

# IGNOU REGIONAL CENTRE, BHOPAL

LEARNER SUPPORT CENTRE-15260, CAREER COLLEGE, GOVINDPURA, BHIL, BHOPAL

PRACTICAL COURSE SCHEDULE FOR MASTER OF SCIENCE (ENVIRONMENTAL SCIENCE) (MEV -011) PROGRAMME

SESSION - TEE JUNE 2025

| S. No. | Date       | Time               | Experiment  | Academic Counsellor      |
|--------|------------|--------------------|---|--------------------------|
| 1      | 29.08.2025 | 09.00AM to 01.00PM | i) Determination of Minimum size of the quadrat by species area curve method ii) Determination of Frequency of species by line transect method and point frame method   | Dr. Ruchi Acharya        |
| 2      | 29.08.2025 | 02.00PM to 06.00PM | i) Estimation of net primary productivity by harvest method in grass land eco system ii) Determination of relative frequency density and abundance of different species present in the community and the calculation of IVI | Dr. Ruchi Acharya        |
| 3      | 30.08.2025 | 09.00AM to 01.00PM | Estimation of net primary productivity using light and dark bottle in aquatic ecosystem. Weather monitoring and data analysis   | Dr. Bhawna Sharma        |
| 4      | 30.08.2025 | 02.00PM to 06.00PM | i) Determination of standing crop and biomass in sterile ecosystem ii) Study of the biotic and abiotic of an aquatic ecosystem  | Dr. Ruchi Dubey          |
| 5      | 01.09.2025 | 09.00AM to 01.00PM | i) Preparation of the station based wind rose for an area ii) Aerial photograph interpretation  | Dr. Shweta Sharma        |
| 6      | 01.09.2025 | 02.00PM to 06.00PM | i) Determination of soil pH and electrical conductivity ii) Determination of soil organic carbon  | Dr. Shweta Sharma        |
| 7      | 02.09.2025 | 09.00AM to 01.00PM | Determination of total Kjeldahl Nitrogen in Rogan and ammoniacal Nitrogen   | Dr. Ruchi Dubey          |
| 8      | 02.09.2025 | 02.00PM to 06.00PM | Study of soil profile and physical character is tics of soil  | Dr. Anita K              |
| 9      | 03.09.2025 | 09.00AM to 01.00PM | Identification of igneous sedimentary and metamorphic   | Dr. Anita K              |
| 10     | 03.09.2025 | 02.00PM to 06.00PM | Preparation of climatic map and diagram   | Dr. Peenu Mahendra Joshi |
| 11     | 04.09.2025 | 09.00AM to 01.00PM | Estimation of bio diversity indices Measures of central tendency  | Dr. Rakhi Saxena         |
| 12     | 04.09.2025 | 02.00PM to 06.00PM | Measures of dispersions skewness and kurtosis   | Dr. Rakhi Saxena         |
| 13     | 06.09.2025 | 09.00AM to 01.00PM | Practical Exam and Viva   |                          |
| 14     | 06.09.2025 | 02.00PM to 06.00PM |   |                          |

Dr. Subash Ranjan Nayak  
Deputy Director

Dr. Anita K  
Name and signature of the LSC Coordinator