

माँ शाकुम्भरीविश्वविद्यालय, सहारनपुर
MaaShakumbhari University, Saharanpur

Post Graduation in –Geography
& Pre. Ph.D. Course – Work Programme
Curriculum & Syllabus

for


SCHOOL OF SCIENCE & ARTS GEOGRAPHY
MaaShakumbhari University, Saharanpur

and

Department of Geography Affiliated College
MaaShakumbhari University, Saharanpur

४३-२

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M.A. SHAKUMBHARI UNIVERSITY, SAHARANPUR
SYLLABUS M.A. SEMESTER -I / B.A. in Research – (SEMESTER-VII) Geography
As per NEP 2020 (w.e.f 2024-25)

YEAR	SEMESTER	COURSE CODE	COURSE TITLE/AVAIL. ADDRESS	Sem Grade	PAPER TITLE	THEORY/ PRACTICAL	CREDITS	INTERNAL MARKS	EXTERNAL MARKS	TOTAL MARKS	MINIMUM MARKS IN THEORETICAL	MINIMUM MARKS IN PRACTICAL
YEAR 4 AS PER NEP / YEAR I												
SEMESTER VII AS PER NEP 2020/SEMESTER I												
	I	CORE/ COMPLESORY	0711121	NATURAL RESOURCE MANAGEMENT	THEORY	4	25	75 (25)	100	125	40	60
	II	CORE/ COMPLESORY	0711122	HISTORY OF GEOGRAPHICAL THOUGHT	THEORY	4	25	75 (25)	100	125	40	60
	III	CORE/ COMPLESORY	0711123	ADVANCED GEOGRAPHY OF INDIA (PHYSICAL AND REGIONAL)	THEORY	4	25	75 (25)	100	125	40	60
Any One of the following:												
	IV	ELLECTIVE	0711124	1. GEOMORPHOLOGY	THEORY	4	25	75 (25)	100	125	40	60
	V	ELLECTIVE	0711125	2. BIO-GEOGRAPHY	THEORY	4	25	75 (25)	100	125	40	60
	VI	ELLECTIVE	0711126	3. GEOGRAPHY OF WATER RESOURCES	THEORY	4	25	75 (25)	100	125	40	60
	VIII	ELLECTIVE	0711165	4. PROJECT	PROJECT	4	--	100	100	100	40	60
	VII	CORE/ COMPLESORY	0711180	STATISTICAL TECHNIQUES IN GEOGRAPHY	PRACTICAL	4	--	100	100	100	40	60

राजनादेश सख्या- 2090 / 77-3-24-09(01) दिनांक 02.09.2024 के अन्तर्गत राष्ट्रीय शिक्षा नीति-2020 को कठिन्म रूपसे ध्यान के साथ ध्यानपूर्वक तन 2024-25 के लागू के लागू किया गया है, जिसके अनुसार, ऐसे विद्यार्थी जिन्होंने प्रथम 06 सेमेस्टर (स्नातक त्रिवर्षीय) में न्यूनतम 75 प्रतिशत अंक प्राप्त किये हैं वह स्नातक स्तर पर स्नातकोत्तर प्रथम वर्ष के दोनो सेमेस्टर्स में विद्यार्थी चार-चार क्रेडिट के दो कोर्स के स्थान पर एक शोध परियोजना ले सकता है। यह शोध परियोजना एक सत्रन एवं एक अत्रन सेमेस्टर के 20% कोर्स के स्थान पर लेनी होगी ना कि किसी एक सेमेस्टर के दो कोर्स के स्थान पर। स्नातक चतुर्थ वर्ष में शोध सहित उत्तीर्ण होने वाले विद्यार्थी को स्नातक (मानद स्तर सहित) की उपाधि दी जायेगी।

(Signature)

MAA SHAKUMBHARI UNIVERSITY, SAHARANPUR
SYLLABUS M.A. (GEOGRAPHY) SEMESTER-I
EFFECTIVE FROM 2024-25

B.A. in Research – (SEMESTER-VII) Geography as per NEP 2020

YEAR	SEMESTER	COURSE CODE	CORE/ ELECTIVE/ VALUE ADDED	NEP Code	CODE	PAPER TITLE	THEORY/ PRACTICAL PROJECT	CREDITS	INTERNAL MARKS	EXTERNAL MARKS (Min. Marks)	TOTAL MARKS	MINIMUM MARKS (INT.+ EXT.)	TEACHING HOURS THEORY + TUTORIAL
YEAR-4 AS PER NEP / YEAR-I		I	OPTIONAL		0118001	GEOMORPHOLOGY OR PROJECT	THEORY	4	25	75 (25)	100	40	60
		II	CORE COMPULSORY		0118002	NATURAL RESOURCE MANAGEMENT	THEORY	4	25	75 (25)	100	40	60
		III	CORE COMPULSORY		0118003	HISTORY OF GEOGRAPHICAL THOUGHT	THEORY	4	25	75 (25)	100	40	60
		IV	CORE COMPULSORY		0118004	ADVANCED GEOGRAPHY OF INDIA (PHYSICAL AND REGIONAL)	THEORY	4	25	75 (25)	100	40	60
		V	CORE ELECTIVE		0118005	BIO-GEOGRAPHY	THEORY	4	25	75 (25)	100	40	60
		VI	CORE ELECTIVE		0118006	GEOGRAPHY OF WATER RESOURCES	THEORY	4	25	75 (25)	100	40	60
		VII	CORE COMPULSORY		0118080	STATISTICAL TECHNIQUES IN GEOGRAPHY	PRACTICAL	4		75 (25)	100	40	60
		VIII	Optional		0118065	PROJECT-I OR GEOMORPHOLOGY	OPTIONAL	4		100	100	40	60
		MINOR ELECTIVE AND VALUE ADDED (FOR OTHER FACULTY)			0118050	TOURISM BUSINESS	THEORY	4	25	75 (25)	100	40	60
SEMESTER-VII AS PER NEP-2020/SEMESTER-I													

Note : First Four Theory Papers are compulsory and one theory paper can be from V and VI course can be offered. No Internal Exam in Practical

शासनादेश संख्या- 2090 / 77-3-24-09(01) दिनांक 02.09.2024 के अनुरूप राष्ट्रीय शिक्षा नीति-2020 को कतिपय संशोधन के साथ शैक्षणिक सत्र 2024-25 से लागू किया गया है, जिसके अनुसार, ऐसे विद्यार्थी जिन्होंने प्रथम 06 सेमेस्टर (स्नातक त्रिवर्षीय) में न्यूनतम 75 प्रतिशत अंक प्राप्त किये हैं वह स्नातक चतुर्थ वर्ष अथवा स्नातकोत्तर प्रथम वर्ष के दोनों सेमेस्टर्स में विद्यार्थी चार-चार क्रेडिट के दो कोर्स के स्थान पर एक शोध परियोजना ले सकता है। यह शोध परियोजना एक सत्रम एवं एक अक्टूबर सेमेस्टर के ब्योरी कोर्स के स्थान पर लेनी होगी ना कि किसी एक सेमेस्टर के दो कोर्स के स्थान पर। स्नातक चतुर्थ वर्ष में शोध सहित उत्तीर्ण होने वाले विद्यार्थी को स्नातक (मानद शोध सहित) की उपाधि दी जाएगी।



MAA SHAKUMBHARI UNIVERSITY, SAHARANPUR
SYLLABUS M.A. (GEOGRAPHY) SEMESTER-II
EFFECTIVE FROM 2024-25
B.A. in Research – (SEMESTER-VIII) Geography as per NEP 2020

YEAR	SEMESTER	COURSE CODE	CORE /ELECTIVE/ VALUE ADDED	NEP Code	CODE	PAPER TITLE	THEORY/ PRACTICAL PROJECT	CREDITS	INTERNAL MARKS	EXTERNAL MARKS (Min. Marks)	TOTAL MARKS	MINIMUM MARKS (INT + EXT.)	TEACHING HOURS THEORY + TUTORIAL	
YEAR-4 AS PER NEP / YEAR-I		SEMESTER-VIII AS PER NEP-2020/SEMESTER-II												
		IX	CORE COMPULSORY		0218001	CLIMATOLOGY AND OCEANOGRAPHY	THEORY	4	25	75 (25)	100	40	60	15
		X	CORE COMPULSORY		0218002	GEOGRAPHY OF RURAL SETTLEMENTS	THEORY	4	25	75 (25)	100	40	60	15
		XI	CORE COMPULSORY		0218003	ADVANCED GEOGRAPHY OF INDIA (SOCIO AND ECONOMIC)	THEORY	4	25	75 (25)	100	40	60	15
		XII	OPTIONAL		0218004	REGIONAL PLANNING AND DEVELOPMENT OR PROJECT	THEORY	4	25	75 (25)	100	40	60	15
		XIII	CORE ELECTIVE		0218005	GEOGRAPHY OF TRANSPORT	THEORY	4	25	75 (25)	100	40	60	15
		XIV	CORE ELECTIVE		0218006	POLITICAL GEOGRAPHY	THEORY	4	25	75 (25)	100	40	60	15
		XV	CORE COMPULSORY		0218080	ADVANCE CARTOGRAPHY	PRACTICAL	4		100	100	40	60	15
		XVI	OPTIONAL		0218065	PROJECT-II (PROJECT-I+ PROJECT-II) Or Regional Planning and Development	OPTIONAL	8		100	100	80		120
		MINOR ELECTIVE AND VALUE ADDED (FOR OTHER FACULTY)			0218050	EFFECTIVE TOURISM DEVELOPMENT & COMMUNICATION	THEORY	4	25	75 (25)	100	40	60	15

Note : First Four Theory Papers are compulsory and one theory paper can be given as an alternative.

Note : First Four Theory Papers are compulsory and one theory paper can be from V and VI course can be offered. No Internal Exam in Practical

शासनादेश संख्या- 2090 / 77-3-24-09(01) दिनांक 02.09.2024 के अनुरूप राष्ट्रीय शिक्षा नीति-2020 को कतिपय संशोधन के साथ शैक्षणिक सत्र 2024-25 से लागू से लागू किया गया है, जिसके अनुसार, ऐसे विद्यार्थी जिन्होंने प्रथम 06 सेमेस्टर (स्नातक त्रिवर्षीय) में न्यूनतम 75 प्रतिशत अंक प्राप्त किये हैं वह स्नातक चतुर्थ वर्ष अथवा स्नातकोत्तर प्रथम वर्ष के दोनों सेमेस्टर्स में विद्यार्थी चार-चार क्रेडिट के दो कोर्स के स्थान पर एक शोध परियोजना ले सकता है। यह शोध परियोजना एक सप्ताह एवं एक अष्टम सेमेस्टर के व्योशी कोर्स के स्थान पर लेनी होगी ना कि किसी एक सेमेस्टर के दो कोर्स के स्थान पर। स्नातक चतुर्थ वर्ष में शोध सहित उत्तीर्ण होने वाले विद्यार्थी को स्नातक (मानद शोध सहित) की उपाधि दी जाएगी।

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MAA SHAKUMBHARI UNIVERSITY, SAHARANPUR
SYLLABUS M.A. (GEOGRAPHY) SEMESTER -IV
EFFECTIVE FROM 2024-25

B.A. in Research – (SEMESTER-X) Geography as per NEP 2020

YEAR	SEMESTER	COURSE CODE	CORE/ ELECTIVE/ VALUE ADDED	NEP Code	CODE	PAPER TITLE	THEORY/ PRACTICAL PROJECT	CREDITS	INTERNAL MARKS	EXTERNAL MARKS (Min. Marks)	TOTAL MARKS	MINIMUM MARKS (INT. + EXT.)	TEACHING HOURS THEORY + TUTORIAL
YEAR-4 AS PER NEP / YEAR-II	SEMESTER-X AS PER NEP- 2020/SEMESTER-IV	XXV	CORE COMPULSORY		0418001	POPULATION GEOGRAPHY	THEORY	4	25	75 (25)	100	40	60
		XXVI	CORE COMPULSORY		0418002	AGRICULTURAL GEOGRAPHY	THEORY	4	25	75 (25)	100	40	60
		XXVII	CORE COMPULSORY		0418003	URBAN GEOGRAPHY	THEORY	4	25	75 (25)	100	40	60
		XXVIII	OPTIONAL		0418004	GEOGRAPHY OF TOURISM	THEORY	4	25	75 (25)	100	40	60
		XXIX	OPTIONAL		0418005	GENDER GEOGRAPHY	THEORY	4	25	75 (25)	100	40	60
		XXX	OPTIONAL		0418006	GEOGRAPHY OF HEALTH	THEORY	4	25	75 (25)	100	40	60
		XXXI	CORE COMPULSORY		0418080	REMOTE SENSING GIS AND GPS	PRACTICAL	4		75 (25)	100	40	60
		XXXII	CORE COMPULSORY		0418065	PROJECT-III + PROJECT-IV	VIVA VOCE	8		100	100	100	120

Note : First Four Theory Papers are compulsory and one theory paper can be from V and VI course can be offered. No Internal Exam in Practical

[Signature]

SCHOOL OF ARTS SCIENCE GEOGRAPHY

MAA SHAKUMBHARI UNIVERSITY, SAHARANPUR

VISION OF THE SCHOOL

To produce such academicians with morality, global competence, vision and skilled as are necessary to meet the challenges of emerging global knowledge, economy by the power of innovation, creativity and efficient learning ability.

MISSION OF THE SCHOOL

To emerge among the top institutions in India within the next ten years through applicability, humanity, implementing and operating dynamic-academic, administrative and functional processes for optimal use of available resources.

ABOUT THE SCHOOL OF SCIENCE GEOGRAPHY

The School of Geography is going to establish with the objective of promoting post-graduate studies and research in Geography. It is the base of all sciences; therefore, the importance of geography in any curriculum is self-evident. This is the single subject that is being used by all other disciplines, that is why its growth over the years has been phenomenal. In view of this, Geography at the Post-Graduate level, is one of the subjects, which is going to be introduced in the University since its inception. M.Sc./M.A. were also started from the academic session 2021-22 under the graduation program (B.Sc./B.A.) under NEP 2020 has already been started.

VISION

- Vision of the School of Science Geography, University Campus and affiliated Colleges is to create a community of Geographical learning by promoting outstanding teaching. Indian knowledge system (KS), deep understanding and creating a global centre of excellence in research for the growth of the Nation and Humanity.
- To achieve high standards of excellence in generating and propagating knowledge in Geography.
- To provide a sustainable environment for the students and researchers who can learn, teach, become innovators and use of Geography for society and humanity.

MISSION

- To provide an effective teaching learning process
- To impart world-class education in an environment of fundamental and applied research in Geography.
- To emerge as a global centre of digital learning, academic excellence and innovative research.
- To include innovative skills, teamwork and ethical practices among students so as to meet social expectations.
- To provide quality education for higher studies and competitive like CSIR-UGC, JRF/NET, GATE, SLET, Civil Services, Scientist and research programme.



M.Sc. GEOGRAPHY PROGRAMME PREREQUISITES

To study this programme a student must have/had the subject Geography at UG level.

Programme Outcomes (PO's)

- PO1: Apply knowledge of Geography in all the fields of learning including higher research and its extensions.
- PO2: Innovate, invent and solve complex environment (physical and social) problems using the knowledge of pure and applied Geography.
- PO3: Provide opportunities in higher education and development on the professional front. It also gives the opportunity for career advancement in teaching, research and industries.
- PO4: Integration of Interdisciplinary thinking and practice
- PO5: Analyse a problem identify and define the computing requirements with respect to organizational factors appropriate of its solution and plan strategies for their solution.
- PO6: Design, implement and evaluate information system, processes, components, or programs and source cost-benefit efficient alternatives to meet desired needs, goals and constraints.
- PO7: Deploy and use effective skills, tools, and techniques necessary for information systems practice.
- PO8: Most importantly, the program inculcates among the students the higher values which enable them to withstand the challenges of life.
- PO9: Deploy and use effective skills, tools, and techniques necessary for information systems practice.
- PO10: Effectively communicate about their field of expertise on their activities, with their peer and society at large. such as being able to comprehend and write effective reports and design documentation.
- PO11: To improve your own learning and performance.
- PO12: To develop abstract geography thinking.
- PO13: To acquaint the students the importance and role of geography in various sectors like social, economic planning and development.



PROGRAMME SPECIFIC OUTCOMES (PSO's)

- PO1: After successful completion of this program, the students would be able to apply knowledge of geography in all the fields of learning including higher research and its extensions.
- PO2: To provide students with knowledge and capability in formulating and analysis of geographical models of real life applications.
- PO3: To provide comprehensive curriculum to groom the students into qualitative scientific manpower.
- PO4: Carry out development work as well as take up challenges in the emerging areas of the industry.
- PO5: Demonstrate competence in using statistical and computational skills to model, formulate and solve real life applications.
- PO6: To provide students with a knowledge abilities and insight in geography and computational techniques so that they are able to work as geographical professional.
- PO7: Crack lectureship and fellowship exams approved by UGC like CSIR – NET and SET/ISRO/DRDO.
- PO8: Victorious in getting employment in different areas, such as industries laboratories. Banks Insurance Companies, Educational/Research institutions, Administrative positions, since the impact of the subject concerned is very wide.
- PO9: Encourage personality development skills like time management, crisis management, stress interviews and working as a team.
- PO10: To develop problem solving skills and apply them independently to problems in pure and applied geography.
- PO11: To assimilate complex geographical ideas and arguments.
- PO12: To improve your own learning and performance.
- PO12: To develop abstract geography thinking.

