

# **Kurukshetra University, Kurukshetra**

(Established by the State Legislature Act-XII of 1956)

("A++" Grade, NAAC Accredited)



## **Scheme of Examination for Post Graduate Programme**

### **M.Sc. Geography**

as per NEP 2020

**Curriculum and Credit Framework for Postgraduate Programme**

**With Multiple Entry-Exit, Internship and CBCS-LOCF**

**With effect from the session 2024-25 (in phased manner)**

**DEPARTMENT OF GEOGRAPHY  
FACULTY OF SCIENCE**

**KURUKSHETRA UNIVERSITY, KURUKSHETRA -136119  
HARYANA, INDIA**

  
Chairperson  
Department of Geography  
Kurukshetra University  
Kurukshetra-136119

**Programme Learning Outcomes(PLOs) for PG Programmes in Geography as per NEP-2020**

| <b>PLOs</b>  | <b>Master Degree in Geography</b>  |
|--|--|
|  | <b>After the completion of Master degree in Geography the student will be able to:</b>   |
| PLO-1: Knowledge and Understanding                         | Demonstrate the fundamental and advanced knowledge of the subject and understanding of recent developments and issues, including methods and techniques, related to the <b>Geography</b> .   |
| PLO-2: General Skills                                      | Acquire the general skills required for performing and accomplishing the tasks as expected to be done by a skilled professional in the fields of <b>Geography</b> .  |
| PLO-3: Technical/ Professional Skills                      | Demonstrate the learning of advanced cognitive technical/professional skills required for completing the specialized tasks related to the profession and for conducting and analyzing the relevant research tasks in different domains of the <b>Geography</b> .   |
| PLO-4: Communication Skills                                | Effectively communicate the attained skills of the <b>Geography</b> in well-structured and productive manner to the society at large.  |
| PLO-5: Application of Knowledge and Skills                 | Apply the acquired knowledge and skills to the problems in the subject area, and to identify and analyze the issues where the attained knowledge and skills can be applied by carrying out research investigations to formulate evidence-based solutions to complex and unpredictable problems associated with the field of <b>Geography</b> or otherwise. |
| PLO-6: Critical thinking and Research Aptitude             | Attain the capability of critical thinking in intra/inter-disciplinary areas of the <b>Geography</b> enabling to formulate, synthesize, and articulate issues for designing of research proposals, testing hypotheses, and drawing inferences based on the analysis.   |
| PLO-7: Constitutional, Humanistic, Moral Values and Ethics | Know constitutional, humanistic, moral and ethical values, and intellectual property rights to become a scholar/professional with ingrained values in expanding knowledge for the society, and to avoid unethical practices such as fabrication, falsification or misrepresentation of data or committing plagiarism.                                      |
| PLO-8: Capabilities/qualities and mindset                  | To exercise personal responsibility for the outputs of own work as well as of group/team and for managing complex and challenging work(s) that requires new/strategic approaches.  |
| PLO-9: Employability and job-ready skills                  | Attain the knowledge and skills required for increasing employment potential, adapting to the future work and responding to the rapidly changing demands of the employers/industry/society with time.  |

  
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Scheme of Examination for Postgraduate Programme Geography  
as per NEP 2020 Curriculum and Credit Framework for Postgraduate Programmes  
(CBCS LOCF) with effect from the session 2024-25 (in phased manner)

### Framework-2 Scheme-Q

| Semester | Course Type | Course Code | Nomenclature of course                     | Theory (T)/ Practical (P) | Credits | Contact hours per week |   |   |       | Internal Assessment Marks | End Term Examination Marks | Total Marks | Examination hours |   |
|----------|-------------|-------------|--|---------------------------|---------|------------------------|---|---|-------|---------------------------|----------------------------|-------------|-------------------|---|
|          |             |             |  |                           |         | L                      | T | P | Total |                           |                            |             |                   |   |
| 1        | CC-1        | M24-GEO-101 | Geography and Climate                      | T                         | 4       | 26                     | 4 | 0 | 0     | 4                         | 30                         | 70          | 100               | 3 |
|          | CC-2        | M24-GEO-102 | Landforms: Processes, Structure and Origin | T                         | 4       |                        | 4 | 0 | 0     | 4                         | 30                         | 70          | 100               | 3 |
|          | CC-3        | M24-GEO-103 | Geography and World Economies              | T                         | 4       |                        | 4 | 0 | 0     | 4                         | 30                         | 70          | 100               | 3 |
|          | CC-4        | M24-GEO-104 | Physical and Economic Geography of India   | T                         | 4       |                        | 4 | 0 | 0     | 4                         | 30                         | 70          | 100               | 3 |
|          | CC-5        | M24-GEO-105 | Quantitative Methods in Geography          | T                         | 4       |                        | 4 | 0 | 0     | 4                         | 30                         | 70          | 100               | 3 |

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|---|------------|---------------|---|---|---|----|---|---|---|---|----|----|-----|---|
|   | PC-1       | M24-GEO - 106 | Advanced Cartography  | P | 4 |    | 0 | 0 | 8 | 8 | 30 | 70 | 100 | 4 |
|   | SEM        | M24-GEO - 107 | Seminar   | S | 2 |    | 0 | 0 | 0 | 2 | 0  | 50 | 50  | 1 |
| 2 | CC-6       | M24-GEO - 201 | Geography in Hazard Management  | T | 4 | 26 | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   | CC-7       | M24-GEO - 202 | Research Methodology in Geography   | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   | CC-8       | M24-GEO - 203 | Geography of Agriculture and Food Security  | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   | CC-9       | M24-GEO - 204 | Population Dynamics and Policies  | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   | CC-10      | M24-GEO - 205 | Project Report Based on Field Survey  | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   | PC-2       | M24-GEO - 206 | Morphometric Analysis   | P | 4 |    | 0 | 0 | 0 | 8 | 30 | 70 | 100 | 4 |
|   | CHM        | M24-CHM-201   | Constitutional, Human and Moral Values and IPR  | T | 2 |    | 2 | 0 | 0 | 2 | 15 | 35 | 50  | 3 |
|   | Internship | M24-INT-200   | An internship course of 4 Credits of 4-6 weeks duration during summer vacation after IInd semester is to be |   |   |    |   |   |   |   | 50 | 50 | 100 |   |

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|---|-------|-------------|---|---|---|----|---|---|---|---|----|----|-----|---|
|   |       |             | completed by every student. Internship can be either for enhancing the employability or for developing the research aptitude. |   |   |    |   |   |   |   |    |    |     |   |
| 3 | CC-11 | M24-GEO-301 | Geography and Ecosystem   | T | 4 | 26 | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   | CC-12 | M24-GEO-302 | Regional Development and Planning with Special Reference to India   | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   | DEC-1 | M24-GEO-303 | Coastal Geomorphology   | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   |       | M24-GEO-304 | Fluvial Geomorphology   | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   |       | M24-GEO-305 | Arid Geomorphology  | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   |       | M24-GEO-306 | MOOC/SWAYAM   | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   | DEC-2 | M24-GEO-307 | Urban Geography   | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   |       | M24-GEO-308 | Glacial Geomorphology   | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |

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|---|-------|---------------|--|---|---|----|---|---|---|---|----|----|-----|---|
|   |       | M24-GEO - 309 | Geography of Rural Settlements                   | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   |       | M24-GEO - 310 | MOOC/SWAYAM                                      | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   | DEC-3 | M24-GEO - 311 | Geography of Trade and Transport                 | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   |       | M24-GEO - 312 | Political Geography                              | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   |       | M24-GEO - 313 | Social Geography with Special Reference to India | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   |       | M24-GEO - 314 | MOOC/SWAYAM                                      | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   | PC-3  | M24-GEO - 315 | Remote Sensing and Digital Image Processing      | P | 4 |    | 0 | 0 | 8 | 8 | 30 | 70 | 100 | 4 |
|   | OEC   | M24-OEC - 317 | Climate Change and Earth Systems                 | T | 2 |    | 2 | 0 | 0 | 2 | 15 | 35 | 50  | 3 |
| 4 | CC-13 | M24-GEO - 401 | Geographical Thought                             | T | 4 | 26 | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|   | CC-14 | M24-GEO - 402 | Hydrology and Oceanography                       | T | 4 |    | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |

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|-------|---------------|---------------------------------------|---|---|---|---|---|---|----|----|-----|---|
| DEC-4 | M24-GEO - 403 | Soil Geography                        | T | 4 | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|       | M24-GEO - 404 | Geography of Health                   | T | 4 | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|       | M24-GEO - 405 | Tropical Climatology                  | T | 4 | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|       | M24-GEO - 406 | MOOC/SWAYAM                           | T | 4 | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
| DEC-5 | M24-GEO - 407 | Geography of Tourism                  | T | 4 | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|       | M24-GEO - 408 | Gender Geography                      | T | 4 | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|       | M24-GEO - 409 | Urbanization in India                 | T | 4 | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|       | M24-GEO - 410 | MOOC/SWAYAM                           | T | 4 | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
| DEC-6 | M24-GEO - 411 | Techniques in Environmental Geography | T | 4 | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|       | M24-GEO - 412 | Geography of Water Resources          | T | 4 | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |

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|-------|---------------|--|---|---|--|---|---|---|---|----|----|-----|---|
|       | M24-GEO - 413 | Geography and Watershed Management                   | T | 4 |  | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|       | M24-GEO - 414 | MOOC/SWAYAM  | T | 4 |  | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
| PC-4  | M24-GEO - 415 | Geographical Information System and Spatial Analysis | P | 4 |  | 0 | 0 | 0 | 8 | 30 | 70 | 100 | 4 |
| EEC   | M24-GEO - 416 | Geo-spatial Analysis in Geography                    | T | 2 |  | 2 | 0 | 0 | 2 | 15 | 35 | 50  | 3 |
| OR    |               |  |   |   |  |   |   |   |   |    |    |     |   |
| CC-13 | M24-GEO - 401 | Geographical Thought                                 | T | 4 |  | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
| DEC-4 | M24-GEO - 403 | Soil Geography                                       | T | 4 |  | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|       | M24-GEO - 404 | Geography of Health                                  | T | 4 |  | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|       | M24-GEO - 405 | Tropical Climatology                                 | T | 4 |  | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |
|       | M24-GEO - 406 | MOOC/SWAYAM  | T | 4 |  | 4 | 0 | 0 | 4 | 30 | 70 | 100 | 3 |

  
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|---------------------------|---------------|-----------------------------------|---|----|--|---|---|---|----|----|-----|-----|---|
| DEC-5                     | M24-GEO - 407 | Geography of Tourism              | T | 4  |  | 4 | 0 | 0 | 4  | 30 | 70  | 100 | 3 |
|                           | M24-GEO - 408 | Gender Geography                  | T | 4  |  | 4 | 0 | 0 | 4  | 30 | 70  | 100 | 3 |
|                           | M24-GEO - 409 | Urbanization in India             | T | 4  |  | 4 | 0 | 0 | 4  | 30 | 70  | 100 | 3 |
|                           | M24-GEO - 410 | MOOC/SWAYAM                       | T | 4  |  | 4 | 0 | 0 | 4  | 30 | 70  | 100 | 3 |
| EEC                       | M24-GEO - 416 | Geo-spatial Analysis in Geography | T | 2  |  | 2 | 0 | 0 | 2  | 15 | 35  | 50  | 3 |
| Dissertation/Project work | M24-GEO - 417 |                                   | D | 12 |  | 0 | 0 | 0 | 12 | 0  | 300 | 300 |   |

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