vocational Education
2 Work Education	4	Nature of work Education
	5	Principles of Work Education
	6	SUPW
3 Vocational and Work Education	7	Identification of Vocation and Work
	8	Selection of Vocation and Work
	9	Follow –up
4 Role of School in vocational & work Education	10	Career Information
	11	Career Guidance
	12	Training for Special Groups
5	13	Role of other Agencies

Recent trends of Vocational and work education	14	Employment Bureau/Schemes of self employment/ Placement Services
	15	Recent trends of Vocation and Work Education

B Ed E-22: Health and Physical Education

Course Outcomes:

After completion of this course the learner will be able –

CO1 : To understand the concept of holistic health, its various dimensions and determinants

CO2 : To develop positive attitude towards health and physical education as individual.

CO3 : To sensitise, motivate and help them to acquire the skills for physical fitness, learn correct postural habits and activities.

CO4 : To understand various policies and programmes related to health and physical education.

CO5 : To create interest for the practice of yogasanas and meditations.

CO6 : To use the process of assessment of health and physical fitness.

Block	Unit	Title
1 Health and Hygiene	1	Health: Meaning, Types and Factors Influencing Health
	2	Health Indicators and Technique
	3	Hygiene: Meaning, Scope and Importance
2 Health Education	4	Health Education: Meaning, Scope and Need
	5	Objectives and Curriculum of Health Education
	6	Methods and Techniques of Health Education
3 Food and Nutrition	7	Health and Nutrition
	8	Diet Therapy
	9	Advanced Nutrition, Recommended, Dietary Allowances
4	10	Public health: Nature, scope, Significance and Types

Health services	11	Community Nutrition
	12	Health Programmes- Prevention from Community Diseases
5 Physical Education	13	Physical Exercise in Schools
	14	Meditation & Yogic Asans
	15	Martial Arts

B Ed E-23: Peace Education

Course Outcomes:

After completion of this course the learner will be able –

- CO1 :** To understand the Concept and Relevance of Peace Education in India.
- CO2 :** To develop Positive attitude towards Promotion of Peace for Social Security
- CO3 :** To understand various policies and programmes related to Peace education.
- CO4 :** To understand sensitise, motivate and help in Society for Peace
- CO5 :** To create interest for the practice of major issues in Education for Peace

Block	Unit	Title
1 Concept and Relevance of Peace Education	1	Peace Education: Meaning, Relevance and Significance of Peace Education
	2	Historical Perspective of Peace Education
	3	Indian Perspective in Peace Education
2 Dangers to Social Security	4	Terrorism, Wars and Naxalism
	5	Natural Calamities
	6	Promotion of Peace for Social Security
3 Education for Peace	7	Meaning and Concept of Difference in Education for Peace
	8	Strategies for Education for Peace
	9	International Efforts for Peace Education
4 Role of teacher in Education for Peace	10	Role of Teacher in the Context of Education for Peace
	11	Need for sensitizing learner for peace
	12	Role of Media in Peace Education

5 Major issues in Education for Peace	13	Legal aspects of Peace Education
	14	Factors influencing Education for Peace
	15	Training of Teachers for Education for Peace

B Ed E-24: Guidance and Counseling

Course Outcomes:

After completion of this course the learner will be able –

CO1 : To understand the skills of guidance and counseling in classroom situations.

CO2 : To describe the process of development of self-image and self-esteem.

CO3 : To appreciate the types and issues of counseling and guidance in inclusive settings.

CO4 : To acquaint the aims of vocational guidance and career counseling programme.

CO5 : To develop the understanding of various procedures of organizing various vocational guidance and career counseling services.

Block	Unit	Title
1 Nature and Scope of Guidance	1	Guidance; Meaning, Scope, Need and Significance
	2	Psychological Basis of Guidance
	3	Models of Guidance
2 Types of Guidance	4	Personal Guidance
	5	Vocational Guidance
	6	Educational Guidance
3 Basis of Counseling	7	Meaning and Approaches to counseling
	8	The Counselor
	9	Types of counseling
4 School Guidance and counseling	10	Theories of Guidance and Counseling
	11	School Guidance and counseling services

services	12	Guidance and counseling at various stages of schools
5 Recent trends in guidance and counseling	13	Follow-up Services
	14	Use of ICT
	15	Guidance and Counseling for special groups

B Ed E-07: Creating an Inclusive School

Course Outcomes:

After completion of this course the learner will be able –

- CO1 :** To understand the meaning and significance of Inclusive education
- CO2 :** To achieve knowledge on Policy and legislative frameworks promoting inclusion
- CO3 :** To create inclusive classrooms and use inclusive pedagogy
- CO4 :** To understand the linkages and collaborations for resource mobilization.
- CO5 :** To better understanding about inclusive school

Block	Unit	Title
1 Introduction to Inclusive Education	1	Marginalization vs Inclusive Education, Segregation and Integrations
	2	Principles of Inclusive Education and Diversity in Classroom
	3	Barriers to inclusive Education
2 Policies & Frameworks Facilitating Inclusive Education	4	Universal Declaration of Human Rights
	5	International Conventions and Frameworks
	6	National policies, Programmes, Acts and Commission
3 Adaptations, Accommodations and Modifications	7	Meaning, Difference, Needs and Steps
	8	Children with Sensory, Neuro-developmental, Loco Motor & Multiple Disabilities
	9	Gifted Children
4 Inclusive Academic Instructions	10	Universal Design for learning
	11	Differentiated and Peer Mediated instructions

	12	ICT for instructions
5 Supports and Collaborations for Inclusive Education	13	Stakeholders of Inclusive Education, Advocacy & Leadership for Inclusion
	14	Family & Community support involvement for Inclusion
	15	Resource Mobilization for Inclusive Education

B Ed E-08: Knowledge and Curriculum- I

Course Outcomes:

After completion of this course the learner will be able –

CO1 : To understand the Philosophical Perspective of Knowledge

CO2 : To develop Construction process of Knowledge

CO3 : To defferatiate the knowledge, aulturaly, symbols, values and child-friendly in pedagogy.

CO4 : To Aquired Knowledge of Inclusion and Exclusion of Different Social Groups in Curriculum.

Block	Unit	Title
1 Understanding the Knowledge	1	Knowledge- Concept, Nature and its Kinds
	2	Sources of Knowledge
	3	Methods of obtaining Knowledge
2 Philosophical Perspective of Knowledge	4	Metaphysics - Meaning, Concepts and it Implication in Education
	5	Epistemology - Meaning, Concepts and it Implication in Education
	6	Axiology - Meaning, Concepts and it Implication in Education
3 Construction of Knowledge	7	Paradigm Shift of Knowledge
	8	Knowledge and Pedagogy: Constructivist, Alternative and Blended
	9	Construction process of Knowledge
4	10	The Four Pillars of Education (Delores Commission Report)

Educationa and Knowledge	11	Futurology of Education
	12	Creators of Knowledge
5 Knowledge and Power	13	Sociological Perspective of Knowledge
	14	Inclusion and Exclusion of Knowledge of Different Social Groups in Curriculum
	15	Role of Education to Remove Diversities

B Ed E-09: Knowledge and Curriculum- II

Course Outcomes:

After completion of this course the learner will be able –

CO1 : To understand the basic concepts and process of curriculum

CO2 : To analyze text books objectives of education and learning outcome.

CO3 : To analyze various curriculum framework related to teacher education

CO4 : To organized the Curriculum Engagement and Transduction

CO5 : To understand Curriculum Evaluation and Research

Block	Unit	Title
1 Curriculum and Related Concepts	1	Curriculum: Meaning, Nature, Need and Types
	2	Differences between (i)Curriculum, Syllabus and Content (ii)Teaching and Instruction (iii)Text Books and Reference Books (iv)Supplementary Books and Work Books
	3	Curriculum Determinants
2 Critical Appraisal of Curriculum	4	National Curriculum Framework- 2005 (NCF 2005)
	5	National Curriculum Framework for Teacher Education-2009

		(NCFTE 2009)
	6	International Consideration for Curriculum Development
3 Curriculum Planning	7	Curriculum Planning: Concept, Need and Objectives
	8	Approaches of Curriculum
	9	Models of Curriculum
4 Curriculum Engagement and Transduction	10	Role of School philosophy for Curriculum Engagement
	11	Infrastructural Support and Curriculum Engagement
	12	Curriculum Transduction
5 Curriculum Evaluation and Research	13	Curriculum Evaluation
	14	Contemporary Issues of Curriculum
	15	Research in Curriculum

B Ed E-31: Pedagogy of Hindi

Course Outcomes:

After completion of this course the learner will be able –

CO1 : To explain the contribution of language in the development of individual and society development.

CO2 : To identify the skills of using Hindi language.

CO3 : To understand behavioural objective of Hindi teaching

CO4 : To develop unit plan and lesson planning.

CO5: To competent to use various teaching methods and techniques

CO6 : To use various techniques to evaluate the achievement of the learner in Hindi language.

Block	Unit	Title
1 हिन्दी भाषा के आधार	1	हिन्दी भाषा की प्रकृति और प्रकार्य
	2	हिन्दी भाषा की अधिगम प्रक्रिया
	3	विद्यालयी स्तर पर हिन्दी भाषा की पाठ्यचर्या एवं उसमें सुधार
2 हिन्दी भाषा शिक्षण के लिए व्यूह रचना— प्रथम	4	हिन्दी के भाषिक तत्व
	5	श्रवण एवं मौखिक अभिव्यक्ति के कौशल का विकास
	6	पठन योग्यता एवं लिखित अभिव्यक्ति कौशल का विकास
3 हिन्दी भाषा शिक्षण के लिए व्यूह रचना— द्वितीय	7	कविता शिक्षण
	8	गद्य की अन्य विधाओं का शिक्षण
	9	व्याकरण शिक्षण
4 हिन्दी भाषा अधिगम का मूल्य निर्धारण	10	भाषा सम्प्राप्ति मूल्यांकन
	11	भाषा परीक्षण एवं परीक्षण पदों की रचना
	12	निदानात्मक एवं उपचारात्मक कार्य
5 हिन्दी भाषा में अधिगम संसाधन	13	अधिगम संसाधन: अर्थ, प्रकार, कार्य, निर्माण एवं उपयोग
	14	भाषा प्रयोगशाला और भाषा शिक्षक

	15	क्रियात्मक शोध और समुन्नयन कार्य
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B Ed E-32: Pedagogy of English

Course Outcomes:

After completion of this course the learner will be able –

CO1 : To understand the principles of language teaching, evolution and trends in English literature.

CO2 : To prepare an instructional plan in English.

CO3 : To adapt various approaches and methods to teach English language.

CO4 : To use various techniques to evaluate the achievement of the learner in English.

CO5 : To know the criteria of good book of English.

Block	Unit	Title
1 Foundations of English Language	1	Nature of English Language
	2	Learning of English Language
	3	Curriculum Reforms in School English Language
2 Strategies for Teaching English Language-1	4	Teaching of Listening
	5	Developing Speaking/ Oral Activities
	6	Speaking Activities and Listening Comprehensive
3 Strategies for Teaching English Language -II	7	The Reading Process and Developing Reading Skills
	8	Teaching Writing and Study Skills
	9	Teaching Grammar
4 Assessment of and for English	10	Stating Measurable Objectives
	11	Construction of Test Items and Test

Language Learning	12	Diagnosing and Remedial Work in English Language Teaching
5 Learning Resource in English Language	13	Meaning, Types, function, Preparation and Utilization of Learning Resources
	14	Text Book, Drama, Debate and Speech Programme
	15	Language Laboratory and English Language Teacher

B Ed E 33: Pedagogy of Mathematics

Course Outcomes:

After completion of this course the learner will be able –

CO1: To Explain the nature of Mathematics and its historical development with contribution of Mathematicians.

CO2: To describe the aims and objectives of teaching Mathematics at school level.

CO3: To demonstrate and apply skills to select and use different methods of teaching Mathematics.

CO4: To demonstrate competencies of planning for teaching Mathematics, organizing laboratory facilities and equipment designing pupil centered teaching learning experiences.

CO5: To demonstrate skills to design and use various evaluation tools to measure learner achievement in Mathematics.

Block	Unit	Title
Block- 1 Foundations of Mathematics	1	Nature of Mathematics
	2	Learning of Mathematics, Psychology of Learning and Teaching of Mathematics Constructivism and Enactivisms
	3	Curriculum Reforms, Aims and Objectives of Teaching Mathematics
Block- 2 Strategies for Teaching Mathematics-I	4	Teaching of Mathematical Concepts
	5	Learning by Exposition and Learning by Discovery
	6	Learning Mathematics in Groups, Group Work and Cooperative or Collaborative Strategies
Block- 3 Strategies for Teaching Mathematics-II	7	Teaching for Understanding Proof
	8	Teaching Problem Solving in Mathematics, Definition and Importance
	9	Problem Solving in Algebra and Geometry
Block- 4	10	Stating Measurable Objectives of Teaching Concepts, Generalizations, Problems Solving and Proof

Assessment of and for Mathematics Learning		
	11	Construction of Test Items for Assessing Product and Process Outcomes, Diagnostic Test and Remedial Teaching
	12	Construction of Unit Tests, Blue Print, Construction of Question Paper
Block- 5 Learning Resource in Mathematics	13	Learning Resources; Meaning, Types Preparation and Utilization of Resources
	14	Text Book, Calculators, Models and Computers, Graphic Calculators
	15	The Mathematics Laboratory, Mathematics Outside and in the Classroom

B Ed E-34: Pedagogy of Biological Science

Course Outcomes:

After completion of this course the learner will be able –

CO1 : To explain the role of science in day to day life and its relevance to modern society.

CO2 : To describe the aims and objectives of teaching science at school level.

CO3 : To demonstrate and apply skills to select and use different methods of teaching the content of sciences.

CO4 : To demonstrate competencies of planning for teaching sciences, organizing laboratory facilities and equipment designing pupil centered teaching learning experiences.

CO5 : To demonstrate skills to design and use various evaluation tools to measure learner achievement in sciences.

Block	Unit	Title
1 Foundations of Biological	1	Nature of Biological Sciences
	2	Learning of Biological Sciences, Psychology of Learning and Teaching of Biological Sciences, Constructivism and Enactivism

Sciences	3	Curriculum Reforms; Aims and objectives of Teaching Biological Sciences
2 Strategies for Teaching Biological I Sciences -I	4	Teaching of Biological Sciences Concepts
	5	Learning by Exposition and Learning by Discovery
	6	Learning Biological Sciences in Groups, Group Work and Cooperative or Collaborative Strategies
3 Strategies for Teaching Biological Sciences -II	7	Co-Curricular and Non Formal Approaches in Biological Science Learning
	8	Programmed Instruction in Biological Science Learning
	9	New Approaches in Biological Science Teaching
4 Assessment of and for Biological Sciences Learning	10	Stating Measurable Objectives of Teaching Concepts, Generalizations, Problems Solving and Project Method
	11	Construction of Test Items For Assessing of Product and Process Outcomes, Diagnostic Test and Remedial Teaching
	12	Construction of Unit Tests, Blue Print, Constructions of Question Paper
5 Learning Resource in Biological Sciences	13	Learning Resources; Meaning, Types Preparation and Utilization Of Resources
	14	Text Books, Journals, Handbooks, Students Work Books
	15	The Biological Sciences Laboratory, Biological Sciences Outside And in the Classroom

B Ed E-41: Pedagogy of Social Studies

Course Outcomes:

After completion of this course the learner will be able –

CO1: To explain the concept, nature and scope of social science.

CO2: To develop competencies for designing unit and lesson plans, as well as tools of evaluation for social science teaching.

CO3: To develop skills in preparation and use of support materials for effective social science teaching.

CO4: To develop the ability to organize co-curricular activities and community resources for promoting social science learning.

Block	Unit	Title
1 Foundations of Social Studies	1	Nature of Social Studies
	2	Learning of Social Studies, Psychology of Social Studies, Learning and Teaching of Social Studies, Constructivism and Enactivism
	3	Curriculum Reforms, Aims and Objectives of Teaching Social Studies
2 Strategies for Teaching Social Studies -I	4	Teaching of Social Studies Concepts
	5	Learning by Exposition and Learning by Discovery
	6	Learning Social Studies in Groups, Group Work and Cooperative or Collaborative Strategies
3 Strategies for Teaching Social Studies-II	7	Co-Curricular and Non Formal Approaches in Social Studies Learning
	8	Programmed Instruction in Social Studies Learning
	9	New Approach in Social Studies Teaching
4 Assessment of and for Social Studies	10	Stating Measurable Objectives of Teaching Concepts, Generalizations Problems Solving and Project Method
	11	Construction of Test Items for Assessing Product and Process Outcomes, Diagnostic Test and Remedial Teaching
	12	Construction of Unit Tests, Blue Print, Construction of Question Paper
5 Learning Resource in Social	13	Learning Resources; Meaning, Types Preparation and Utilization Of Resources
	14	Text Books, Journals, Handbooks, Students Work Books

Studies	15	The Social Studies Laboratory, Social Studies Out Side and in the Classroom
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B Ed E-42: Pedagogy of Physical Science

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To explain the concept, nature and scope of physical science.
- CO2:** To develop competencies for designing unit and lesson plans, as well as tools of evaluation for physical science teaching.
- CO3:** To develop skills in preparation and use of support materials for effective physical science teaching.
- CO4:** To develop the ability to organize co-curricular activities and community resources for promoting physical science learning.

Block	Unit	Title
1 Foundations of Physical Sciences	1	Nature of Physical Sciences
	2	Learning of Physical Sciences, Psychology of Learning and Teaching of Physical Sciences, Constructivism and Enactivism
	3	Curriculum Reforms; Aims and Objectives of Teaching Physical Sciences
2 Strategies for Teaching Physical Sciences -I	4	Teaching of Physical Sciences Concepts
	5	Learning by Exposition and Learning by Discovery
	6	Learning Physical Sciences in Groups, Group Work and Cooperative or Collaborative Strategies
3 Strategies for Teaching Physical Sciences -II	7	Co-Curricular and Non Formal Approaches in Physical Science Learning
	8	Programmed Instruction in Physical Science Learning
	9	New Approaches in Physical Science Teaching
4 Assessment of and for Physical Sciences Learning	10	Stating Measurable Objectives of Teaching Concepts, Generalizations, Problems Solving and Project Method
	11	Construction of Test Items for Assessing of Product and Process Outcomes, Diagnostic Test and Remedial Teaching

	12	Construction of Unit Tests, Blue Print, Test Constructions and Question Paper
5 Learning Resource in Physical Sciences	13	Learning Resources; Meaning, Types Preparation and Utilization Of Resources
	14	Text Books, Journals, Handbooks, Students Work Books
	15	The Physical Sciences Laboratory, Physical Sciences Outside and in the Classroom

B Ed E-43: Pedagogy of Commerce

Course Outcomes:

After completion of this course the learner will be able –

CO1: To explain the concept, nature and scope of commerce.

CO2: To understand the function of commerce.

CO3: To develop competencies for designing unit and lesson plans, as well as tools of evaluation for commerce teaching.

CO4: To develop skills in preparation and use of support materials for effective commerce teaching.

CO5: To develop the ability to organize co-curricular activities and community resources for promoting commerce learning.

Block	Unit	Title
1 Foundations of Commerce	1	Nature of Commerce
	2	Learning of Commerce, Psychology of Learning and Teaching of Commerce Constructivism and Enactivism
	3	Curriculum Reforms, Aims and Objectives of Teaching Commerce
2 Strategies for Teaching	4	Teaching of Commerce Concepts
	5	Learning by Exposition and Learning by Discovery

Commerce -I	6	Learning Commerce in Groups, Group work and Cooperative or Collaborative Strategies
3 Strategies for Teaching Commerce -II	7	Co-Curricular and Non Formal Approaches in Commerce Learning
	8	Programmed Instruction in Commerce Learning
	9	New Approach in Commerce Teaching
4 Assessment of and for Commerce Learning	10	Stating Measurable Objectives of Teaching Concepts, Generalizations, Problems Solving and Project Method.
	11	Construction of Test Items for Assessing Product and Process Outcomes, Diagnostic Test and Remedial Teaching.
	12	Construction of Unit Tests, Blue Print, Construction of Question Paper
5 Learning Resource in Commerce	13	Learning Resources Meaning, Types Preparation and Utilization of Resources
	14	Text Books, Journals, Handbooks, Students Work Books
	15	Commerce Laboratory, Commerce Out side and in the Classroom

B Ed E-44: Pedagogy of Home Science

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To explain the concept, nature and scope of home science.
- CO2:** To develop competencies for designing unit and lesson plans, as well as tools of evaluation for home science teaching.
- CO3:** To develop skills in preparation and use of support materials for effective home science teaching.
- CO4:** To develop the ability to organize co-curricular activities and community resources for promoting home science learning.

Block	Unit	Title
Block- 1 Foundations of Home Science	1	Nature of Home Science
	2	Learning of Home Science, Psychology of Learning and Teaching of Home Science, Constructivism and Enactivism
	3	Curriculum Reforms, Aims and Objective, of Teaching Home Science
Block- 2 Strategies for Teaching Home Science-I	4	Teaching of Home Science Concepts
	5	Learning by Exposition and Learning by Discovery
	6	Learning Home Science in Groups, Group Work and Cooperative or Collaborative Strategies
Block- 3 Strategies for Teaching Home Science-II	7	Co-Curricular and Non Formal Approaches in Home Science Learning
	8	Programmed Instruction in Home Science Learning
	9	New Approach in Home Science Teaching
Block- 4 Assessment of and for Home Science Learning	10	Stating Measurable Objectives of Teaching Concepts, Generalizations, Problems Solving and Project Method
	11	Construction of Test Items for Assessing Product and Process Outcomes, Diagnostic Test and Remedial Teaching
	12	Construction of Unit Tests, Blue Print, Construction of Question Paper
Block- 5 Learning Resource in Home Science	13	Learning Resources; Meaning, Types, Preparation and Utilization Of Resources
	14	Text Books, Journals, Handbooks, Students Work Books
	15	The Home Science Laboratory, Home Science Outside and in the Classroom.

B Ed E-10: Gender, School and Society

Course Outcomes:

After completion of this course the learner will be able –

CO1: To understand familiarity with key concepts related gender issue.

CO2: To know about policies, plans and schemes of the government for addressing all forms of disparities and inequalities existing in the society

CO3: To understand gender issues in curriculum, school and society.

CO4: To explain gender based violence in society and evolve strategies for addressing it.

CO5: To promoting the gender equity in society.

Block	Unit	Title of the Unit
1 Gender: Concepts and Issues	1	Concepts of Gender, Sex and Sexuality, Types of Gender
	2	Equity and Equality in Education with Respect to Gender
	3	Gender Bias: Concept, Factors and Remedies for Removing Gender Bias
2 Gender Studies: Paradigm Shift	4	Historical Perspective of Gender Studies
	5	Theories of Gender Studies
	6	Factors Influencing Paradigm Shift in Gender Studies
3 Gender, Power and Education	7	Gender Identities and Social Practices
	8	Inequalities in Education of Girls
	9	Legal Right for Women
4 Gender Issues in Curriculum	10	Gender Disparities in Curriculum
	11	Gender Equality in School: Need and strategies
	12	Committees and Commissions on Women Education
5	13	Concept, Strategies and Issues of Women Empowerment

Woman Empowerment	14	Current Social Structure and Girls Education
	15	Role of Education and Society in Woman Empowerment

B.Ed. ODL Practicals

First Semester

B Ed EPC-01: Reading and Reflecting on texts

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To read and respond to written texts in a right way.
- CO2:** To examine and appreciate authentic literary and non-literary texts.
- CO3:** To develop study and reference skills
- CO4:** To reflect his/her thoughts on the ideas expressed in the texts.
- CO5:** To demonstrate plan, draft, edit and present a piece of writing.

Required Activities

All the activities will be recorded in practical files.

1. Collect two views/articles from news papers/magazines on burning issues of education and write your comments on each collected article or views.
2. Review of any education related books or autobiography of some educationist

Second Semester

B Ed EPC-02: Drama and Art in Education

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To find basics differences in art and drama.
- CO2:** To discriminate artistic and aesthetic sensibility.
- CO3:** To judge the beauty in different art forms, through genuine exploration, experience and free expression.
- CO4:** To develop skills for integrating different art forms across school curriculum.

CO5: To site the rich cultural heritage of the country.

Required Activities

All the activities will be recorded in practical files.

1. Students will write an essay on the local culture and art forms/ famous educational T V shows
2. Prepare a report of Cultural Activities/ Visit to a art gallery, exhibition and cultural festivals

Third Semester

B Ed EPC-03: Understanding ICT

Course Outcomes:

After completion of this course the learner will be able –

CO1: To explained the basics concept of ICT.

CO2: To demonstrate the main components of the computer hardware.

CO3: To use the computer and its applications in his/her teaching-learning activitis.

CO4: To construct of ICT based Teaching Aids.

CO5: To use the ICT in measurement and evaluation.

Required Activities

All the activities will be recorded in practical files. The list of acitivites is as follows:-

Understanding Basics of ICT, Basic Structure of Computer and Operating Computer

1. MS Word-Creating, Opening and Saving Documents
2. Preparation of Excel Sheets, Power Point Presentation
3. Editing and Formatting Text, Viewing and Formatting and Proofing a Documents

4. Installation of Software, Antivirus etc.
5. Data Storage
6. Use of MS Word, Excel and Access in Education
7. Using Internet
8. Computer, Networks, Distributed Processing
9. Preparation of ICT Based Teaching Aids

Fourth Semester

B Ed EPC-04: Understanding the Self

Course Outcomes:

After completion of this course the learner will be able

- CO1:** To explain the concepts of self and identity.
- CO2:** To develop his/her understanding of self.
- CO3:** To use Soft Skills in his/ her life.
- CO4:** To organize different programmes for Conservation of Environment and health consciousness.
- CO5:** To appreciate the critical role of teachers in promoting self and students' well-being.

Required Activities

All the activities will be recorded in practical files. The list of activities is as follows:-

- Workshop for Soft Skill Development
- Journal Writing
- Participation of Social Activities
- Participation in Vriksharopan and Swachchhata Abhiyan
- Visit to Rural and Slum Areas

B Ed EPC-05: School Internship

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To construct Unit Plans, Micro Teaching Plans and Lesson Plans.
- CO2:** To develop Learning Resources.

CO3: To organize Sports and Games activities in the institution.

CO4: To organize Academic and Cultural Activities in the institution.

CO5: To teach, examine the student performance and documentation in an effective manner.

Required Activities

All the activities will be recorded in practical files. The list of activities is as follows:-

- **Workshop-1 (One Week)**
Preparation of Skill Plan, Preparation Unit plan, Micro Teaching and Lesson Planning
- **Workshop-2 (One Week)**
Development of Learning Resources (Charts & Diagrams Development, Graphs and Figures Development, Models Development, Audio, Video and Audio- Video Aids, Multi Media Presentation)
- **Participation in All School Activities (60 Day)**
Morning Assembly, Attendance, School Library, Administration of Psychological Tool, Staff and Parents Meetings, Maintenance of school Records, Health Checkup and its Records, Letters to the Parents and others, Organization of Sports and Games, Organization of Group Discussion / Debates / Symposium / Seminar, Cultural Activities, Construction of Question Papers, Observation of School and its Classroom, Participate in Planning, Teaching, Examination, Assessment, Evaluation, Interaction with School Teachers, Assessment of Teaching Learning Process in School and Peer Group etc.
- **Practice Teaching**
20 Lessons in Each School Subject (10 Lessons under the Supervision of Mentor in Each School Subject, 05 Lessons under the Supervision of School Principal and 05 Lessons under the Supervision of Teacher Educator).

Mapping of Curricula to Programme Outcomes

Programme Outcomes → Course Outcomes ↓	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
C11	✓									
C12		✓								
C13										✓
C14							✓			
C15						✓				
C21	✓									
C22				✓						
C23					✓					
C24							✓			
C25										✓
C31								✓		
C32	✓									
C33									✓	
C34						✓				
C35						✓				
C41	✓									
C42			✓							
C43		✓								
C44						✓				
C45						✓	✓			
C51	✓									
C52		✓								
C53									✓	
C54				✓						
C55							✓			

C61	✓									
C62						✓				
C63						✓				
C64						✓				
C65						✓				
C211	✓									
C212						✓				
C213		✓								
C214			✓							
C215							✓			
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C221	✓									
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C241			✓							
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C244				✓						
C245							✓			
C71	✓									
C72			✓							
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C74							✓			
C75										✓
C81	✓									
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C83									✓	
C84						✓				
C91		✓								
C92			✓							
C93			✓							
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C444			✓			✓					

C101	✓									
C102			✓							
C103			✓							
C104		✓								
C105										✓
CP11					✓					
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CP54			✓				✓			
CP55				✓						

B.Ed. (Spl. ODL.) PROGRAMME

Programme Objectives

The Bachelor of Education Special Education (B.Ed. Special Education) Degree programme shall enable the practicing individuals, in the field of rehabilitation, to achieve the following objectives-

- (i) Provide individuals with positive attitude towards disabled persons an opportunity of promotion in their professional career.
- (ii) To develop positive attitude and support towards disabled individuals.
- (iii) To develop skills required for dealing of various academic social and personal problems of the disabled students.
- (iv) To understand the nature of the developmental characteristics, peronality and learning process of the general as well as disabled students of different age groups.
- (v) To stengthen the professional compmetencies of the teachers of disabled students.
- (vi) To imbibe knowledge and develop an understanding of the various methods and approaches of organizing learning experiences of students expecially with disability.
- (vii) To aquire knowledge and understanding of the various procedures and techniques of evaluation.
- (viii) To acquire skill of applying the various procedures and techniques of evaluation in the classroom situations.
- (ix) To develop skill involved in selecting, developing, and ising various evaluation tools.
- (x) To develop competencies for organizing various types of curricular and co-curricular activities.
- (xi) To acquire knowledge and competencies for organizing various types of instructional and student support activiities.

Programme Outcomes:

After the completion of the programme learner will be able –

- PO1:** To positive attitude towards disabled persons and opportunity of promotion in their professional career.
- PO2:** To develop positive attitude and support towards disabled individuals.
- PO3:** To required skill develop for dealing of various academic social and personal problems of the disabled students.
- PO4:** To understand the nature of the developmental characteristics, personality and learning process of the general as well as disabled students of different age groups.
- PO5:** To strengthen the professional competencies of the teachers of disabled students.
- PO6:** To imbibe knowledge and develop an understanding of the various methods and approaches of organizing learning experiences of students especially with disability.
- PO7:** To acquire knowledge and understanding of the various procedures and techniques of evaluation.
- PO8:** To acquire skill of applying the various procedures and techniques of evaluation in the classroom situations.
- PO9:** To develop skill involved in selecting, developing, and using various evaluation tools.
- PO10:** To develop competencies for organizing various types of curricular and co-curricular activities.
- PO11:** To acquire knowledge and competencies for organizing various types of instructional and student support activities.

Utility of the Programme

- The skills, competencies and values may be enriched the prospect teachers in field of Special and Inclusive Education.

- The professional competency may be strengthen in teachers in field of Special and Inclusive Education.
- The opportunity for Higher Education and Research in the field of Special Education may be arises.

Job Opportunities

- In the field of Teaching and Rehabilitation.
- In the field of Educational Administration.
- In the field of counselling of Special Need Persons.

Social Effect

- It is a much popular Programme in the field of Teaching-Learning and Rehabilitation.

Programme Structure

<i>Semester</i>	<i>Paper Nature</i>	<i>Paper Code</i>	<i>Title of the Paper</i>	<i>Credit</i>	<i>Marks</i>
First Semester	Theory Compulsory	B. Ed. SE-01	Human Growth and Development	4	100
		B. Ed. SE-02	Contemporary India and Education	4	100
		B. Ed. SE-03	Introduction to Sensory Disabilities	2	50
		B. Ed. SE-04	Introduction to Neuro Developmental Disabilities	2	50
		B. Ed. SE-05	Introduction to Locomotor and Multiple Disabilities	2	50
	Practical	B. Ed. SE-PE-01	Cross Disability and Inclusion (Part of area-B)	2	50
Second Semester	Theory Compulsory	B. Ed. SE-06	Learning Teaching and Assessment	4	100
		B. Ed. SE-07	Inclusive Education	2	50
	Theory Elective (Any one)	B. Ed. SE-71	Assessment and Identification of Needs (HI)	4	100
		B. Ed. SE-81	Assessment and Identification of Needs (VI)	4	100
		B. Ed. SE-91	Assessment and Identification of Needs (MR)	4	100
	Theory Elective (Any one)	B. Ed. E-31	Pedagogy of Hindi	4	100
		B. Ed. E-32	Pedagogy of English	4	100
		B. Ed. E-33	Pedagogy of Mathematics	4	100
		B. Ed. E-34	Pedagogy of Biological Sciences	4	100
	Practical	B. Ed. SE-PE-02	Disability Specialization (Part of area C)	2	50
	Third Semester	Theory Elective	B. Ed. SE-72	Curriculum Design Adaptation and Evaluation (HI)	4
B. Ed. SE-82			Curriculum Design Adaptation and Evaluation (VI)	4	100

	(Any one)	B. Ed. SE-92	Curriculum Design Adaptation and Evaluation (MR)	4	100	
	Theory Elective (Any one)	B. Ed. SE-73	Intervention and Teaching Strategies (HI)	4	100	
		B. Ed. SE-83	Intervention and Teaching Strategies (VI)	4	100	
		B. Ed. SE-93	Intervention and Teaching Strategies (MR)	4	100	
	Theory Elective (Any one)	B. Ed. E-41	Pedagogy of Social Studies	4	100	
		B. Ed. E-42	Pedagogy of Physical Sciences	4	100	
		B. Ed. E-43	Pedagogy of Commerce	4	100	
		B. Ed. E-44	Pedagogy of Home Science	4	100	
	Practical	B. Ed. SE-PE-03	Part II Disability Specialization (Part of area C)	4	100	
Fourth Semester	Theory Elective (Any one)	B. Ed. SE-101	Guidance and Counseling	2	50	
		B. Ed. SE-102	Childhood care and Education	2	50	
		B. Ed. SE-103	Applied Behavior analysis (Postponed)	2	50	
		B. Ed. SE-104	Community based Rehabilitation	2	50	
		B. Ed. SE-105	Application of ICT in Classroom (Postponed)	2	50	
		B. Ed. SE-106	Gender and Disability (Postponed)	2	50	
		B. Ed. SE-107	Braille and Assistive Devices (Postponed)	2	50	
	Theory Elective (Any one)	B. Ed. SE-74	Technology and Disability : HI	4	100	
		B. Ed. SE-84	Technology and Education of the Visually Impaired	4	100	
		B. Ed. SE-94	Technology and Disability : MR	4	100	
		Theory	B. Ed. SE-75	Psycho Social and Family Issues : HI	2	50

	Elective (Any one)	B. Ed. SE-85	Psycho Social and Family Issues : VI	2	50
		B. Ed. SE-95	Psycho Social and Family Issues : MR	2	50
	Practical	B. Ed. SE-PE-04	Main disability special school Related area C	4	100
		B. Ed. SE-PE-05	Reading and Reflecting on texts	2	50
		B. Ed. SE-PE-06	Drama and Art in Education	2	50
	Fifth Semester	Theory Compulsory	B. Ed. SE-08	Basic Research & Basic Statistics	2
Theory Elective (Any one)		B. Ed. SE-111	Orientation and Mobility	2	50
		B. Ed. SE-112	Communication options : Oralism/ Aural Rehabilitation and Auditory Approach (Postponed)	2	50
		B. Ed. SE-113	Communication options : Manual options	2	50
		B. Ed. SE-114	Management of Learning Disability (Postponed)	2	50
		B. Ed. SE-115	Vocation Training, Transition and Job Placement	2	50
Practical		B. Ed. SE-PE-07	Field Engagement/Internship-Main disability special School (Related to area C)	4	100
		B. Ed. SE-PE-08	Field Engagement/Internship-Other disability special school (Related to area B)	4	100
		B. Ed. SE-PE-09	Field Engagement/Internship-Inclusive Education (Related to area B&C)	4	100

COURSE CONTENTS

B. Ed. SE-01: Human Growth & Development

Course Outcomes:

After completion of this course the learner will be able –

CO1: To explain the process of development with special focus on infancy, childhood and adolescence.

CO2: To critically analyze developmental variations among children.

CO3: To comprehend adolescence as a period of transition and threshold of adulthood.

CO4: To analyze different factors influencing child development.

Block	Unit	Title
1 Approaches to Human Development	1	Concepts and Principles of growth and development
	2	Stages of Human Development
	3	Developmental Domains
2 Theoretical approaches to development	4	Cognitive & Social-cognitive theories (Piaget, Vygotsky, Bruner, Bandura)
	5	Psychosocial theory (Erikson) and Psychoanalytic theory (Freud)
	6	Bio Ecological Theory (Bronfrenbrenner) and Holistic theory of Development (Steiner)
3 The Early Years (Birth to Eight Years)	7	Prenatal Birth and Neonatal Development
	8	Milestones in Development
	9	Environmental factors influencing early childhood development
4	10	Emerging capabilities across domains related to physical, social, Emotional, cognitive, creativity and ethics

Middle childhood to adolescence (From nine years to eighteen years)	11	Issues related to puberty
	12	Influence of the environment (Social, cultural, political) on the growing child
5 Transitions into Adulthood	13	Psychological Well-being, Formation of identity and Self-concept
	14	Emerging roles and responsibilities
	15	Life Skills and Career Choices

B. Ed. SE-02: Contemporary India and Education

Course Outcomes:

After completion of this course the learner will be able –

CO1: To explain the history, nature and process and Philosophy of education.

CO2: To analyze the role of educational system in the context of Modern Ethos.

CO3: To understand the concept of diversity.

CO4: To develop an understanding of the trends, issues, and challenges faced by the contemporary Indian Education in global context.

Block	Unit	Title
1 Philosophical Foundations of Education	1	Education: Concept, scope and Agencies of Education: School, family, community and media
	2	Philosophies of Education: idealism, naturalism, pragmatism, existentialism, humanism, constructivism and connectionism
	3	Indian thinkers (Gandhi, Tagore, Krishna Murthy, Aurobindo) and

		Contemporary Indian Perspective
2 Understanding Diversity	4	Concept and Types of Diversity: Gender, linguistic, cultural, socio-economic and disability
	5	Diversity in learning and play
	6	Addressing diverse learning needs and Global Perspective of Diversity
3 Contemporary Issues and Concerns	7	Universalisation of School Education and its related issues, Rights to Education and Universal Access
	8	Issues of quality and equity: Physical, economic, social, cultural and linguistic, particularly w.r.t girl child, weaker sections and disabled
	9	Equal Educational Opportunity and Inequality in Schooling
4 Education Commissions and Policy	10	Constitutional provisions on education
	11	National Commissions and Acts, Policies on Disability Commission (1964), NPE and POA (1986, 1992), National Policy for Persons with Disabilities (2006)
	12	Programmes, Schemes, International Conventions and policies
5 Issues and Trends in Education	13	Challenges and issues of Education from preschool to senior secondary
	14	Inclusive education and special schools
	15	Community participation and community based education

B. Ed. SE-03: Introduction to Sensory Disabilities

Course Outcomes:

After completion of this course the learner will be able –

CO1: To understand the different types of sensory impairments and its prevalence and describe the process of hearing & implications of various types of hearing loss.

CO2: To explain the issues & ways to address challenges in educating students with hearing loss.

CO3: To describe nature, characteristics & assessment of students with low vision & visual impairment.

CO4: To suggest educational placement and curricular strategies for students with low vision & visual impairment.

CO5: To explicate the impact of deaf-blindness & practices for functional development.

Block	Unit	Title
1 Hearing Impairment: Nature & Classification	1	Importance of hearing and Types of sensory impairments: Single (Hearing Impairment & visual Impairment) & Dual sensory impairment (Deaf-blindness)
	2	Process of hearing & its impediment leading to different types of hearing loss
	3	Hearing loss: Definitions and Challenges arising due to congenital and acquired hearing loss
2 Impact of Hearing Loss	4	Characteristics and impact of hearing impairment on communication and issues of hearing loss
	5	Communication options, preferences & facilitators of individuals with hearing loss
	6	Literacy development and scholastic achievement of students with hearing loss and technological support
3 Visual Impairment- Nature and Assessment	7	Process of Seeing, Blindness and Low Vision- Definition, Classification
	8	Demographic Information- NSSO and Census 2011
	9	Importance of Early Identification, Intervention and Functional Assessment Procedures
4 Educational Implications of Visual Impairment	10	Effects of Blindness and Selective Educational Placement
	11	Teaching Principles
	12	Expanded Core Curriculum and Assistive Devices Concept and Areas

5 Deaf-blindness	13	Definition, causes, classification, prevalence and characteristics of deaf blindness, Effects and Implications of deaf-blindness on activities of daily living & education
	14	Screening, Assessment, Identification & Interventional strategies of deaf blindness
	15	Educational needs of students with deaf-blindness

B. Ed. SE-04: Introduction to Neuro Developmental Disabilities

Course Outcomes:

After completion of this course the learner will be able –

CO1: To discuss the characteristics and types of learning disability.

CO2: To describe the tools, areas of assessment and apply intervention strategies to enhance learning.

CO3: To explain the characteristics and types of Intellectual disability.

CO4: To describe the tools, areas of assessment and prepare and apply intervention strategies for independent living.

CO5: To explain the characteristics and types of Autism Spectrum Disorder.

CO6: To describe the tools, areas of assessment and apply intervention strategies.

Block	Unit	Title
1 Learning Disability: Nature, Needs and Intervention	1	Definition, Types and Characteristics
	2	Tools and Areas of assessment
	3	Strategies for reading, writing and maths
	4	Curricular adaptation, IEP, Further Education
	5	Transition Education, life long Education

<p style="text-align: center;">2</p> <p>Intellectual Disability: Nature, needs and intervention</p>	6	Definition, Types and Characteristics
	7	Tools and Areas of assessment
	8	Strategies for functional academics and social skills
	9	Assistive devices, Adaptations, Individualized Education Plan, Person centered plan, Life skill Education
	10	Vocational training and independent living
<p style="text-align: center;">3</p> <p>Autism Spectrum Disorder: Nature, needs and intervention</p>	11	Definition, Types and Characteristics
	12	Tools and Areas of assessment
	13	Instructional Approaches
	14	Teaching Methods
	15	Vocational training and career opportunities

B. Ed. SE-05: Locomotor and Multiple Disabilities

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To identify the persons with Locomotor disabilities such as Cerebral Palsy, Amputees, Polio, Leprosy cured, Muscular dystrophies, Neural and spinal defects and Multiple disabilities.
- CO2:** To plan an effective programme for creating awareness about the persons with Locomotor disabilities and Multiple disabilities.
- CO3:** To plan an effective therapeutic and programme for the persons with Locomotor disabilities and Multiple disabilities and to refer for medical intervention if necessary.
- CO4:** To plan an effective educational programme and functional activities for the persons with Locomotor disabilities and Multiple disabilities.

Block	Unit	Title
1 Cerebral Palsy (CP)	1	CP: Nature, Types and its Associated Conditions;
	2	Assessment of Functional Difficulties of CP including Abnormalities of Joints and Movements (Gaits);
	3	Provision of Therapeutic Intervention and Referral of Children with CP;
	4	Implications of Functional Limitations of Children with CP in Education and Creating Prosthetic Environment in School and Home: Seating Arrangements, Positioning and Handling Techniques at Home and School;
	5	Facilitating Teaching- Learning of Children with CP in school, IEP, Developing TLM; Assistive Technology to Facilitate Learning and Functional Activities.
2 Amputees, Polio, Spinal Cord Injuries Spina-bifida and Muscular Dystrophy	6	Definition, Meaning and Classification
	7	Assessment of Functional Difficulties
	8	Provision of Therapeutic Intervention and Referral
	9	Implications of Functional Limitations for Education and Creating Prosthetic Environment in School and Home: Seating Arrangements, Positioning and Handling Techniques at Home and School

	10	Facilitating Teaching- Learning: IEP, Developing TLM; Assistive technology
3 Multiple Disabilities and Other Disabling Conditions	11	Multiple Disabilities: Meaning and Classifications
	12	Various Combinations of Multiple Disabilities and Associated Conditions Such as Epilepsy, Motor an Sensory Conditions,
	13	Other Disabling Conditions Such as Leprosy Cured Students, Tuberos Sclerosis and Multiple Sclerosis
	14	Implications of Functional Limitations for Education and Creating Prosthetic Environment in School and Home: Seating Arrangements, Positioning and Handling Techniques at Home and School
	15	Facilitating Teaching- Learning: IEP, Developing TLM; Assistive technology

B. Ed. SE-06: Learning, Teaching and Assessment

Course Outcomes:

After completion of this course the learner will be able –

CO1: To comprehend the theories of learning and intelligence and their applications for teaching children

CO2: To analyze the learning process, nature and theory of motivation

CO3: To describe the stages of teaching and learning and the role of teacher

CO4: To situate self in the teaching learning process

CO5: To analyze the scope and role of assessment in teaching learning process in order to introduce dynamic assessment scheme for educational set up towards enhanced learning.

Block	Unit	Title
1 Human Learning and intelligence	1	Human learning: Meaning, definition and concept formation
	2	Learning Theories- Behaviorism: Thorndike, Skinner, Concerns for Cognitivism and Social constructism
	3	Intelligence and Creativity: Concept and Theories

2 Learning process and motivation	4	Sensation, Attention and Perception
	5	Memory and Thinking and Problem Solving
	6	Motivation: Nature and Theories
3 Teaching learning Process	7	Maxims and Methods of Teaching
	8	Stages and Models of Teaching
	9	Leadership and role of Teacher in classroom, School and Community
4 Overview assessment and school system	10	Concepts in School Evaluation
	11	Taxonomy of Educational Objectives
	12	Formative and summative evaluation
5 Assessment: Strategies and Practices	13	Strategies and Procedures
	14	Assessment of diverse learners
	15	Schools examinations

B. Ed. SE-07: Inclusive Education

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To explain the construct of inclusive education & the progression from segregation towards valuing & appreciating diversity in inclusive education.
- CO2:** To explicate the national & key international policies & frameworks facilitating inclusive education.
- CO3:** To enumerate the skills in adapting instructional strategies for teaching in mainstream classrooms.
- CO4:** To describe the inclusive pedagogical practices & its relation to good teaching.
- CO5:** To expound strategies for collaborative working and stakeholders support in implementing inclusive education.

Block	Unit	Title
1 Introduction to Inclusive Education	1	Marginalization vs Inclusive Education, Segregation and Integrations
	2	Principles of Inclusive Education and Diversity in Classroom
	3	Barriers to inclusive Education
2 Policies & Frameworks Facilitating Inclusive Education	4	Universal Declaration of Human Rights
	5	International conventions and Frameworks
	6	National policies, Programmes, Acts and Commission
3 Inclusive Academic Instructions	7	Gifted Children
	8	Family & Community support involvement for Inclusion
	9	Resource Mobilization for Inclusive Education

B. Ed. SE-71: Assessment and Identification of Needs (Hearing Impairment)

Course Outcomes:-

After completion of this course the learner will be able –

- CO1:** To explain the need and techniques for early identification of hearing loss in children.
- CO2:** To acquire knowledge in the area of audiological assessment and its relevance in education.
- CO3:** To discuss communicative and language related needs with the understanding of its development and assessment.
- CO4:** To understand the need for assessment of various processes involved in production of Speech.
- CO5:** To describe and identify different components of educational assessment and analyze various educational needs of individuals with hearing impairment.

Block	Unit	Title of the Unit
1 Early Identification of Hearing Loss	1	Concept and early identification hearing loss
	2	Behavioral identification
	3	Sign and Symptoms for hearing loss
2 Audiology Assessment	4	Orientation: Auditory Milestones in children (0-2 years)
	5	Assessment & Methods of Assessment
	6	Audiograms & Audiometer
3 Assessment of Language & Communication	7	Communication & Language
	8	Impact of Deafness on Communication
	9	Tools for Assessing communication and Language
4	10	Basics of Articulation & Phonology

Assessment of Speech	11	Milestones of speech development, supra segmental aspects of speech
	12	Speech Intelligibility
5 Educational Assessment	13	Educational Assessment & its Types
	14	Tools and techniques of Educational Assessment
	15	Current Trends & Challenges in Assessment

B. Ed. SE-81: Assessment and Identification of Needs (Visual Impairment)

Course Outcomes:

After completion of this course the learner will be able –

CO1: To describe the structure of eye and common eye defects.

CO2: To explain the etiology of visual impairment.

CO3: To analyse the implications of visual impairment and identify their needs.

CO4: To develop skills to identify and assess children with visual impairment.

CO5: To describe the needs and develop skills to assess children with visual impairment and multiple disabilities (VIMD).

Block	Unit	Title of the Unit
1 Anatomy And Physiology of Human Eye	1	Structure and Function of Human Eye, Principal of Refraction & Refraction Errors
	2	Normal Vision Development
	3	Concept and Definition of Blindness and low vision
2 Types of Visual Impairment and Common Eye Disorder	4	Types of Visual Impairment
	5	Common Eye Disorders
	6	Educational Implication of different Eye Disorder
3 Factors Effecting Visual Impairment	7	Factors affecting Visual Impairment
	8	Effect of Visual Impairment on Growth & Development
	9	Education for VI Children
4 Identification and Assessment of Visual Impairment	10	Clinical Assessment of Vision
	11	Functional Assessment of Vision
	12	Tools for Psychological Assessment of VI Children

5 Learning Needs of VI Children	13	Impact of Visual Impairment on Development
	14	Impact of Visual Impairment on Learning
	15	Multidisciplinary Assessment of VI Children

B. Ed. SE-91: Assessment and Identification of Needs (Mental Impairment)

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To comprehend historical perspective, nature and needs and characteristics of persons with Intellectual Disability.
- CO2:** To understand various procedures, areas and approaches of assessment and their relevance.
- CO3:** To gain insight into importance of assessment at Pre School and school level and become familiar with development and adaptive behavioural assessment and assessment tools at pre school level.
- CO4:** To get familiarized assessment tools for independent living, provisions and schemes for vocational skills development and implication of assessment.
- CO5:** To develop understanding about significance of different types of family needs their assessment and implications for extending support to their families, demonstration.

Block	Unit	Title of the Unit
1 Mental Retardation Nature & Needs	1	Mental Retardation: Concept, Meaning and Nature
	2	Causes and Prevention
	3	Classification, Identification and Characteristics
2 Assessment	4	Assessment: Concept, Meaning, Purpose and Types
	5	Areas of Assessment
	6	Methods of Assessment
3 Assessment at Pre School and School level	7	Importance of Assessment at pre school and school level
	8	Assessment tools for school level
	9	Documentation and its relation to inclusion
4	10	Assessment for Transition from school to work

Assessment at Adult and Vocational Levels	11	Significance & Tools for Independent living
	12	Provision and schemes for vocational skill development
5 Assessment of Family Needs	13	Assessment of Family & parental needs
	14	Assessment to conduct advocacy and skill development programmes
	15	Assessment of family and community resources

B Ed SE-31: Pedagogy of Hindi Teaching

Course Outcomes:

After completion of this course the learner will be able –

CO1: To explain the contribution of language in the development of individual and society development.

CO2: To identify the skills of using Hindi language.

CO3: To understand behavioural objective of Hindi teaching

CO4: To develop unit plan and lesson planning.

CO5: To competent to use various teaching methods and techniques

CO6: To use various techniques to evaluate the achievement of learner in Hindi language.

Block	Unit	Title
1 हिन्दी भाषा के आधार	1	हिन्दी भाषा की प्रकृति और प्रकार्य
	2	हिन्दी भाषा की अधिगम प्रक्रिया

	3	विद्यालयी स्तर पर हिन्दी भाषा की पाठ्यचर्या एवं उसमें सुधार
2 हिन्दी भाषा शिक्षण के लिए व्यूह रचना- प्रथम	4	हिन्दी के भाषिक तत्व
	5	श्रवण एवं मौखिक अभिव्यक्ति के कौशल का विकास
	6	पठन योग्यता एवं लिखित अभिव्यक्ति कौशल का विकास
3 हिन्दी भाषा शिक्षण के लिए व्यूह रचना- द्वितीय	7	कविता शिक्षण
	8	गद्य की अन्य विधाओं का शिक्षण
	9	व्याकरण शिक्षण
4 हिन्दी भाषा अधिगम का मूल्य निर्धारण	10	भाषा सम्प्राप्ति मूल्यांकन
	11	भाषा परीक्षण एवं परीक्षण पदों की रचना
	12	निदानात्मक एवं उपचारात्मक कार्य
5 हिन्दी भाषा में अधिगम संसाधन	13	अधिगम संसाधन: अर्थ, प्रकार, कार्य, निर्माण एवं उपयोग
	14	भाषा प्रयोगशाला और भाषा शिक्षक
	15	क्रियात्मक शोध और समुन्नयन कार्य

B Ed SE-32: Pedagogy of English Teaching

Course Outcomes:

After completion of this course the learner will be able –

CO1 : To understand the principles of language teaching, evolution and trends in English literature.

CO2 : To prepare an instructional plan in English.

CO3 : To adapt various approaches and methods to teach English language.

CO4 : To use various techniques to evaluate the achievement of the learner in English.

CO5 : To know the criteria of good book of English.

Block	Unit	Title
1 Foundations of English Language	1	Nature of English Language
	2	Learning of English Language
	3	Curriculum Reforms in School English Language
2 Strategies for Teaching English Language-1	4	Teaching of Listening
	5	Developing Speaking/ Oral Activities
	6	Speaking Activities and Listening Comprehensive
3 Strategies for Teaching English Language -II	7	The Reading Process and Developing Reading Skills
	8	Teaching Writing and Study Skills
	9	Teaching Grammar
4 Assessment of and for English Language Learning	10	Stating Measurable Objectives
	11	Construction of Test Items and Test
	12	Diagnosing and Remedial Work in English Language Teaching
5 Learning Resource in English Language	13	Meaning, Types, function, Preparation and Utilization of Learning Resources
	14	Text Book, Drama, Debate and Speech Programme
	15	Language Laboratory and English Language Teacher

B Ed SE 33: Pedagogy of Mathematics Teaching

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To explain the nature of Mathematics and its historical development with contribution of Mathematicians.
- CO2:** To describe the aims and objectives of teaching Mathematics at school level.
- CO3:** To demonstrate and apply skills to select and use different methods of teaching Mathematics.
- CO4:** To demonstrate competencies of planning for teaching Mathematics, organizing laboratory facilities and equipment designing pupil centered teaching learning experiences.
- CO5:** To demonstrate skills to design and use various evaluation tools to measure learner achievement in Mathematics.

Block	Unit	Title
Block- 1 Foundations of Mathematics	1	Nature of Mathematics
	2	Learning of Mathematics, Psychology of Learning and Teaching of Mathematics Constructivism and Enactivisms
	3	Curriculum Reforms, Aims and Objectives of Teaching Mathematics
Block- 2 Strategies for Teaching Mathematics-I	4	Teaching of Mathematical Concepts
	5	Learning by Exposition and Learning by Discovery
	6	Learning Mathematics in Groups, Group Work and Cooperative or Collaborative Strategies
Block- 3 Strategies for Teaching Mathematics-II	7	Teaching for Understanding Proof
	8	Teaching Problem Solving in Mathematics, Definition and Importance
	9	Problem Solving in Algebra and Geometry
Block- 4	10	Stating Measurable Objectives of Teaching Concepts, Generalizations,

Assessment of and for Mathematics Learning		Problems Solving and Proof
	11	Construction of Test Items for Assessing Product and Process Outcomes, Diagnostic Test and Remedial Teaching
	12	Construction of Unit Tests, Blue Print, Construction of Question Paper
Block- 5 Learning Resource in Mathematics	13	Learning Resources; Meaning, Types Preparation and Utilization of Resources
	14	Text Book, Calculators, Models and Computers, Graphic Calculators
	15	The Mathematics Laboratory, Mathematics Outside and in the Classroom

B Ed SE-34: Pedagogy of Biological Science Teaching

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To explain the role of science in day to day life and its relevance to modern society.
- CO2:** To describe the aims and objectives of teaching science at school level.
- CO3:** To demonstrate and apply skills to select and use different methods of teaching the content of sciences.
- CO4:** To demonstrate competencies of planning for teaching sciences, organizing laboratory facilities and equipment designing pupil centered teaching learning experiences.
- CO5:** To demonstrate skills to design and use various evaluation tools to measure learner achievement in sciences.

Block	Unit	Title
1 Foundations of Biological Sciences	1	Nature of Biological Sciences
	2	Learning of Biological Sciences, Psychology of Learning and Teaching of Biological Sciences, Constructivism and Enactivism
	3	Curriculum Reforms; Aims and objectives of Teaching Biological Sciences

2 Strategies for Teaching Biological I Sciences -I	4	Teaching of Biological Sciences Concepts
	5	Learning by Exposition and Learning by Discovery
	6	Learning Biological Sciences in Groups, Group Work and Cooperative or Collaborative Strategies
3 Strategies for Teaching Biological Sciences -II	7	Co-Curricular and Non Formal Approaches in Biological Science Learning
	8	Programmed Instruction in Biological Science Learning
	9	New Approaches in Biological Science Teaching
4 Assessment of and for Biological Sciences Learning	10	Stating Measurable Objectives of Teaching Concepts, Generalizations, Problems Solving and Project Method
	11	Construction of Test Items For Assessing of Product and Process Outcomes, Diagnostic Test and Remedial Teaching
	12	Construction of Unit Tests, Blue Print, Constructions of Question Paper
5 Learning Resource in Biological Sciences	13	Learning Resources; Meaning, Types Preparation and Utilization Of Resources
	14	Text Books, Journals, Handbooks, Students Work Books
	15	The Biological Sciences Laboratory, Biological Sciences Outside And in the Classroom

B. Ed. SE-72: Curriculum Designing, Adaptation and Evaluation: H I

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To familiar with concept of curriculum and explain the importance of designing it for children with hearing impairment in the context of 21st Century learning skills.
- CO2:** To develop capacity of developing literacy skills of reading and writing in children with hearing impairment.

CO3: To describe the need for curricular adaptation and decide suitable adaptation and undertake it.

CO4: To appreciate the need for curricular evaluation and describe the tools and methods for evaluating it.

Block	Unit	Title
1 Curriculum and its Designing	1	Curriculum- Concepts, Types and Models
	2	Approaches and Steps for Curriculum Designing
	3	Curricular Needs in Scholastic and non-Scholastic Areas
2 Developing Literacy Skills: Reading	4	Reading Skills and its Assessment
	5	Approaches and Strategies to Develop Reading Skills and Independent Reading
	6	Types, Models and Challenges of Developing Reading Skills and Remedial Strategies
3 Developing Literacy Skills: Writing	7	Writing Skill
	8	Components and types of writing
	9	Steps, Challenges and Strategies in Developing Writing
4 Curricular Adaptation	10	Curricular Adaption- Meaning, Principles, Types and Process of Adaptation
	11	Assessment and Decision Making for Adaptation
	12	Adapting Curriculum- Content, Teaching, Learning Material and Instruction
5 Curricular Evaluation	13	Curricular Evaluation: Concept and Need
	14	Methods, Tools and Areas of Curricular Evaluation

	15	Challenges in Curricular Evaluation
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B. Ed. SE-82: Curriculum, Adaptation and Strategies for Teaching Expanded Curriculum: VI

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To define curriculum, its types and explain its importance.
- CO2:** To demonstrate techniques of teaching functional academic skills.
- CO3:** To explain importance and components of independent living skills.
- CO4:** To explain curricular adaptations with reasonable accommodations.
- CO5:** To illustrate how physical education and creative arts activities can be adapted for the children with visual impairment

Block	Unit	Title of the Unit
1 Concept and Types of Curriculum	1	Curriculum- Need and Types.
	2	Curriculum Approaches in Special Education.
	3	Curriculum Planning and Implementation
2 Teaching Functional Academics Skills	4	Methods and Techniques of teaching.
	5	Techniques of teaching Braille.
	6	Braille aids and other devices for Print reading and writing.
3 Teaching of Independent Living	7	Independent Living Skills.
	8	Daily Living Skills and Sensory Efficiency.

Skills	9	Techniques of Teaching social interaction skills.
4 Curriculum Adaptation	10	Curricular Adaptation and Accommodation
	11	Planning of lesson for teaching and TLM.
	12	Pedagogical Strategies.
5 Curricular Activities	13	Adaptation of physical education activities
	14	Creative arts for the children with visual impairment
	15	Agencies/organizations promoting- sports, culture and recreation activities

B. Ed. SE-92: Curriculum Designing, Adaptation and Evaluation: Mental Retardation

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To understand nature of curriculum, principles and steps of curriculum designing, domains and curriculum evaluation.
- CO2:** To develop insight into importance of early childhood special education, its domains and school readiness programme and their implications.
- CO3:** To acquire knowledge about curriculum domains at secondary, prevocational and vocational level and understand its implications.
- CO4:** To understand different strategies for curriculum adaptation, accommodation, modification and their significance.
- CO5:** To evaluation and make effective use of different techniques.

Block	Unit	Title of the Unit
1	1	Curriculum: Concept, Principles and Designing.

Curriculum Designing	2	Domains of Curriculum.
	3	Development of Curriculum.
2 Curriculum at Pre-school and Primary School level	4	Early Child Education and its Domains.
	5	Sensitization at Family & School.
	6	Implication of Pre-School and Primary levels
3 Curriculum at Secondary, Pre-vocational and Vocational Level	7	Curriculum domains at Secondary, Pre-Vocational and Vocational Level.
	8	National Skill Development Scheme (NSDS by MSJ&E).
	9	Implications of Placement for Inclusion.
4 Curricular Adaptations	10	Need for Curricular Adaptations, Accommodation and Modification.
	11	Adoption, Accommodation and Modification for Pre-Academic Curriculum, Academic Curriculum and Co-Curriculum.
	12	Adaptation, Accommodation and Modification for School subjects.
5 Curricular Evaluation	13	Curricular Evaluation: Concept, Types & Approaches.
	14	Emerging Trends in Evaluation.
	15	Differential Evaluation of PWID in Inclusive Setup.

B. Ed. SE-73: Interaction and Teaching Strategies: Hearing Impairment

Course Outcome:

After completion of this course the learner will be able –

- CO1:** To understand about programmes for early intervention of infants and children with Hearing Impairment.
- CO2:** To describe the need, stages and importance of auditory listening & Speech reading for facilitating development of spoken language of children with hearing impairment.
- CO3:** To explain various approaches to teaching, strategies for speech intervention.

CO4: To describe methods, techniques and options to facilitate language and communication.

CO5: To explain the concept, principles and practices, linkages and outcomes of educational intervention.

Block	Unit	Title of the Unit
1 Need and Strategies for Early intervention of Hearing Loss	1	Parent- Instant Programme for Children with H I and Pre-school training programme
	2	Individual Speech- Language Therapy.
	3	Impact of early intervention and intervention of late identified children.
2 Auditory Learning & Speech Reading	4	Auditory listening and Auditory training
	5	Auditory verbal therapy and role of teacher.
	6	Speech reading and role of Teacher
3 Speech Interaction Strategies	7	Approaches to Teaching speech and Orientation to acoustics of speech
	8	Formulation of Lesson plan and Strategies for Production of Speech.
	9	Individual and Group Speech Teaching.
4 Communication and Language Teaching Strategies	10	Methods of teaching language.
	11	Principles and Techniques of Developing language.
	12	Communication options.
5 Educational Intervention Strategies	13	Educational interventions.
	14	Maxims, Methods of teaching & lesson Planning
	15	Partnership of various professionals' agencies in educational intervention.

B. Ed. SE-83: Interaction and Teaching Strategies: VI

Course Outcome:

After completion of this course the learner will be able –

- CO1:** To explain various theoretical perspectives related to intervention & teaching strategies.
- CO2:** To demonstrate techniques of teaching Mathematics to visually impaired children.
- CO3:** To acquire necessary competencies and skills for teaching science and assessment of the learners with special reference to children with visual impairment.
- CO4:** To acquire and apply necessary skills for adapting TLM in social science and assessment of the learners with special reference to children with visual impairment.
- CO5:** To describe the process of assessment visual efficiency and classroom management for children with low vision.

Block	Unit	Title of the Unit
1 Theoretical perspective	1	Intervention for latterly blinded students.
	2	Mediated teaching learning and its procedure.
	3	Enriched teaching for concept development.
2 Mathematics	4	Mathematics Phobias and Conceptualization of Mathematical ideas
	5	Mental arithmetic ability and use of tactile materials
	6	Evaluation procedures with special reference to the needs of children with visual impairment
3 Science	7	Science Teaching learning materials and equipment
	8	Problem solving and learning by doing for visually impaired students
	9	Evaluation procedure with particular reference to practical and adaptations in examination questions.

4 Social Science	10	Techniques of preparation and presentation of adopted tactile maps, Diagrams, Globe and use of different types of models
	11	Teaching skills: Dramatization, narration, Explanation, storytelling and role play
	12	Evaluation of concepts and skills in social science with particular reference to geography
5 Teaching of Children with low vision	13	Visual stimulation (concept and procedure) and selection of an appropriate medium of reading and writing
	14	Techniques and procedure for developing reading and writing skills
	15	Orientation and mobility for low vision children and classroom management

B. Ed. SE -93: Interaction and Teaching Strategies: MR

Course Outcomes:

After completion of this course the learner will be able -

- CO1:** To appreciate and orient oneself in understanding, planning and using intervention appropriately and demonstrate it.
- CO2:** To realize the importance of developing IEP, acquire the required competencies for its development, implementation and evaluation.
- CO3:** To understand basic of learning and teaching and acquire competency to select and demonstrate appropriate teaching strategies for teaching in different curriculum areas.
- CO4:** To understand nature and identification maladaptive behavior and develop insight into various modes of its management.
- CO5:** To develop understanding of various therapeutics interventions, their objectives, scope, modalities, and require intervention.

Block	Unit	Title of the Unit
1 Intervention	1	Early intervention: Concept and Significance.
	2	Intervention Techniques and Documentation

	3	Implication of Early intervention for Pre-school inclusion
2 Individualized Education Programme	4	IEP: Need & Historical Perspective.
	5	IEP for PWIO and associated conditions
	6	Application of IEP for Inclusion
3 Teaching Strategies and TLM	7	Stages of Learning and Multi sensory approaches.
	8	Principles of Teaching and Teaching strategies.
	9	Development and use of TLM for ID
4 Intervention for Mal- Adoptive Behavior	10	Identification of mal-adoptive behavior
	11	Functional analysis and cognitive behavior Techniques (CBT)
	12	Management of Maladaptive behavior and Ethical issues.
5 Therapeutic Intervention	13	Occupational Therapy, Physiotherapy, yoga and play therapy.
	14	Speech therapy- and hearing disorders and intervention.
	15	Therapeutic intervention: Visual and performing arts

B Ed SE-41: Pedagogy of Social Studies Teaching

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To explain the concept, nature and scope of social science.
- CO2:** To develop competencies for designing unit and lesson plans, as well as tools of evaluation for social science teaching.
- CO3:** To develop skills in preparation and use of support materials for effective social science teaching.
- CO4:** To develop the ability to organize co-curricular activities and community resources for promoting social science learning.

Block	Unit	Title
1 Foundations of Social Studies	1	Nature of Social Studies
	2	Learning of Social Studies, Psychology of Social Studies, Learning and Teaching of Social Studies, Constructivism and Enactivism
	3	Curriculum Reforms, Aims and Objectives of Teaching Social Studies
2 Strategies for Teaching Social Studies -I	4	Teaching of Social Studies Concepts
	5	Learning by Exposition and Learning by Discovery
	6	Learning Social Studies in Groups, Group Work and Cooperative or Collaborative Strategies
3 Strategies for Teaching Social Studies-II	7	Co-Curricular and Non Formal Approaches in Social Studies Learning
	8	Programmed Instruction in Social Studies Learning
	9	New Approach in Social Studies Teaching
4 Assessment of and for Social Studies	10	Stating Measurable Objectives of Teaching Concepts, Generalizations Problems Solving and Project Method
	11	Construction of Test Items for Assessing Product and Process Outcomes, Diagnostic Test and Remedial Teaching

	12	Construction of Unit Tests, Blue Print, Construction of Question Paper
5 Learning Resource in Social Studies	13	Learning Resources; Meaning, Types Preparation and Utilization Of Resources
	14	Text Books, Journals, Handbooks, Students Work Books
	15	The Social Studies Laboratory, Social Studies Out Side and in the Classroom

B Ed SE-42: Pedagogy of Physical Science Teaching

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To explain the concept, nature and scope of physical science.
- CO2:** To develop competencies for designing unit and lesson plans, as well as tools of evaluation for physical science teaching.
- CO3:** To develop skills in preparation and use of support materials for effective physical science teaching.
- CO4:** To develop the ability to organize co-curricular activities and community resources for promoting physical science learning.

Block	Unit	Title
1 Foundations of Physical Sciences	1	Nature of Physical Sciences
	2	Learning of Physical Sciences, Psychology of Learning and Teaching of Physical Sciences, Constructivism and Enactivism
	3	Curriculum Reforms; Aims and Objectives of Teaching Physical Sciences
2	4	Teaching of Physical Sciences Concepts

Strategies for Teaching Physical Sciences -I	5	Learning by Exposition and Learning by Discovery
	6	Learning Physical Sciences in Groups, Group Work and Cooperative or Collaborative Strategies
3 Strategies for Teaching Physical Sciences -II	7	Co-Curricular and Non Formal Approaches in Physical Science Learning
	8	Programmed Instruction in Physical Science Learning
	9	New Approaches in Physical Science Teaching
4 Assessment of and for Physical Sciences Learning	10	Stating Measurable Objectives of Teaching Concepts, Generalizations, Problems Solving and Project Method
	11	Construction of Test Items for Assessing of Product and Process Outcomes, Diagnostic Test and Remedial Teaching
	12	Construction of Unit Tests, Blue Print, Test Constructions and Question Paper
5 Learning Resource in Physical Sciences	13	Learning Resources; Meaning, Types Preparation and Utilization Of Resources
	14	Text Books, Journals, Handbooks, Students Work Books
	15	The Physical Sciences Laboratory, Physical Sciences Outside and in the Classroom

B Ed SE-43: Pedagogy of Commerce Teaching

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To explain the concept, nature and scope of commerce.
- CO2:** To understand the function of commerce.
- CO3:** To develop competencies for designing unit and lesson plans, as well as tools of evaluation for commerce teaching.
- CO4:** To develop skills in preparation and use of support materials for effective commerce teaching.

CO5: To develop the ability to organize co-curricular activities and community resources for promoting commerce learning.

Block	Unit	Title
1 Foundations of Commerce	1	Nature of Commerce
	2	Learning of Commerce, Psychology of Learning and Teaching of Commerce Constructivism and Enactivism
	3	Curriculum Reforms, Aims and Objectives of Teaching Commerce
2 Strategies for Teaching Commerce -I	4	Teaching of Commerce Concepts
	5	Learning by Exposition and Learning by Discovery
	6	Learning Commerce in Groups, Group work and Cooperative or Collaborative Strategies
3 Strategies for Teaching Commerce -II	7	Co-Curricular and Non Formal Approaches in Commerce Learning
	8	Programmed Instruction in Commerce Learning
	9	New Approach in Commerce Teaching
4 Assessment of and for Commerce Learning	10	Stating Measurable Objectives of Teaching Concepts, Generalizations, Problems Solving and Project Method.
	11	Construction of Test Items for Assessing Product and Process Outcomes, Diagnostic Test and Remedial Teaching.
	12	Construction of Unit Tests, Blue Print, Construction of Question Paper
5 Learning Resource in Commerce	13	Learning Resources Meaning, Types Preparation and Utilization of Resources
	14	Text Books, Journals, Handbooks, Students Work Books
	15	Commerce Laboratory, Commerce Outside and in the Classroom

Ed SE-44: Pedagogy of Home Science Teaching

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To explain the concept, nature and scope of home science.
- CO2:** To develop competencies for designing unit and lesson plans, as well as tools of evaluation for home science teaching.
- CO3:** To develop skills in preparation and use of support materials for effective home science teaching.
- CO4:** To develop the ability to organize co-curricular activities and community resources for promoting home science learning.

Block	Unit	Title
Block- 1 Foundations of Home Science	1	Nature of Home Science
	2	Learning of Home Science, Psychology of Learning and Teaching of Home Science, Constructivism and Enactivism
	3	Curriculum Reforms, Aims and Objective, of Teaching Home Science
Block- 2 Strategies for Teaching Home Science-I	4	Teaching of Home Science Concepts
	5	Learning by Exposition and Learning by Discovery
	6	Learning Home Science in Groups, Group Work and Cooperative or Collaborative Strategies
Block- 3 Strategies for Teaching Home Science-II	7	Co-Curricular and Non Formal Approaches in Home Science Learning
	8	Programmed Instruction in Home Science Learning
	9	New Approach in Home Science Teaching
Block- 4	10	Stating Measurable Objectives of Teaching Concepts, Generalizations, Problems Solving and Project Method

Assessment of and for Home Science Learning	11	Construction of Test Items for Assessing Product and Process Outcomes, Diagnostic Test and Remedial Teaching
	12	Construction of Unit Tests, Blue Print, Construction of Question Paper
Block- 5 Learning Resource in Home Science	13	Learning Resources; Meaning, Types, Preparation and Utilization Of Resources
	14	Text Books, Journals, Handbooks, Students Work Books
	15	The Home Science Laboratory, Home Science Outside and in the Classroom.

B. Ed. SE-74: Technology and Disability: H.I.

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To enumerate various listening devices and describe ways of effective usage and Maintenance.
- CO2:** To create awareness and basic exposure to state-of-the-art technology for management of various aspects of speech.
- CO3:** To narrate the range of technological applications that can be used for facilitating communication and language.
- CO4:** To explain the present and future technologies facilitating the education of children with hearing impairment.
- CO5:** To identify different resources (financial & human) to obtain technology.

Block	Unit	Title of the Unit
1 Listening devices and classroom acoustics	1	Listening devices, technology and Ear moulds.
	2	Classroom amplification devices and cochlear implant, middle case implant, BAHA & Auditory Brainstem implant.
	3	Hearing aids and their care & maintenance
2	4	Computer based training aids and speech equipment.

Technology for management for speech	5	Basic infrastructure for using computer based speech training aid/equipment
	6	Tele speech therapy
3 Technology Facilitating Language and Communication	7	Electronics and web based technology applications for developing teaching learning material.
	8	Web based technology for using and training of ISL and sign to text and text to sign technology
	9	Augmentire and alternate communication for children with hearing impairment.
4 Technology Facilitating Education	10	Impact of technology on Education and Changing trends in teaching & learning
	11	Technology products for educational purpose: listening (Induction loop/FM/IR) visual (speech to text/text to speech) Audio-visual computer based learning & self learning packages, multimedia
	12	Technology based educational services for children with hearing impairment
5 Resource mobilization for technology	13	Government and non-government Agencies for aids and appliances
	14	Criteria for availing tuning and Procedure.
	15	Cost involved in maintenance of devices.

B. Ed. SE-84: Technology and Education of the Visually Impaired

Course Outcome:

After completion of this course the learner will be able –

- CO1:** To relate the concept and nature of educational technology and ICT to the education of children with visual impairment.
- CO2:** To acquire knowledge of the concept and nature of adaptive technology and explain underlying principles and techniques.
- CO3:** To get familiar with technologies for print-access for children with visual impairment.

CO4: To describe and use different technologies for teaching low vision children as also various school subjects.

CO5: To demonstrate understanding of computer-based teaching-learning processes.

Block	Unit	Title of the Unit
1 Introducing educational and information communication Technology	1	Educational Technology- Concept and Scope of education in reference to children with visual impairment
	2	ICT- Concept and special significance for the teaching- learners of the visually impaired.
	3	Difference between educational technology and technology in education
2 Adaptive Technologies	4	Concept, purpose and Basic considerations- Access, affordability and availability
	5	Awakening users perspectives in developing adaptive technologies
	6	Universal/Inclusive design- concept, Advantages and limitations
3 Access to print for the visually impaired	7	Screen readers with special reference to Indian Languages and Braille note takers and stand-alone Reading machines
	8	Braille Translation software with particular reference to Indian Languages and Braille Embossers
	9	On line libraries, Basify Books, recordings and smart phones
4 Assistive Technologies for the visually Impaired with reference to School subjects and low vision	10	Mathematics devices for VI.
	11	Social science devices for VI.
	12	Low vision Devices.
5 Computer- Aided Learning	13	Social media and creation of blogs
	14	Tele-conferencing and Distance learning
	15	E-learning: Concept and adaptations for the children with VI

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To comprehend role of technology in educating children with ID and acquire knowledge about its various approaches and modes.
- CO2:** To understand nature of ICT, its basis, development and use.
- CO3:** To use computer programme and software for the benefit of children with ID.
- CO4:** To develop skills and competencies in use of Punarjani and C-DAC and integrate technology for instructions and inclusion.
- CO5:** To apply technology for developing lesson plan and adapted assistive devices.

Block	Unit	Title of the Unit
1 Technology in Education and instruction	1	Education and instructional technology
	2	Approaches of Educational Technology
	3	Universal Design of learning and individualized and differential instruction.
2 ICT	4	ICT, Development and stages.
	5	Psychological bases for ICT.
	6	Use of ICT in special and inclusion settings
3 Use of multimedia in Education	7	Multimedia
	8	Types of instructional aids.
	9	Advantages and challenges of using multimedia
4 Technology based instructions	10	Enhancing technology friendly practices
	11	Disability friendly technology.
	12	Implication of technology based instruction in inclusion

5 Application of Technology	13	Application of Technology in lesson planning and assisting devices
	14	Merits and demerits of technology in instruction.
	15	Application of Technology in Instruction

B. Ed. SE-75: Psychosocial and Family Issues: H. I.

Course Outcomes:

After completion of this course the learner will be able –

CO1: To explain psycho social development of early childhood and role of family.

CO2: To understand the family needs and find self-ready to support families for empowering the child with disability.

CO3: To ensure family involvement in educational programs.

Block	Unit	Title of the Unit
1 Psychosocial Aspects and Disability	1	Overview of psychosocial development; well being and quality of life
	2	Role of family and community in psychosocial development of children with hearing impairment
	3	Challenges and issues in psychosocial development of children with hearing impairment
2 Family Needs	4	Identifying Family needs for information, decision making, skill transfer and referral
	5	Fostering family's acceptance of child's impairment
	6	Supporting family in raising children with hearing impairment.
3	7	Encouraging family acceptance of listening devices and ensuring its regular

Family Empowerment		use.
	8	Involving family in fostering and developing play, recreation and values
	9	Encouraging family involvement in educational programme

B. Ed. SE-85: Psychosocial and Family issues: VI

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To describe the effect of birth of a child with visual impairment on the family.
- CO2:** To analyze the role of family and parental concerns related to their child with visual impairment from birth to adulthood.
- CO3:** To explain the role of parent community partnership in the rehabilitation of a person with visual impairment.
- CO4:** To develop different skills to empower families in meeting the challenges of having a child with visual impairment.

Block	Unit	Title of the Unit
1 Family of a child with visual impairment	1	Birth of a child with visual impairment
	2	Parenting styles
	3	Role of family in early stimulation, concept development and early intervention
2 Parental Issues and concerns	4	Gender and disability
	5	Transition to adulthood
	6	Parent support groups and attitude of professionals in involving parents in IEP and IFSP
3 Rehabilitation of Children with visual impairment	7	Concept of habilitation and rehabilitation
	8	Community Based Rehabilitation (CBR) and community participatory Rehabilitation (CPR)
	9	Legal provisions, concessions and advocacy

B. Ed. SE-95: Psychosocial and Family issues: MR

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To realize importance and role of family in rehabilitation of children with ID.
- CO2:** To develop insight into various Psycho-social issues and their impact on rehabilitation on PwID, misconception and social practices and develop based approach.
- CO3:** To realize importance of family involvement in rehabilitation process by forming parents self-help group and parent association.
- CO4:** To understand various Adolescent related issues and challenges their implication for rehabilitation of PwIDs and to explore probable employment opportunities for them.
- CO5:** To comprehend role of community and community participation and models, advantages / disadvantages of CBR programme for PwIDs.

Block	Unit	Title of the Unit
1 Family	1	Family- Concept, Definition and characteristics
	2	Reaction and impact of disability on family and needs of family and counseling
	3	Role of family in rehabilitation of PWID
2 Psycho-social Issues	4	Attitude of family, community, peer group, teachers, co-workers
	5	Myths, Misconception and social practices
	6	Psycho-social issues
3 Involving Families	7	Training and involving families in the rehabilitation process and Parent professional relationship
	8	Formation of parent self-help Group and parent associations
	9	Empowering Families

B. Ed. SE-101: Guidance & Counseling

Course Outcomes:

After completion of this course the learner will be able –

CO1: To apply the skills of guidance and counseling in classroom situations.

CO2: To describe the process of development of self-image and self-esteem.

CO3: To appreciate the types and issues of counseling and guidance in inclusive settings.

Block	Unit	Title of the Unit
1 Introduction to Guidance and Counseling	1	Guidance and Counseling: Definition, Aims, Areas
	2	Skills and Competencies of a Counselor
	3	Role of Counselor in Guiding and Counseling Students with Special Needs
2 Enhancing Self Image and Self Esteem	4	Concept of Self as Human and Understanding of Feeling and Changes
	5	Growth to Autonomy and personality Development
	6	Role of Teacher in Developing Self-Esteem in Children
3 Guidance and Counseling in Inclusive Education	7	Types of Counseling: Child-Centered, Supportive, Family and Guidance in Formal and Informal Situations
	8	Group Guidance: Group Leadership, Styles and Group Processes
	9	Challenges in Group Guidance

B. Ed. SE-102: Childhood Care and Education

Course Outcomes:

After completion of this course the learner will be able –

CO1: To explain the biological & sociological foundations of early childhood education.

CO2: To describe the developmental systems approach and role responsibilities of interdisciplinary teams for early education of children with disabilities.

CO3: To enumerate the inclusive early education pedagogical practices

Block	Unit	Title of the Unit
1 The Early Years: An Overview	1	Early Conceptual Framework of Childhood Learning & Development
	2	Sensitive Periods of Learning
	3	Theories of Development & Learning
2 Early Education of Children with Disabilities	4	Young Children at Risk & Child Tracking
	5	Interdisciplinary Assessment & Intervention Plans
	6	Curricular Activities for Development of Skills
3 Inclusive Early Childhood Educational (ECE) Practices	7	Practices for Inclusive ECE Programs
	8	Principles of Inclusive ECE Practices
	9	Collaborative Practices and School Readiness & Transitions

B. Ed. SE-103: Applied Behavior Analysis

Course Outcomes:

After completion of this course the learner will be able –

CO1: To develop an understanding of the underlying principles and assumptions of Applied Behavioral Analysis (ABA).

CO2: To use various measures of behavioral assessment.

CO3: To apply methods of ABA in teaching and learning environments.

CO4: To integrate techniques of ABA in teaching programs.

CO5: To select suitable strategies for managing challenging behaviors.

Block	Unit	Title of the Unit
1 Introduction to Applied Behaviour Analysis (ABA)	1	ABA- Concept, Definition and Principles of Behavioural Approach
	2	Assumptions of ABA- Classical and Operant Conditioning
	3	Behaviour- Definition and Feature and assessment of Behaviour
2 Strategies for Positive Behaviour Support	4	Selection of Behavioural Goals
	5	Discrete Trial Teaching : (i)Discriminative Stimulus- Characteristics (ii) Response (iii)Prompts: Physical, Gestural, Pointing, Visual, Positional, Verbal (iv) Consequence- Characteristics (v) Inter-Trial Interval
	6	Application of ABA in Group Setting and leadership role of teacher in promoting positive behaviour
3 Management of Challenging Behaviour	7	Differential Reinforcement of Behaviour
	8	Extinction, Time out, Response Cost and Overcorrection
	9	Generalization and Fading

B. Ed. SE-104: Community Based Rehabilitation

Course Outcomes:

After completion of this course the learner will be able –

CO1: To explain the concept, principles and scope of community based rehabilitation.

CO2: To learn the strategies for promoting public participation in CBR.

CO3: To apply suitable methods for preparing persons with disability for rehabilitation within the community.

CO4: To provide need-based training to persons with disabilities.

CO5: To develop an understanding of the role of government and global agencies in CBR.

Block	Unit	Title of the Unit
1 Introduction to Community Based Rehabilitation (CBR)	1	Concept, Definition of CBR and Principles of CBR
	2	Socio-cultural and Economic Contexts of CBR
	3	Scope and Inclusion of CBR in Government Policies and Programs
2 Preparing Community for CBR	4	Awareness Program- Types, Methods and Advocacy
	5	Focus Group Discussion and family counseling
	6	CBR and Corporate Social Responsibility
3 Preparing Persons with Disability for CBR	7	School Education: Person centered planning, and peer Group support
	8	Transition: Individual Transition plan, Development of Self determination and self management skills
	9	Community related vocational training and skill training

B. Ed. SE-105: Application of ICT in Classroom

Course Outcomes:

After completion of this course the learner will be able –

CO1: To integrate the ICT in Special Education.

CO1: To discuss the special roles of ICT in Special Education.

CO1: To use the different Modes of Computer-Based Learning.

Block	Unit	Title of the Unit
Block –1 ICT and Special Education	1	Integrating ICT in special education
	2	Three as of ICT application- Access, Availability, Affordability
	3	Overview of WCAG (Web content Access Guidelines)
Block –2 Using Media and Computers	4	Use of media: Audio, video and audio-video aids
	5	Computer- Aided learning
	6	E-classroom
Block –3 Visualizing Technology- Supported Learning Situations	7	Use and Using Softwares
	8	Interactive use of ICT
	9	Identifying and Applying software for managing Disability

B. Ed. SE-106: Gender and Disability

Course Outcomes:

After completion of this course the learner will be able –

CO1: To develop an understanding of human rights based approach in context of disability.

CO2: To explain the impact of gender on disability.

CO3: To describe the personal and demographic perspectives of gender and disability.

CO4: To analyze the issues related to disabled women and girl children.

Block	Unit	Title of the Unit
1 Human Rights- based Approach & Disability	1	Human Rights-based Approach: Concept, History, Principles and Advantages
	2	Elements of Human Rights System: Legal Framework, Institutions Development Policies & Programmes, Public Awareness, Civil Society
	3	Implications for Disability : (i) Empowerment (ii) Enforceability (iii) Indivisibility (iv) Participation
2 Gender and Disability	4	Gendered Experience of Disability
	5	Gender and Disability Analysis: Techniques and Strategies
	6	Psyche and Gender: Implications for Teaching
3 Woman and Girl Child with Disability	7	Inclusive Equality
	8	Teacher's role in promoting Gender Equality
	9	Gender Critique of Legislation, government policy and schemes

B. Ed. SE-107: Braille and Assistive Devices

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To acquire basic information about Braille, its relevance and some important functional aspects.
- CO2:** To get basic information on types and significance of different Braille devices.
- CO3:** To get acquainted with the types and significance of basic devices relating to Mathematics, Science, Geography and Low Vision as also on sources of their availability.

Block	Unit	Title of the Unit
1 Braille	1	Evolution of Braille and Continuing Relevance of Braille
	2	Abbreviations, Braille Signs and Symbols
	3	Braille Reading and Writing Processes
2 Braille Devices- Types, Description	4	Slate, stylus and Braille writer
	5	Electronics Devices
	6	Braille Embossers and Braille Translation softwares
3 Other- Devices- Types, Description, Relevance	7	Mathematical Devices, Geography Devices and Science Material
	8	Low Vision Aids- Optical, non-optical, vision training material
	9	Schemes and sources of availability

B. Ed. SE-08: Basic Research and Statistics

Course Outcomes:

After completion of this course the learner will be able –

CO1: To describe the concept and relevance of research in education and special education.

CO2: To develop an understanding of the research process and acquire competencies for conducting a research.

CO3: To apply suitable measures for data organization and analysis.

Block	Unit	Title of the Unit
Introduction to Research	1	Research: Concept and Definition
	2	Purpose of Research
	3	Research in Education and Special Education
Tools and Process of Research	4	Types and Process of Research
	5	Tools of Research
	6	Action Research in Teaching Learning Environment
Measurement and Analysis of Data	7	Scale for Measurement and Organization of Data
	8	Graphical Represent of Data
	9	Measures of Central Tendency, Dispersion and Correlation

B. Ed. SE-111: Orientation and Mobility

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To describe the nature and scope of O&M as also the O&M related responsibilities of the special teacher.
- CO2:** To acquire basic knowledge of human guide techniques.
- CO3:** To describe pre-cane and cane travel skills and devices.
- CO4:** To get acquainted with the importance and skills of training in independent living for the visually impaired.

Block	Unit	Title of the Unit
1 Introduction to Orientation and Mobility (O&M)	1	Orientation and Mobility- Definition, Importance and Scope
	2	Basic terminologies associated with O&M
	3	Special responsibilities of special teacher/educator with reference to O&M training
2 Human Sighted Guide Technique	4	Pre-Cane Skills
	5	Cane
	6	Travel Techniques and Devices
3 Training in Independent Living Skills	7	Self care, and Posture
	8	Personal Grooming
	9	Etiquette, Identification of Currency and Basics of Signature writing

B. Ed. SE-112: Communication Options: Oralism/Aural Rehabilitation and Auditory Approach

Course Outcomes:-

After completion of this course the learner will be able –

- CO1:** To discuss the Aural Oral Options with reference to persons with hearing impairment in the context of India.
- CO2:** To discuss the relevant issues like literacy, inclusion and training with reference to Oralism /Oral Rehabilitation.
- CO3:** To exhibit beginner level hands on skills in using these options.
- CO4:** To motivate self to learn and practice more skills leading to linguistic adequacy and fluency to be used while developing spoken language in children with hearing losses.

Block	Unit	Title of the Unit
1 Understanding Hearing Loss	1	Basic Awareness on Deafness and Communicative Access
	2	Basic Awareness on Autonomy, Inclusion and Identity
	3	Importance of Natural Plasticity and Early Listening Opportunities
2 Advance Understanding of Oral Options	4	Skill Development required for Oralism
	5	Speech Reading: Need, Role and Strategies
	6	Difference between Uni Sensory and Multi approach in Oralism
3 Implementing Oralism and AV approach in Indian Special	7	Use of Oralism and AV approach in Indian Special Schools: Current Scenario Oralism/AV approach: Prerequisites for Special Schools

Schools	8	Strategies of Implementation Oral Communication Policy
	9	Resource Mobilization for Listening Devices

B. Ed. SE-113: Communication Options: Manual Options

Course Outcomes:-

After completion of this course the learner will be able –

CO1: Discuss the two manual options with reference to Indian special schools.

CO2: Discuss the relevant issues like literacy, inclusion and training with reference to manual options.

CO3: Describe manual options in the light of issues like language, culture and identify.

CO4: Exhibit beginner level hands on skills in using manual options.

CO5: Motivate self to learn and practice more skills leading to linguistic adequacy and fluency.

Block	Unit	Title of the Unit
1 Understanding Deafness in Real Life Context	1	Basic Awareness of Paradigms of Deafness (Medical and Social)
	2	Concerns & Challenges of Deafness and Communication
	3	Awareness on Deafness with Reference to Culture
2 Advance Understanding of Manual Options and Indian Scenario	4	Training and Guidance for Families and Tuning Home Environment
	5	Tuning Mainstream Schools/Classrooms for Students Using Manual Communication
	6	Practicing Natural Signing in Short Common Conversations
3 Skill Development: Towards Higher Order Receptive and Expressive Skills	7	Learning to Express Gender, Number, Person, Tense, Aspect
	8	Practicing Syntax in Conversations and Discussions
	9	Reflections on the Course: From Theory to practice

B. Ed. SE-114: Management of Learning Disability

Course Outcomes:

After completion of this course the learner will be able –

CO1: To explain the concept, causes and characteristics of learning disabilities.

CO2: To discuss different types of learning disabilities and its associated conditions.

CO3: To develop teacher made assessment test in curricular areas.

CO4: To plan appropriate teaching strategies as per the specific needs of children with learning disability.

Block	Unit	Title of the Unit
1 Learning Disabilities: Types	1	Verbal and Nonverbal learning disabilities
	2	Language Disorders
	3	Emotional & Behavioral Problems
2 Assessment of Basic Curricular Skills	4	Assessment of Reading, Writing and Math Skills
	5	Teacher made tests
	6	Standardize Tests: Need, Types & Purpose
3 Intervention Strategies in Basic Skills of Learning	7	Language Skills
	8	Reading and Writing Skills
	9	Maths and Study Skills

B. Ed. SE-115: Vocational Training, Transition & Job Placement

Course Outcomes:

After completion of this course the learner will be able –

CO1: To develop an understanding of vocational education & its relevance for PWD's.

CO2: To carry out vocational assessment and make vocational training plan.

CO3: To plan for transition from School to job.

CO4: To identify various avenues for job placement.

CO5: To facilitate PWD's in making choice of vocational trades.

CO6: To acquire the concept of independent living and empowerment.

Block	Unit	Title of the Unit
1 Fundamental & Assessment of Vocational Rehabilitation	1	Definition, Meaning and Scope of Vocational Rehabilitation
	2	Approaches and Models of Vocational Training
	3	Approaches & Principles of Vocational Assessment
2 Vocational Transition & Curriculum Planning	4	Concept, Meaning, Importance of Transition
	5	Vocational Transition Models
	6	Development of Vocational Curriculum
3 Process of Vocational Rehabilitation & Placement	7	Types of Employment Settings
	8	Self Advocacy & Skill training
	9	Equal Opportunities and Attitudes towards Persons with Disabilities

B.Ed. (Spl. Ed.) Practicals

First Semester

B.Ed.SE PE-01: -Cross Disability and Inclusion

Credit: 04

Marks: 100

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To construct the lesson plan of classroom observation in their selected field (like-MR, VI, HI) & Inclusive set up.
- CO2:** To apply the various teaching- learning material utilized by teacher in their teaching learning process.
- CO3:** To use appropriate teaching Strategies as per the specific need of children in their class-room teaching.

Tasks for the Teacher Trainees	Disability Focus	Education Setting	Hrs	Description
Classroom Observation	Major Disability (HI/VI/MR) as the area selected by student	Special School	50	Minimum 30 School Periods
	Other than selected Major Disability	2 Special Schools for other Disabilities	50	Minimum 30 School periods
	Any Disability	Inclusive Schools	20	Minimum 10 School Periods

Required Activities

- Schedule for practical for PE-01 shall be included in the counseling /contact classes time table (ten working days may be allotted)

- Observations as mentioned are essential. However, if schools for other disability are not available in the nearby area, the same way interpreted as observation at inclusive school/education/services being provided in the resource room/home based education or vice versa

Second Semester

B.Ed.SE PE-02- Disability Specialization

Credit: 02

Marks: 50

Course Outcome:

After completion of this course the learner will be able –

CO1: To assess Classroom Observation according to Micro teaching Skill based.

CO2: To use the Lesson Plan (Focusing on Adaptation &Evaluation).

CO3: To compute of various skill of Microteaching &Simulated teaching.

Required Activities

S. No.	Tasks for the Teacher Trainees	Disability Focus	Education Setting	Hrs	Description
1.1	Classroom observation (teaching skill based)	Major Disability	Special School	70	Observation of all subjects at different level, minimum 50 School Periods.
1.2	a. Preparation of micro Lesson Plan (Selected Subjects Pedagogy- 1 B.Ed SE 31/32/33/34/ Pedagogy-2 B.Ed SE 41/42/43/44) with reference to deferent teaching skill	Major Disability	For Special School & Inclusive Set up (At the Study Center)	20	10 Micro Plan of various teaching skills
	b. Preparation of Lesson Plan (focusing on Adaptation & Evaluation)				10 Lessons, (5 Adaptation & 5 Evaluation)
1.3	a. Micro teaching & simulated teaching on selected skills	General (Peer Group)	At the Study Center	15	20 Lessons- two in each teaching skill
	b. Micro teaching & simulated teaching on 5 each from lessons planned in 1.2	Major Disability (Peer Group)	At the Study Center	15	10 Lessons Selected 05 Lesson Pedagogy-1& 05 Lesson Pedagogy- 2

Teaching skills may be as follow:

Skill of introduction, probing questions, skill of explaining, skill of illustrating with example, skill of reinforcement, skill of stimulus variations, skill of classroom management, skill of using Black Board, skill of recapitulation and Skill of evaluation.

Third Semester

B.Ed.SE PE- 03 Disability Specialization

Credit: 04 (120 hour)

Marks: 100

Course Outcome:

After completion of this course the learner will be able –

CO1: To explain the Infrastructure, Equipment, Resource-room and Barrier free environment for Special/Inclusive setup in his/her visit plan.

CO2: To execution of Lesson Plan on different levels for all subject in selected disabilities area.

CO3: To construct Individualized Educational Plan (IEP) with support services according to needs of Special Children.

CO4: To proficiency his/her skill for execution of ISL (Indian Sign Language)/Braille Script/ADL (Activity Daily Living) Skill for the children with special needs.

Required Activities

S. No.	Tasks for the Teacher Trainees	Disability Focus	Education Setting	No. of Lessons
1.1	a. Visit	Disability	Special Schools or Institute in special education or Composite regional center (CRC).	Minimum 01 Special Schools Institute/CRC
1.2	a. Macro Lesson planning and execution on different levels for all subjects	Major Disability	Special School/ Resource Room	20 Lesson(other than pedagogy selected subject)
	b. Lesson planning and execution on different levels for selected subjects	Major Disability	Special School/ Resource Room	30 Lessons (15 lessons pedagogy selected subject- 1&15 lessons pedagogy selected subject- 2)
1.3	Individualized Teaching lessons on selected subjects with mention	Major Disability	Special School/ Resource Room	5 IEPs various category related disability

	of support services			
1.4	ISL/ BRAILLE SCRIPT (English, Hindi & numeric) / ADL- Skill	Disability Specialization(HI/VI /MR)	Special Schools /Institute/ ISL Center	Journal

1.1: Prepare a document with details of (institution, infrastructure, facilities, lab and equipment, of photograph and a certificate provided by the institution visitor should be attached

1.3: Documentation support services provided in IEP like - Educational, Therapeutically, Psychological, assistive devices

1.4: ISL - Prepare 50 words vocabulary and make stories in sign

Braille – Prepare a Braille chart (English, Hindi & numeric)

ADL (Activity Daily Living) – Skill- i.e.- Prepare a report on important ADL area.

Fourth Semester

B.Ed.SE PE - 04 Disability Specialization

Credit: 04

Marks: 100

Course Outcome:

After completion of this course the learner will be able –

CO1: To recognize the concept of Internship in Special School (Specialized field and other disability field) & Mainstream School.

CO2: To use Learning Resources, teaching skill and Communication skill in their class-room teaching-learning Process.

CO3: To organized Academic, Cultural Activities and Sports and Games in their Internship Process.

CO4: To maintain School records and documentation in Inclusive /Special School set up.

CO5: To analyze Strategies in teaching –learning Process, Examination and Evaluation in Inclusive /Special School set up.

Required Activities

S. NO.	Task- School /Attachment Internship	Educational Setting	Specific Activities	Hrs	Submission
	Teacher Assistant	Special School	Studying The Background Of The	40	Journal (Record

01		of Major Disability	Children In The Allotted Class And Working As Teacher Assistant For Prayer / Assembly, Attendance, Home Work /Class Work, Writing Diaries And Assisting In School Celebration.		File) of Daily Reflection and Learning
02	Document/Report Study		Reading And Reporting On Academic Calendar, Work Books, Progress Reports, Case File, 3 Parents Meeting Report.	40	Journal (Record File)
03	Use of Internet and Modern Technology for Improving the Classroom Process		Using Technology for Classroom Teaching, Art Education, Record Keeping, Communication Downloading, Power Point, Audio Visual Concept Development Involving Student.	40	Journal (Record File)

B.Ed SE- PE-05: Reading and Reflecting on texts Credit: 02 Marks: 50

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To read and respond to written texts in a right way.
- CO2:** To examine and appreciate authentic literary and non-literary texts.
- CO3:** To develop study and reference skills
- CO4:** To reflect his/her thoughts on the ideas expressed in the texts.
- CO5:** To demonstrate plan, draft, edit and present a piece of writing.

Required Activities

All the activities will be recorded in practical files.

1. Collect two views/articles from news papers/magazines on burning issues of education and write your comments on each collected article or views.
2. Review of any education related books or autobiography of some educationist

B.Ed SE- PE-06: Drama and Art in Education Credit: 02 Marks: 50

Course Outcomes:

After completion of this course the learner will be able –

CO1: To find basics differences in art and drama.

CO2: To discriminate artistic and aesthetic sensibility.

CO3: To judge the beauty in different art forms, through genuine exploration, experience and free expression.

CO4: To develop skills for integrating different art forms across school curriculum.

CO5: To site the rich cultural heritage of the country.

Required Activities

All the activities will be recorded in practical files.

1. Students will write an essay on the local culture and art forms/ famous educational T V shows
2. Prepare a report of Cultural Activities/ Visit to a art gallery, exhibition and cultural festivals

Fifth Semester

B.Ed.SE PE-07—Field Engagement/ Internship Disability Specialization Credit: 04 Marks: 100

Course Outcomes:

After completion of this course the learner will be able –

CO1: To organized Field engagement Awareness Programme- CBR (Community Based Rehabilitation) Programme.

CO2: To aware community/society about various –facilities &Provision for Divyangjan.

CO3: To organized a Camp and Providing Support Services for Divyangjan.

Required Activities

Sr. No.	Tasks for the Teacher Trainees	Disability Focus	Set Up	Description
1	CBR (Community Based Rehabilitation Programme	All Disability	Community/field	Minimum 120 hours
				Documentation (Community Based Rehabilitation Programme)

Note: All the activities will be recorded in practical files.

B.Ed.SE PE -08 Field Engagement/ Internship Other Disability Special School Credit: 04 Marks: 100

Course Outcomes:

After completion of this course the learner will be able –

CO1: To apply innovative teaching-learning Process in Inclusive School setup.

CO2: To construct Action Research Plan in the/her class-room teaching.

CO3: To analyze the problem in teaching –learning Process in Inclusive/Special School.

Required Activities

Sr. No.	Tasks for the Teacher Trainees	Disability Focus	Set Up	No. of Lessons
1	Action Research	Any Major Disability	Inclusive School	Minimum 180 school periods

Note: All the activities will be recorded in practical files.

B.Ed.SE PE-09- Field Engagement/ Internship Inclusive School Credit: 04

Marks: 100

Course Outcomes:

After completion of this course the learner will be able –

CO1: To construct TLM/Model in his/her Teaching –Learning Process in Inclusive and Special School set up.

CO2: To use Unit Plan for the relevant subject in his/her Internship process.

CO3: To examine Achievement test for children with special education and Normal student.

Required Activities

Sr. No.	Tasks for the Teacher Trainees	Disability Focus	Set Up	No. of Lessons
1	Prepare TLM / Model used in Teaching Learning Process	Any Major Disability	Inclusive School	Journal
	Prepare Unit Plan	Major Disability	Primary to Secondary	2 Unit Plan
	Achievement Test	Major Disability	Primary to Secondary	Prepare 50 objective (Multiple) Type Questions

Note: All the activities will be recorded in practical files.

Mapping of Curricula to Programme Outcomes

Programme Outcomes →	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
Course Outcomes ↓											
C11				✓		✓					
C12								✓	✓		
C13						✓		✓			
C14									✓		

C21				✓		✓					
C22								✓			
C23						✓					
C24				✓						✓	
C31				✓							
C32			✓		✓						
C33				✓		✓					
C34								✓	✓	✓	
C35								✓			✓
C41				✓							
C42							✓	✓			
C43				✓							
C44										✓	✓
C45				✓		✓					
C46								✓	✓		
C51				✓							
C52	✓		✓								
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C54									✓	✓	✓
C61						✓	✓				
C62								✓	✓		
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C72							✓				

C73	✓	✓							✓		
C74								✓		✓	✓
C75	✓		✓								
C711							✓	✓			
C712								✓	✓		
C713								✓	✓		✓
C714							✓	✓			
C715				✓				✓	✓		
C811					✓	✓					
C812				✓					✓		
C813		✓	✓								✓
C814							✓	✓	✓		
C815								✓	✓	✓	
C911				✓	✓						
C912							✓	✓			
C913			✓							✓	✓
C914	✓	✓							✓	✓	
C915	✓	✓									✓
C311					✓	✓					
C312								✓	✓		
C313		✓									✓
C314							✓	✓	✓		
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C317							✓	✓			
C321				✓							

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C325	✓											✓
C331				✓		✓						
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C334			✓					✓	✓			✓
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C341						✓						
C342			✓					✓				
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C345							✓	✓				
C721	✓		✓	✓	✓							
C722					✓		✓					
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C724							✓	✓	✓			
C821				✓		✓						
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C823	✓	✓										✓
C824			✓							✓	✓	
C825								✓	✓			✓
C921				✓	✓							
C922	✓	✓										✓
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C924							✓	✓			
C925									✓	✓	
C731				✓	✓						
C732					✓	✓					
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C735	✓	✓									✓
C831							✓				
C832								✓		✓	
C833								✓	✓		✓
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C835		✓						✓		✓	
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C935	✓	✓	✓		✓						✓
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C424	✓	✓								✓	✓
C431						✓					

C851			✓		✓						
C852	✓	✓	✓								
C843	✓	✓									✓
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C951	✓			✓	✓						
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C955	✓	✓									✓
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C1021				✓	✓						
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C1111				✓	✓						
C1112							✓	✓		✓	✓
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C1122					✓	✓	✓				
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C1124	✓							✓			✓
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CP65								✓		✓	✓
CP71	✓	✓	✓								✓
CP72	✓	✓	✓								✓
CP73	✓									✓	✓
CP81								✓	✓	✓	✓
CP82								✓			✓
CP83		✓						✓			✓
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CP92								✓	✓	✓	✓
CP93					✓			✓			✓

M.A. EDUCATION (MAED)

Programme Offerd from: 2007	AC Minutes: point no. 14.06, Dated 15/05/2007
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Programme Objectives

To enable the student to develop an understanding about the

- (i) Contributions of philosophy, sociology and psychology to the field of education.
- (ii) Impact of Indian and western Philosophies on Indian Education.
- (iii) Nature, Scope and Limitations of educational research.
- (iv) Major approaches those are available for conducting the educational research and preparing the research report.
- (v) Collection of data, analysis of data and developing understanding for solving an educational problem.
- (vi) To enable the students to gain the knowledge about the various / emerging issues of education.
- (vii) To acquaint the students with Educational Technologies and its emerging trends.

- (viii) To orient the students with the various areas of education like Teacher Education, Open and Distance Education, Special Education, Educational Guidance and counselling, Educational Administration and Management etc.
- (ix) To orient the students with other discipline like sociology, History, Economic, Political Science, Languages and Management etc.

Programme Outcomes:

After completion of the Programme the learner will be able-

PO-1: To understand the foundations of education.

PO-2: To explain the Impact of Indian and western Philosophies on Indian Education.

PO-3: To discuss about the various issues of education.

PO-4: To use the technology in education.

PO-5: To understand the various areas of education like Teacher Education, Open and Distance Education, Special Education, Educational Guidance and Counselling, Educational Administration and Management etc.

PO-6: To formulate the educational actions in different areas of education.

PO-7: To construct tools for educational measurement and evaluation.

PO-8: To perform as a good researcher in the field of education.

PO-9: To use other discipline like sociology, History, Economic, Political Science, Languages and Management etc. in the field of education.

Utility of the Programme

- Required Skills and values may be provided to students being Post Graduates in the field of general Education.
- The opportunities may be arises for further Higher Education and Research to all.

Job Opportunities

- In the field of teaching at Secondary and Higher Education as well as Teacher Education.
- In the field of Research as a Research Associate, Research Assistant and Field Investigator.

Social Effect

- It is a popular Subject in the society but more popular in Girls

Programme Structure

Year / वर्ष	Paper No./ पेपर नं०	Course Code/ पाठ्यक्रम कोड	Title of Course / पाठ्यक्रम का शीर्षक	Credits/ क्रेडिट	Compulsory / Elective / अनिवार्य / वैकल्पिक
प्रथम वर्ष (Ist Year)	Compulsory Core Course / विषय केन्द्रित अनिवार्य पाठ्यक्रम				
	5090	MAED-01	शिक्षा के दार्शनिक एवं सामाजिक आधार	8	अनिवार्य
	5091	MAED-02	शिक्षा मनोविज्ञान	8	अनिवार्य
	5092	MAED-03	शोध विधियाँ तथा सांख्यिकी	8	अनिवार्य
	Discipline Centric Elective Course / विषय केन्द्रित वैकल्पिक पाठ्यक्रम				
	5093	MAED-04	शैक्षिक निर्देशन एवं परामर्श	8	वैकल्पिक
	or	or	अथवा	or	
	5094	MAED-05	शैक्षिक विचारक	8	
	Open Elective Course (Other Disciplines) अन्य विषय केन्द्रित वैकल्पिक पाठ्यक्रम				
	5045	MASY-01	भारतीय सामाजिक विचारधारा	8	
or	or	अथवा	or		
5066	MAPS-06	भारतीय शासन और राजनीति	8		
प्रथम वर्ष का कुल क्रेडिट:				40	
द्वितीय वर्ष (IIInd Year)	Compulsory Core Course / विषय केन्द्रित अनिवार्य पाठ्यक्रम				
	5095	MAED-06	शिक्षा में सम-सामयिक मुद्दे	8	अनिवार्य
	5096	MAED-07	शैक्षिक मापन एवं मूल्यांकन	8	अनिवार्य
	5097	MAED-08	शैक्षिक प्रौद्योगिकी	8	अनिवार्य
	Discipline Centric Elective Course / विषय केन्द्रित वैकल्पिक पाठ्यक्रम				

5098	MAED- 09	शैक्षिक प्रशासन एवं प्रबन्धन	8	वैकल्पिक
or	or	अथवा	or	
5099	MAED-10	Dissertation	8	
Open Elective Course (Other Discipline) अन्य विषय केन्द्रित वैकल्पिक				
2826	M.ComD- 03	मानव संसाधन प्रबन्ध	8	वैकल्पिक
or	or	अथवा	or	
5052	MASY-08	भारत में ग्रामीण समाज	8	
Compulsory Foundation Course अनिवार्य आधार पाठ्यक्रम				
2703	PGFHR	मानवाधिकार एवं कर्तव्य	नॉन क्रेडिट	अनिवार्य
द्वितीय वर्ष का कुल क्रेडिट 40				
सम्पूर्ण कार्यक्रम का कुल क्रेडिट 80				

MAED -01

Philosophical and Sociological Foundation of Education

शिक्षा के दार्शनिक एवं समाज शास्त्रीय आधार

Course Outcomes:

After completion of this course the learner will be able –

CO-1: To understand the Philosophical and Sociological foundation of education.

CO-2: To explain the Indian Philosophy of Education as well as Western Philosophy of Education.

CO-3: To discuss various educational problems in philosophical perspective.

CO-4: To describe relationship between education and religion and education and democracy.

CO-5: To argue in various concepts like educational values, discipline and freedom, education and nationalism, education and internationalism, science in education etc.

Course Content

खण्ड –01 शिक्षा के दार्शनिक आधार

- इकाई– 1 दर्शन के स्वरूप एवं विषय क्षेत्र
- इकाई – 2 शिक्षा की अवधारणा एवं कार्य
- इकाई – 3 शिक्षा और दर्शन के बीच सम्बन्ध
- इकाई – 4 शिक्षा दर्शन का स्वरूप एवं आवश्यकता

खण्ड –02 शिक्षा दर्शन के प्रमुख सम्प्रदाय

- इकाई– 5 प्रकृतिवाद
- इकाई – 6 आदर्शवाद
- इकाई – 7 प्रयोजनवाद
- इकाई – 8 यथार्थवाद तथा अस्तित्वाद

खण्ड –03 दार्शनिक दृष्टिकोण से शैक्षिक समस्यायें

- इकाई– 9 धर्म और शिक्षा
- इकाई – 10 जनतन्त्र और शिक्षा
- इकाई – 11 शैक्षिक मूल्य
- इकाई – 12 अनुशासन और स्वतन्त्रता

खण्ड –04 शिक्षा के सामाजिक आधार

- इकाई – 13 शिक्षा और समाज
- इकाई – 14 शिक्षा और राष्ट्रीयता

इकाई – 15 शिक्षा और अन्तर्राष्ट्रीयता

इकाई – 16 शिक्षा में विज्ञान

MAED -02

Educational Psychology

शिक्षा मनोविज्ञान

Course Outcomes:

After completion of this course the learner will be able –

CO-1: To understand the concepts, principles and implications of Educational Psychology.

CO-2: To explain the dimensions of human development.

CO-3: To discuss learner's process of development.

CO-4: To assess various psychological abilities and traits of learner.

CO-5: To describe theories of various psychological variables.

Course Content

खण्ड –01 शिक्षा मनोविज्ञान की पृष्ठभूमि

इकाई –1 शिक्षा मनोविज्ञान का अर्थ, कार्यक्षेत्र एवं महत्व

इकाई – 2 शिक्षा मनोविज्ञान की विधियाँ

इकाई – 3 मनोविज्ञान के स्कूलों का शिक्षा में योगदान

इकाई – 4 वृद्धि एवं विकास

खण्ड –02 विकास के आयाम

- इकाई— 5 शारीरिक विकास
इकाई – 6 संज्ञानात्मक विकास
इकाई – 7 संवेगात्मक विकास
इकाई – 8 सामाजिक विकास

खण्ड –03 शिक्षार्थी की विशेषताएँ

- इकाई – 9 भाषा विकास
इकाई – 10 सप्रत्ययात्मक विकास
इकाई – 11 बुद्धि, अभिक्षमता एवं सृजनात्मकता
इकाई – 12 व्यक्तित्व

खण्ड –04 अधिगम के पक्ष

- इकाई – 13 सीखना
इकाई – 14 अभिप्रेरणा
इकाई – 15 स्मरण, विस्मरण एवं चिन्तन
इकाई – 16 विशिष्ट बालकों की शिक्षा

MAED -03

Research Methods and Statistics

शोध विधियाँ तथा सांख्यिकी

Course Outcomes:

After completion of this course the learner will be able –

CO-1: To understand the types, significance and purpose of educational research.

CO-2: To compute the values of various descriptive and inferential statistics.

CO-3: To use the Normal Probability Curve.

CO-4: To prepare a research report.

CO-5: To construct various tools for research.

Course Content

खण्ड –01 शोध का अर्थ, आवश्यकता, समस्या की प्रकृति तथा डिजाइन

- इकाई– 1 शोध का अर्थ प्रकार एवं आवश्यकता
- इकाई – 2 शोध समस्या की प्रकृति एवं चयन
- इकाई – 3 शोध परिकल्पना
- इकाई – 4 शोध प्रतिचयन

खण्ड –02 शोध की विधियाँ

- इकाई– 5 ऐतिहासिक शोध
- इकाई – 6 वर्णनात्मक शोध
- इकाई – 7 प्रयोगात्मक शोध
- इकाई – 8 गुणात्मक शोध

खण्ड –03 आंकड़े संग्रह की तकनीके

- इकाई– 9 परीक्षण प्रश्नावली व साक्षात्कार
- इकाई – 10 मापनी विधियाँ
- इकाई – 11 केस अध्ययन विधि
- इकाई – 12 समाजमितीय विधि

खण्ड –04 सांख्यिकीय प्राविधियाँ

- इकाई – 13 केन्द्रीय प्रक्षेपण की मापें एवं सहसम्बन्धात्मक गुणक
- इकाई – 14 सांख्यिकीय अनुमान का आधार
- इकाई – 15 टी-परीक्षण तथा प्रसरण विश्लेषण
- इकाई – 16 नॉन पैरामेट्रिक सांख्यिकी—(Y2 Md Test, KS Test, Khi Test, मान विटनी, यू टेस्ट)

MAED -04

Educational Guidance & Counselling

शैक्षिक निर्देशन व परामर्श

Course Outcomes:

After completion of this course the learner will be able –

- CO-1:** To understand the concept, scope and significance of guidance and counselling.
- CO-2:** To explain the types and process of guidance and counselling.
- CO-3:** To use various tests and tools in guidance and counselling services.
- CO-4:** To discuss the importance of mental health and mental hygiene.
- CO-5:** To recognize the special groups for guidance.

Course Content

खण्ड –01 शैक्षिक निर्देशन व परामर्श

- इकाई— 1 निर्देशन का स्वरूप एवं आवश्यकता
- इकाई – 2 निर्देशन का ऐतिहासिक विकास
- इकाई – 3 निर्देशन के सिद्धान्त एवं तकनीकी
- इकाई – 4 निर्देशन के मॉडल

खण्ड –02 निर्देशन के प्रकार

- इकाई– 5 शैक्षिक निर्देशन
- इकाई – 6 व्यवसायिक निर्देशन
- इकाई – 7 वैयक्तिक निर्देशन
- इकाई – 8 कैरियर निर्देशन

खण्ड –03 परामर्श की प्रकृति

- इकाई– 9 परामर्श का स्वरूप
- इकाई – 10 परामर्श से सैद्धन्तिक आधार
- इकाई – 11 परामर्श की प्रक्रिया
- इकाई – 12 परामर्शदाता की विशेषतायें

खण्ड –04 परामर्श के प्रकार एवं परीक्षण

- इकाई – 13 परामर्श के विविध रूप
- इकाई – 14 वैयक्तिक एवं सामूहिक परामर्श
- इकाई – 15 निर्देशन में परीक्षणों का उपयोग
- इकाई – 16 विशेष समूहों के लिए निर्देशन

MAED -05

Educational Thinkers
शैक्षिक विचारक

Course Outcomes:

After completion of this course the learner will be able –

CO-1: To understand the Educational Thoughts of Western Educational Thinkers.

CO-2: To understand the Educational Thoughts of Indian Educational Thinkers.

CO-3: To Compare the Educational Thoughts of Indian and Western Educational Thinkers.

CO-4: To explain the contributions of Educational Thinkers.

CO-5: To argue about the aims of Education, curriculum and teaching methods on the basis of Thoughts of Educational Thinkers.

Course Content

खण्ड –01 पाश्चात्य शैक्षिक सम्प्रदाय के विचारक

- इकाई– 1 रूसो
- इकाई – 2 प्लेटो
- इकाई – 3 जान डिवी
- इकाई – 4 कमेनियस

खण्ड –02 प्रमुख पाश्चात्य शिक्षा शास्त्री

- इकाई – 5 फ्रोबेल
- इकाई – 6 मान्टेसरी
- इकाई – 7 हारबार्ट स्पेन्सर
- इकाई – 8 टी.पी.नन

खण्ड –03 भारतीय शैक्षिक सम्प्रदायों के विचारक

- इकाई – 9 शंकराचार्य

इकाई – 10 दयानन्द सरस्वती

इकाई – 11 विवेकानन्द

इकाई – 12 अरविन्द

खण्ड –04 प्रमुख भारतीय शिक्षा शास्त्री

इकाई – 13 रबीन्द्र नाथ टैगोर

इकाई – 14 मदन मोहन मालवीय

इकाई – 15 महात्मा गाँधी

इकाई – 16 पुरुषोत्तम दास टण्डन

MAED - 06

Contemporary Issues of Education

शिक्षा में समसामयिक मुद्दे

Course Outcomes:

After completion of this course the learner will be able –

CO-1: To understand the process of curriculum development.

CO-2: To discuss about the quality enhancement in education.

CO-3: To explain the contemporary trends in education like liberalization, privatization, globalization etc.

CO-4: To understand the various contemporary educational concepts like vocational education, teacher education, special education, value education, health education, population education, environmental education and peace education etc.

CO-5: To use the ICT in education.

Course Content

खण्ड –01 विचारणीय मुद्दे

- इकाई– 1 प्राथमिक शिक्षा का सार्वभौमिकरण
- इकाई – 2 पाठ्यक्रम विकास
- इकाई – 3 सूचना एवं संचार तकनीकी का उपयोग
- इकाई – 4 गुणवत्ता उन्नयन

खण्ड –02 शैक्षिक प्रवृत्तियाँ

- इकाई– 5 गैर सरकारी संगठनों की भूमिका
- इकाई – 6 मानवाधिकार
- इकाई – 7 वैश्वीकरण
- इकाई – 8 निजीकरण

खण्ड –03 सामयिक शैक्षिक प्रत्यय – I

- इकाई– 9 व्यवसायिक शिक्षा
- इकाई – 10 अध्यापक शिक्षा
- इकाई – 11 विशिष्ट शिक्षा
- इकाई – 12 मूल्य शिक्षा

खण्ड –04 सामयिक शैक्षिक प्रत्यय – II

- इकाई – 13 स्वास्थ्य शिक्षा
- इकाई – 14 जनसंख्या शिक्षा
- इकाई – 15 पर्यावरण शिक्षा
- इकाई – 16 शान्ति शिक्षा

MAED -07

Educational Measurement & Evaluation

शैक्षिक मापन एवं मूल्यांकन

Course Outcomes:

After completion of this course the learner will be able –

- CO-1:** To understand the process of measurement and evaluation.
- CO-2:** To construct the various tests.
- CO-3:** To explain the process of standardization of test.
- CO-4:** To assess the various psychological and educational variables.
- CO-5:** To compute the various statistical values.

Course Content

खण्ड –01 मापन और मूल्यांकन की अवधारणा तथा तकनीकें

- इकाई— 1 मापन और मूल्यांकन की प्रकृति
- इकाई – 2 मापन और मूल्यांकन की प्रमुख तकनीकें
- इकाई – 3 दूरस्थ शिक्षा में मापन और मूल्यांकन
- इकाई – 4 मापन और मूल्यांकन में प्रयुक्त उपकरण

खण्ड –02 अच्छे मापन उपकरण का निर्माण तथा विशेषताएँ

- इकाई— 5 परीक्षण का निर्माण तथा प्रमाणीकरण
- इकाई – 6 परीक्षण विश्वसनीयता
- इकाई – 7 परीक्षण वैधता
- इकाई – 8 परीक्षण मानक

खण्ड –03 मापन तथा मूल्यांकन में प्रयुक्त मनोवैज्ञानिक परीक्षण

- इकाई— 9 व्यक्तिव परीक्षण
इकाई – 10 बुद्धि परीक्षण
इकाई – 11 अभिक्षमता परीक्षण
इकाई – 12 अभिवृत्ति परीक्षण

खण्ड –04 मापन तथा मूल्यांकन में प्रयुक्त सांख्यिकीय

- इकाई – 13 समान्य प्रायिकता वक्र (NPC)
इकाई – 14 सांख्यिकीय की प्रकृति तथा केन्द्रीय प्रवृत्ति के मान
इकाई – 15 विचलनशीलता के मान
इकाई – 16 टी-परीक्षण तथा विश्लेषण

MAED -08

Educational Technology

शैक्षिक प्रौद्योगिकी

Course Outcomes:

After completion of this course the learner will be able –

- CO-1:** To understand the concept, scope and developmental history of E.T.
CO-2: To explain the various tools, techniques and models of E.T.
CO-3: To select and integrate the various means of communication.
CO-4: To manage and evaluate the E.T.
CO-5: To recognize the issues, innovations and research priorities in E.T.

Course Content

खण्ड –01 शैक्षिक प्रौद्योगिकी का स्वरूप, आवश्यकता एवं विकास

- इकाई – 1 शैक्षिक प्रौद्योगिकी का अर्थ एवं आवश्यकता
- इकाई – 2 शैक्षिक प्रौद्योगिकी का ऐतिहासिक परिप्रेक्ष्य
- इकाई – 3 शैक्षिक प्रौद्योगिकी के उद्देश्य एवं उपागम
- इकाई – 4 शैक्षिक प्रौद्योगिकी के उभरते स्वरूप

खण्ड –02 शैक्षिक प्रौद्योगिकी में यंत्र सामग्री

- इकाई – 5 शैक्षिक तकनीकी की विधियों एवं युक्तियाँ
- इकाई – 6 शिक्षण के प्रतिमान
- इकाई – 7 शैक्षिक प्रौद्योगिकी में हार्डवेयर
- इकाई – 8 शैक्षिक प्रौद्योगिकी में साफ्टवेयर

खण्ड –03 सूचना एवं सम्प्रेषण तकनीक

- इकाई – 9 दूर संचार साधनों का चयन एवं समाकलन
- इकाई – 10 शैक्षिक तकनीकी में श्रव्य-दृश्य सामग्री
- इकाई – 11 शिक्षण कौशलों में दूर संचार साधनों का प्रयोग
- इकाई – 12 दूर संचार साधनों से संबंधित चुनौतियाँ एवं समस्याएँ

खण्ड –04 शैक्षिक प्रौद्योगिकी का प्रबन्ध एवं मूल्यांकन

- इकाई – 13 शैक्षिक प्रौद्योगिकी का आर्थिक पहलू
- इकाई – 14 शैक्षिक प्रौद्योगिकी का प्रबन्धन
- इकाई – 15 शैक्षिक प्रौद्योगिकी का मूल्यांकन
- इकाई – 16 शैक्षिक प्रौद्योगिकी में नवाचार

MAED-09

Educational Administration and Management

शैक्षिक प्रशासन एवं प्रबन्धन

Course Outcomes:

After completion of this course the learner will be able –

CO-1: To understand the concept and trends of Educational Administration and Management.

CO-2: To explain educational planning and finance.

CO-3: To use the various principles of Educational Administration and Management.

CO-4: To discuss about the various styles of leadership in education.

CO-5: To understand the national systems of educational administration in India and abroad.

Course Content

खण्ड –01 शैक्षिक प्रशासन, प्रबन्धन एवं सिद्धान्त

इकाई– 1 शैक्षिक प्रशासन एवं प्रबन्धन : अर्थ एवं स्वरूप

इकाई – 2 शैक्षिक प्रशासन के सिद्धान्त

इकाई – 3 शिक्षा प्रशासन में विरोध प्रबन्ध

इकाई – 4 शिक्षा प्रशासन में निर्णय प्रक्रिया

खण्ड –02 शिक्षा में नेतृत्व

इकाई– 5 नेतृत्व : अर्थ स्वरूप एवं आवश्यकता

इकाई – 6 नेतृत्व के सिद्धान्त

इकाई – 7 नेतृत्व शैलियाँ

इकाई – 8 नेतृत्व में मापन

खण्ड –03 शैक्षिक नियोजन

इकाई– 9 शैक्षिक नियोजन अर्थ, लक्ष्य एवं सिद्धान्त

इकाई – 10 शैक्षिक नियोजन के उपागम

इकाई – 11 शैक्षिक नियोजन के प्रकार एवं समस्यायें

इकाई – 12 भारतीय शिक्षा की वित्तीय व्यवस्था एवं पंचवर्षीय योजनायें

खण्ड –04 शैक्षिक प्रशासन की राष्ट्रीय प्रणालियाँ

इकाई – 13 भारत में शैक्षिक प्रशासन

इकाई – 14 संयुक्त राज्य अमेरिका में शैक्षिक प्रशासन

इकाई – 15 ग्रेट ब्रिटेन में शैक्षिक प्रशासन

इकाई – 16 जापान में शैक्षिक प्रशासन

MAED -10

Open and Distance Education

मुक्त एवं दूरस्थ शिक्षा

Course Outcomes:

After completion of this course the learner will be able –

CO-1: To understand the open and distance education.

CO-2: To discuss issues of quality assurance and challenges of open and distance education.

CO-3: To explain various learner support services of open and distance education.

CO-4: To describe the organizational structures of open and distance education.

CO-5: To evaluate the distance learner.

Course Content

खण्ड –01 मुक्त एवं दूरस्थ शिक्षा की अवधारणा और विषय क्षेत्र

- इकाई– 1 मुक्त एवं दूरस्थ शिक्षा का प्रारूप एवं अवधारणा
- इकाई – 2 मुक्त एवं दूरस्थ शिक्षा के ऐतिहासिक विकास
- इकाई – 3 मुक्त एवं दूरस्थ शिक्षा का नियोजन
- इकाई – 4 मुक्त एवं दूरस्थ शिक्षा के प्रमुख कारक

खण्ड –02 छात्र सहायता सेवायें

- इकाई– 5 स्व-अधिगम सामग्री
- इकाई – 6 अधिन्यास
- इकाई – 7 परामर्श सत्र
- इकाई – 8 सूचना एवं सम्प्रेषण प्रौद्योगिकी

खण्ड –03 मुक्त एवं दूरस्थ शिक्षा का संगठनात्मक स्वरूप

- इकाई – 9 दूरस्थ शिक्षा ब्यूरो
- इकाई – 10 मुक्त विश्वविद्यालय
- इकाई – 11 पत्राचार एवं दूरस्थ शिक्षण संस्थान
- इकाई – 12 एन.आई.ओ.एस. (NIOS)

खण्ड –04 दूरस्थ शिक्षा में मूल्यांकन

इकाई – 13 दूर शिक्षक के समक्ष चुनौतियां

इकाई – 14 दूर शिक्षा की समस्याएँ

इकाई – 15 दूर शिक्षा में मूल्यांकन प्रक्रिया

इकाई – 16 दूर शिक्षा के क्षेत्र में अनुसंधान

Mapping of Curricula to Programme Outcomes

Programme Outcomes →	P1	P2	P3	P4	P5	P6	P7	P8	P9
Course Outcomes ↓									
C11	✓								
C12		✓							
C13					✓				
C14			✓						
C15								✓	✓
C21	✓								
C22		✓							
C23			✓						
C24				✓	✓				
C25									✓
C31	✓								
C32							✓	✓	

C33				✓					
C34						✓			✓
C35							✓		
C41	✓								
C42		✓							
C43									✓
C44			✓			✓			
C45			✓						
C51	✓								
C52	✓	✓							
C53					✓				
C54		✓							
C55									✓
C61	✓								
C62			✓						
C63		✓							
C64					✓				
C65				✓					
C71	✓								
C72							✓		
C73		✓							

C74									✓
C75							✓		
C81	✓								
C82		✓							
C83			✓						
C84				✓					
C85			✓			✓			✓
C91	✓								
C92		✓							
C93				✓					
C94			✓						
C95	✓				✓				
C101	✓								
C102			✓						
C103		✓							
C104			✓				✓		
C105						✓	✓	✓	

PGDEA (पी.जी.डी.ई.ए.)

Post Graduate Diploma in Educational Administration

शिक्षा प्रशासन में स्नातकोत्तर डिप्लोमा

Programme Offerd from: 2009	AC Minutes: point no. 19.06, Dated 18/05/2009
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Programme objectives

- (i) To enable the learners to understand nature scope, functions, principles and approaches of educational administration and management.
- (ii) To acquaint the learners with the processes of educational management.
- (iii) To develop an understanding in the learners about the management of finance, resources and enable them to prepare for school/ institutional management.
- (iv) To orient learners with the procedures of supervision, inspection and improvement in the field of education.

- (v) To make the Learners understandings about the type of leadership, required and accountability to be maintained by the teachers and administrators.
- (vi) To acquaint the learners with the educational administration in India.
- (vii) To orient the learners with the tools and techniques of data collection.
- (viii) To develop skills among the learners towards educational technologies.

Programme Outcomes (PO)

After completion of the program (PGDEA), the learners will be able:

- PO1:** To understand the concept and trends of Educational Administration.
- PO2:** To explain concerned institutional climate, its protocols and ethics.
- PO3:** To discuss about the various styles of leadership in education.
- PO4:** To conduct the research in the field of educational administration.
- PO5:** To understand the national systems of educational administration in India.
- PO6:** To use educational technology in educational administration.

Utility of the Programme

- The required skills and values may be inculcated in Educational Administrators and Managers.
- The opportunities may be provided for Graduates to enrich the knowledge and skills in the field of Educational Administration and Management.

Job Opportunities

- In the field of Educational Administration and Management.
- In the field of teaching at Higher Education as a specific need.
- In the field of Research in Educational Administration and Management as a Research Associate, Research Assistant and Field Investigator.

Social Effect

- It is a popular Programme among the employees of Educational Administrators and Managers and Teachers.

Programme Structer

Year	Paper No	Course Code	Title of the Course/ पाठ्यक्रम का शीर्षक	Credits
One Year Course	516	PGDEA- 01	शैक्षिक प्रशासन और प्रबन्धन का परिचय	8
	517	PGDEA-02	संस्थागत परिवेश एवं नेतृत्व	8
	518	PGDEA-03	भारत में शैक्षिक प्रशासन	8
	519	PGDEA-04	शैक्षिक प्रशासन में अनुसंधान	8
	25008	PGDEA-05	शिक्षा में प्रद्योगिकी	8
Total Credits				40

Course Content

PGDEA- 01

Introduction to Educational Administration and Management

शैक्षिक प्रशासन और प्रबन्धन का परिचय

Course Outcomes:

After completion of this course the learner will be able –

CO-1: To understand the scope and principles educational administration.

CO-2: To explain the various approaches and theories of educational administration.

CO-3: To discuss the human relations and administration.

CO-4: To describe the process of decision making in educational administration.

Course Content

Block	Unit	Title
खण्ड – 01 शैक्षिक प्रशासन का स्वरूप एवं सिद्धान्त	1	शैक्षिक प्रशासन की अवधारणा
	2	भारत में शैक्षिक प्रशासन का विकास
	3	प्रशासनिक प्रक्रिया के अंग
	4	शैक्षिक प्रशासन के सिद्धान्त
खण्ड – 02 शिक्षा प्रशासन में प्रणाली अभिगम	5	प्रणाली उपागम की संकल्पना
	6	शिक्षा प्रशासन के प्रमुख उपागम

	7	विद्यालय सामाजिक प्रणाली के रूप में
	8	शैक्षिक विकास की भूमिका संघर्ष
खण्ड – 03 प्रशासन एवं मानवीय सम्बन्ध	9	प्रधानाध्यापक – शिक्षक सम्बन्ध
	10	प्रशासक – विद्यार्थी सम्बन्ध
	11	कार्यदक्षता तथा मानवीय सम्बन्ध
	12	जनतांत्रिक प्रशासन
खण्ड – 04 शैक्षिक प्रशासन में निर्णय प्रक्रिया	13	केन्द्रित प्रशासन
	14	विकेन्द्रित प्रशासन
	15	निर्णयन के प्रकार एवं प्रक्रिया
	16	निर्णयन शैलियाँ

PGDEA – 02

Institutional Climate and Leadership

संस्थागत परिवेश एवं नेतृत्व

Course Outcomes:

After completion of this course the learner will be able –

CO-1: To understand the concepts and principles of developing educational organizations.

CO-2: To explain the innovations and changes in Educational organizations.

CO-3: To discuss the educational supervision.

CO-4: To develop their leadership capabilities.

Course Content

Block	Unit	Title
खण्ड – 01 शैक्षिक संगठन के सिद्धान्त एवं शैक्षिक नियंत्रण	1	शैक्षिक संगठन का स्वरूप
	2	शैक्षिक संगठन के प्रमुख सिद्धान्त
	3	शैक्षिक नियंत्रण की भूमिका
	4	शैक्षिक नियंत्रण के प्रकार
खण्ड – 02 शैक्षिक संगठन में नवाचार	5	प्रशासनिक पर्यावरण
	6	शैक्षिक नवाचार के प्रभावी कारक
	7	शैक्षिक संगठन और परिवर्तन
	8	आधुनिक भारत और नियोजित नवाचार
खण्ड – 03 शैक्षिक पर्यवेक्षण	9	शैक्षिक पर्यवेक्षण की आवश्यकता एवं महत्व
	10	शैक्षिक पर्यवेक्षण की विशेषताएं
	11	पर्यवेक्षण के प्रकार
	12	पर्यवेक्षण के स्रोत
खण्ड – 04 शैक्षिक नेतृत्व	13	नेतृत्व अवधारणा
	14	नेतृत्व सिद्धान्त
	15	शैक्षिक प्रशासन में नेतृत्व
	16	प्राधानाचार्य के नेतृत्व से अपेक्षाएँ

PGDEA – 03

Educational Administration in India

भारत में शैक्षिक प्रशासन

Course Outcomes:

After completion of this course the learner will be able –

CO-1: To understand the structure of educational administration.

CO-2: To explain the provisions and achievements in education in various Five Year Plans.

CO-3: To discuss the budgeting and financial system of education.

CO-4: To develop the school budget.

Course Content

Block	Unit	Title
खण्ड – 01 शैक्षिक प्रशासन का स्वरूप	1	शैक्षिक प्रशासन का स्वरूप
	2	केन्द्रीय स्तर पर प्रशासन की संरचना
	3	राज्य स्तर पर शैक्षिक प्रशासन की संरचना
	4	जिला स्तर पर शैक्षिक प्रशासन की संरचना
खण्ड – 02 भारत की पंचवर्षीय योजनाएँ एवं शिक्षा	5	पंचवर्षीय योजनाओं का इतिहास एवं शिक्षा
	6	प्रमुख शैक्षिक उपलब्धियाँ
	7	गुणात्मक शैक्षिक प्रशासन के विकास के प्रयास
	8	शिक्षा के विकास में गैर सरकारी संगठनों की भूमिका
खण्ड – 03	9	शिक्षा की वित्तीय व्यवस्था

भारतीय शिक्षा की वित्तीय व्यवस्था	10	शैक्षिक लागत तथ व्यय
	11	शैक्षिक अनुदान के प्रकार
	12	शैक्षिक आय के स्रोत
खण्ड – 04 विद्यालय की वित्तीय व्यवस्था	13	विद्यालयी आय के स्रोत
	14	विद्यालय बजट
	15	विद्यालय लेखा संचालन
	16	वित्तीय व्यवस्था सम्बन्धी समस्यायें

PGDEA-04

Tools and Techniques of Data Collection

शैक्षिक प्रशासन में अनुसंधान

Course Outcomes:

After completion of this course the learner will be able –

CO-1: To understand the process of research in educational administration.

CO-2: To explain the different types of tools and Techniques of data collection.

CO-3: To discuss the process of standardization of tests.

CO-4: To compute the various statistical values.

Course Content

Block	Unit	Title
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खण्ड – 01 शैक्षिक प्रशासन में अनुसंधान का स्वरूप	1	शैक्षिक प्रशासन में अनुसंधान का स्वरूप
	2	शैक्षिक प्रशासन में अनुसंधान के प्रमुख प्रकार
	3	शैक्षिक प्रशासन में अनुसंधान के प्रमुख क्षेत्र
	4	क्रियात्मक अनुसंधान
खण्ड – 02 प्रशासनिक शोध के उपकरण एवं परीक्षण	5	प्रश्नावली एवं निर्धारण मापनी
	6	समाजमिति एवं संचयी अभिलेख
	7	अवलोकन एवं साक्षात्कार
	8	अनुसूची एवं अन्य साधन
खण्ड – 03 अच्छे परीक्षण की विशेषताएं	9	विश्वसनीयता
	10	वैधता
	11	पद विश्लेषण
	12	मानक त्रुटि
खण्ड – 04 प्रशासनिक शोध में प्रयुक्त सांख्यिकी	13	सांख्यिकी की प्रकृति
	14	केन्द्रीय प्रवृत्ति के मान एवं विचलनशीलता
	15	टी-परीक्षण तथा सार्थकता स्तर
	16	सह सम्बन्ध

Educational Technology

शिक्षा में प्रौद्योगिकी

Course Outcomes:

After completion of this course the learner will be able –

CO-1: To understand the concept, scope and developmental history of E.T.

CO-2: To explain the various tools, techniques and models of E.T.

CO-3: To select and integrate the various means of communication.

CO-4: To manage and evaluate the E.T.

CO-5: To recognize the issues, innovations and research priorities in E.T.

Course Content

Block	Unit	Title
खण्ड – 01 शैक्षिक प्रौद्योगिकी का स्वरूप, आवश्यकता एवं विकास	1	शैक्षिक प्रौद्योगिकी का अर्थ एवं आवश्यकता
	2	शैक्षिक प्रौद्योगिकी का ऐतिहासिक परिप्रेक्ष्य
	3	शैक्षिक प्रौद्योगिकी के उद्देश्य एवं उपागम
	4	शैक्षिक प्रौद्योगिकी के उभरते स्वरूप
खण्ड – 02 शैक्षिक प्रौद्योगिकी में यंत्र सामग्री	5	शैक्षिक तकनीकी की विधियाँ एवं युक्तियाँ
	6	शिक्षण के प्रतिमान
	7	शैक्षिक प्रौद्योगिकी में हार्डवेयर
	8	शैक्षिक प्रौद्योगिकी में साफ्टवेयर
खण्ड – 03	9	दूर संचार साधनों का चयन एवं समाकलन

सूचना एवं सम्प्रेषण तकनीक	10	शैक्षिक तकनीकी में श्रव्य-दृश्य सामग्री
	11	शिक्षण कौशलों में दूर संचार साधनों का प्रयोग
	12	दूर संचार साधनों से संबंधित चुनौतियाँ एवं समस्याएँ
खण्ड – 04 शैक्षिक प्रौद्योगिकी का प्रबन्ध एवं मूल्यांकन	13	शैक्षिक प्रौद्योगिकी का आर्थिक पहलू
	14	शैक्षिक प्रौद्योगिकी का प्रबन्धन
	15	शैक्षिक प्रौद्योगिकी का मूल्यांकन
	16	शैक्षिक प्रौद्योगिकी में नवाचार

Mapping of Curricula to Programme Outcomes

Programme Outcomes →	P1	P2	P3	P4	P5	P6
Course Outcomes ↓						
C11	✓					
C12		✓				
C13			✓		✓	
C14			✓			
C21	✓					
C22		✓				
C23			✓			
C24					✓	✓

C31	✓					
C32		✓				
C33			✓			✓
C34	✓					
C35		✓				
C41	✓					
C42		✓				
C43				✓		
C44				✓		✓
C51	✓					
C52		✓				
C53			✓			
C54				✓		
C55					✓	✓

PGDDE (पी.जी.डी.डी.ई.)

Post Graduate Diploma in Distance Education

दूरस्थ शिक्षा में स्नातकोत्तर डिप्लोमा

Programme Offerd from: 2009	AC Minutes: point no. 19.06, Dated 18/05/2009
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Programme objectives

- (i) To enable the learners to understand the meaning, scope, objectives of distance education and need of distance education in the present Indian & global society.
- (ii) To develop an understanding in the learners about designing and development of self learning materials.
- (iii) To acquaint the students with the various modes of learner support services prevailing in the distance education.
- (iv) To orient the learners with the management of distance education.
- (v) To develop competencies of communication technology for distance education

Programme outcomes

After completion of this Programme the learner will be able –

PO1 : To understand the the growth and philosophy of distance education.

PO2 : To evaluate the system of distance education.

PO3 : To design and develop the Self Learning Materials (SLMs).

PO4 : To analyze the issues of distance education.

PO5 : To explain the Learner Support Services for distance education.

PO6 : To recognize the role of various agencies in distance education.

PO7 : To discuss the management of Distance Education.

PO8 : To use the Communication Technology for Distance Education.

Utility of the Programme

- The required skills and values may be improved among the learner in the field of Open and Distance Learning.
- The opportunities for Graduates to enrichment the knowledge and skills may be provided in the field of Open and Distance Learning.

Job Opportunities

- In the field of teaching at Higher Education as a specific need.
- In the field of Open and Distance Learning Institutions as a desirable qualification.
- In the field of Research in Open and Distance Learning as a Research Associate, Research Assistant and Field Investigator.

Social Effect

- It is a useful Programme for Distance Education Learners and employees.

Programme Structer

Year	Paper No	Course Code	Title of the Course/ पाठ्यक्रम का शीर्षक	Credits
Orientation one Year Course	544	PGDDE-01	Growth and Philosophy of Distance Education	8
	545	PGDDE -02	Design and Development of Self Learning Materials	8
	546	PGDDE-03	Learner Support Services	8
	547	PGDDE-04	Management of Distance Education	8
	548	PGDDE-05	Communication Technology for Distance Education	8

Total Credits

40

PGDDE – 01

Growth and Philosophy of Distance Education

दूरस्थ शिक्षा का दर्शन और उसका विकास

Course Outcomes:

After completion of this course the learner will be able –

CO-1: To understand the concept and principles of distance education.

CO-2: To explain the Philosophy and historical perspectives of distance education.

CO-3: To point out the various elements of distance education.

CO-4: To discuss the structure of distance education at global level.

Course Content

Block	Unit	Title
खण्ड – 01 दूरस्थ शिक्षा की अवधारणा एवं स्वरूप	1	दूरस्थ शिक्षा की अवधारणा एवं प्रकृति
	2	दूरस्थ शिक्षा के आधारभूत सिद्धान्त एवं आवश्यकता
	3	दूरस्थ शिक्षा के समकालिक प्रत्यय एवं अनुशासन के रूप में व्याख्या
	4	दूरस्थ शिक्षा के आधारभूत तत्व
खण्ड – 02 दूरस्थ शिक्षा का दार्शनिक एवं ऐतिहासिक परिप्रेक्ष्य	5	दूरस्थ शिक्षा का दार्शनिक परिप्रेक्ष्य
	6	दूरस्थ शिक्षा की उत्पत्ति एवं ऐतिहासिक परिप्रेक्ष्य
	7	दूरस्थ शिक्षा की पीढ़ियाँ
	8	दूरस्थ शिक्षा के विकास हेतु भारत के नीतिगत प्रयास
खण्ड – 03 दूरस्थ शिक्षा के प्रमुख घटक	9	दूरस्थ शिक्षक
	10	दूरस्थ विद्यार्थी
	11	दूरस्थ शिक्षा का नियोजन
	12	दूरस्थ शिक्षा में प्रशिक्षण
खण्ड – 04 वैश्विक स्तर पर दूरस्थ शिक्षा की संरचना	13	अन्तर्राष्ट्रीय स्तर पर दूरस्थ शिक्षा
	14	यूरोपीय देशों में दूरस्थ शिक्षा

	15	अफ्रीकी देशों में दूरस्थ शिक्षा
	16	एशियाई देशों में दूरस्थ शिक्षा

PGDDE- 02

Design and Development of Self Learning Materials

स्वअध्ययन सामग्री का स्वरूप एवं विकास

Course Outcomes:

After completion of this course the learner will be able –

CO-1: To understand the concept and principles of Self Learning Materials.

CO-2: To point out the characteristics and elements of Self Learning Materials

CO-3: To explain the process of development of Self Learning Materials.

CO-4: To evaluate the Self Learning Materials.

Course Content

Block	Unit	Title
खण्ड – 01 स्वअध्ययन सामग्री की संकल्पना एवं स्वरूप	1	स्वअध्ययन सामग्री की प्रकृति
	2	स्वअध्ययन सामग्री निर्माण की आवश्यकता
	3	स्वअध्ययन सामग्री निर्माण के सिद्धान्त
	4	स्वअध्ययन सामग्री के उद्देश्य एवं कार्य

खण्ड – 02 स्वअध्ययन सामग्री की विशेषताएं एवं आवश्यक तत्व	5	स्वअध्ययन सामग्री की विशेषताएं
	6	स्वअध्ययन सामग्री के आवश्यक तत्व
	7	स्वअध्ययन सामग्री की गुणवत्ता
	8	स्वअध्ययन सामग्री की उपयोगिता
खण्ड – 03 अध्ययन सामग्री के निर्माण की प्रक्रिया	9	स्वअध्ययन सामग्री का लेखन
	10	स्वअध्ययन सामग्री का सम्पादन
	11	स्वअध्ययन सामग्री का मुद्रण
	12	स्वअध्ययन सामग्री सम्बन्धी कौशल
खण्ड – 04 स्वअध्ययन सामग्री सम्बन्धी कौशल एवं मूल्यांकन	13	स्वअध्ययन सामग्री सम्बन्धी कौशल
	14	स्वअध्ययन सामग्री सम्बन्धी प्रशिक्षण
	15	स्वअध्ययन सामग्री का अभिकल्पन
	16	स्वअध्ययन सामग्री का मूल्यांकन

PGDDE – 03

Learner Support Services

विद्यार्थी सहायतित सेवाएं

Course Outcomes:

After completion of this course the learner will be able –

CO-1: To understand the need and principles of learners support services.

CO-2: To discuss the types and process of counseling services in distance education.

CO-3: To construct and evaluate the assignments.

CO-4: To recognize the issues and challenges of learners support services.

Course Content

Block	Unit	Title
खण्ड – 01 शिक्षार्थी सहायक सेवाओं की आवश्यकता एवं सिद्धान्त	1	शिक्षार्थी सहायक सेवाओं की आवश्यकता एवं उद्देश्य
	2	शिक्षार्थी सहायक सेवाओं की संकल्पना
	3	स्वअध्ययन सामग्री पठन के कौशल
	4	स्वअध्ययन सामग्री अध्ययन के कौशल
खण्ड – 02 परामर्श सेवायें	5	परामर्श की अवधारणा
	6	परामर्श के प्रकार
	7	परामर्श की प्रक्रिया
	8	अधिन्यास का मूल्यांकन
खण्ड – 03 अधिन्यास	9	अधिन्यास का उद्देश्य एवं आधार
	10	अधिन्यास के प्रकार
	11	अधिन्यास निर्माण प्रक्रिया
	12	अधिन्यास का मूल्यांकन
खण्ड – 04	13	शिक्षार्थी सहायता सेवाओं सम्बन्धी समस्यायें

शिक्षार्थी सहायक सेवाओं की चुनौतियों एवं समस्यायें	14	शिक्षार्थी सहायता सेवाओं सम्बन्धी प्रशिक्षण
	15	शिक्षार्थी सहायता सेवाओं सम्बन्धी चुनौतियां
	16	शिक्षार्थी सहायता सेवाओं का मूल्यांकन

PGDDE – 04

Management of Distance Education

दूरस्थ शिक्षा का प्रबन्धन

Course Outcomes:

After completion of this course the learner will be able –

CO-1: To understand the managerial structure of distance education.

CO-2: To explain the academic and administrative characteristics of national and state distance education institutions.

CO-3: To point out the data related to distance education.

CO-4: To recognize the important distance education institutions.

Course Content

Block	Unit	Title
खण्ड – 01 दूरस्थ शिक्षा की प्रबन्धनात्मक संरचना	1	दूरस्थ शिक्षा का संगठन
	2	दूरस्थ शिक्षा में प्रबंधन
	3	दूरस्थ शिक्षा का प्रबन्धन स्कूल स्तर पर

	4	उच्च स्तर पर दूरस्थ शिक्षा का प्रबन्धन
खण्ड – 02 दूरस्थ शिक्षा सम्बन्धी प्रमुख केन्द्रीय संस्थान	5	राष्ट्रीय मुक्त वि.वि. की प्रमुख शैक्षणिक विशेषताएं
	6	राष्ट्रीय मुक्त वि.वि. की प्रशासनिक संरचना
	7	राष्ट्रीय मुक्त वि.वि. के प्रमुख शैक्षणिक कार्यक्रम
	8	राष्ट्रीय मुक्त वि.वि. की अनुदेशन प्रणाली
खण्ड – 03 दूरस्थ शिक्षा के प्रमुख राजकीय संस्थान (प्रथम)	9	उ० प्र० मुक्त वि०वि० की प्रमुख शैक्षणिक विशेषताएं
	10	उ० प्र० मुक्त वि०वि० की प्रशासनिक संरचना
	11	उ० प्र० मुक्त वि०वि० के प्रमुख शैक्षणिक कार्यक्रम
	12	उ० प्र० मुक्त वि०वि० की अनुदेशन प्रणाली
खण्ड – 04 दूरस्थ शिक्षा के प्रमुख राजकीय संस्थान (द्वितीय)	13	राष्ट्र के अन्य मुक्त विश्वविद्यालय
	14	राष्ट्रीय मुक्त विद्यालयी संस्थान (NIOS)
	15	अन्य संस्थान
	16	दूरस्थ शिक्षा सम्बन्धी प्रमुख आंकड़े

PGDDE - 05

Communication Technology for Distance Education

दूरस्थ शिक्षा के लिए संचार प्रौद्योगिकी

Course Outcomes:

After completion of this course the learner will be able –

CO-1: To understand the structure and development communication technology in distance education.

CO-2: To explain the types of communication technology in distance education..

CO-3: To use computer and resource based learning.

CO-4: To recognize the problems related with communication technology.

Course Content

Block	Unit	Title
खण्ड – 01 दूरस्थ शिक्षा की संचार प्रौद्योगिकी का स्वरूप एवं विकास	1	दूरस्थ शिक्षा में संचार प्रौद्योगिकी का स्वरूप
	2	दूरस्थ शिक्षा में संचार प्रौद्योगिकी का विकास
	3	दूरस्थ शिक्षा में संचार प्रौद्योगिकी की आवश्यकता एवं उपयोग
	4	संचार प्रौद्योगिकी की पीढ़िया
खण्ड – 02 संचार प्रौद्योगिकी के प्रकार	5	प्रमुख संचार प्रौद्योगिकी
	6	संचार माध्यमों का वर्गीकरण
	7	शैक्षिक दूरदर्शन एवं एजुकेशन सैटलाइट
	8	आडियो एवं वीडियो कान्फ्रेन्सिंग
खण्ड – 03 संसाधन आधारित अधिगम	9	संसाधन आधारित अधिगम का स्वरूप
	10	दूरस्थ शिक्षा सम्बन्धी परियोजनायें
	11	शिक्षण मशीन

C33			✓	✓				
C34						✓		
C41	✓							
C42					✓			
C43				✓			✓	
C44		✓				✓		
C51	✓							
C52		✓			✓			
C53								✓
C54						✓		

PGDVGCC

Post Graduate Diploma in Vocational Guidance and Career Counseling

वेकेशनल गाइडेन्स एवं कैरियर काउन्सलिंग स्नातकोत्तर डिप्लोमा

Programme Offerd from: 2009	AC Minutes: point no. 19.06, Dated 18/05/2009
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Programme Objectives

- (i) To enable the learner to understand the concept and need of guidance and counseling
- (ii) To help learner understand principles and problems of different types of guidance and counseling
- (iii) To help learner understand concept and need of guidance for the children with special needs
- (iv) To acquaint the learner with the aims and principles of guidance programme.
- (v) To develop in learner an understanding of various procedures of organizing various guidance services

Programme Outcome

After the completion of the programme learner will be able -

PO1: To understand the concept, scope and need of vocational guidance and career counseling.

PO2: To collect the required data for vocational guidance and career counseling programme.

PO3: To explain the process and skills of vocational guidance and career counseling.

PO4: To organize vocational guidance and career counseling programmes.

PO5: To recognize the issues of vocational guidance and career counseling.

Utility of the Programme

- Skilled and value based manpower in the field of Guidance and Counselling may be produced.
- The required knowledge and skills may be provided for an effective Counsellor.

Job Opportunities

- In the field of Guidance and Counselling Institutions.
- In the field of teaching as a specific need.
- In the field of Research in Guidance and Counselling as a Research Associate, Research Assistant and Field Investigator.

Social Effect

- It is a popular Programme in the Teachers, Counsellors and Educational Administrators Society but more popular in women.

Programme Structer

Year	Paper No	Course Code	Title of the Course/ पाठ्यक्रम का शीर्षक	Credits
One Year Course	538	PGDVGCC - 01	निर्देशन का स्वरूप एवं तकनीकि	8
	539	PGDVGCC - 02	व्यावसायिक निर्देशन	8
	540	PGDVGCC - 03	सूचना संकलन	8
	541	PGDVGCC - 04	परामर्श प्रक्रिया और कौशल	8
	542	PGDVGCC- 05	निर्देशन और परामर्श के मुद्दे	8
Total Credits				40

Nature and Techniques of Guidance

निर्देशन का स्वरूप एवं तकनीक

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To understand concept, needs and history of guidance.
- CO2:** To explain the types of guidance.
- CO3:** To discuss the principles, techniques and models of guidance.
- CO4:** To identify the problems of children with special needs.
- CO5:** To describe the various information services of guidance programme.

Course Content

खण्ड –01 निर्देशन का इतिहास, आवश्यकता एवं प्रकार

- इकाई– 1 निर्देशन का इतिहास
- इकाई – 2 निर्देशन के सम्प्रत्यय
- इकाई – 3 निर्देशन की आवश्यकता
- इकाई – 4 निर्देशन के प्रकार

खण्ड –02 निर्देशन के सिद्धान्त तकनीक एवं माडल

- इकाई– 5 निर्देशन के सिद्धान्त
- इकाई – 6 निर्देशन की तकनीक
- इकाई – 7 निर्देशन के मॉडल –1
- इकाई – 8 निर्देशन के मॉडल –2

खण्ड –03 विशेष आवश्यकता वाले बच्चों का निर्देशन

- इकाई— 9 विशिष्ट बालकों का निर्देशन एवं परामर्श
इकाई – 10 पिछड़े एवं मन्दबुद्धि बालकों की समस्यायें
इकाई – 11 सामाजिक रूप से पिछड़े वर्ग की समस्यायें
इकाई – 12 संवेगात्मक समस्याओं वाले छात्रों का निर्देशन

खण्ड –04 निर्देशन कार्यक्रम की सूचना सेवा

- इकाई – 13 व्यवसायिक सूचना सेवा
इकाई – 14 परामर्श सेवा
इकाई – 15 स्नानन एवं अनुवर्ती सेवा
इकाई – 16 मूल्यांकन एवं अनुसन्धान सेवा

PGDVGCC – 02

Vocational Guidance

व्यावसायिक निर्देशन

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To understand the nature, need and history of vocational guidance.
CO2: To classify the vocations.
CO3: To develop the vocational training plan.
CO4: To identify various jobs and placement areas.

CO5: To evaluate vocational guidance.

Course Content

खण्ड –01 व्यावसायिक निर्देशन का इतिहास, आवश्यकता, प्रकृति तथा व्यावसायिक निर्देशन के प्रकार

- इकाई – 1 व्यावसायिक निर्देशन का इतिहास
- इकाई – 2 व्यावसायिक निर्देशन की आवश्यकता
- इकाई – 3 व्यावसायिक निर्देशन की प्रकृति
- इकाई – 4 व्यावसायिक निर्देशन के प्रकार : विभिन्न स्तर पर व्यावसायिक निर्देशन

खण्ड –02 व्यवसाय के अवसर तथा व्यवसाय का वर्गीकरण

- इकाई – 5 व्यवसाय के प्रकार
- इकाई – 6 व्यवसाय चयन हेतु आवश्यक बिन्दु/तथ्य
- इकाई – 7 व्यावसायिक निर्देशन की प्रक्रिया
- इकाई – 8 व्यवसाय का वर्गीकरण

खण्ड –03 रोजगार विश्लेषण, रोजगार स्थानापन्न, कार्यक्षमता एवं अनुवर्ती सेवायें

- इकाई – 9 रोजगार विश्लेषण
- इकाई – 10 रोजगार स्थानापन्न
- इकाई – 11 व्यावसायिक कुसमायोजन
- इकाई – 12 अनुवर्ती सेवायें

खण्ड –04 व्यावसायिक निर्देशन का मूल्यांकन

- इकाई – 13 व्यावसायिक निर्देशन
- इकाई – 14 व्यावसायिक चयन
- इकाई – 15 रोजगार सन्तुष्टि

PGDVGCC – 03

Data Collection

सूचना संकलन

Course Outcomes:

After completion of this course the learner will be able –

- CO1:** To understand nature of data and data collection.
- CO2:** To explain the tool and techniques of data collection.
- CO3:** To select an appropriate tool or test for data collection.
- CO4:** To use the various psychological tests for data collection.

Course Content

खण्ड –01 सूचना संकलन की प्रकृति

- इकाई– 1 सूचना संकलन के विभिन्न उपकरण एवं प्रविधियाँ
- इकाई – 2 एक अच्छे उपकरण की विशेषताएँ
- इकाई – 3 वैधता एवं विश्वसनीयता
- इकाई – 4 मानक एवं ऑकड़ों की व्याख्या

खण्ड –02 प्रश्नावली एवं निर्धारण मापनी

- इकाई– 5 अवलोकन
- इकाई – 6 साक्षात्कार
- इकाई – 7 प्रश्नावली

इकाई – 8 निर्धारण मापनी

खण्ड –03 परीक्षण

इकाई– 9 उपलब्धि

इकाई – 10 बुद्धि परीक्षण

इकाई – 11 अभिक्षमता परीक्षण

इकाई – 12 रूचि परीक्षण

खण्ड –04 व्यक्तित्व मापन की तकनीकें तथा समाजमिति

इकाई – 13 व्यक्तित्व परिसूचियों तथा प्रश्नावली तकनीक

इकाई – 14 निर्धारण मापनी तकनीक

इकाई – 15 प्रक्षेप तकनीक

इकाई – 16 समाजमिति

PGDVGCC – 04

Counseling Process and Skill

परामर्श प्रक्रिया एवं कौशल

Course Outcomes:

After completion of this course the learner will be able –

CO1: To understand concept, needs and types of counseling.

- CO2:** To explain the process of counseling.
- CO3:** To construct career skill development plan.
- CO4:** To describe the process of development of self-image and self-esteem.
- CO5:** To discuss about the various methods of career counseling.

Course Content

खण्ड –01 परामर्श की अवधारणा, आवश्यकता एवं प्रकार

- इकाई– 1 परामर्श की अवधारणा
- इकाई – 2 परामर्श की आवश्यकता
- इकाई – 3 परामर्श के प्रकार
- इकाई – 4 परामर्शदाताओं के लिए नैतिक सिद्धान्त

खण्ड –02 कैरियर परामर्श की विधियाँ

- इकाई– 5 परामर्श की स्थितियां
- इकाई – 6 निदानात्मक प्रविधियां
- इकाई – 7 कैरियर परामर्श की विधियां
- इकाई – 8 सामूहिक परामर्श

खण्ड –03 परामर्श की प्रकृति तथा कैरियर का विकास

- इकाई– 9 सामूहिक प्रक्रम
- इकाई – 10 परामर्शदाता एवं परामर्शप्रार्थी
- इकाई – 11 निर्देशात्मक एवं अनिर्देशात्मक परामर्श
- इकाई – 12 कैरियर विकास

खण्ड –04 परामर्श कौशल तथा योजनायें

- इकाई – 13 परामर्श विधियां
- इकाई – 14 परामर्श के उद्देश्य

इकाई – 15 परामर्शदाता के गुण

इकाई – 16 परामर्श का मूल्यांकन

PGDVGCC – 05

Issues of Guidance and Counseling

निर्देशन और परामर्श के मुद्दे

Course Outcomes:

After completion of this course the learner will be able –

CO1: To understand various problems of guidance and counseling.

CO2: To identify the individual problem for guidance and counseling.

CO3: To understand concept of integrated education.

CO4: To explain the concept and needs of integrated education.

CO5: To conduct research in the field guidance and counseling.

Course Content

खण्ड –01 निर्देशन और परामर्श की समस्याएं

इकाई– 1 वैयक्तिक समस्यायें और निर्देशन – परामर्श

इकाई – 2 सामाजिक समस्यायें और निर्देशन – परामर्श

इकाई – 3 शैक्षिक समस्यायें और निर्देशन – परामर्श

इकाई – 4 व्यावसायिक (आर्थिक) चयन की समस्यायें और निर्देशन –परामर्श

खण्ड –02 समेकित शिक्षा योजनान्तर्गत नियमित विद्यालयों में समेकित विकलांग बच्चों का निर्देशन

- इकाई— 5 समेकित शिक्षा की अवधारणा एवं प्रयोजन
- इकाई – 6 सामान्य विद्यालयों में समेकित गामक दोषों से ग्रस्त बच्चों का निर्देशन
- इकाई – 7 सामान्य विद्यालयों में समेकित श्रवण बाधाग्रस्त बच्चों का निर्देशन
- इकाई – 8 सामान्य विद्यालयों में समेकित दृष्टि बाधित बच्चों का निर्देशन
- इकाई – 9 सामान्य विद्यालयों में समेकित मानसिक रूप से मन्दित बच्चों का निर्देशन

खण्ड –03 वर्णनात्मक सांख्यिकी

- इकाई – 10 संख्याओं का विज्ञान
- इकाई – 11 विचलन के माप
- इकाई – 12 सहसम्बन्ध
- इकाई – 13 सामान्य सम्भावयता वक्र

खण्ड –04 निर्देशन और मापन में शोध

- इकाई – 13 निर्देशन सेवा में शोध अध्ययनों की आवश्यकता
- इकाई – 14 निर्देशन और परामर्श कार्यक्रम में शोध प्राथमिकताओं के क्षेत्र
- इकाई – 15 निर्देशन कर्मी (परामर्शदाता) की व्यावसयिक दक्षता में संवर्द्धन में शोध की भूमिका
- इकाई – 16 शोध अध्ययन की प्रक्रिया एवं आख्या लेखन

Mapping of Curricula to Programme Outcomes

Programme Outcomes →	P1	P2	P3	P4	P5
Course Outcomes ↓					

C11	✓				
C12			✓		
C13		✓			
C14			✓		✓
C15					✓
C21	✓				
C22		✓			
C23				✓	
C24					✓
C25		✓			
C31	✓				
C32		✓	✓		
C33		✓			
C34				✓	✓
C41	✓				
C42			✓		
C43					✓

C44			✓		
C45			✓		✓
C51	✓				
C52		✓			
C53	✓				
C54			✓		
C55			✓		✓

P.G. DIPLOMA IN GOODS & SERVICES TAX (PGDGST)

PGDGST

Programme Objective

PO1 :- To strengthen stake holder for enrichment of knowledge and skill development.

PO2 :- To aware learners and explore new development in the area of Goods and Services.

PO3 :- To make learners aware with new rules and regulations adopted by the industry made by the government in GST

PO4 :- To make learners aware of best practices adopted the field of Tax and Commerce.

Course Code		Title of Course
GST 1	CO1	Introduction to GST Course Objective: CO 1 To make learners aware of GST CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with the new reforms of government
GST 2	CO2	GST and Exemptions Course Objective: CO1 To make learners aware of GST and exemptions CO2 To make learners enhance their capabilities and skills CO3 To make learners aware with best practices adopted in the industry in the field of GST. CO4 To develop new skills in the learners needed in the industry.
GST 3	CO3	GST Payment Course Objective: CO1 To make learners aware of GST payment CO 2 To make learners enhance their capabilities and skills CO 3 To make learners aware with best practices adopted in the industry CO 4 To make learners aware with new rules and regulations adopted by the industry made by the government
GST 4	CO4	GST Assessment and Tax Audit Course Objective: CO 1 To make learners aware of GST Assessment and Tax Audit CO 2 To make learners enhance their capabilities and skills needed for decision making. CO 3 To make learners aware with the GST Assessment and Tax Audit CO 4 To make learners enhance their skills CO 5 To develop analytical skills of learners. CO 5 To provide practical knowledge of the subject
GST 5	CO5	Customs Law Course Objective: CO 1 To make learners aware of Customs Law CO 2 To make learners enhance their capabilities and skills for development and change in organisation

		CO 3 To make learners aware with the Emotional Intelligence CO 4 To develop management skills and develop leadership qualities.
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Course Mapping

CO01		*	*	*
CO02	*	*	*	*
CO03	*	*	*	*
CO04	*	*	*	*
CO05	*	*	*	*

P. G. Diploma in Remote Sensing and GIS

Introduction : Remote sensing is defined as the measurement of object properties on the earth's surface using data acquired from aircraft and satellites. The development of geographic information systems for handling and manipulating data in digital form, and also development of techniques such as the global positioning system and satellite remote sensing has led to a vast increase in the use of geospatial data. Its application especially in the location based services further enhanced its importance as a vibrant geospatial industry capable of generating opportunities for career and employment. The P.G. Diploma programme aims to provide in-depth understanding of Remote Sensing, Satellite Image Analysis, Geographic Information System (GIS) and Global Navigation Satellite System (GNSS) technologies and their applications in various field i.e, agriculture and soil, forestry and ecology, geosciences, water resources, urban and regional studies, large scale mapping and disaster management studies etc.

Objective:

- Attain a foundational knowledge and computational and perceptual basis for Remote Sensing and GIS.
- To acquire skills in storing, managing digital data for planning and development.
- Gain familiarity with a variety of physical, biological and human geographical applications of remote sensing.

Program Outcomes:

PO1- Learners will be able to recognize and explain at basic level fundamental physical principles of Remote Sensing and GIS.

PO2- Learners will read, interpret, and generate maps and other geographic representations as well as extract, analyze, and present information from a spatial perspective.

PO3- Learners will demonstrate proficiency and conceptual understanding is using software or manual techniques to carry out remote sensing image processing and analysis through a series of laboratory exercises and reports.

PO4- Learners demonstrate professional standards/ employability skills as required by business and industry.

Course Outcomes

PGDRS- 01	Principles of Remote Sensing				
COURSE OUTCOMES					
CO1- student will able to learn the principles of remote sensing					
CO2- . student will able to recognized different tools of remote sensing					
CO3 - . learner will able to identify the earth surface features from satellite images.					
CO4 - learner will able to analyse the energy interactions in the atmosphere and earth surface feature. .					
CO5- learner will able to classify the maps, coordinate systems and projections					
Mapping of CO to PO					
	Course Outcomes	Programme Outcome (PO)			
		PO1	PO2	PO3	PO4
	CO1	×		×	×
	CO2	×	×		×
	CO3	×	×		
	CO4	×		×	×
	CO5	×		×	×
PGDRS-02	Fundamentals of GIS				
COURSE OUTCOMES					
CO1- learner will able to analyse the basic components of GIS.					
CO2- learner will able to process spatial and attribute data and prepare thematic maps					
CO3- learner will able to identify and rectify mapping inaccuracies					
Mapping of CO to PO					
	Course	Programme Outcome (PO)			

	Outcomes	PO1	PO2	PO3	PO4
	CO1	×	×		
	CO2		×		
	CO3	×			×

PGDRS -03 Remote Sensing I (Practical)

COURSE OUTCOMES

CO1 - identify the different features from imageries

CO2- learner will able to prepare different types of map and arial photographes

CO3- learner will able to demonstrate professional skills

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)			
	PO1	PO2	PO3	PO4
CO1	×	×		
CO2		×		
CO3			×	×

PGDRS - 04 GIS Analysis I

COURSE OUTCOMES

CO1- learner will able to understand basic concept of GIS

CO2- learner will able to interpret data and generate maps

CO3- learner will able to use different types ofgis software

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)			
	PO1	PO2	PO3	PO4
CO1	×	×		×
CO2	×	×		
CO3	×		×	×

PGDRS-01 Advances in Remote Sensing and GIS

COURSE OUTCOMES

CO1 - learner will able to develop models in GIS with different tools

CO2- learner will able to analyse GIS data and slove problems

CO3 - learner will able to classify the photogrammetry methods and their applications

CO4- learner will able to demonstrate interior and exterior orientation on two overlapping aerial photographs.

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)			
	PO1	PO2	PO3	PO4
CO1	×	×		
CO2		×	×	

	CO3	×		×	×
	CO4		×	×	

PGDRS-02 Digital Image Processing

COURSE OUTCOMES

CO1- learner will able to classify the types and formats of satellite data

CO2- learner will able classify the processed remote sensing data

CO3- learner will able to evaluate the accuracy of image classification

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)			
	PO1	PO2	PO3	PO4
CO1	×		×	
CO2		×	×	
CO3	×	×	×	

PGDRS-03 Remote Sensing and GIS Applications

COURSE OUTCOMES

CO1- learner will able to design water and soil conservation structures.

CO2- learner will able to identify different sources and causes of pollution.

CO3- learner will able to identify groundwater potential zones, landslides, flood zone.

CO4- learner will able to prepare plans for disaster management and early warning systems.

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)			
	PO1	PO2	PO3	PO4
CO1	×		×	
CO2	×	×	×	×
CO3	×		×	×
CO4		×		×

PGDRS-04 Remote Sensing and GIS practical-II

COURSE OUTCOMES

CO1 – use the basic concept of remote sensing for mapping resources

CO2- apply principles of GIS and GPS for preparing the geospatial database

CO3- map geospatial features using GPS

CO4- interpret the navigational message and signals received by the GPS satellite

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)			
	PO1	PO2	PO3	PO4
CO1	×		×	×
CO2		×		×
CO3	×		×	×
CO4		×		

PGDRS-05**Project Work/Dissertation**

CO1- identify a topic related to social and hazard mitigation

CO2- make a critical review of the available literature on the topic

CO3- develop overall comprehension about remote sensing and GIS

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)			
	PO1	PO2	PO3	PO4
CO1	×			×
CO2	×		×	
CO3	×	×		×

Post Graduate Diploma in Environment and Sustainable Development (PGD-ESD)

Environmental studies are the scientific study of the environmental system and the status of its inherent or induced changes on organisms. It includes not only the study of physical and biological characters of the environment but also the social and cultural factors and the impact of man on environment.

The objectives of environmental studies are:

- Creating the awareness about environmental problems among people.
- Developing an attitude of concern for the environment.
- Acquiring skills to help the concerned individuals in identifying and solving environmental problems.

Program Outcomes:

PO1- Learners will be able to recognize and explain at basic level of environmental and sustainable development.

PO2- Learners will read different aspects of environment, factors, impact of human activity on environment and environmental action and reaction against human life.

PO3- Learners will demonstrate proficiency about development, resources and different aspects of relation between man and environment in global perspectives.

PO4- Learners demonstrate professional standards/ employability skills as required by business and industry.

PO5- Learners will acquire skills in the preparation, planning and implementation of environmental projects.

Course Outcomes

PGD-ESD- 01	Integrated Environment Management : Rural and Urban																																							
COURSE OUTCOMES																																								
<p>CO1- learner will able to learn about concepts and principles of sustainable environment</p> <p>CO2- learner will able to recognized use of different tools for the management of Environment, Energy resources, solid wastes, Biodiversity conservation like Remote Sensing & Geographical Information Systems and different methodologies.</p> <p>CO3 - learner will able to apply their knowledge for efficient environmental decision-making, management and sustainable development.</p> <p>CO4 - learner will able to analyse different governance and social approach in environmental management.</p>																																								
Mapping of CO to PO																																								
	<table border="1"> <thead> <tr> <th rowspan="2">Course Outcomes</th> <th colspan="5">Programme Outcome (PO)</th> </tr> <tr> <th>PO1</th> <th>PO2</th> <th>PO3</th> <th>PO4</th> <th>PO5</th> </tr> </thead> <tbody> <tr> <td>CO1</td> <td>×</td> <td></td> <td>×</td> <td>×</td> <td></td> </tr> <tr> <td>CO2</td> <td></td> <td>×</td> <td></td> <td>×</td> <td></td> </tr> <tr> <td>CO3</td> <td>×</td> <td>×</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO4</td> <td>×</td> <td></td> <td>×</td> <td>×</td> <td>×</td> </tr> </tbody> </table>					Course Outcomes	Programme Outcome (PO)					PO1	PO2	PO3	PO4	PO5	CO1	×		×	×		CO2		×		×		CO3	×	×				CO4	×		×	×	×
Course Outcomes	Programme Outcome (PO)																																							
	PO1	PO2	PO3	PO4	PO5																																			
CO1	×		×	×																																				
CO2		×		×																																				
CO3	×	×																																						
CO4	×		×	×	×																																			
PGD-ESD-02	Towards a Participatory Management																																							
COURSE OUTCOMES																																								
<p>CO1- learner will able to know the basic concept of environment management.</p> <p>CO2- learner will able to discuss policies, rules and international programe in global prespective.</p> <p>CO3- learner will able to demonstrate professional standards in NGO,s and different organizations.</p> <p>CO4- learners will able to discuss participation of youth, women in resource development.</p>																																								
Mapping of CO to PO																																								
	<table border="1"> <thead> <tr> <th rowspan="2">Course Outcomes</th> <th colspan="5">Programme Outcome (PO)</th> </tr> <tr> <th>PO1</th> <th>PO2</th> <th>PO3</th> <th>PO4</th> <th>PO5</th> </tr> </thead> <tbody> <tr> <td>CO1</td> <td>×</td> <td></td> <td></td> <td></td> <td>×</td> </tr> <tr> <td>CO2</td> <td></td> <td>×</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO3</td> <td>×</td> <td></td> <td></td> <td>×</td> <td></td> </tr> <tr> <td>CO4</td> <td>×</td> <td>×</td> <td>×</td> <td></td> <td></td> </tr> </tbody> </table>					Course Outcomes	Programme Outcome (PO)					PO1	PO2	PO3	PO4	PO5	CO1	×				×	CO2		×				CO3	×			×		CO4	×	×	×		
Course Outcomes	Programme Outcome (PO)																																							
	PO1	PO2	PO3	PO4	PO5																																			
CO1	×				×																																			
CO2		×																																						
CO3	×			×																																				
CO4	×	×	×																																					

PGD-ESD -03 | Agriculture and Environment**COURSE OUTCOMES**

CO1 - learner will able to make strategies for eco-freindly agriculture with help of different techniques.

CO2- learner will able to know about climate change and its impact on agriculture and environment.

CO3- learner will able to get job in different sectors i.e. environmental department, research institutes, industries, consultancy and NGOs, etc.

CO4- learner will know about different technologies like biotechnology, water and Wastewater treatment technology to find the solutions in agriculture problems.

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×	×			
CO2		×			×
CO3			×	×	
CO4				×	×

PGD-ESD- 04 | Understanding of the Environment**COURSE OUTCOMES**

CO1- learner will able to understand basic concept of environment, biosphere and ecosystem.

CO2- learner will able to know about earth and its atmosphere interpret data and generate maps

CO3- learner will able to get knowledge about water resources on earth

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×	×		×	
CO2	×	×			
CO3	×		×	×	

PGD-ESD-05 | Globalization and Environment**COURSE OUTCOMES**

CO1 - learner will able to know about global concerns of globalization and environment.

CO2- learner will able to analyse the role of government and agencies in environment. conservation.

CO3 - learner will able to know about man made disasters and its impact on environment.

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×	×			×
CO2		×	×		
CO3	×		×	×	

PGD-ESD-06

Sustainable Development issues and Challenges

COURSE OUTCOMES

CO1- learner will able to explain the basic level of sustainable development, environmental problems, issues, impact of man on environment.

CO2- learner will able to aware of regional and global issues.

CO3- learner will able to demonstrate professional standeredes.

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×	×			
CO2					×
CO3	×			×	

PGD-ESD-07

Energy and Environment

COURSE OUTCOMES

CO1- learner will able to understand the basic of energy and management.

CO2- learner will able to skill in the planning and implementation of energy policy and management.

CO3- learner will able to understand lack of resources and solution by sustainable development.

CO4- learner will able to analysis the relation between resources and technologies.

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×	×	×		
CO2		×	×		×
CO3	×	×	×		
CO4		×	×		

PGD-ESD-08**Natural Resources Management: Physical and Biotic****COURSE OUTCOMES**

CO1 – learner will able to know about approaches for bio-diversity conservation management.

CO2- learner will able to develop skill for environmental planning.

CO3- learner will able to know about biodiversity and reasons of loss of biodiversity on global level.

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×		×		×
CO2			×		×
CO3	×	×			

PGD-ESD-09 | Environment and Development

CO1- learner will able to explain about environment and its different components.

CO2- learner will able to know about role of resource management for sustainable development

CO3- learner will able to understand about environmental policy and role of government and different organizations to protect biodiversity.

Mapping of CO to PO

Course Outcomes	Programme Outcome (PO)				
	PO1	PO2	PO3	PO4	PO5
CO1	×		×		
CO2		×			×
CO3		×	×		

PROGRAMME OUT COMES OF HUMAN NUTRITION NUTRITION 2019-20

SEMESTER	COURSE CODE	Title of Course	Credits	Compulsory / Elective
First Semester	Compulsory Core Papers			
	B.Sc.HN.1.1	Fundamentals of food and nutrition	6	Compulsory
	B.Sc.HN.1.2	Introduction to human physiology and nutrition	6	
	B.Sc.HN.1.3	Lab work based on paper 1.1,1.2	4	
	Discipline Centric Elective Course			
	B.Sc.HN.1.4 Or B.Sc.HN.1.5	Advance family meal management Advance nutrition and health communication	4 4	Elective
	Compulsory Foundation Courses			
	ODL	Open and distance education	0	Compulsory
	Credits of First Semester			20
Second Semester	Compulsory Core Papers			
	B.Sc.HN.2.1	Nutritional biochemistry	4	Compulsory
	B.Sc.HN.2.2	Food microbiology hygiene and sanitation	4	
	B.Sc.HN.2.3	Lab work based on paper 2.1,2.2	4	
	Compulsory Foundation Courses			
	UGFHS	Foundation Course in humanities and social sciences	4	
	Skill Based Open Elective Paper			
	B.Sc.HN.2.4 or B.Sc.HN.2.5	Maternal and child nutrition Economics of food	4 4	Elective
	Credits of Second Semester			
Third Semester	Compulsory Core Papers			
	B.Sc.HN.3.1	Public health and epidemiology	6	Compulsory
	B.Sc.HN.3.2	Food science and experimental cookery	6	

	B.Sc.HN.3.3	Lab work based on paper 3.1,3.2	4	
	Discipline Centric Elective Course			
	B.Sc.HN.3.4 or B.Sc.HN.3.5	Advance therapeutic nutrition Institutional food management	6 6	Elective
	Compulsory Foundation Courses			
	CHEQ	Foundation course in environment awareness	0	Compulsory
	Credits of Third Semester		22	
Forth Semester	Compulsory Core Papers			
	B.Sc.HN.4.1	Nutritional management in health and diseases	4	Compulsory
	B.Sc.HN.4.2	Nutritional assessment and surveillance	4	
	B.Sc.HN.4.3	Lab work based on paper 4.1	4	
	Elective Foundation Course			
	UGFEG Or UGFHD	Foundation course in English Foundation course in Hindi	4 4	Elective
	Skill Based Open Elective Courses			
	B.Sc.HN.4.4 or B.Sc.HN.4.5	Dietetics and food service management Principles of food and dairy microbiology	4 4	Elective
	Credits of Forth Semester		20	
	Fifth Semester	Compulsory Core Papers		
B.Sc.HN.5.1		Community nutrition	6	Compulsory
B.Sc.HN.5.2		Advance diet therapy	6	
B.Sc.HN.5.3		Lab work based on paper 5.1,5.4	4	
Discipline Centric Elective Course				
B.Sc.HN.5.4 or B.Sc.HN.5.5		Advance catering management Policy program and interventions	6 6	Elective
Compulsory Foundation Courses				
UGFIT		Foundation course in information technology	0	Compulsory
Credits of fifth Semester		22		

SIXTH Semester	Compulsory Core Papers			
	B.Sc.HN.6.1	Dietetic techniques and patient counselling	4	Compulsory
	B.Sc.HN.6.2	Identification and assessment of childhood disabilities	4	
	B.Sc.HN.6.3	Lab work based on paper 6.1	4	
	Elective Foundation Course			
	DM Or AOCHE Or AOCNC Or SWM	Disaster management or Application oriented course in human management or Application oriented course in nutrition for the community or Solid waste management	4 4 4 4	Elective
	Skill Based Open Elective Courses			
	B.Sc.HN.6.4 or B.Sc.HN.6.5	Nutrition in emergencies and disaster Or Introduction of Medicinal Plants	4 4	
	Credits of Sixth Semester		20	
	Grand Total Credits		124	

INTRODUCTION: This course builds upon the foundation course fundamentals of food and nutrition and provides for the information regarding the role of macro and micro nutrients in human nutrition. Nutritional requirements of an individual vary with the status of health, physiological /clinical or stress condition apart from the age sex and activity level. Assessment of the nutritional needs in each case and planning of an appropriate nutritional capsule based on sound dietary management is essential in ameliorating the condition. This course is focused on providing the student with sufficient knowledge base of human nutrition and nutrient function and interactions at the biochemical level. It will also give the students exposure to the preparation of foods. The assessment of cost and quality of foods and aspects of food microbiology and sanitation. It will equip the students to plan and prepare appropriate diet for therapeutic purposes in various diseases based on the elected nutrient requirements. The course will also enable them to undertake patient counselling.

OBJECTIVES:

- To equip students for possible entrepreneur original ventures in various areas of foods and nutrition.
- To be able to make academic programs socially and technologically relevant.
- To provide trained dietician for hospital dietary departments nursing homes and other organisations engaged in the healthcare services.

- To trained professionals who could provide dietary consultancy and counselling in various settings.

PROGRAMME OUTCOMES (PO):

PO1: This course will enable to students to understand the functions and sources of nutrients.

PO2: Learners will be able to apply the knowledge in maintenance of good health for the individual and the community.

PO3: Learners will be able to be familiar with factors affecting availability and requirements of nutrients in right proportion.

PO4: This course builds upon the foundation course fundamentals of food and nutrition and provides for the information regarding the role of macro and micro nutrients in human nutrition.

PO5: This program has been developed the following goals in mile learners build a sound contemporary knowledge base for the students and prepare them for appropriate careers in the field.

PO6: Learners will be able to understand the biological processes and systems as applicable to human nutrition.

PO7: Learners will be able to apply the knowledge required to human nutrition and dietetics

Course Outcome: B.Sc.HN.1.1 Fundamentals Of Food And Nutrition

CO1: Learners will be able to understand the functions of food and the role of various nutrients their requirements and the effects of deficiency and excess.

CO2: Learners will be able to learn thus about the structure composition nutritional contribution and selection of different food stuffs.

CO3: Learners will be able to be familiar with the different methods of cooking their advantages and disadvantages.

CO4: The learners will be able to develop and ability to improve the nutritional quality of food.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)
---------------------	--------------------------

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course

Outcome: B.Sc.HN.1.2 Introduction to Human Physiology and Nutrition

CO1: Learners will be able to understand the functions of food and the role of various nutrients their requirements and the effects of deficiency and excess.

CO2: Learners will be able to learn thus about the structure composition nutritional contribution and selection of different food stuffs.

CO3: Learners will be able to be familiar with the different methods of cooking their advantages and disadvantages.

CO4: The learners will be able to develop and ability to improve the nutritional quality of food.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course Outcome: B.Sc.HN.1.3 Lab Work Based on Paper 1.1,1.2

CO1: learners will be able to understand learning by doing.

CO2: learners will be able to understand all practical methodology.

CO3: Learners will be able to understand the all theories by experiments.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course Outcome: B.Sc.HN.1.4 Family Meal Management

CO1: Learners will be able to understand the concept of an adequate diet and the importance of meal planning.

CO2: Learners will be able to know the factors affecting the nutrient needs during the life cycle and RDA for various age groups.

CO3: Learners will be able to gain knowledge about dietary management in any condition.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course Outcome: B.Sc.HN.1.5 Advance Nutrition and Health Communication

CO1: Learners will be able to understand thought diffusion processes of the individual and the community then as will be able to know if effective communication techniques methods.

CO2: Learners will be able to plan and develop health nutrition education communication messages and strategies. .

CO3: Learners will be able to communicate on various issues related to health and nutritional status of individuals and the community.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course outcome: ODL -Open and distance education

CO1: Learners will be able to understand the importance of open and distance learning.

CO2: Learners will be able to understand the qualities of ODL system.

CO3: Learners will be able to understand the benefits of ODL system.

Mapping of CO to PO

CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course Outcome: B.Sc.HN.2.3 Lab Work Based on Paper 2.1, 2.2

CO1: learners will be able to understand learning by doing.

CO2: learners will be able to understand all practical methodology.

CO3: Learners will be able to understand the all theories by experiments.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3		x		x	x	x	x

Course Outcome: UGFHS Foundation Course in Humanities and Social Sciences

CO1: Learners will be able to understand the various subjects of humanities.

CO2: Learners will be able to understand the social sciences.

CO3: Learners will be able to understand the importance of interchange the subject knowledge.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course Outcome: B.Sc.HN.2.4 Maternal and Child Nutrition

CO1: Learners will be able to understand the physiology and of pregnancy and lactation and how these influence nutritional requirements will be able to learn the benefit of breast feeding.

CO2: Learners will be able to be aware of the problems encountered in pregnancy and during breastfeeding and how to cope with these problems.

CO3: Learners will be able to understand the process of growth and development from birth until adulthood.

CO4: Learners will be able to get familiar with the nutritional needs at different stages of growth.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course outcome: B.Sc.HN.2.5 Economics of food

CO1: Learners will be able to understand the role of consumer in the market.

CO2: Learners will be able to become aware of marketing conditions and rights and responsibility of consumers.

CO3: Learners will be able to recognise the problems in buying and know the means of redressed.

CO4: Learners will be able to know the consumer legislations and their limitations.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course Outcome: B.Sc.HN.3.1 Public Health and Epidemiology

CO1: Learners will be able to understand the concept of health from the individual and community perspective.

CO2 Learners will be able to know the importance of epidemiology and demography in health.

CO3: Learners will be able to access the health and nutritional status and analyse the situation.

CO4: Learners will be able to know the factors affecting health and nutritional status of individual and community.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course Outcome: B.Sc.HN.3.2 Food Science and Experimental Cookery

CO1: Learners will be able to understand the chemical reactions and physical changes which occur during the production and processing storage and handling of foods and their applications.

CO2: Learners will be able to provide an understanding of composition of various foodstuffs.

CO3: Learners will be able to familiarise students with changes occurring in various food stuff as a result of processing and cooking.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course outcome: B.Sc.HN.3.3 Lab work based on paper 3.1,3.2

CO1: learners will be able to understand learning by doing.

CO2: learners will be able to understand all practical methodology.

CO3: Learners will be able to understand the all theories by experiments.

Mapping of CO to PO

Course outcome	Programme outcome (PO)						
----------------	--------------------------	--	--	--	--	--	--

(CO)							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course Outcome: B.Sc.HN.3.4 Therapeutic Nutrition

CO1: The learners will be able to understand the aetiology physiologic and metabolic anomalies of acute and chronic diseases and patient needs.

CO2: The learners will be able to know the effect of the various diseases on nutritional status and rational and dietary requirements.

CO3: The learners will be able to recommend and provide appropriate nutritional care for prevention and treatment of the various diseases.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course Outcome: B.Sc.HN.3.5 Institutional Food Management

CO1: The learners will be able to develop a knowledge bases space in key areas of institutional food administration.

CO2: The learners will be able to provide practical field level experience in institutional food administration.

CO3: The learners will be able to impart necessary expertise to function as a food service manager.

CO4: The learners will be able to equip individual to start their own food service unit leading to entrepreneurship. The learners will be able to develop critical ability is to provide basic grounding in research techniques.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
---------------------	--------------------------	--	--	--	--	--	--

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course Outcome: CHEQ -Foundation Course in Environment Awareness

CO1: Learners will be able to aware about the environment.

CO2: Learners will be able to understand the effect of environment on human health.

CO3: Learners will be able to understand the every aspect of the environmental science.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course Outcome: B.Sc.HN.4.1 Nutritional Management in Health And Diseases

CO1: Learners will be understood the concept of an adequate diet and the importance of meal planning.

CO2: Learners will be able to know the factors affecting the nutrient needs during the life cycle and the RDA of various age groups.

CO3: Learners will be able to gain knowledge about dietary management in common problems.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course Outcome: B.Sc.HN.4.2 Nutritional Assessment and Surveillance

CO1: Learners will be able to understand the concept of nutritional status and its relationship to health.

CO2: Learners will be able to know the aims and objectives of assessing the nutritional status of an individual and the community.

CO3: Learners will be able to know the methods used for assessment of nutritional status.

CO4: Learners will be able to know the extent and types of malnutrition prevalent in the community and region.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course Outcome: B.Sc.HN.4.3 Lab Work Based On Paper 4.1

CO1: learners will be able to understand learning by doing.

CO2: learners will be able to understand all practical methodology.

CO3: Learners will be able to understand the all theories by experiments.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course outcome: Foundation course in English

CO1: Learners will be able to understand the language English.

CO2: Learners will be able to understand the writing and spoken English.

CO3: Learners will be able to understand all the subject related content very easily.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

CO4	X	X		X			X
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Course Outcome: Foundation Course in Hindi

CO1: Learners will be able to understand the language Hindi.

CO2: Learners will be able to understand the writing and spoken Hindi.

CO3: Learners will be able to understand all the subject related content very easily.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course Outcome: B.Sc.HN.4.4 Dietetics and Food Service Management

CO1: Learners will be able to critically appraise plan and organise supervisor preparation and service of different kinds of therapeutic diets in hospital dietary services.

CO3: The learners will be able to impart necessary expertise to function as a food service manager.

CO4: The learners will be able to equip individual to start their own food service unit leading to entrepreneurship. The learners will be able to develop critical ability is to provide basic grounding in research techniques.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course Outcome: B.Sc.HN.4.5 Principles of Food and Dairy Microbiology

CO1: Learners will be able to understand the nature of microorganisms involved in food spoilage of food infections and intoxications.

CO2: Learners will be able to understand the importance of microorganisms in food biotechnology.

CO3: Learners will be able to understand the principle of various methods used in the prevention and control of the microorganisms in foods.

CO4: Learners will be able to understand the criteria for microbiological safety in various food operations to avoid public Health hazards due to contaminated foods.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course Outcome: B.Sc.HN.5.1 Community Nutrition

CO1: Learners will be able to understand the factors that determine the availability and consumption of food.

CO2: Learners will be able to be familiar with the common nutritional problems of the community their causes symptoms treatment and prevention.

CO3: Learners will be able to get exposed to the schemes programs and policies of government of India to combat malnutrition.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course Outcome: B.Sc.HN.5.2 Advance Diet Therapy

CO1: Learners will be able to know the principle of diet therapy.

CO2: Learners will be able to understand the modifications of normal diet for therapeutic purposes.

CO3: Learners will be able to understand the role of dietician.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course Outcome: B.Sc.HN.5.3 Lab Work Based On Paper 5.1,5.4

CO1: learners will be able to understand learning by doing.

CO2: learners will be able to understand all practical methodology.

CO3: Learners will be able to understand the all theories by experiments.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course Outcome: B.Sc.HN.5.4 Catering Management

CO1: Learners will be able to gain knowledge of the types of foods services in India and the factors which have led to their development.

CO2: Learners will be able to know the types of resources required for managing food outlets.

CO3: Learners will be able to maximize resource use learners will be able to learn manpower management techniques the nurse will be able to understand human relations and behaviour at work than others.

CO4: Learners will be able to know the types of cost involved and how to control them. Learners will be able to maintain and analyse accounting information for decision-making. Learners will be able to think of starting of food service.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course Outcome: B.Sc.HN.5.5 Policy Program and Interventions

CO1: Learners will be able to know the policies concerning health and nutrition.

CO2: Learners will be able to understand the mechanism and factors related to formulation of policies of food health nutrition as well as welfare and development policies.

CO3: Learners will be able to be familiar with the nutritional and health problems in the country and various regions.

CO4: Learners will be able to know about ongoing schemes and programmes for improving nutrition and health.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course outcome: B.Sc.HN.6.1 Dietetic Techniques and Patient Counselling

CO1: Learners will be able to critically appraise plan and organise supervisor preparation and service of different kinds of therapeutic diets in hospital dietary services.

CO2: Learners will be able to develop skills for patient counselling.

CO3: Learners will be able to interact effectively with patients and their families and to give dietary advice in the context of the patient's socio cultural and economic milieu.

Mapping of CO to PO

Course outcome	Programme outcome (PO)
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(CO)							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course Outcome: B.Sc.HN.6.2 Identification and Assessment of Childhood Disabilities

CO1: Learners will be able to understand the Childhood Disabilities.

CO2: Learners will be able to identify the childhood disabilities.

CO3: Learners will be able to understand and treat them according to their need.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course Outcome: B.Sc.HN.6.3 Lab Work Based On Paper 6.1

CO1: learners will be able to understand learning by doing.

CO2: learners will be able to understand all practical methodology.

CO3: Learners will be able to understand the all theories by experiments.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course outcome: DM- Disaster management

CO1: Learners will be able to understand the meaning of disaster management.

CO2: Learners will be able to understand the managerial skills during any disaster.

CO3: Learners will be able to understand the steps and ideas to safe from any disaster.

Course outcome (CO)	Programme outcome (PO)						
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	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

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Course Outcome: AOCHE- Application Oriented Course in Human Environment

CO1: Learners will be able to understand the human environment.

CO2: Learners will be able to understand the every aspect of human environment.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				

Cour
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Application Oriented Course in Nutrition for the Community

CO1: Learners will be able to understand the application of nutrition in community.

CO2: Learners will be able to understand the implementation of nutrition at different stage of life.

CO3: Learners will be able to understand the importance of nutritious food for health of community.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course Outcome: SWM- Solid Waste Management

Co1: Learners will be able to understand the disposal of solid waste in society.

Co2: Learners will be able to understand the deferent methods of solid waste disposal.

Co3: Learners will be able to understand the importance of solid waste management.

Mapping of CO to PO

Course outcome	Programme outcome (PO)						
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(CO)							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course Outcome: B.Sc.HN.6.4 Nutrition in Emergencies and Disaster

CO1: Learners will be able to be family arise students with various natural and manmade emergencies and disaster having an impact on nutrition and health status.

CO2: Learners will be understand the special nutritional concerns arising out of these situations the.

CO3: Learners will be able to understand strategies for nutritional rehabilitation management of the health of emergency affected populations.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course Outcome: B.Sc.HN.6.5 Introduction of Medicinal Plants

CO1: Learners will be able to understand the importance and use of medicinal plants.

CO2: Learners will be able to understand the cultivation method of medicinal plants.

CO3: Learners will be able to understand how we can generate the economy from medicinal plants cultivation.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

PROGRAMME OUT COMES OF M.Sc. FOOD AND NUTRITION 2019-20

SEMESTER	COURSE CODE	Title of Course	Credits	Compulsory / Elective
First Semester	Compulsory Core Papers			
	M.Sc.FN.1.1	Applied physiology	4	Compulsory
	M.Sc.FN.1.2	Advanced nutritional biochemistry	3	
	M.Sc.FN.1.3	Assessment of nutritional status	3	
	M.Sc.FN.1.4	Lab work based on paper 1,2,4.1	3	
	Discipline Centric Elective Course			
	M.Sc.FN.1.5 or M.Sc.FN.1.6	Food safety and food microbiology Advance food analysis	4 4	Elective
	Open Elective Courses			
	M.Sc.FN.1.7 or M.Sc.FN.1.8	Food preservation technology Dairy technology	3 3	Elective
	Credits of First Semester			
	Second Semester	Compulsory Core Papers		
M.Sc.FN.2.1		Food science and experimental cookery	4	Compulsory
M.Sc.FN.2.2		Institutional food management	3	
M.Sc.FN.2.3		Statistics and computer application	3	
M.Sc.FN.2.4		Lab work based on paper 2.1,2,3,2.6	3	
Discipline Centric Elective Course				
M.Sc.FN.2.5 or M.Sc.FN.2.6		Food processing and technology Advance dietary counselling and guidance	4 4	Elective
Open Elective Courses				
M.Sc.FN.2.7 or M.Sc.FN.2.8		Major medicinal plants: cultivation and economy Women nutrition and health	3 3	Elective
Credits of Second Semester			20	

Third Semester	Compulsory Core Papers			
	M.Sc.FN.3.1	Advance community nutrition	3	Compulsory
	M.Sc.FN.3.2	Advance clinical and therapeutic nutrition	3	
	M.Sc.FN.3.3	Dissertation part one	3	
	M.Sc.FN.3.4	Lab work based on paper 3.2	3	
	Discipline Centric Elective Course			
	M.Sc.FN.3.5 or M.Sc.FN.3.6	Management and nutritional program Food safety and quality control	4 4	Elective
	Open Elective Courses			
	M.Sc.FN.3.7 or M.Sc.FN.3.8	Nutrition in emergencies and disaster Advance geriatric nutrition	4 4	Elective
	Credits of Third Semester		20	
Forth Semester	Compulsory Core Papers			
	M.Sc.FN.4.1	Research methods and bio statistics	4	Compulsory
	M.Sc.FN.4.2	Dissertation part two	3	
	M.Sc.FN.4.3	Dietetic techniques and patient counselling	3	
	M.Sc.FN.4.4	Lab work based on paper 4.1,4.3	3	
	Discipline Centric Elective Course			
	M.Sc.FN.4.5 or M.Sc.FN.4.6	Nutritional management in health and diseases Early childhood care and education	4 4	Elective
	Open Elective Courses			
	M.Sc.FN.4.7 or M.Sc.FN.4.8	Kitchen gardening Institutional food administration	3 3	Elective
	Credits of Forth Semester		20	
	Foundation Course (compulsory Non-Credit)			
	PGFHR	Human rights and duties	Non-Credit	Elective
	Grand Total			80

INTRODUCTION:

Food and nutrition play a vital role in promoting the quality of life of individuals and communities, which contributes significantly to the economic and overall development of the nation. This is achieved through a blend of academic research training and extension as well as industrial applications. The post graduate program in this discipline has been designed to provide the students intensive and extensive theoretical and experimental learning. The program allows flexibility in the choice of thirist areas which students can select based on their career goals it is advised that the current scenario at the regional and national level required trained professionals in areas such as Public Nutrition, Dietetics and Clinical Nutrition, Institutional Food Administration as well as Food Science and Quality Control. Alternatively a broad-based program covering several very aspects in this discipline is also possible.

OBJECTIVES:

- To provide comprehensive and essential practical guidance on all aspects of dietetics from the promotion of health to the management of diseases
- To develop a knowledge base in key areas of nutrition/dietetics and food service management such as clinical nutrition and therapeutic diets, quantity cooking, institution food administration, public nutrition, nutrition epidemiology, biochemistry, food microbiology and physiology.
- To impart necessary expertise to enable learners to function as dieticians, diet counsellors and nutrition and health communicators
- To provide practical, field level experience in institutional food administration and dietetics
- To cater to the needs of persons employed in government and non-government institutions engaged in providing health/dietetic care and food service,
- To equip individuals to start their own food service unit, leading to entrepreneurship.

PROGRAMME OUTCOMES (PO):

PO1: Learners will be able to gain knowledge about our body its nutritional needs.

PO2: Learners will be trained and developed as a diet counsellor and nutrition/health communicator- develop as institution food administrator or food service managers, and – develop entrepreneurship skills.

PO3: Learners will be able to offer scientific opinion on popular nutrition, dietetics and other related issues and controversies.

PO4: Learners will be able to develop as institution, food administrator or food service managers.

PO5: Learners will be able to develop entrepreneurship skills.

PO6: Learners will be able to equip individuals to start their own food service unit, leading to entrepreneurship.

PO7: Learners will be able to develop a knowledge base in key areas of nutrition/dietetics and food service management such as clinical nutrition and therapeutic diets, quantity cooking, institution food administration, public nutrition, nutrition epidemiology, biochemistry, food microbiology and physiology.

Course outcome: M.Sc.FN.1.1 Applied Physiology

CO1: Learner will be able to advance their understanding of some of the relevant issues and topics of human physiology.

CO2: Learner will be able to enable the students to understand the integrated function of all systems and the grounding of nutritional science in physiology.

CO3: Learner will be able to understand the alterations of structure and function in various organs and systems in disease conditions.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	x

Course Outcome: M.Sc.FN.1.2 Advanced Nutritional Biochemistry

CO1: Learners will be able to augment the biochemistry knowledge acquired at the undergraduate level.

CO2: learners will be able to understand the mechanism adopted by the human body for regulation of metabolic pathways.

CO3: learners will be able to get an insight into interrelationships between various metabolic pathways.

CO4: Learners will be able to become proficient for specialisation in nutrition and integrations of cellular level metabolic events to nutritional disorders and imbalances

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

CO4	X	X		X			X
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Course Outcome: M.Sc.FN.1.3 Assessment Of Nutritional Status

CO1: Learners will be able to orient the students with all the important state-of-the-art methodology is applied in nutritional assessment and surveillance of human groups.

CO2: Learners will be able to develop specific skills to apply the most widely used methods.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X				x		
CO2	X		X				x

Course Outcome: M.Sc.FN.1.4 Lab Work Based On Paper 1,2,4.1

CO1: learners will be able to understand learning by doing.

CO2: learners will be able to understand all practical methodology.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X				x		
CO2	X		X				x

Course Outcome: M.Sc.FN.1.5 Food Safety And Food Microbiology

CO1: Learners will be able to gain deeper knowledge of role of microorganisms in humans and environment.

CO2: Learners will be able to know the importance of quality assurance in food industry. Learners will be able to know the various test and standards for quality assessment and food safety and to know the various test used to detect food adulterants.

CO3: Learners will be understand the importance of microorganisms in food spoilage and to learn advanced techniques used in food preservation. Learners will be able to be familiar with the fundamentals that should be considered for successful quality control program.

CO4: Learners will be understood the latest procedures adopted in various food operations to prevent food bond disorders and legal aspects involved in these areas.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course Outcome: M.Sc.FN.1.6 Advance Food Analysis

CO1: Learners will be able to introduce students to various modern instrumental techniques in food analysis.

CO2: Learners will be able to understand the applications strengths and limitations of different methods.

CO3: Learners will be able to done various food analysis methods.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X		x		
CO3	X	X	X	X		X	x

Course Outcome: M.Sc.FN.1.7 Food Preservation Technology

CO1: Learners will be able to impart systematic knowledge of basic and applied aspects of food processing and technology.

CO2: Learners will be able to provide the necessary knowledge of basic principles and procedures in the production of important food products.

CO3: Learner will be able to orient the students to potential use of various by products of food industry.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X				x		
CO2	X		X				x
CO3	X	X	X	X		X	

Course Outcome: M.Sc.FN.1.8 Dairy Technology

CO1: Learners will be able to know the various test and standards for quality assessment and food safety and to know the various test used to detect food adulterants.

CO2: learners will be able to be familiar with test used for quality control.

CO3: Learners will be able to know the importance of quality assurance in food industry.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course Outcome: M.Sc.FN.2.1 Food Science And Experimental Cookery

CO1: Learners will be able to understand the chemical reactions and physical changes which occur during the production and processing storage and handling of foods and their applications.

CO2: Learners will be able to provide an understanding of composition of various foodstuffs.

CO3: Learners will be able to family familiarise arise students with changes occurring in various food stuff as a result of processing and cooking.

CO4: Learners will be able to enable student to use the theoretical knowledge in various applications and food preparations.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X		x		
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course Outcome: M.Sc.FN.2.2 Institutional Food Management

CO1: The learners will be able to develop a knowledge bases space in key areas of institutional food administration.

CO2: The learners will be able to provide practical field level experience in institutional food administration.

CO3: The learners will be able to impart necessary expertise to function as a food service manager.

CO4: The learners will be able to equip individual to start their own food service unit leading to entrepreneurship. The learners will be able to develop critical ability is to provide basic grounding in research techniques.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X				x		
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course Outcome: M.Sc.FN.2.3 Statistics And Computer Application

CO1: Learners will be able to understand the significance of statistics and research methodology in home Science research.

CO2: Learners will be able to understand the types of tools and methods of research and develop the ability.

CO3: To construct data gathering in instruments appropriate to the Research design.

CO4: Learners will be able to understand and apply the appropriate statistical technique for the measurement scale and design.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X				x		
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course Outcome: M.Sc.FN.2.4 Lab Work Based On Paper 2.1,2,3,2.6

CO1: learners will be able to understand learning by doing.

CO2: learners will be able to understand all practical methodology.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X			x			x
CO2	X		X		x	x	

Course outcome: M.Sc.FN.2.5 Food processing and technology

CO1: Learners will be able to impart systematic knowledge of basic and applied aspects of food processing and technology.

CO2: Learners will be able to provide the necessary knowledge of basic principles and procedures in the production of important food products.

CO3: Learner will be able to orient the students to potential use of various by products of food industry.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						

CO2	X		X		x		
CO3	X	X	X	X		X	x

Course Outcome: M.Sc.FN.2.6 Advance Dietary Counselling and Guidance

CO1: Learners will be able to critically appraise plan and organise supervisor preparation and service of different kinds of therapeutic diets in hospital dietary services.

CO2: Learners will be able to develop skills for patient counselling.

CO3: Learners will be able to interact effectively with patients and their families and to give dietary advice in the context of the patient's socio cultural and economic milieu.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X				x		
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course Outcome: M.Sc. FN.2.7 Major Medicinal Plants: Cultivation And Economy

CO1: Learners will be able to understand the importance and use of medicinal plants.

CO2: Learners will be able to understand the cultivation method of medicinal plants.

CO3: Learners will be able to understand the how we can generate the economy from medicinal plants cultivation.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X		x		x
CO3	X	X	X	X		X	

Course Outcome: M.Sc.FN.2.8 Women Nutrition and Health

CO1: Learners will be able to acquaint with the status of women in family and society.

CO2: Learners will be understood how various factors influence the health and nutritional status of a woman.

CO3: Learners will be able to plan and undertake various activities to improve the status of women.

CO4: Learners will be able to understand how health of women influences family community and national development.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X				x		
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course Outcome: M.Sc.FN.3.1 Advance Community Nutrition

CO1: Learners will be able to develop a holistic knowledge base and understanding of the nature of important nutrition problems and their prevention and control for the disadvantaged and purpose of social economic strata in society.

CO2: Learners will be able to understand the causes determinants and consequences of Nutrition problems in society.

CO3: The learners will be able to be familiar with various approaches to nutrition and health interventions programs and policies.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	

Course Outcome: M.Sc.FN.3.2 Advance Clinical and Therapeutic Nutrition

CO1: The learners will be able to understand the aetiology physiologic and metabolic anomalies of acute and chronic diseases and patient needs.

CO2: The learners will be able to know the effect of the various diseases on nutritional status and rational and dietary requirements.

CO3: The learners will be able to recommend and provide appropriate nutritional care for prevention and treatment of the various diseases.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X				x		
CO2	X		X				
CO3	X	X	X	X		X	x

Course Outcome: M.Sc.FN.3.3 Internship

CO1: Learners will be able to gain skills in applying theory learnt in classroom in actual life.

CO2: Learners will be able to prepare themselves for career opportunities available.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X		x		

Course Outcome: M.Sc.FN.3.4 Lab Work Based On Paper 3.2

CO1: Learners will be able to test different foods for their quality.

CO2: Learners will be able to detect and attractions in different foods.

CO3: Learners will be able to be familiar with test used for quality control.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X		x		x

CO3	X	X	X	X		X	
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Course Outcome: M.Sc.FN.3.5 Management and Nutritional Program

CO1: The students will be able to familiar with the various programs which can be undertaken to prevent and control of nutritional problems at regional and national level.

CO2: Learners will be able to be plan, implement, monitor and evaluate programs.

CO3: Learners will be able to understand the importance of programme.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						x
CO2	X		X		x		
CO3	X	X	X	X		X	

Course outcome: M.Sc.FN.3.6 Food Safety and Quality Control

CO1: Learners will be able to know the importance of quality assurance in food industry.

CO2: Learners will be able to know the various test and standards for quality assessment and food safety and to know the various test used to detect food adulterants.

CO3: Learners will be able to be familiar with the fundamentals that should be considered for successful quality control program.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						x
CO2	X		X		x		
CO3	X	X	X	X		X	

Course Outcome: M.Sc.FN.3.7 Nutrition in Emergencies and Disaster

CO1: The learners will be able to be family arise students with various natural and manmade emergencies and disaster having an impact on nutrition and health status.

CO2: The learners will be understand the special nutritional concerns arising out of these situations the.

CO3: Learners will be able to understand strategies for nutritional rehabilitation management of the health of emergency affected populations.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						x
CO2	X		X		x		
CO3	X	X	X	X		X	

Course Outcome: M.Sc.FN.3.8 Advance Geriatric Nutrition

CO1: Learners will be able to familiarise the students with the multifaceted aspects of aging.

CO2: Learners will be able to make the students competent for nutritional and health care of elderly.

CO3: Learners will be able to manage dietary instructions to elderly.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X		x		x
CO3	X	X	X	X		X	

Course Outcome: M.Sc.FN.4.1 Research Methods and Bio Statistics

CO1: Learners will be able to understand the scientific approaches used in accumulating knowledge in the field.

CO2: Learners will be able to understand the various designs used in the research problem.

CO3: Learners will be able to identify sources of variability and uncertainty in research in the field.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X		x		x

CO1	X						
CO2	X		X				

Course Outcome: M.Sc.FN.4.5 Nutritional Management in Health and Diseases

CO1: Learners will be able to understand the concept of an adequate diet and the importance of meal planning.

CO2: Learners will be able to know the factors affecting the nutrient needs during the life cycle and RDA for various age groups.

CO3: Learners will be able to gain knowledge about dietary management in common ailments.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	x

Course Outcome: M.Sc.FN.4.6 Early Childhood Care And Education

CO1: Learners will be able to understand the importance Early Childhood Care.

CO2: Learners will be able to understand the importance Early Childhood Immunization.

CO3: Learners will be able to understand the importance Early Childhood Education.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	x

Course Outcome: M.Sc.FN.4.7 Kitchen Gardening

CO1: Learners will be able to determine the factors that affect the kitchen gardening.

CO2: Learners will be able to understand the importance of kitchen gardening.

CO3: Learners will be able to design a kitchen keeping in principles of planning.

CO4: Learners will be able to get details to plan by establishing the work centre and equipment runners will be able to decide the architectural features necessary.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course Outcome: M.Sc.FN.4.8 Institutional Food Administration

CO1: Learners will be able to gain knowledge of the types of foods services in India and the factors which have led to their development.

CO2: Learners have to understand the special characteristics of food service establishments. Learners will be able to know the types of resources required for managing food outlets.

CO3: Learners will be able to maximize resource use learners will be able to learn manpower management techniques the nurse will be able to understand human relations and behaviour at work than others. Learners will be able to know the types of cost involved and how to control them.

CO4: Learners will be able to maintain and analyse accounting information for decision-making. Learners will be able to think of starting of food service.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	
CO4	X	X		X			X

Course outcome: PGFHR - Human rights and duties

CO1: Learners will be able to gain knowledge about all Human rights.

CO2: Learners will be able to gain knowledge about the proper use and implementation of human rights.

CO3: Learners will be able to gain knowledge about the duties and responsibilities of public.

Mapping of CO to PO

Course outcome (CO)	Programme outcome (PO)						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	X						
CO2	X		X				
CO3	X	X	X	X		X	x