

**Master Degree Programmes**  
**PROGRAMME SUMMARY & FEE STRUCTURE**

**विषयानुक्रम (Contents)**

	<b>Page</b>
<b>School of Social Science</b>	<b>43-47</b>
1. MASTER OF ARTS (ECONOMICS) - MA (ECONOMICS)	
2. MASTER OF ARTS (HISTORY) - MA (HISTORY)	
3. MASTER OF ARTS (POLITICAL SCIENCE) - MA (POLITICAL SCIENCE)	
4. MASTER OF ARTS (PUBLIC ADMINISTRATION) - MA (PUBLIC ADMINISTRATION)	
5. MASTER OF ARTS (SOCIOLOGY) -MA (SOCIOLOGY)	
6. MASTER OF SOCIAL WORK - MSW	
7. MASTER OF ARTS (PSYCHOLOGY) - MA (PSYCHOLOGY)	
<b>School of Humanities</b>	<b>48-52</b>
8. MASTER OF ARTS (HINDI) - MA (HINDI)	
9. MASTER OF ARTS (ENGLISH) - MA (ENGLISH)	
10. MASTER OF ARTS (SANSKRIT) -MA (SANSKRIT)	
11. MASTER OF ARTS (JYOTISH) – MA (JYOTISH)	
12. MASTER OF PERFORMING ARTS (MUSIC)- MPA(MUSIC)	
<b>School of Management Studies and Commerce</b>	<b>53-55</b>
13. MASTER OF BUSINESS ADMINISTRATION - MBA	
14. MASTER OF COMMERCE – M.Com.	
<b>School of Computer Science &amp; Information Technology</b>	<b>56-60</b>
15. MASTER OF COMPUTER APPLICATION – MCA	
16. MASTER OF SCIENCE (INFORMATION TECHNOLOGY) – M.Sc (INFORMATION TECHNOLOGY)	
17. MASTER OF SCIENCE (CYBER SECURITY) - M.Sc. (CYBER SECURITY)	
<b>School of Tourism, Hospitality &amp; Hotel Management</b>	<b>61-62</b>
18. MASTER OF TOURISM AND TRAVEL MANAGEMENT -MTTM	
<b>School of Health Science</b>	<b>64-65</b>
19. MASTER OF ARTS (YOGA) –MA (YOGA)	
20. MASTER OF ARTS (HOME SCIENCE) – MA (HOME SCIENCE)	
<b>School of Education</b>	<b>66-67</b>
21. MASTER OF ARTS (EDUCATION) – MA (Education)	
<b>School of Journalism and Media Studies</b>	<b>68-69</b>
22. MASTER OF ARTS (JOURNALISM AND MASS COMMUNICATION) – MA (JOURNALISM AND MASS COMMUNICATION)	
<b>School of Earth &amp; Environment Sciences</b>	<b>70-72</b>
23. MASTER OF ARTS (GEOGRAPHY) - M.A. (GEOGRAPHY)	
24. MASTER OF SCIENCE (GEOGRAPHY) - M.Sc (GEOGRAPHY)	
25. MASTER OF SCIENCE (ENVIRONMENTAL SCIENCE) - M.Sc (ENVIRONMENTAL SCIENCE)	
26. MASTER OF SCIENCE (GEO INFORMATICS) - M.Sc. (GEO INFORMATICS)	
27. MASTER OF ARTS (GEO INFORMATICS) - MA (GEO INFORMATICS)	
<b>School of Sciences</b>	<b>73-76</b>
28. MASTER OF SCIENCE (BOTANY) - M.Sc. (BOTANY)	
29. MASTER OF SCIENCE (CHEMISTRY) - M.Sc (CHEMISTRY)	
30. MASTER OF SCIENCE (PHYSICS) - M.Sc. (PHYSICS)	
31. MASTER OF SCIENCE (ZOOLOGY) - M.Sc (ZOOLOGY)	
32. MASTER OF ARTS (MATHEMATICS) - MA (MATHEMATICS)	
33. MASTER OF SCIENCE (MATHEMATICS) - M.Sc (MATHEMATICS)	

# समाज विज्ञान अध्ययन विद्याशाखा (School of Social Science)

## PROGRAMME SUMMARY & FEE STRUCTURE

Programme Name And Abbreviation	Programme Code	Eligibility	Duration(Year)		SLM	Mode of Exam (Annual / Sem)	Year/ Sem	Details Of Fee						
			Minimum	Maximum				Progra mme	Project/ Worksho	Exam	Practica Viva-Voc	Miscell aneous	Degree Fee	Grand Total
MASTER OF ARTS (ECONOMICS)	MAEC-20	Graduation in any stream	2	6	Hindi	Semester	I	3000	-	1000		150		<b>4150</b>
							II			1000		-		<b>1000</b>
							III	3000	-	1250		-		<b>4250</b>
							IV			1250			<b>300</b>	<b>1550</b>
MASTER OF ARTS (HISTORY)	MAHI-20	Graduation in any stream	2	6	Hindi	Semester	I	3000	-	1000		150		<b>4150</b>
							II			1000		-		<b>1000</b>
							III	3000	-	1000		-		<b>4000</b>
							IV			1000			<b>300</b>	<b>1300</b>
MASTER OF ARTS (POLITICAL SCIENCE)	MAPS-20	Graduation in any stream	2	6	Hindi	Semester	I	3000	-	1000		150		<b>4150</b>
							II			1000		-		<b>1000</b>
							III	3000	-	1000		-		<b>4000</b>
							IV			1000			<b>300</b>	<b>1300</b>
MASTER OF ARTS (PUBLIC ADMINISTRATION)	MAPA-20	Graduation in any stream	2	6	Hindi	Semester	I	3000	-	1000		150		<b>4150</b>
							II			1000		-		<b>1000</b>
							III	3000	-	1000		-		<b>4000</b>
							IV			1500			<b>300</b>	<b>1800</b>
MASTER OF ARTS (Sociology)	MASO-20	Graduation in any stream	2	6	Hindi	Semester	I	3000	-	1000		150		<b>4150</b>
							II			1000		-		<b>1000</b>
							III	3000	-	1250		-		<b>4250</b>
							IV			1250			<b>300</b>	<b>1550</b>
MASTER OF SOCIAL WORK (MSW)	MSW-17	Graduation in any stream	2	6	Hindi	Semester	I	5000	-	1000		150		<b>6150</b>
							II	5000	-	1250		-		<b>6250</b>
							III	5000	-	1250		-		<b>6250</b>
							IV	5000	1500	-		-	<b>300</b>	<b>6800</b>
MASTER OF ARTS (Psychology)	MAPSY-20	Graduation in any stream	2	6	Hindi	Semester	I	3000		1000		150		<b>4150</b>
							II		1500	1000	500			<b>3000</b>
							III	3000		1000				<b>4000</b>
							IV		1500	1000	500		<b>300</b>	<b>3300</b>

Course Code	Course Name	Credits	Total Marks (Th./Assign.)
<b>SEMESTER I</b>			
MAEC-501	आर्थिक सिद्धान्त की मूल अवधारणाएँ एवं उपभोक्ता व्यवहार (Basic Concepts of Economic Theory and Consumer Behaviour)	04	100 (80/20)
MAEC-502	समष्टि अर्थशास्त्र (Macro Economics)	04	100 (80/20)
MAEC-503	भारतीय अर्थव्यवस्था: - मुद्दे और वित्तीय संबंध (Indian Economy:- Issues and Financial Relations)	04	100 (80/20)
MAEC-504	अर्थशास्त्र में गणित के प्रयोग (Applications of Mathematics in Economics)	04	100 (80/20)
<b>SEMESTER II</b>			
MAEC-505	उत्पादन और मूल्य निर्धारण का अर्थशास्त्र (Economics of Production and Pricing)	04	100 (80/20)
MAEC-506	मुद्रा एवं बैंकिंग (Money and Banking)	04	100 (80/20)
MAEC-507	भारतीय अर्थव्यवस्था के क्षेत्र एवं विदेशी व्यापार (Sectors of Indian Economy and Foreign Trade)	04	100 (80/20)
MAEC-508	सांख्यिकीय विधियाँ (Statistical Methods)	04	100 (80/20)
<b>SEMESTER III</b>			
MAEC-601	आर्थिक विकास (Economic Development)	04	100 (80/20)
MAEC-602	लोक वित्त (Public Finance)	04	100 (80/20)
MAEC-603	अंतर्राष्ट्रीय अर्थशास्त्र के सिद्धान्त (Theories of International Economics)	04	100 (80/20)
MAEC-604	कृषि अर्थशास्त्र के सिद्धान्त (Theories of Agricultural Economics)	04	100 (80/20)
MAEC-605	जनांकिकी (Demography)	04	100 (80/20)
<b>SEMESTER IV</b>			
MAEC-606	आर्थिक संवृद्धि एवं नियोजन (Economic Growth and Planning)	04	100 (80/20)
MAEC-607	राजकोषीय अर्थशास्त्र और संघीय वित्त (Fiscal Economics & Federal Finance)	04	100 (80/20)
MAEC-608	अंतर्राष्ट्रीय व्यापार और संस्थान (International Trade and Organizations)	04	100 (80/20)
MAEC-609	भारतीय कृषि (Indian Agriculture)	04	100 (80/20)
MAEC-610	जनसांख्यिकी के मुद्दे (Issues of Demographic)	04	100 (80/20)

**M.A. HISTORY एम0ए0इतिहास**

Course Code	Course Name	Credits	Total Marks (Th./Assign.)
<b>SEMESTER I</b>			
MAHI-501	विश्व का इतिहास : 16वीं सदी के प्रारंभ से 1776 ईस्वी तक	04	100 (80/20)
MAHI-502	विश्व का इतिहास: 1789 ईस्वी से 1945 ईस्वी तक	04	100 (80/20)
MAHI-503	भारतीय राष्ट्रीय आन्दोलन: स्वतंत्रता के लिए संघर्ष	04	100 (80/20)
MAHI-504	भारतीय राष्ट्रीय आन्दोलन: राष्ट्र-निर्माण की भूमिका	04	100 (80/20)
<b>SEMESTER II</b>			
MAHI-505	आधुनिक उत्तराखण्ड में समाज	04	100 (80/20)
MAHI-506	आधुनिक उत्तराखण्ड में अर्थव्यवस्था	04	100 (80/20)
MAHI-507	इतिहास लेखन: प्राचीन एवं मध्यकालीन	04	100 (80/20)
MAHI-508	इतिहास लेखन: आधुनिक	04	100 (80/20)
<b>SEMESTER III</b>			
MAHI-601	भारत का इतिहास: छठी सदी ईस्वी पूर्व से तृतीय सदी ईस्वी के मध्य तक	04	100 (80/20)
MAHI-602	भारत का इतिहास: चतुर्थ सदी ईस्वी से सातवीं सदी ईस्वी के मध्य तक	04	100 (80/20)
MAHI-603	भारत का इतिहास: सातवीं सदी ईस्वी से सोलहवीं सदी ईस्वी के प्रथम चतुर्थांश तक	04	100 (80/20)
MAHI-604	भारत का इतिहास: सोलहवीं सदी ईस्वी के प्रारंभ से अठारहवीं सदी ईस्वी के मध्य तक	04	100 (80/20)
<b>SEMESTER IV</b>			
MAHI-605	भारत का इतिहास: अठारहवीं सदी ईस्वी से उन्नीसवीं सदी ईस्वी के मध्य तक	04	100 (80/20)
MAHI-606	भारत का इतिहास: उन्नीसवीं सदी ईस्वी के मध्य से स्वतंत्र भारत तक	04	100 (80/20)
MAHI-607	भारतीय संस्कृति: प्राचीन काल से राजपूत काल तक	04	100 (80/20)
MAHI-608	भारतीय संस्कृति: सल्तनत काल से आधुनिक काल तक	04	100 (80/20)

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks (Th. /Assign.)
<b>SEMESTER I</b>			
MAPS- 501	अंतर्राष्ट्रीय राजनीति के सिद्धांत –I(Theory of International Politics-I)	04	100 (80/20)
MAPS- 502	भारतीय राजनीतिक व्यवस्था-I(Indian Political System-I)	04	100 (80/20)
MAPS-503	पाश्चात्य राजनीतिक चिंतन –I(Western Political Thought-I)	04	100 (80/20)
MAPS-504	तुलनात्मक राजनीति एवं राजनीतिक संस्थाएं –I(Comparative Politics and Political Institution -I)	04	100 (80/20)
<b>SEMESTER II</b>			
MAPS- 505	अंतर्राष्ट्रीय राजनीति के सिद्धांत –II(Theory of International Politics-II)	04	100 (80/20)
MAPS-506	भारतीय राजनीतिक व्यवस्था-II(Indian Political System-II)	04	100 (80/20)
MAPS-507	पाश्चात्य राजनीतिक चिंतन –II(Western Political Thought-II)	04	100 (80/20)
MAPS-508	तुलनात्मक राजनीति एवं राजनीतिक संस्थाएं –II(Comparative Politics and Political Institution - II)	04	100 (80/20)
<b>SEMESTER III</b>			
MAPS- 601	भारतीय राजनीतिक चिंतन –I(Indian Political Thought-I)	04	100 (80/20)
MAPS-602	लोक प्रशासन के सिद्धांत –I(Theory of Public Administration-I)	04	100 (80/20)
MAPS-603	अंतर्राष्ट्रीय सम्बन्ध 1945 से वर्तमान तक –I( International relations from 1945 to present –I)	04	100 (80/20)
MAPS-604	भारत में लोक प्रशासन : उत्तराखण्ड राज्य के विशेष सन्दर्भ में –I ( Public Administration in India : With special Reference to Uttarakhand State-I )	04	100 (80/20)
<b>SEMESTER IV</b>			
MAPS- 605	भारतीय राजनीतिक चिंतन –II(Indian Political Thought-II)	04	100 (80/20)
MAPS-606	लोक प्रशासन के सिद्धांत –II(Theory of Public Administration-II)	04	100 (80/20)
MAPS-607	अंतर्राष्ट्रीय सम्बन्ध 1945 से वर्तमान तक –II( International relations from 1945 to present –II)	04	100 (80/20)
MAPS-608	भारत में लोक प्रशासन : उत्तराखण्ड राज्य के विशेष सन्दर्भ में –II ( Public Administration in India : With special Reference to Uttarakhand State-II )	04	100 (80/20)

**MASTER OF ARTS (PUBLIC ADMINISTRATION) - मास्टर ऑफ आर्ट्स (पब्लिक एडमिनिस्ट्रेशन) MAPA-20**  
**MA(PUBLIC ADMINISTRATION) Credits-72**

PROGRAMME STRUCTURE			
COURSE CODE	COURSE NAME: M.A. Public Administration	CREDIT- 72	TOTAL MARKS
<b>Semester- I</b>			
MAPA-501	लोक प्रशासन के सिद्धान्त (भाग- 1)	4	100 (80/20)
MAPA-502	लोक प्रशासन के सिद्धान्त (भाग- 2)	4	100 (80/20)
MAPA-503	भारत में लोक प्रशासन (भाग- 1)	4	100 (80/20)
MAPA-504	भारत में लोक प्रशासन (भाग- 2)	4	100 (80/20)
<b>Semester- II</b>			
MAPA-505	तुलनात्मक लोक प्रशासन (भाग- 1)	4	100 (80/20)
MAPA- 506	तुलनात्मक लोक प्रशासन (भाग- 2)	4	100 (80/20)
MAPA-507	भारत में स्थानीय शासन (भाग- 1)	4	100 (80/20)
MAPA-508	भारत में स्थानीय शासन (भाग- 2)	4	100 (80/20)
<b>Semester- III</b>			
MAPA-601	विकास प्रशासन (भाग- 1)	4	100 (80/20)
MAPA-602	विकास प्रशासन (भाग- 2)	4	100 (80/20)
MAPA-603	कार्मिक प्रशासन (भाग- 1)	4	100 (80/20)
MAPA-604	कार्मिक प्रशासन (भाग- 2)	4	100 (80/20)

Semester- IV			
MAPA-605	वित्तीय प्रशासन (भाग- 1)	4	100 (80/20)
MAPA-606	वित्तीय प्रशासन (भाग- 2)	4	100 (80/20)
MAPA-607	उत्तराखण्ड में राज्य प्रशासन (भाग- 1)	4	100 (80/20)
MAPA-608	उत्तराखण्ड में राज्य प्रशासन (भाग- 2)	4	100 (80/20)
MAPA-609	प्रशासनिक चिंतक (भाग- 1)	4	100 (80/20)
MAPA-610	प्रशासनिक चिंतक (भाग- 2)	4	100 (80/20)

## M.A. Sociology एम0ए0 समाजशास्त्र

MASO-20  
Credits-72

Course Code	Course Name	Credits	Total Marks (Th./Assign.)
<b>SEMESTER I</b>			
MASO-501	समाजशास्त्र का परिचय-I (Introduction to Sociology-I)	04	100 (80/20)
MASO-502	समाजशास्त्रीय सिद्धांत-I (Sociological Theories-I)	04	100 (80/20)
MASO-503	सामाजिक अनुसंधान विधियां और कंप्यूटर उपयोग-I (Social Research methods & Computer Applications-I)	04	100 (80/20)
MASO-504	ग्रामीण समाजशास्त्र I (Rural Sociology I)	04	100 (80/20)
<b>SEMESTER II</b>			
MASO-505	समाजशास्त्र का परिचय II(Introduction to Sociology-II)	04	100 (80/20)
MASO-506	समाजशास्त्रीय सिद्धांत II (Sociological Theories-II)	04	100 (80/20)
MASO-507	सामाजिक अनुसंधान विधियां और कंप्यूटर उपयोग-II (Social Research methods & Computer Applications-II)	04	100 (80/20)
MASO-508	ग्रामीण समाजशास्त्र II (Rural Sociology-II)	04	100 (80/20)
<b>SEMESTER III</b>			
MASO-601	शहरी समाजशास्त्र –I (Urban Sociology- I)	04	100 (80/20)
MASO-602	भारतीय समाजशास्त्रीय विचार -I (Indian Sociological Thought-I)	04	100 (80/20)
MASO-603	स्वास्थ्य और चिकित्सा का समाजशास्त्र –I(Sociology of Health & Medicine-I)	04	100 (80/20)
MASO-604	पहाड़ी क्षेत्र में सतत विकास-I (Sustainable Development in Hill Area-I)	04	100 (80/20)
MASO-605	सामाजिक मनोविज्ञान-I (Social Psychology- I)	04	100 (80/20)
<b>SEMESTER IV</b>			
MASO-606	शहरी समाजशास्त्र –II (Urban Sociology- II)	04	100 (80/20)
MASO-607	भारतीय समाजशास्त्रीय विचार –II (Indian Sociological Thought-II)	04	100 (80/20)
MASO-608	स्वास्थ्य और चिकित्सा का समाजशास्त्र –II(Sociology of Health & Medicine-II)	04	100 (80/20)
MASO-609	(पहाड़ी क्षेत्र में सतत विकास-II (Sustainable Development in Hill Area-II)	04	100 (80/20)
MASO-610	सामाजिक मनोविज्ञान-II (Social Psychology- II)	04	100 (80/20)

## MASTER OF SOCIAL WORK - मास्टर ऑफ सोशल वर्क MSW

MSW-17  
Credits-70

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks (Th./Assign.)
<b>SEMESTER I</b>			
MSW -01	Social Work: An Introduction(समाज कार्य: एक परिचय)	04	100 (80/20)
MSW -02	Social Research (सामाजिक अनुसंधान)	04	100 (80/20))
MSW -03	Indian Social Problems (भारतीय सामाजिक समस्याएँ)	04	100 (80/20)
MSW -04	Sociology & Social Work (समाजशास्त्र एवं समाज कार्य)	04	100 (80/20)
<b>SEMESTER II</b>			
MSW -05	Social Psychology, Communication & Social Work(सामाजिक मनोविज्ञान, संचार एवं समाज कार्य )	04	100 (80/20)
MSW -06	Social Case Work & Counselling(वैयक्तिक समाज कार्य एवं परामर्श)	04	100 (80/20)

MSW -07	Social Group Work (समूह समाज कार्य)	04	100 (80/20)
MSW -08	Social Welfare Administration & Legislation (समाज कल्याण प्रशासन एवं विधान)	04	100 (80/20)
MSW -09	Field Work-I (क्षेत्र कार्य)	02	100 (80/20)
<b>SEMESTER III</b>			
MSW -10	Social Development & Social Work(सामाजिक विकास एवं समाज कार्य)	04	100 (80/20)
MSW -11	Community organisation & Social Action(सामुदायिक संगठन एवं सामाजिक क्रिया)	04	100 (80/20)
MSW -12	NGOs Management (एन0जी0ओ0 प्रबन्धन)	04	100 (80/20)
MSW -13	Field Work-II (क्षेत्र कार्य)	02	100(80/20)
<b>SPECIALIZATION: OUT OF THREE SPECIALIZED PAPERS LEARNER HAS TO SELECT ONE PAPER</b>			
MSW-14	Human Resource Management & Industrial Relation (मानव संसाधन प्रबन्धन एवं औद्योगिक संबंध)	04	100 (80/20)
MSW-15	Labour Welfare & Legislation (श्रम कल्याण एवं विधान)	04	100 (80/20)
MSW-16	Medical Social Work (चिकित्सकीय समाज कार्य )	04	100 (80/20)
<b>SEMESTER IV</b>			
MSW-17	Project Work/Dissertation (परियोजना कार्य/लघु शोध प्रबन्ध)	10	400 (300/100)
नोट: MSW-17 कुल 400 अंकों का होगा जिसमें से 300 अंक परियोजना कार्य/लघु शोध प्रबन्ध हेतु तथा 100 अंक मौखिकी परीक्षा हेतु निर्धारित हैं।			

## M.A. Psychology (एम.ए. – मनोविज्ञान)

MAPSY-20

Credit: 64

<b>Programme structure</b>			
Course Code	Course Name	Credit	Marks (Th. /Assign.)
<b>Semester -I</b>			
MAPSY-501	Psychological Research Methodology	03	100 (80/20)
MAPSY-502	Psychological Statistics	03	100 (80/20)
MAPSY-503	Cognitive Psychology: Psychophysics and Perceptual Processes	03	100 (80/20)
MAPSY-504	Applied Social Psychology	03	100 (80/20)
<b>Semester -II</b>			
MAPSY-505	Research Design and data Interpretation	03	100 (80/20)
MAPSY-506	Psychological measurement	03	100 (80/20)
MAPSY-507	Cognitive Psychology: Intellectual processes	03	100 (80/20)
MAPSY-508	Advanced Social Psychology	03	100 (80/20)
MAPSY-509	Practical	08	100
<b>Semester - III</b>			
MAPSY-601	Theories of Personality	03	100 (80/20)
MAPSY-602	Foundation of clinical Psychology	03	100 (80/20)
MAPSY-603	Developmental Psychology: life span Psychology	03	100 (80/20)
MAPSY-604	Introduction of guidance and counseling	03	100 (80/20)
<b>Semester- IV</b>			
MAPSY-605	Traits and assessment of personality	03	100 (80/20)
MAPSY-606	Psychotherapeutic Intervention	03	100 (80/20)
MAPSY-607	Developmental Psychology: Early Adulthood to Old age	03	100 (80/20)
MAPSY-608	Guidance and Counseling: Intervention and assessment	03	100 (80/20)
MAPSY-609	Practical	08	100

# मानविकी विद्याशाखा (School of Humanities)

## PROGRAMME SUMMARY & FEE STRUCTURE

Programme Name And Abbreviation	Programme Code	Eligibility	Duration (In Yrs)		SLM	Mode Of Exam (Annual / Sem)	Year/ Sem	Details Of Fee (Rs.)						
			Minimum	Maximum				Programme	Project/ Lab Workshop	Exam	Practical	Miscellaneous	Degree Fee	Total
MASTER OF ARTS (HINDI)- MA(HINDI)	MAHL-20	Graduation in any stream	2	6	Hindi	Semester	I	3000	-	1000	-	150		4150
							II		-	1000	-	-		1000
							III	3000		1250				4250
							IV			1250			300	1550
MASTER OF ARTS (ENGLISH)-	MAEL-20	Graduation in any stream	2	6	English	Semester	I	3000	-	1000	-	150		4150
							II		-	1000	-	-		1000
							III	3000		1250				4250
							IV			1250			300	1550
MASTER OF ARTS (SANSKRIT)-	MASL-20	Graduation in any stream	2	6	Hindi	Semester	I	2000	-	1000	-	150		3150
							II		-	1000	-	-		1000
							III	2000		1250				3250
							IV			1250			300	1550
MASTER OF ARTS (JYOTISH)	MAJY-20	Graduation in any stream	2	6	Hindi	Semester	I	3000	-	1000	-	150		4150
							II		-	1000	-	-		1000
							III	3000		1250				4250
							IV			1250			300	1550
MASTER OF PERFORMING ARTS (MPA-MUSIC)*	MPAM-20	अ) बी0ए0 [संगीत विषय की संबंधित विधा(जैसे गायन, तबला आदि) के साथ] या ब) बी0एस0सी0/बी0 कॉम0/बी0ए0 (संगीत विषय के बिना)/स्नातक डिग्री के समकक्ष कोई उपाधि के साथ स्नातक के समकक्ष डिप्लोमा (जैसे भातखण्डे संगीत विद्यापीठ लखनऊ का संगीत विशारद/ प्रयाग संगीत समिति इलाहाबाद का संगीत प्रभाकर/ अखिल भारतीय गंधर्व महाविद्यालय मंडल मुंबई का संगीत विद आदि) संगीत विषय की संबंधित विधा(जैसे गायन, तबला आदि में)।	2	6	Hindi	Semester	I	4000	1000	500	1000	150		6650
							II	-	1000	500	1000	-		2500
							III	4000	1000	500	1000	-	-	6500
							IV	-	1000	500	1000	-	300	2800

प्रदर्शन कला(संगीत) में स्नातकोत्तर पाठ्यक्रम के अन्तर्गत संगीत की तीन विधाएं (गायन, स्वरवाद्य एवं तबला) सम्मिलित हैं। प्रत्येक सेमेस्टर में एक कार्यशाला का आयोजन विश्वविद्यालय द्वारा किया जाएगा जिसमें सभी विद्यार्थियों का सम्मिलित होना अनिवार्य है। प्रत्येक विद्यार्थी कार्यशाला में प्रतिभाग करने के उपरान्त ही प्रयोगात्मक परीक्षा में सम्मिलित हो पायेगा। विद्यार्थियों को कार्यशाला के दौरान अपने रहने व खाने की व्यवस्था स्वयं करनी होगी।

**मानविकी विद्याशाखा**  
**School of Humanities**  
**PROGRAMME SUMMARY**

**Master of Arts (Hindi) मास्टर ऑफ आर्ट्स (हिंदी)**

**MAHL-20**

**Credits-72**

Course Code	Course Name	Credits	Total Marks (Th./Assign.)
<b>SEMESTER I</b>			
MAHL-501	हिन्दी साहित्य का इतिहास और आदिकालीन कविता-01	04	100 (80/20)
MAHL-502	मध्यकालीन कविता-01	04	100 (80/20)
MAHL-503	आधुनिक एवंसमकालीन कविता-01	04	100 (80/20)
MAHL-504	साहित्यशास्त्र एवं हिन्दी समालोचना-01	04	100 (80/20)
<b>SEMESTER II</b>			
MAHL-505	हिन्दी साहित्य का इतिहास और आदिकालीन कविता-02	04	100 (80/20)
MAHL-506	मध्यकालीन कविता-02	04	100 (80/20)
MAHL-507	आधुनिक एवं समकालीन कविता -02	04	100 (80/20)
MAHL-508	साहित्यशास्त्र एवं हिन्दी समालोचना-02	04	100 (80/20)
<b>SEMESTER III</b>			
MAHL-601	कथा साहित्य - 01	04	100 (80/20)
MAHL-602	नाटक एवं कथेतर साहित्य- 01	04	100 (80/20)
MAHL-603	भाषा विज्ञान एवं हिन्दी भाषा- 01	04	100 (80/20)
MAHL-604	तुलनात्मक एवं भारतीय साहित्य- 01	04	100 (80/20)
<b>वैकल्पिक प्रश्नपत्र (किसी एक प्रश्नपत्र का चयन करें)</b>			
MAHL-605	उत्तराखण्ड का लोक साहित्य-01	04	100 (80/20)
MAHL-606	हिन्दी पत्रकारिता : इतिहास एवं सिद्धान्त-01	04	100 (80/20)
<b>SEMESTER IV</b>			
MAHL-607	कथा साहित्य - 02	04	100 (80/20)
MAHL-608	नाटक एवं कथेतर साहित्य- 02	04	100 (80/20)
MAHL-609	भाषा विज्ञान एवं हिन्दी भाषा- 02	04	100 (80/20)
MAHL-610	तुलनात्मक एवं भारतीय साहित्य- 02	04	100 (80/20)
<b>वैकल्पिक प्रश्नपत्र (किसी एक प्रश्नपत्र का चयन करें)</b>			
MAHL-611	उत्तराखण्ड का लोक साहित्य-02	04	100 (80/20)
MAHL-612	हिन्दी पत्रकारिता : इतिहास एवं सिद्धान्त-02	04	100 (80/20)

**Master of Arts (English)**

**MAEL-20**

**M.A. ENGLISH**

**Credits-72**

Course Code	Course Name	Credits	Total Marks (Th./Assign.)
<b>SEMESTER I</b>			
MAEL-501	Course 1 Prose and Short Fiction	04	100 (80/20)
MAEL-502	Course 2 British Poetry-I	04	100 (80/20)
MAEL-503	Course 3 British Drama-I	04	100 (80/20)
MAEL-504	Course 4 Criticism-I	04	100 (80/20)



SEMESTER II				
MAEL-505	Course 1	Fiction	04	100 (80/20)
MAEL-506	Course 2	British Poetry-II	04	100 (80/20)
MAEL-507	Course 3	British Drama-II	04	100 (80/20)
MAEL-508	Course 4	Criticism-II	04	100 (80/20)
SEMESTER III				
MAEL-601	Course 1	British Poetry-III	04	100 (80/20)
MAEL-602	Course 2	Shakespeare-I	04	100 (80/20)
MAEL-603	Course 3	Indian Writing in English and in English Translation-I	04	100 (80/20)
MAEL-604	Course 4	Indian Aesthetics	04	100 (80/20)
MAEL-605	Course 5	American Literature-I	04	100(80/20)
SEMESTER IV				
MAEL-606	Course 1	British Poetry-IV	04	100 (80/20)
MAEL-607	Course 2	Shakespeare-II	04	100 (80/20)
MAEL-608	Course 3	Indian Writing in English and in English Translation-II	04	100 (80/20)
MAEL-609	Course 4	Modern Literary Theory and Criticism	04	100 (80/20)
MAEL-610	Course 5	American Literature II	04	100(80/20)

**Master of Arts (Sanskrit) मास्टर ऑफ आर्ट्स (संस्कृत )**

**MASL-20**

**Credits-72**

Course Code	Course Name	Credits	Total Marks (Th./Assign.)
SEMESTER I			
MASL-501	वेद एवं निरुक्त 01	04	100 (80/20)
MASL-502	संस्कृत भाषाविज्ञान एवं व्याकरण -01	04	100 (80/20)
MASL-503	भारतीय दर्शन 01	04	100 (80/20)
MASL-504	नाटक एवं नाट्यशास्त्र 01	04	100 (80/20)
SEMESTER II			
MASL-505	वेद एवं निरुक्त 02	04	100 (80/20)
MASL-506	संस्कृत भाषाविज्ञान एवं व्याकरण -02	04	100 (80/20)
MASL-507	भारतीय दर्शन 02	04	100 (80/20)
MASL-508	नाटक एवं नाट्यशास्त्र 02	04	100 (80/20)
SEMESTER III			
MASL-601	काव्यशास्त्र 01	04	100 (80/20)
MASL-602	गद्य एवं पद्य काव्य01	04	100 (80/20)
MASL-603	सिद्धान्तकौमुदी ,कारक एवं समास- 01	04	100 (80/20)
MASL-604	नाटक एवं नाटिका 01	04	100(80/20)
MASL-605	संस्कृत साहित्य की आधुनिक प्रतिभाएं 01	04	100(80/20)
SEMESTER IV			
MASL-606	काव्यशास्त्र 02	04	100 (80/20)
MASL-607	गद्य एवं पद्य काव्य02	04	100 (80/20)
MASL-608	सिद्धान्तकौमुदी ,कारक एवं समास- 02	04	100 (0/20)
MASL-609	नाटक एवं नाटिका 02	04	100 80/20)
MASL-610	संस्कृत साहित्य की आधुनिक प्रतिभाएं 02	04	100 80/20)

<b>Master of Arts ( Jyotish )</b>		<b>MAJY-20</b>	
<b>मास्टर ऑफ आर्ट्स (ज्योतिष)</b>		<b>Credits-72</b>	
<b>Course Code</b>	<b>Course Name</b>	<b>Credits</b>	<b>Total Marks (Th./Assign.)</b>
<b>SEMESTER I</b>			
MAJY-501	भारतीय ज्योतिष का परिचय एवं इतिहास -01	04	100 (80/20)
MAJY-502	सिद्धान्त ज्योतिष एवं काल विवेचन -01	04	100 (80/20)
MAJY-503	पंचांग एवं मुहूर्त -01	04	100 (80/20)
MAJY-504	ग्रहण, वेध-यन्त्र तथा गोल परिचय -01	04	100 (80/20)
<b>SEMESTER II</b>			
MAJY-505	भारतीय ज्योतिष का परिचय एवं इतिहास -02	04	100 (80/20)
MAJY-506	सिद्धान्त ज्योतिष एवं काल विवेचन-02	04	100 (80/20)
MAJY-507	पंचांग एवं मुहूर्त-02	04	100 (80/20)
MAJY-508	ग्रहण, वेध-यन्त्र तथा गोल परिचय-02	04	100 (80/20)
<b>SEMESTER III</b>			
MAJY-601	होराशास्त्र एवं फलोदश विवेचन- 01	04	100 (80/20)
MAJY-602	ज्योतिषशास्त्रीय विविध योग एवं दशाफल विचार-01	04	100 (80/20)
MAJY-603	ज्योतिष प्रबोध-01	04	100 (80/20)
MAJY-604	संहिता स्कन्ध-01	04	100 (80/20)
MAJY-605	ज्योतिष शास्त्र एवं यात्रा विमर्श-01	04	100 (80/20)
<b>SEMESTER IV</b>			
MAJY-606	होराशास्त्र एवं फलोदश विवेचन- 02	04	100 (80/20)
MAJY-607	ज्योतिषशास्त्रीय विविध योग एवं दशाफल विचार -02	04	100 (80/20)
MAJY-608	ज्योतिष प्रबोध -02	04	100 (80/20)
MAJY-609	संहिता स्कन्ध -02	04	100 (80/20)
MAJY-610	ज्योतिष शास्त्र एवं यात्रा विमर्श -02	04	100(80/20)

**Master Of Performing Arts (Music)**  
प्रदर्शन कला(संगीत) में स्नातकोत्तर – गायन विधा

**MPAM-20**  
**Credits-60**

<b>Course Code</b>	<b>Course Name</b>	<b>Credits</b>	<b>Total Marks(Th. /Assign.)</b>
<b>SEMESTER I</b>			
MPAM-501	संगीत एवं सौन्दर्यशास्त्र I	02	100(80/20)
MPAMV-502	गायन - रागों और तालों का अध्ययन I	02	100 (80/20)
MPAMV-503	प्रयोगात्मक - 1	04	200
MPAMV--504	प्रयोगात्मक - 2	07	350
<b>SEMESTER II</b>			
MPAM 505	संगीत एवं सौन्दर्यशास्त्र II	02	100 (80/20)
MPAMV--506	गायन - रागों और तालों का अध्ययन II	02	100 (80/20)
MPAMV--507	प्रयोगात्मक - 3	04	200
MPAMV--508	प्रयोगात्मक - 4	07	350
<b>SEMESTER III</b>			
MPAM 601	संगीत शास्त्र I	02	100 (80/20)
MPAMV--602	गायन - रागों और तालों का अध्ययन III	02	100 (80/20)
MPAMV--603	प्रयोगात्मक - 5	04	200
MPAMV-604	प्रयोगात्मक - 6	07	350
<b>SEMESTER IV</b>			
MPAM 605	संगीत शास्त्र II	02	100 (80/20)
MPAMV--606	गायन - रागों और तालों का अध्ययन IV	02	100 (80/20)

MPAMV-607	प्रयोगात्मक - 7	04	200
MPAMV-608	प्रयोगात्मक - 8	07	350
नोट- 1. एम0पी0ए0 संगीत प्रथम व द्वितीय सेमेस्टर के प्रश्न पत्र (एम0पी0ए0एम0-501 व 505) गायन, स्वरवाद्य तथा तबला तीनों विधाओं के लिए समान हैं।			
2. एम0पी0ए0 संगीत तृतीय व चतुर्थ सेमेस्टर के प्रश्न पत्र (एम0पी0ए0एम0-601 व 605) गायन तथा स्वरवाद्य विधा के लिए समान हैं।			

### Master Of Performing Arts (Music)

MPAM-20

प्रदर्शन कला(संगीत) में स्नातकोत्तर – स्वरवाद्य विधा

Credits-60

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks(Th. /Assign.)
<b>SEMESTER I</b>			
MPAM-501	संगीत एवं सौन्दर्यशास्त्र I	02	100 (80/20)
MPAMI-502	स्वरवाद्य - रागों और तालों का अध्ययन I	02	100 (80/20)
MPAMI-503	प्रयोगात्मक - 1	04	200
MPAMI--504	प्रयोगात्मक - 2	07	350
<b>SEMESTER II</b>			
MPAM 505	संगीत एवं सौन्दर्यशास्त्र II	02	100 (80/20)
MPAMI--506	स्वरवाद्य - रागों और तालों का अध्ययन II	02	100 (80/20)
MPAMI--507	प्रयोगात्मक - 3	04	200
MPAMI--508	प्रयोगात्मक - 4	07	350
<b>SEMESTER III</b>			
MPAM 601	संगीत शास्त्र I	02	100 (80/20)
MPAMI--602	स्वरवाद्य - रागों और तालों का अध्ययन III	02	100 (80/20)
MPAMI--603	प्रयोगात्मक - 5	04	200
MPAMI-604	प्रयोगात्मक - 6	07	350
<b>SEMESTER IV</b>			
MPAM 605	संगीत शास्त्र II	02	100 (80/20)
MPAMI--606	स्वरवाद्य - रागों और तालों का अध्ययन IV	02	100 (80/20)
MPAMI-607	प्रयोगात्मक - 7	04	200
MPAMI-608	प्रयोगात्मक - 8	07	350
नोट- 1. एम0पी0ए0 संगीत प्रथम व द्वितीय सेमेस्टर के प्रश्न पत्र (एम0पी0ए0एम0-501 व 505) गायन, स्वरवाद्य तथा तबला तीनों विधाओं के लिए समान हैं।			
2. एम0पी0ए0 संगीत तृतीय व चतुर्थ सेमेस्टर के प्रश्न पत्र (एम0पी0ए0एम0-601 व 605) गायन तथा स्वरवाद्य विधा के लिए समान हैं।			

### Master Of Performing Arts (Music)

MPAM-20

प्रदर्शन कला(संगीत) में स्नातकोत्तर – तबला विधा

Credits-60

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks(Th. /Assign.)
<b>SEMESTER I</b>			
MPAM-501	संगीत एवं सौन्दर्यशास्त्र I	02	100 (80/20)
MPAMT-502	तालों का अध्ययन I	02	100 (80/20)
MPAMT -503	प्रयोगात्मक - 1	04	200
MPAMT -504	प्रयोगात्मक - 2	07	350
<b>SEMESTER II</b>			
MPAM - 505	संगीत एवं सौन्दर्यशास्त्र II	02	100 (80/20)
MPAMT- 506	तालों का अध्ययन II	02	100 (80/20)
MPAMT -507	प्रयोगात्मक - 3	04	200
MPAMT 508	प्रयोगात्मक - 4	07	350

<b>SEMESTER III</b>			
<b>MPAMT -601</b>	ताल शास्त्र <b>I</b>	02	100 (80/20)
<b>MPAMT -602</b>	तालों का अध्ययन <b>III</b>	02	100 (80/20)
<b>MPAMT -603</b>	प्रयोगात्मक - 5	04	200
<b>MPAMT 604</b>	प्रयोगात्मक - 6	07	350
<b>SEMESTER IV</b>			
<b>MPAMT -605</b>	ताल शास्त्र <b>II</b>	02	100 (80/20)
<b>MPAMT -606</b>	तालों का अध्ययन <b>IV</b>	02	100 (80/20)
<b>MPAMT -607</b>	प्रयोगात्मक - 7	04	200
<b>MPAMT -608</b>	प्रयोगात्मक - 8	07	350
नोट- 1. एमपीए0 संगीत प्रथम व द्वितीय सेमेस्टर के प्रश्न पत्र (एमपीए0-501 व 505) गायन, स्वरवाद्य तथा तबला तीनों विधाओं के लिए समान हैं।			

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**प्रबंध अध्ययन एवं वाणिज्य विद्याशाखा**  
**School of Management Studies and Commerce**

**PROGRAMME SUMMARY & FEE STRUCTURE**

Programme Name And Abbreviation	Prog. Code	Eligibility	Duration (Yrs)		SLM	Mode of Exam Annual /Sem)	Year/ Sem	Details of Fee (₹)							
			Mini	Max				Programme	Project	Workshop Exam	Practical	Viva-Voce	Miscellaneous	Degree Fee	Grand Total
MASTER OF BUSINESS ADMINISTRATION - MBA	MBA-17	50% Marks at graduate or post-graduate level or 45% at Graduate or post graduate level along with 2 years' of supervisory/managerial/professional/teaching experience after completing graduation or post-graduation (even if the degree has been obtained in ODL mode or as a private student). (5% relaxation for reserved category) Admission through entrance test conducted by the University / MAT / CAT score	2	4	English	Sem.	I	8000	-	1500	-	-	150		9650
							II	7000	-	1250	-	-			8250
							III	7000	-	1500	-	-			8500
							IV	6000	1000	750	-	500	300	8550	
Master of Commerce M.COM.	MCOM-20	Bachelor's Degree in Commerce (B. Com.)	2	6	Hindi <sup>1</sup>	Sem.	I	3000	-	750	-	-	150		3900
							II	-	-	750	-	-			750
							III	3000	-	750	-	-			3750
							IV	-	-	750	-	-	300	1050	

Note: The fee mentioned in this table (along with Rs. 100/- as registration fee) for MBA-17 shall apply only after qualifying the entrance test (Rs. 1000/- for entrance-test is payable separately at the time of test). Further for PGDHRM-17 and PGDMM-17, the annual fee shall be payable in two installments.

विद्यार्थी प्रवेश के समय अपने कार्यक्रम का सम्पूर्ण शुल्क (Grand total) जमा करें। विद्यार्थी को अध्ययन सामग्री उसी माध्यम में दी जायेगी जो उसके कार्यक्रम के सामने SLM शीर्षक में निर्दिष्ट है।

1. SILM is available in Hindi medium only but learners are free to choose English as their medium for all the purposes, i.e. assignments, projects, examination etc.

प्रबंध अध्ययन एवं वाणिज्य विद्याशाखा  
School of Management Studies and Commerce  
PROGRAMME SUMMARY

MASTER OF BUSINESS ADMINISTRATION मास्टर ऑफ बिजनेस एडमिनिस्ट्रेशन  
MBA

MBA-17  
Credit-132

PROGRAMME STRUCTURE		
Course Code	Course Name	Cre Total Marks dits (Th. /Assign.)
<b>SEMESTER I</b>		
MS-101	Principles of Management and Organizational Behaviour	06 100 (80/20)
MS -102	Accounting for Managers	06 100 (80/20)
MS -103	Managerial Economics	06 100 (80/20)
MS -104	Quantitative Techniques in Management	06 100 (80/20)
MS -105	Business Environment	06 100 (80/20)
MS- 106	IT and Management Information System	06 100 ((80/20)
<b>SEMESTER II</b>		
MS- 107	Marketing Management	06 100 (80/20)
MS- 108	Human Resource Management	06 100 (80/20)
MS- 109	Financial Management	06 100 (80/20)
MS-110	Research Methodology	06 100 (80/20)
MS-111	International Business	06 100 (80/20)
<b>YEAR II: (SELECT ANY ONE SPECIALISATION) (Includes specialization papers and the Integrative papers)</b>		
<b>HUMAN RESOURCE MANAGEMENT (PGDHRM)</b>		
<b>SEMESTER III</b>		
MS-201	Business Policy and Strategic Management	06 100 (80/20)
MS-202	Entrepreneurship Development	06 100 (80/20)
MS-203	Business Ethics & Corporate Governance	06 100 (80/20)
MS- 301	Human Resource Planning	06 100 (80/20)
MS -302	Human Resource Development	06 100 (80/20)
MS- 303	Organizational Change and Development	06 100 (80/20)
<b>SEMESTER IV</b>		
MS- 204	Project and <i>Viva Voce</i>	12 200 (120/80)
<i>Select any three from the following courses;</i>		
MS -304	Labour Laws for Managers	06 100 (80/20)
MS-305	Strategic Human Resource Management	06 100 (80/20)
MS-306	Industrial Relations	06 100 (80/20)
MS-307	Compensation Management	06 100 (80/20)
MS-308	International Human Resource Management	06 100 (80/20)
MS-309	Management of Training and Development	06 100 (80/20)
<b>FINANCIAL MANAGEMENT</b>		
<b>SEMESTER III</b>		
MS-201	Business Policy and Strategic Management	06 100 (80/20)
MS-202	Entrepreneurship Development	06 100 (80/20)
MS-203	Business Ethics & Corporate Governance	06 100 (80/20)
MS-401	Corporate Tax Planning	06 100 (80/20)
MS-402	Indian Financial System	06 100 (80/20)
MS-403	Project Finance	06 100 (80/20)
<b>SEMESTER IV</b>		
MS-204	Project and <i>Viva Voce</i>	12 200(120/80)
<i>Select any three from the following courses;</i>		
MS-404	Security Analysis and Portfolio Management	06 100 (80/20)

MS-405	International Finance	06	100 (80/20)
MS-406	Working Capital Management	06	100 (80/20)
MS-407	Management of Financial Services	06	100 (80/20)
MS-408	Financial Reporting	06	100(80/20)
MS-409	Micro Finance	06	100 (80/20)
<b>MARKETING MANAGEMENT (PGDMM)</b>			
<b>SEMESTER III</b>			
MS-201	Business Policy and Strategic Management	06	100 (80/20)
MS-202	Entrepreneurship Development	06	100 (80/20)
MS-203	Business Ethics & Corporate Governance	06	100 (80/20)
MS- 501	Marketing Research	06	100 (80/20)
MS- 502	Advertising and Sales Promotion	06	100 (80/20)
MS -503	Consumer Behaviour	06	100 (80/20)
<b>SEMESTER IV</b>			
MS- 204	Project and <i>Viva Voce</i> <b>Select any three from the following courses;</b>	12	200(120/80)
MS- 504	International Marketing	06	100 (80/20)
MS- 505	Services Marketing	06	100 (80/20)
MS- 506	Supply Chain Management	06	100 (80/20)
MS- 507	Rural Marketing	06	100 (80/20)
MS- 508	Sales and Distribution Management	06	100 (80/20)
MS- 509	Industrial Marketing	06	100 (80/20)
MS- 510	Brand Management	06	100 (80/20)
<b>Note : (As per Programme) : Examination conducted on Descriptive Pattern.</b>			

**N.B.- Learners are instructed to refer to guidelines for admission to Management Programmes as given in Appendix- III included in the prospectus.**

## MASTER OF COMMERCE मास्टर ऑफ कॉमर्स

MCOM-20

Credits-72

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks (Th. /Assign.)
<b>SEMESTER I</b>			
MCM-501	Business and Economic Environment (व्यावसायिक और आर्थिक पर्यावरण)	06	100 (80/20)
MCM-502	Statistical Analysis and Research Methodology (सांख्यिकीय विश्लेषण और शोध प्रविधि)	06	100 (80/20)
MCM-503	Business and Economic Laws (व्यावसायिक और आर्थिक विधि)	06	100 (80/20)
<b>SEMESTER II</b>			
MCM-504	Advanced Business Economics (उच्चतर व्यावसायिक अर्थशास्त्र)	06	100 (80/20)
MCM-505	Accounting Theory and Practices (लेखांकन सिद्धांत और कार्यप्रणाली)	06	100 (80/20)
MCM-506	International Business and Finance Operations (अन्तर्राष्ट्रीय व्यापार व वित्तीय परिचालन)	06	100 (80/20)
<b>SEMESTER III</b>			
MCM-601	Project Management (परियोजना प्रबन्ध)	06	100 (80/20)
MCM-602	Entrepreneurship Development (उद्यमिता विकास)	06	100 (80/20)
MCM-603	Business Policy and Strategic Management (व्यावसायिक नीति व रणनीतिक प्रबन्ध)	06	100 (80/20)
<b>SEMESTER IV</b>			
MCM-604	Advanced Financial Management (उच्चतर वित्तीय प्रबन्ध)	06	100 (80/20)
MCM-605	Security Analysis and Portfolio Management (प्रतिभूति विश्लेषण व संविभाग प्रबन्ध)	06	100 (80/20)
MCM-606	Financial Markets and Institutions (वित्तीय बाजार और संस्थाएं)	06	100 (80/20)

# School of Computer Science & Information Technology

## PROGRAMME SUMMARY & FEE STRUCTURE

Programme Name & Abbreviation	Programme Code	Eligibility	Duration In Years		SLM	Mode of Exam (Annual/ Sem)	Year / Sem	Details of Fees (Rs.)							
			M	N				Program	Project/ Lab	Exam	Practical	Viva-Voice	Miscellaneous	Degree Fee	Grand Total
MASTER OF COMPUTER APPLICATIONS – MCA	MCA-20	Passed BCA/ Bachelor Degree in Computer Science Engineering or equivalent Degree like PGDCA diploma from UGC recognised University, A- Level from DOEACC with graduation, etc.  OR  B.Sc./ B.Com./ B.A. with Mathematics at 10+2 Level or at Graduation Level (obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying Examination), they have to complete 2 semester PDGCA program offered by Uttarakhand Open University as a bridge course. After the completion of the bridge course, the PGDCA diploma shall be awarded to these candidates and they will be admitted to first semester of two-year (four semester) MCA program. For candidates who do not have Mathematics at 10+2 Level or at Graduation level, they have to enrol and complete an additional Mathematic course available at SWAYAM portal (Sr. Secondary Mathematics paper in SWAYAM portal by Dr. Rajendra Kumar Nayak, NIOS). The equivalent courses shall be identified from time to time and the details shall be provided in the University website.  Lateral Entry (MCA Third Semester): M.Sc.(CS/IT) from UGC recognised University	2	4	English	Sem	I	9500	-	1000	500	-	150		11150
							II	9500		1000	500	-	-		11000
							III	9500	-	1000	500	-	-		11000
							IV	9500	1000	500	-	-	-	300	11300
MASTER OF SCIENCE (INFORMATION TECHNOLOGY) – MSC(IT)	MSC IT-17	Graduation with Mathematics at graduation or 10+2 level. However, candidates not having Mathematics at 10+2 level or Graduation level will have to pass one qualifying Mathematics paper during course of the programme. Exam fee for the subject will be charged separately).Lateral Entry: B.Tech./B.E./A-level from DOEACC after graduation / PGDCA with graduation	2	4	English	Sem	I	9500	-	1000	500	-	150		11150
							II	9500	1000	750	500	-	-		11750
							III	9500	-	1000	500	-	-		11000
							IV	9500	1000	750	500	-	-	300	12050
MASTER OF SCIENCE (CYBER SECURITY) - M.Sc. CYBER SECURITY	MSC-CS-18	Graduation (Science/IT). Lateral Entry(IIIrd Semester ): Post Graduate Diploma in Cyber Security	2	4	English	Sem	I	10000	-	1000	-	-	150	-	11150
							II	10000	1000	1000	-	-	-	-	12000
							III	10000	-	1000	500	-	-	-	11500
							IV	10000	1000	1000	500	-	-	300	12800



## PROGRAMME SUMMARY

कंप्यूटर विज्ञान एवं सूचना प्रौद्योगिकी विद्याशाखा

School of Computer Science & Information Technology

### MASTER OF COMPUTER APPLICATIONS

मास्टर ऑफ़ कंप्यूटर एप्लीकेशन्स

MCA-20

Credits-70

SEMESTER I			
MCS-501	Discrete Mathematics	04	100 (80/20)
MCS-502	Object-Oriented Programming through C++	04	100 (80/20)
MCS-503	Software Engineering	04	100 (80/20)
MCS-504	Operating System	04	100 (80/20)
MCS-P1	Practical	02	100
SEMESTER II			
MCS-505	Database Management System	04	100 (80/20)
MCS-506	Introduction to Computer Networks	04	100 (80/20)
MCS-507	Design and Analysis of Algorithm	04	100 (80/20)
MCS-508	Programming in Java	04	100 (80/20)
MCS-P2	Practical	02	100
SEMESTER III			
MCS-601	Information Security Assurance: Framework, Standards & Industry Best Practices	04	100 (80/20)
MCS-602	Computer System Architecture	04	100 (80/20)
	Elective I	04	100 (80/20)
	Elective II	04	100 (80/20)
MCS-P3	Practical	02	100 (80/20)
SEMESTER IV			
	Elective III	04	100 (80/20)
	Elective IV	04	100 (80/20)
MCS-603	Project (200 marks) +Viva-Voce(100 marks)	08	300

#### Elective I

1. **Web Technology(MCS-E1)**
2. **Introduction to Soft Computing(MCS-E2) (Offered through SWAYAM only)**
3. **Fuzzy Logic and Neural Networks(MCS-E3) (Offered through SWAYAM only)**
4. **Basics of Remote Sensing and GIS(MGIS-502)**

#### Elective II

1. **Fundamentals of Information Security (MIT(CS)-101)**
2. **Cyber Security Techniques (MIT(CS)-102)**
3. **Information System (MIT(CS)-104)**
4. **Digital Forensics (MIT(CS)-202)**

#### Elective III

1. **Formal Languages and Automata(MCA-E4)**
2. **Python Programming(MCA-E5) (Offered through SWAYAM only)**
3. **Artificial Intelligence(MCS-E6) (Offered through SWAYAM only)**
4. **Data Science for Engineers(MCS-E7) (Offered through SWAYAM only)**

#### Elective IV

1. **Information System for Business (MCS-E8)**
2. **Project Management (MCS-E9)**

3. **Wireless Networks (MCS-E10)**
4. **Introduction to Internet of Things (MCS-E11) (Offered through SWAYAM only)**
5. **Cloud Computing (MCS-E12) (Offered through SWAYAM only)**

**Note: Processing fee of Rs.250/course shall be applicable to facilitate credit transfer along with the application form and transcripts.**

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY) –**

**MSCIT-17**

**मास्टर ऑफ़ साइंस (इनफार्मेशन टेक्नोलॉजी)**

**Credits-70**

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks (Th. /Assign.)
<b>SEMESTER I</b>			
M.Sc.IT-01	Computer Fundamentals and PC Software	04	100(80/20)
M.Sc.IT-02	Digital Logic	04	100(80/20)
M.Sc.IT-03	Computer Programming Using C	04	100(80/20)
M.Sc.IT-04	Fundamentals of Networking and Web Technology	04	100(80/20)
M.Sc.IT-P1	Practical	02	100
<b>SEMESTER II</b>			
M.Sc.IT-05	Computer Organization and Architecture	04	100(80/20)
M.Sc.IT-06	Data Structure through C Language	04	100(80/20)
M.Sc.IT-07	Fundamentals of Database Management System	04	100(80/20)
M.Sc.IT-08	Project-I	04	100
M.Sc.IT-P2	Practical	02	100
<b>SEMESTER III</b>			
M.Sc.IT-09	Discrete Mathematics	04	100(80/20)
M.Sc.IT-10	Object-Oriented Programming through C++	04	100(80/20)
M.Sc.IT-11	Operating System	04	100(80/20)
M.Sc.IT-12	Design and Analysis of Algorithm	04	100(80/20)
M.Sc.IT-P3	Practical	02	100
<b>SEMESTER IV</b>			
M.Sc.IT-13	Programming in Java	04	100(80/20)
M.Sc.IT-14	Advanced Database Management System	04	100(80/20)
M.Sc.IT-15	System Software	04	100(80/20)
M.Sc.IT-16	Project	02	150
M.Sc.IT-P4	Practical	02	100

**MASTER OF SCIENCE (CYBER SECURITY) - मास्टर ऑफ़ साइंस (साइबर सिक््यूरिटी)**

**MSCCS-18**

**M.Sc. (CYBER SECURITY)**

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks (Th. /Assign.)
<b>SEMESTER I</b>			
MIT(CS)-101	Fundamental of Information Security	04	100 (80/20)
MIT(CS)-102	Cyber Security Techniques	04	100 (80/20)
MIT(CS)-103	Cyber Attacks and Counter Measures:User Perspective	04	100 (80/20)
MIT(CS)-104	Information System	04	100 (80/20)
FCS	Introduction to Cyber Security	04	100
<b>SEMESTER II</b>			
MIT(CS)-201	Information Security Assurance : Framework, standards and Industry best practices	04	100 (80/20)

MIT(CS)-202	Digital Forensic	04	100 (80/20)
MIT(CS)-203	Advanced cyber security techniques	04	100 (80/20)
MIT(CS)-204	Computational Number Theory & Cryptography	04	100 (80/20)
MIT(CS)-P2	Project + Viva	04	100
<b>SEMESTER III</b>			
MIT(CS)-301	Introduction to Computing	04	100 (80/20)
MIT(CS)-302	Introduction Digital Systems	04	100 (80/20)
MIT(CS)-303	Object Oriented Programming Using C++	04	100 (80/20)
MIT(CS)-304	Introduction to Operating System	04	100 (80/20)
MIT(CS)-P3	Practical (C++)	04	100
<b>SEMESTER IV</b>			
MIT(CS)-401	Data Structure	04	100 (80/20)
MIT(CS)-402	Introduction to DBMS	04	100 (80/20)
MIT(CS)-403	Introduction to Networking	04	100 (80/20)
MIT(CS)-404	Computer Organization and Architecture	04	100 (80/20)
MIT(CS)-Project	Practical (DS & DBMS)	04	150

**School of Tourism, Hospitality & Hotel Management**  
**PROGRAMME SUMMARY & FEE STRUCTURE**

Programme Name And Abbreviation	Programme Code	Eligibility	Duration (Yrs)		SLM	Mode of Exam (Annual/Sem)	Year/ Sem	Details of Fee (Rs.)							
			Minimum	Maximum				Programme	Project/ Workshop	Exam	Practical	Viva-Voce	Miscellaneous	Degree Fee	Grand Total
MASTER OF TOURISM AND TRAVEL MANAGEMENT -MTTM	MTTM-17	Graduation in any stream	2	4	English	Semester	I	2500	-	1000	-	-	150		<b>3650</b>
							II	2500	-	1000	-	-	-		<b>3500</b>
							III	2500	1500	1000	-	-	-		<b>5000</b>
							IV	2500	-	1000	-	-	-	<b>300</b>	<b>3800</b>

विद्यार्थी प्रवेश के समय अपने कार्यक्रम का सम्पूर्ण शुल्क(Grand total) जमा करें। विद्यार्थी को अध्ययन सामग्री उसी माध्यम में दी जायेगी जो उसके कार्यक्रम के सामने SLM शीर्षक में निर्दिष्ट है।

**PROGRAMME SUMMARY**  
**पर्यटन, आतिथ्य एवं होटल प्रबंधन विद्याशाखा**  
**School of Tourism, Hospitality & Hotel Management**

**MASTER OF TOURISM AND TRAVEL MANAGEMENT – मास्टर ऑफ टूरिज्म एण्ड ट्रैवल मैनेजमेंट** MTTM-17  
**MTTM** Credits-72

<b>PROGRAMME STRUCTURE</b>			
<b>Course Code</b>	<b>Course Name</b>	<b>Credits</b>	<b>Total Marks (Th./Assign.)</b>
<b>SEMESTER I</b>			
MTTM-101	Tourism: Concepts and Linkages	04	50 (40/10)
MTTM-102	Principles of Management	04	50 (40/10)
MTTM-103	Introduction to Marketing	04	50 (40/10)
MTTM-104	Indian History, Society and Culture	04	50 (40/10)
<b>SEMESTER II</b>			
MTTM-201	Tourism Resources of India	04	50 (40/10)
MTTM-202	Introduction to Travel and Hotel Operations	04	50 (40/10)
MTTM-203	International Tourism: Trends and Typologies	04	50 (40/10)
MTTM-204	MIS for Tourism	04	50 (40/10)
<b>SEMESTER III</b>			
MTTM-301	Human Resource Management	04	50 (40/10)
MTTM-302	Itinerary Planning and Tour Packaging	04	50 (40/10)
MTTM-303	Research Methodology	04	50 (40/10)
MTTM-304	Financial Accounting	04	50 (40/10)
MTTM-305	‘Industrial Training’ or ‘Project Report’ (50 marks) and Viva voce (50 marks)	08	100
<b>SEMESTER IV</b>			
MTTM-401	Airline Ticketing and Cargo Operations	04	50 (40/10)
MTTM-402	Tourism Policy and Planning	04	50 (40/10)
MTTM-403	Ecology of Tourism and Tourism Impacts	04	50 (40/10)
MTTM-404	Tourism Marketing Management and Entrepreneurial Development	04	50 (40/10)

# स्वास्थ्य विज्ञान विद्याशाखा

## School of Health Science

### PROGRAMME SUMMARY & FEE STRUCTURE

Programme Name And Abbreviation	Programme Code	Eligibility	Duration (In Year)		SLM	Mode of Exam (Annual / Sem)	Year/ Sem	Details of Fee Structure (Rs.)							
			Minimum	Maximum				Programme Fee	Project/ Lab Workshop Fee	Exam Fee	Practical	Viva-Voce	Miscellaneous	Degree Fee	Grand Total
Master of Arts Yoga	MAY-20	किसी भी मान्यता प्राप्त विश्वविद्यालय से स्नातक की डिग्री।	2	6	Hindi	Annual	I	8500	-	750	-	-	150		<b>9400</b>
							II	-	1000	500	500	-	-	-	<b>2000</b>
							III	8500	-	750	-	-	-	-	<b>9250</b>
							IV	-	1000	500	500	-	-	<b>300</b>	<b>2300</b>
MASTER OF ARTS (Home Science)	MAHS-19	B.A. Home Science or B.Sc. Home Scienc	2	6	Hindi	Sem	I	4000	-	1000	500		150		<b>5650</b>
							II	4000	-	1000	500				<b>5500</b>
							III	4000		1000	500				<b>5500</b>
							IV	4000	1500	250	500			<b>300</b>	<b>6550</b>

विद्यार्थी प्रवेश के समय अपने कार्यक्रम का सम्पूर्ण शुल्क(Grand total) जमा करें। विद्यार्थी को अध्ययन सामग्री उसी माध्यम में दी जायेगी जो उसके कार्यक्रम के सामने SLM शीर्षक में निर्दिष्ट है।

NOTE- : Master of Arts Yoga ( MAY-20) पाठ्यक्रम दो वर्ष ( चार सेमेस्टर) का है। द्वितीय व चतुर्थ सेमेस्टर में 10 दिवसीय कार्यशाला का आयोजन विश्वविद्यालय द्वारा किया जायेगा। जिसमें अनिवार्य रूप से प्रत्येक विद्यार्थी को प्रतिभाग करना होगा तभी विद्यार्थी प्रयोगात्मक परीक्षा में सम्मिलित हो सकेगा। भाग लेने वाले सभी विद्यार्थियों का अपने भोजन एवं आवास की व्यवस्था स्वयं करनी होगी। कार्यशाला के स्थान एवं समय का निर्धारण विश्वविद्यालय द्वारा किया जायेगा।

**Master of Arts Yoga (M A Yoga )****MAY-20****एम०ए०योग**

Credits-72

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks (Th./Assign.)
<b>SEMESTER I</b>			
MY-501	योग के आधारभूत तत्व	06	100 (80/20)
MY-502	व्यावहारिक मनोविज्ञान एवं योग	06	100 (80/20)
MY-503	हठयोग के सिद्धान्त	06	100 (80/20)
<b>SEMESTER II</b>			
MY-504	मानव जीव विज्ञान एवं योग	06	100 (80/20)
MY-505	योग में अनुसंधान विधियाँ एवं सांख्यिकी	06	100 (80/20)
MY-506	क्रियात्मक	06	100
<b>SEMESTER III</b>			
MY-601	पातंजल योग सूत्र	06	100 (80/20)
MY-602	योग एवं स्वास्थ्य	06	100 (80/20)
MY-603	प्राकृतिक चिकित्सा	06	100 (80/20)
<b>SEMESTER IV</b>			
MY-604	पूरक चिकित्सा पद्धतियाँ	06	100 (80/20)
MY-605	निबन्ध	06	100
MY-606	क्रियात्मक	06	100
<p><b>NOTE- :</b> उक्त पाठ्यक्रम दो वर्ष व चार सेमेस्टर का है। द्वितीय व चतुर्थ सेमेस्टर में 10 दिवसीय कार्यशाला का आयोजन विश्वविद्यालय द्वारा किया जायेगा। जिसमें अनिवार्य रूप से प्रत्येक विद्यार्थी को प्रतिभाग करना होगा तभी विद्यार्थी प्रयोगात्मक परीक्षा में सम्मिलित हो सकेगा। भाग लेने वाले सभी विद्यार्थियों का अपने भोजन एवं आवास की व्यवस्था स्वयं करनी होगी। कार्यशाला के स्थान एवं समय का निर्धारण विश्वविद्यालय द्वारा किया जायेगा।</p>			

**MASTER OF ARTS (HOME SCIENCE) मास्टर ऑफ आर्ट्स (होम साइंस)****MAHS-19****MA (Home Science)**

Credits-68

Semester I			
Course Code	Course Name	Credits	Total Marks (Th./Assign)
MAHS-01	Food Science and Nutrition	04	100 (80/20)
MAHS-02	Child Psychology and Theories of Human Development	04	100 (80/20)
MAHS-03	Textile Science	04	100 (80/20)
MAHS-04	Practical Based on MAHS-03	02	100
MAHS-05	Extension and Communication for Community Development	04	100 (80/20)

<b>Semester II</b>			
<b>Course Code</b>	<b>Course Name</b>	<b>Credits</b>	<b>Total Marks (Th./Assign)</b>
MAHS-06	Clinical and Therapeutic Nutrition	04	100 (80/20)
MAHS-07	Practical Based on MAHS-06	02	100
MAHS-08	Food Service Management	04	100 (80/20)
MAHS-09	Research Methodology and Statistics	04	100 (80/20)
MAHS-10	Family Resource Management and Entrepreneurship Development	04	100 (80/20)
<b>Semester III</b>			
<b>Course Code</b>	<b>Course Name</b>	<b>Credits</b>	<b>Total Marks (Th./Assign)</b>
MAHS-11	Public Health and Community Nutrition	04	100 (80/20)
MAHS-12	Life Span Development	04	100 (80/20)
MAHS-13	Apparel Designing	02	100 (80/20)
MAHS-14	Practical Based on MAHS-13	04	100
MAHS-15	Extension Programme Management and Sustainable Development	04	100 (80/20)
<b>Semester IV</b>			
<b>Course Code</b>	<b>Course Name</b>	<b>Credits</b>	<b>Total Marks (Th./Assign)</b>
MAHS-16	Housing and Interior Decoration	04	100 (80/20)
MAHS-17	Practical Based on MAHS-16	02	100
MAHS-18	Project Work/ Internship & viva voce	08	200 (120/80)



**शिक्षाशास्त्र विद्याशाखा**  
**School of Education**

**PROGRAMME SUMMARY & FEE STRUCTURE**

Programme Name (Code)	Eligibility	Duration (Yrs)		SLM	Mode of Exam (Annual /Sem)	Year/ Sem	Details of Fee (₹)							
		Mini	Max				Programme	Project/ Workshop	Exam	Practical	Viva-Voce	Miscellaneous	Degree Fee	Grand Total
Master of Arts in Education (MAED-20)	Graduation in any stream	2	6	Hindi	Semester	I	4000	-	1000	-	-	150	-	5150
						II	-	-	1000	-	-	-	-	1000
						III	4000	-	1250	-	-	-	-	5250
						IV	-	-	1250	-	-	-	300	1550

विद्यार्थी प्रवेश के समय अपने कार्यक्रम का सम्पूर्ण शुल्क(Grand total) जमा करें। विद्यार्थी को अध्ययन सामग्री उसी माध्यम में दी जायेगी जो उसके कार्यक्रम के सामने SLM शीर्षक में निर्दिष्ट है।

The student of MAED-20 opting for the online course material( The SLM shall have to be downloaded from the University Website portal elearning.uou.ac.in and hard copy of the course material shall not be provided by the University) shall be given 15% discount on the programme fee for the selected year.

एमएईडी-20 कार्यक्रम के अंतर्गत यदि कोई छात्र ऑनलाइन पाठ्य सामग्री चाहता है (पाठ्यसामग्री विश्वविद्यालय की वेबसाइट के पोर्टल elearning.uou.ac.in से डाउनलोड करनी होगी, विश्वविद्यालय द्वारा पुस्तकें उपलब्ध नहीं करायी जायेंगी) तो ऐसे छात्र को उसके कार्यक्रम के चुने हुए वर्ष के कार्यक्रम शुल्क में 15% की छूट प्रदान की जायेगी।

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks (Th/Assign)
<b>Semester I</b>			
MAED-501	Philosophical & Sociological Bases of Education (शिक्षा के दार्शनिक एवं समाजशास्त्रीय आधार)	4	100 (80/20)
MAED-502	Psychological Bases of Education(शिक्षा के मनोवैज्ञानिक आधार)	4	100 (80/20)
MAED-503	Research Methods & Statistics in Education (शिक्षा में अनुसंधान पद्धतियां एवं सांख्यिकी)	4	100 (80/20)
MAED-504	Educational Technology (शैक्षिक तकनीकी)	4	100 (80/20)
<b>Semester II</b>			
MAED-505	Philosophical & Sociological Bases of Education (शिक्षा के दार्शनिक एवं समाजशास्त्रीय आधार)	4	100 (80/20)
MAED-506	Psychological Bases of Education(शिक्षा के मनोवैज्ञानिक आधार)	4	100 (80/20)
MAED-507	Research Methods & Statistics in Education (शिक्षा में अनुसंधान पद्धतियां एवं सांख्यिकी)	4	100 (80/20)
MAED-508	Educational Technology (शैक्षिक तकनीकी)	4	100 (80/20)
<b>Semester III</b>			
<b>COMPULSORY PAPERS (अनिवार्य प्रश्न-पत्र)</b>			
MAED-601	Guidance and Counselling(निर्देशन एवं परामर्श)	4	100(80/20)
MAED-602	Educational Management and Administration(शैक्षिक प्रबंधन एवं प्रशासन)	4	100(80/20)
MAED-603	Teacher Education(अध्यापक शिक्षा)	4	100(80/20)
MAED-604	Distance Education(दूरस्थ शिक्षा)	4	100(80/20)
<b>OPTIONALPAPER (SELECT ANY ONE) (वैकल्पिक प्रश्न-पत्र किसी एक प्रश्न-पत्र का चयन करें)</b>			
MAED-605	Curriculum Development(पाठ्यक्रम विकास)	4	100(80/20)
MAED-606	Inclusive Education(समावेशित शिक्षा)	4	100(80/20)
MAED-607	Measurement and Evaluation(मापन एवं मूल्यांकन)	4	100(80/20)
<b>Semester IV</b>			
<b>COMPULSORY PAPERS (अनिवार्य प्रश्न-पत्र)</b>			
MAED-608	Guidance and Counselling(निर्देशन एवं परामर्श)	4	100 (80/20)
MAED-609	Educational Management and Administration(शैक्षिक प्रबंधन एवं प्रशासन)	4	100 (80/20)
MAED-610	Teacher Education(अध्यापक शिक्षा)	4	100 (80/20)
MAED-611	Distance Education(दूरस्थ शिक्षा)	4	100 (80/20)
<b>OPTIONALPAPER (SELECT ANY ONE) (वैकल्पिक प्रश्न-पत्र किसी एक प्रश्न-पत्र का चयन करें)</b>			
MAED-612	Curriculum Development(पाठ्यक्रम विकास)	4	100(80/20)
MAED-613	Inclusive Education(समावेशित शिक्षा)	4	100(80/20)
MAED-614	Measurement and Evaluation(मापन एवं मूल्यांकन)	4	100(80/20)

**पत्रकारिता एवं मीडिया अध्ययन विद्याशाखा**  
**School of Journalism and Media Studies**

**PROGRAMME SUMMARY & FEE STRUCTURE**

Programme Name and Abbreviation	Programme Code	Eligibility	Duration (In Yr)		Slm	Mode Of Examination (Annual / Sem)	Year / Sem	Details of Fee (₹)							
			Minimum	Maximum				Programme	Project/ Dissertation Workshop	Exam	Practical	Viva-Voce	Miscellaneous	Degree Fee	Grand Total
MASTER OF ARTS (JOURNALISM AND MASS COMMUNICATION) MA(JOURNALISM AND MASS COMMUNICATION)	MAJMC-19	Graduation in any stream. Those who have one year PGDJMC or any other relevant PG Diploma from recognized institution may apply for third semester under lateral entry scheme.	2	6	Hindi	Semester	I	2500	-	1000	-	-	150		3650
							II	2500	-	1000	-	-	-		3500
							III	2500	-	1000	-	-	-		3500
							IV	2500	1000	-	-	500	-	300	4300

Note: Study material is available in Hindi only. However, the learners may write their examinations in Hindi or English

विद्यार्थी प्रवेश के समय अपने कार्यक्रम का सम्पूर्ण शुल्क(Grand total) जमा करें। विद्यार्थी को अध्ययन सामग्री उसी माध्यम में दी जायेगी जो उसके कार्यक्रम के सामने SLM शीर्षक में निर्दिष्ट है।

PROGRAMME SUMMARY

पत्रकारिता एवं मीडिया अध्ययन विद्याशाखा

School of Journalism and Media Studies

MASTER OF ARTS (JOURNALISM AND MASS COMMUNICATION)

MAJMC-19

मास्टर ऑफ आर्ट्स (जर्नलिज्म एण्ड मास कम्यूनिकेशन)

Credits-64

MA(JOURNALISM AND MASS COMMUNICATION)

PROGRAMME STRUCTURE			
Course Code	Course Name	Cre-dits	Total Marks (Th. /Assign.)
<b>SEMESTER I</b>			
MMC-101	Mass Communication: Concept, Processes and Theories	04	100 (80/20)
MMC-102	History of Journalism & Contemporary Perspective	04	100 (80/20)
MMC-103	Media Laws and Ethics	04	100 (80/20)
MMC-104	News : Definition, Concept and Reporting	04	100 (80/20)
<b>SEMESTER II</b>			
MMC-201	Editing, Printing & Production	04	100 (80/20)
MMC-202	Advertising and Public Relations	04	100 (80/20)
MMC-203	Electronic and Cyber Media	04	100 (80/20)
MAJMC-204	Various Forms of Journalism	04	100 (80/20)
<b>SEMESTER III</b>			
MMC-301	Communication Research	04	100 (80/20)
MMC-302	Media & Society	04	100 (80/20)
MMC-303	Development Journalism	04	100 (80/20)
MMC-304	Media Management	08	100 (80/20)
<b>SEMESTER IV</b>			
MMC-401	<b>Dissertation/Viva-Voce</b>	16/(12/4)	400 (300/100)

<sup>1</sup> Students of MAJMC-19 final semester are required to do a compulsory four- day workshop on research methodology. They will also be required to write a 16 (12+4) credits dissertation on communication and media related issue. Out of 16 credits, 12 are assigned to dissertation and 4 credits to viva voce.

**भौमिकी एवं पर्यावरण विज्ञान विद्याशाखा**  
**School of Earth and Environmental Science**

Programme name	Programme code	Eligibility	Duration (yr)		SLM	Mode of exam	Semester	Fee structure (Rs.)							
			Minimum	Maximum				Programme	Project/ workshop	Exam	Practical	Viva-voce	Miscellaneous	Degree fees	Grand total
<b>Master of Science (Environmental Science)</b>	<b>MSCES-20</b>	Graduation in any science discipline (B.Sc./B. Tech / B.Sc.(Ag.) / B.Sc. (Forestry)/ B.E./ B.Pharma/B.Sc. (Biotech.)/ B.Sc. (Fisheries) or any other science discipline	2	6	English	Semester	I	4000	1500	1000	500	500	150	-	7650
							II	4000	1500	1000	500	500	-	-	7500
							III	4000	1500	1000	500	500	-	-	7500
							IV	4000	1500	1000	500	500	-	300	7800
<b>Master of Science/Master of Arts GEOGRAPHY</b>	<b>MSCGE-20 MAGE-20</b>	Graduation with Geography	2	6	Hindi	Semester	I	4000	1500	1000	500	500	150	-	7650
							II	4000	1500	1000	500	500	-	-	7500
							III	4000	1500	1000	500	500	-	-	7500
							IV	4000	1500	1000	500	500	-	300	7800
<b>MASTER OF SCIENCE (GEO INFORMATICS)/ M.Sc.(GEO INFORMATICS)</b>	<b>MSCGIS-20</b>	Graduation with Science or Engineering stream from a UGC recognized University. Lateral entry in 2 <sup>nd</sup> Year to all the candidates who have completed PGDGIS from a UGC recognized University	2	4	English	Sem	I	7250	2000	1250	500	-	150	-	11,150
							II	7000	2000	750	500	1500	-	-	11,750
							III	7250	2000	1000	500	-	-	-	10,750
<b>MASTER OF ARTS (GEO INFORMATICS) – MA(GEO INFORMATICS)</b>	<b>MAGIS-20</b>	Graduation with Arts/ Commerce stream from a UGC recognized University. Lateral entry in 2 <sup>nd</sup> Year to all the candidates who have completed PGDGIS from a UGC recognized University.					IV	7000	2000	750	-	1500	-	300	11,550

\*The candidates with Science/Technology stream at the graduation level shall be awarded MSc (GIS) (Geo-Informatics) degree and the candidates with non-science background shall be awarded with MA(GIS)(Geo-Informatics) degree. The student of MA(GIS)-17/MSC(GIS)-17 opting for the online course material( The SLM shall have to be downloaded from the University Website portal elearning.uou.ac.in and hard copy of the course material shall not be provided by the University) shall be given 15% discount on the programme fee for the selected year.

**M.Sc. (Environmental Science)**

MSCES-20

**एम०एससी० (पर्यावरण विज्ञान)****Credits-64**

Course Code	Paper Name	Credits	Total Marks (Th / Ass)
<b>Semester I</b>			
ESC-501	Computer Programming I	03	50 (40 / 10)
ESC -502	Ecology and Natural Resource Management I	03	50 (40 / 10)
ESC -503	Environmental Remote Sensing and GIS I	03	50 (40 / 10)
ESC -504	Environmental Health and Natural Hazards I	03	50 (40 / 10)
ESC -505 (L)	Laboratory I	04	100
<b>Semester II</b>			
ESC -506	Computer Programming II	03	50 (40 / 10)
ESC -507	Ecology and Natural Resource Management II	03	50 (40 / 10)
ESC -508	Environmental Remote Sensing and GIS II	03	50 (40 / 10)
ESC -509	Environmental Health and Natural Hazards II	03	50 (40 / 10)
ESC -510 (L)	Laboratory II	04	100
<b>Semester III</b>			
ESC -601	Air Pollution and Control Technologies I	03	50 (40 / 10)
ESC -602	EIA and Waste Management I	03	50 (40 / 10)
ESC -603	Water and Waste water Treatment Technologies I	03	50 (40 / 10)
ESC -604	Global Environmental Issues I	03	50 (40 / 10)
ESC -605 (L)	Laboratory III	04	100
<b>Semester IV</b>			
ESC -606	Air Pollution and Control Technologies II	03	50 (40 / 10)
ESC -607	EIA and Waste Management II	03	50 (40 / 10)
ESC -608	Water and Waste water Treatment Technologies II	03	50 (40 / 10)
ESC -609	Global Environmental Issues II	03	50 (40 / 10)
ESC -610 (L)	Laboratory IV	04	100

**MASTER OF SCIENCE IN GEOGRAPHY (एम०एससी०- भूगोल)****Master of Arts in Geography (एम० ए० भूगोल)**

MSCGE-20/ MAGE-20

**Credits - 64**

<b>PROGRAMME STRUCTURE</b>			
Course Code	Paper name	Credits	Total Marks (Th/Ass)
<b>Semester-I</b>			
GEG-501	Evolution of Geographical Thought-I	03	50 (40 / 10)
GEG -502	Physical Geography-I	03	50 (40 / 10)
GEG -503	Principles of Economic Geography-I	03	50 (40 / 10)
GEG -504	Geography of Environment-I	03	50 (40 / 10)
GEG -505	Practical-I	04	100
<b>Semester-II</b>			
GEG -506	Evolution of Geographical Thought-II	03	50 (40 / 10)
GEG -507	Physical Geography-II	03	50 (40 / 10)
GEG -508	Principles of Economic Geography-II	03	50 (40 / 10)
GEG -509	Geography of Environment-II	03	50 (40 / 10)
GEG -510	Practical-II	04	100
<b>Semester-III</b>			
GEG -601	Geography of India-I	03	50 (40 / 10)

GEG -602	Geography of Agriculture-I	03	50 (40 / 10)
GEG -603	Political Geography-I	03	50 (40 / 10)
GEG -604	Urban Geography-I	03	50 (40 / 10)
GEG -605	Practical-I	04	100
<b>Semester-IV</b>			
GEG -606	Geography of India-II	03	50 (40 / 10)
GEG -607	Geography of Agriculture-II	03	50 (40 / 10)
GEG -608	Political Geography-II	03	50 (40 / 10)
GEG -609	Urban Geography-II	03	50 (40 / 10)
GEG -610	Practical-II	04	100

**MASTER OF SCIENCE (GEO INFORMATICS)/ M.Sc.(GEO INFORMATICS)**

MSCGIS-20

Credits-84

**MASTER OF ARTS (GEO INFORMATICS) – MA (GEO INFORMATICS)**

MAGIS-20

Credits-84

**Note: There are only two study centres (1) Model study centre 16000 & (2) Models study centre 11000 for GIS programmes.**

<b>Note - Programme Structure for MSc Geoinformatics and MA Geoinformatics is same.</b>			
<b>PROGRAMME STRUCTURE</b>			
<b>Course Code</b>	<b>Course Name</b>	<b>Credits</b>	<b>Total Marks (Th. /Assign.)</b>
<b>SEMESTER I</b>			
MGIS-501	Introduction to Informatics	04	100 (80/20)
MGIS-502	Basics of Remote Sensing & GIS	04	100 (80/20)
MGIS-503	GPS & Geodesy	04	100 (80/20)
MGIS-504	Cartography	04	100 (80/20)
Elective I	Elective I*(Only Business Communication (ME-101) is presently offered)	04	100 (80/20)
MGIS-P1	Practical	04	100

**Elective-I\***

Elective Code	Course Name	Course Code	Theory	Assignment	Total Marks	Credits	Minimum Counseling Hours
E1	Geomorphology	GE-501	80	20	100	4	12
E2	Fundamentals of Natural Resource Management	GE-502	80	20	100	4	12
E3	Introduction to Unix	CSE-101	80	20	100	4	12
E4	Business Communication	ME-101	80	20	100	4	12

<b>PROGRAMME STRUCTURE</b>			
<b>Course Code</b>	<b>Course Name</b>	<b>Credits</b>	<b>Total Marks (Th. /Assign.)</b>
<b>SEMESTER II</b>			
MGIS-505	Advance Remote Sensing	04	100 (80/20)
MGIS-506	Advance GIS	04	100 (80/20)
MP-01	Minor Project	04	100
Elective II	Elective II*(Only Organizational Behavior(ME-102) is presently offered)	04	100 (80/20)
MGIS-P2	Practical	04	100

**Elective II\***

Elective Code	Course Name	Course Code	Theory	Assignment	Total Marks	Credits	Minimum Counseling Hours
E5	Advance Geomorphology	GE-510	80	20	100	4	12
E6	Resource Management And Planning	GE-511	80	20	100	4	12
E7	Basics of Climatology	M.A./M.Sc. GE-524	80	20	100	4	12
E8	Introduction to DBMS	CSE-102	80	20	100	4	12
E9	Organizational Behavior	ME-102	80	20	100	4	12

**PROGRAMME STRUCTURE**

Course Code	Course Name	Credits	Total Marks (Th./Assign.)
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**SEMESTER III**

MGIS-601	Recent Trends in Geo-informatics	04	100 (80/20)
MGIS-602	Applications of Geo-informatics	04	100 (80/20)
FCS	Introduction to Cyber Security	04	100
Elective III	Elective III*(Only Principals of Disaster Management(GE-521) is presently offered)	04	100 (80/20)
MGIS-P3	Practical	04	100

**Elective-III\***

Elective Code	Course Name	Course Code	Theory	Assignment	Total Marks	Credits	Minimum Counseling Hours
E1	Principals of Disaster Management	GE-521	80	20	100	4	12
E2	Fundamentals of Watershed Management and Ecosystem	GE-522	80	20	100	4	12
E3	GIS in Civil Engineering	EAE-101	80	20	100	4	12
E4	Digital Image Processing	CSE-103	80	20	100	4	12

**PROGRAMME STRUCTURE**

Course Code	Course Name	Credits	Total Marks (Th./Assign.)
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**SEMESTER IV**

MGIS-603	Formulation of Project	04	100 (80/20)
MGIS-604	Research Methodology	04	100 (80/20)
Elective IV	Elective IV*(Only Managerial Accounting(ME-104) is presently offered)	04	100 (80/20)
MP-02	Major Project	08	200

**Elective-IV\***

Elective Code	Course Name	Course Code	Theory	Assignment	Total Marks	Credits	Minimum Counseling Hours
E1	Disaster Management Planning & Strategies	GE-531	80	20	100	4	12
E2	Dynamics of Watershed Management	GE-532	80	20	100	4	12
E3	Managerial Accounting	ME-104	80	20	100	4	12
E4	Geoinformatics in Transportation	EAE-104	80	20	100	4	12



**विज्ञान विद्याशाखा**  
**School of Science**

Programme name	Programme code	Eligibility	Duration (yr)		SLM	Mode of exam	Semester	Fee structure (Rs.)							
			Minimum	Maximum				Programme	Project/workshop	Exam	Practical	Viva-voce	Miscellaneous	Degree fees	Grand total
<b>Master of Science (Botany)</b>	<b>MSCBOT-20</b>	Graduation in concerned subject	2	6	English	Semester	I	4000	3000	1000	500	500	150		<b>9150</b>
							II	4000	3000	1000	500	500			<b>9000</b>
							III	4000	3000	1000	500	500			<b>9000</b>
							IV	4000	3000	1000	500	500		300	<b>9300</b>
<b>Master of Science (Mathematics)/Master of Arts (Mathematics)</b>	<b>MSCMT-20 MAMT-20</b>	Graduation from science stream with mathematics	2	6	English	Semester	I	4000		1250			150		<b>5400</b>
							II	4000		1250					<b>5250</b>
							III	4000		1250					<b>5250</b>
							IV	4000		1250				300	<b>5550</b>
<b>Master of Science (Chemistry)</b>	<b>MSCCH-20</b>	Graduation in concerned subject	2	6	English	Semester	I	4000	3000	1000	500	500	150		<b>9150</b>
							II	4000	3000	1000	500	500			<b>9000</b>
							III	4000	3000	1000	500	500			<b>9000</b>
							IV	4000	3000	1000	500	500		300	<b>9300</b>
<b>Master of Science (Physics)</b>	<b>MSCPHY-20</b>	Graduation in concerned subject	2	6	English	Semester	I	4000	3000	1000	500	500	150		<b>9150</b>
							II	4000	3000	1000	500	500			<b>9000</b>
							III	4000	3000	1000	500	500			<b>9000</b>
							IV	4000	3000	1000	500	500		300	<b>9300</b>
<b>Master of Science (Zoology)</b>	<b>MSCZO-20</b>	Graduation in concerned subject	2	6	English	Semester	I	4000	3000	1000	500	500	150		<b>9150</b>
							II	4000	3000	1000	500	500			<b>9000</b>
							III	4000	3000	1000	500	500			<b>9000</b>
							IV	4000	3000	1000	500	500		300	<b>9300</b>

**Master of Science (Botany)**

MSCBOT-20

मास्टर ऑफ साइन्स (वनस्पति विज्ञान)

Credits-64

Course Code	Paper Name	Credits	Total Marks (Th / Ass)
<b>SEMESTER I</b>			
MBOT 501	Biology and Diversity of Viruses and Bacteria	03	50 (40 / 10)
MBOT 502	Biology and Diversity of Algae	03	50 (40 / 10)
MBOT 503	Gymnosperms and Plant Anatomy	03	50 (40 / 10)
MBOT 504	Biochemistry	03	50 (40 / 10)
MBOT 505(L)	Laboratory I	04	100
<b>SEMESTER II</b>			
MBOT 506	Biology and Diversity of Fungi	03	50 (40 / 10)
MBOT 507	Biology and Diversity of Bryophyta and Pteridophyta	03	50 (40 / 10)
MBOT 508	Taxonomy of Angiosperms	03	50 (40 / 10)
MBOT 509	Plant Physiology	03	50 (40 / 10)
MBOT 510(L)	Laboratory II	04	100
<b>SEMESTER III</b>			
MBOT 601	Cell Biology and Genetics	03	50 (40 / 10)
MBOT 602	Medicinal Plants	03	50 (40 / 10)
MBOT 603	Applied Mycology	03	50 (40 / 10)
MBOT 604	Plant Molecular Biology	03	50 (40 / 10)
MBOT 605(L)	Laboratory Course- III	04	100
<b>SEMESTER IV</b>			
MBOT 606	Biostatistics and Ecology	03	50 (40 / 10)
MBOT 607	Embryology of Angiosperms	03	50 (40 / 10)
MBOT 608	Plant Pathology	03	50 (40 / 10)
MBOT 609	Biotechnology	03	50 (40 / 10)
MBOT 610(L)	Laboratory Course –IV	04	100

**Master of Science (Mathematics)**

MSCMT-20

**Master of Arts (Mathematics)**

MAMT-20

Credits-80

Course Code	Course Name	Credits	Total Marks (Th. /Assign.)
<b>SEMESTER I</b>			
MT501	Advanced Algebra-I	04	50(40/10)
MT502	Real Analysis	04	50(40/10)
MT503	Differential equation and calculus of variation	04	50(40/10)
MT504	Differential Geometry and Tensor-I	04	50(40/10)
MT505	Mechanics-I	04	50(40/10)
<b>SEMESTER II</b>			
MT506	Advanced Algebra-II	04	50(40/10)
MT507	Topology	04	50(40/10)
MT508	Special Functions	04	50(40/10)
MT509	Differential Geometry and Tensor-II	04	50(40/10)
MT510	Mechanics-II	04	50(40/10)
<b>SEMESTER III</b>			
MT601	Analysis and Advanced Calculus-I	04	50(40/10)
MT602	Viscous fluid dynamics-I	04	50(40/10)
MT603	Numerical Analysis-I	04	50(40/10)
MT604	Integral Transforms	04	50(40/10)
MT605	Mathematical Programming-I	04	50(40/10)
<b>SEMESTER IV</b>			
MT606	Analysis and Advanced Calculus-I	04	50(40/10)
MT607	Viscous fluid dynamics-II	04	50(40/10)

MT608	Numerical Analysis-II	04	50(40/10)
MT609	Integral Equations	04	50(40/10)
MT610	Mathematical Programming-II	04	50(40/10)

## Master of Science (Chemistry)

MSCCH-20

मास्टर ऑफ साइन्स (रसायन विज्ञान)

Credits-64

Course Code	Paper Name	Credits	Total Marks (Th / Ass)
<b>SEMESTER I</b>			
MCH 501	Inorganic Chemistry- I	03	50 (40 / 10)
MCH 502	Organic Chemistry- I	03	50 (40 / 10)
MCH 503	Physical Chemistry- I	03	50 (40 / 10)
MCH 504	Spectroscopy/Computers/Biology & Mathematics -I	03	50 (40 / 10)
MCH 505(L)	Laboratory Course- I	04	100
<b>SEMESTER II</b>			
MCH 506	Inorganic Chemistry- II	03	50 (40 / 10)
MCH 507	Organic Chemistry- II	03	50 (40 / 10)
MCH 508	Physical Chemistry- II	03	50 (40 / 10)
MCH 509	Spectroscopy/Computers/Biology & Mathematics II	03	50 (40 / 10)
MCH 510(L)	Laboratory Course- II	04	100
<b>SEMESTER III</b>			
MCH 601	Reaction mechanisms and Pericyclic reactions	03	50 (40 / 10)
MCH 602	Synthetic Organic Chemistry- I	03	50 (40 / 10)
MCH 603	Natural Product/ Enzyme & Biogenesis	03	50 (40 / 10)
MCH 604	Drugs and Pharmaceuticals- I	03	50 (40 / 10)
MCH 605(L)	Laboratory Course- III	04	100
<b>SEMESTER IV</b>			
MCH 606	Photochemistry & Stereochemistry	03	50 (40 / 10)
MCH 607	Synthetic Organic Chemistry- II	03	50 (40 / 10)
MCH 608	Heterocyclic Compounds and Spectroscopy III	03	50 (40 / 10)
MCH 609	Drugs and Pharmaceuticals- II	03	50 (40 / 10)
MCH 610(L)	Laboratory Course -IV	04	100

MSCPHY-20

Credits-64

## Master of Science (Physics)

मास्टर ऑफ साइन्स (भौतिक विज्ञान)

<b>PROGRAMME STRUCTURE</b>			
Course Code	Course Name	Credits	Total Marks (Th. /Assign.)
<b>Semester I</b>			
MPHY-501	Mathematical Physics	03	50 (40/10)
MPHY-502	Classical Mechanics and Numerical Methods	03	50 (40/10)
MPHY-503	Statistical Mechanics and Foundation of Quantum Mechanics	03	50 (40/10)
MPHY-504	Quantum Mechanics	03	50 (40/10)
MPHY-505 (L)	Laboratory I	04	100
<b>Semester II</b>			
MPHY-506	Elementary Solid State Physics	03	50 (40/10)
MPHY-507	Solid State Physics	03	50 (40/10)
MPHY-508	Analog Electronics	03	50 (40/10)
MPHY-509	Digital Electronics	03	50 (40/10)
MPHY-510 (L)	Laboratory II	04	100

Semester III				
MPHY-601	Nuclear Analytical Techniques	03	50 (40/10)	
MPHY-602	Nuclear Physics	03	50 (40/10)	
MPHY-603	Electrodynamics	03	50 (40/10)	
MPHY-604	Atomic and Molecular Spectroscopy	03	50 (40/10)	
MPHY-605 (L)	Laboratory III	04	100	
Semester IV				
MPHY-606	Memory Devices and 8085 Microprocessor	03	50 (40/10)	
MPHY-607	Advance Microprocessor	03	50 (40/10)	
MPHY-608	Microwave Devices	03	50 (40/10)	
MPHY-609	Communication System	03	50 (40/10)	
MPHY-610 (L)	Laboratory IV	04	100	

## Master of Science (Zoology)

MSCZO-20

मास्टर ऑफ साइन्स (जन्तु विज्ञान)

Credits-64

Course Code	Paper Name	Credits	Total Marks (Th / Ass)
SEMESTER I			
MZO 501	Animal Diversity	03	50 (40 / 10)
MZO 502	Ecology	03	50 (40 / 10)
MZO 503	Cell Biology	03	50 (40 / 10)
MZO 504	Molecular Biology	03	50 (40 / 10)
MZO 505(L)	Laboratory Course- I	04	100
SEMESTER II			
MZO 506	Animal Physiology	03	50 (40 / 10)
MZO 507	Biochemistry	03	50 (40 / 10)
MZO 508	Human Cytogenetics	03	50 (40 / 10)
MZO 509	Developmental Biology	03	50 (40 / 10)
MZO 510(L)	Laboratory Course- II	04	100
SEMESTER III			
MZO 601	Toxicology-I Fundamental of Insecticide Toxicology	03	50 (40 / 10)
MZO 602	Toxicology-II Newer Insecticide & Metabolism	03	50 (40 / 10)
MZO 603	Animal Biotechnology	03	50 (40 / 10)
MZO 604	Applied Biotechnology	03	50 (40 / 10)
MZO 605(L)	Laboratory Course- III	04	100
SEMESTER IV			
MZO 606	Immune System & Response	03	50 (40 / 10)
MZO 607	Immunotechnology	03	50 (40 / 10)
Applied Entomology (A)			
MZO 608A	General & Economic Entomology	03	50 (40 / 10)
MZO 609A	Applied Entomology	03	50 (40 / 10)
MZO 610(L)	Laboratory Course Based on Specialization –IV	04	100
OR Applied Aquaculture (B)			
MZO 611B	Fish Breeding & Production Technology	03	50 (40 / 10)
MZO 612B	Fin Fish Pathology & Disease Management	03	50 (40 / 10)
MZO 613(L)	Laboratory Course Based on Specialization –IV	04	100

**Note: The learners please note that in the fourth semester of M.Sc. Zoology they can Opted either Applied Entomology MZO 608(A),MZO 609(A) & MZO 610(L) or Applied Aquaculture MZO 611(B), MZO 612 (B) MZO 613(L).**

**नोट :** विद्यार्थी कृपया ध्यान दें की कोर्स कोड MZO607 एवं MZO608 कोर्स के साथ दो वैकल्पिक कोर्स **MZO 608(A),MZO 609(A) & MZO 610(Practical) Applied Entomology** अथवा **MZO 611(B), MZO 612 (B) MZO 613(Practical)Applied Aquaculture** कोर्स का चयन कर सकते है।