

SESSION – TEEDEC. 2025

IGNOU REGIONAL CENTRE, BHOPAL
LEARNER SUPPORT CENTRE- 15260, CAREER COLLEGE, GOVINDPURA, BHEL, BHOPAL
PRACTICAL COUNSELLING SCHEDULE FOR MSCENV PROGRAMME
COURSE CODE: MEVL – 011

| Sl. No. | Date | Time | Experiment | Academic counsellor |
|---------|----------|----------------------|---|---------------------|
| 1. | 10/04/26 | 09:00 AM to 01:00 PM | Determination of Minimum size of the quadrat by species area curve method, Determination of Frequency of species by line transect method and point frame method | Dr. Ruchi Acharya |
| 2. | 10/04/26 | 02:00 to 06:00 PM | Estimation of net primary productivity by harvest method in grassland ecosystem, Determination of relative frequency density and abundance of different species present in the community and the calculation of IVI | Dr. Ruchi Acharya |
| 3. | 11/04/26 | 09:00 AM to 01:00 PM | Estimation of net primary productivity using light and dark bottle in aquatic ecosystem, Whether monitoring and data analysis | Dr. Bhawna Sharma |
| 4. | 11/04/26 | 02:00 to 06:00 PM | Determination of standing crop and bio mass in terrestrial ecosystem, Study of the abiotic and biotic of an aquatic ecosystem | Dr. Bhawna Sharma |
| 5. | 13/04/26 | 09:00 AM to 01:00 PM | Preparation of the station based wind rose for an area, Aerial photograph interpretation | Dr. Peenu M. Joshi |
| 6. | 13/04/26 | 02:00 to 06:00 PM | Determination of soil PH and electrical conductivity, Determination of soil organic carbon | Dr. Peenu M. Joshi |
| 7. | 15/04/26 | 09:00 AM to 01:00 PM | Determination of total kjeldahl nitrogen and ammonical nitrogen | Dr. Anita K. |
| 8. | 15/04/26 | 02:00 to 06:00 PM | Study of soil profile and physical characteristics of soil | Dr. Anita K. |
| 9. | 16/04/26 | 09:00 AM to 01:00 PM | Identification of igneous sedimentary and metamorphic | Dr. Anita K. |
| 10. | 16/04/26 | 02:00 to 06:00 PM | Preparation of climatic map and diagram | Dr. Anita K. |
| 11. | 17/04/26 | 09:00 AM to 01:00 PM | Estimation of bio diversity indices | Dr. Ruchi Acharya |
| 12. | 17/04/26 | 02:00 to 06:00 PM | Measures of central tendency, measures of dispersion skewness and kurtosis | Dr. Raki Saxena |
| 13. | 18/04/26 | 09:00 AM to 05:00 PM | Practical Examination | |



Signature
Dr. Anita K
LSC Coordinator




Signature
Dr. Smriti Gargava,
DD IGNOU RC Bhopal



Signature
Dr. Anshuman Upadhyaya
Additional Director, IGNOU RC, Bhopal

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| Sl. No. | Date | Time | Experiment | Academic counsellor |
|---------|----------|----------------------|---|---------------------|
| 1. | 27/04/26 | 09.00 AM to 01.00 PM | Determination of Electrical conductance of a water sample | Dr. Anita K |
| 2. | 27/04/26 | 02:00 to 06:00 PM | Determination of hardness in water sample | Dr. Anita K |
| 3. | 28/04/26 | 09.00 AM to 01.00 PM | Determination of total solids and total dissolve solids in water Determination of turbidity in water | Dr. Anita K |
| 4. | 28/04/26 | 02:00 to 06:00 PM | Determination of dissolve oxygen in water | Dr. Anita K |
| 5. | 29/04/26 | 09.00 AM to 01.00 PM | Determination of biological oxygen demand in water Determination of nitrate nitrogen in water | Dr. Anita K |
| 6. | 29/04/26 | 02:00 to 06:00 PM | Determination of COD in water Determination of alkalinity in water | Dr. Anita K |
| 7. | 30/04/26 | 09.00 AM to 01.00 PM | Determination of acidity in water Determination of oil and grease in water | Dr. Shweta Sharma |
| 8. | 30/04/26 | 02:00 to 06:00 PM | Determination of chloride in water sample | Dr. Shweta Sharma |
| 9. | 01/05/26 | 09.00 AM to 01.00 PM | Determination of residual chlorine in water | Dr. Ruchi Dubey S. |
| 10. | 01/05/26 | 02:00 to 06:00 PM | Determination of fluoride in water Determination of phosphate in water | Dr. Ruchi Dubey S. |
| 11. | 02/05/26 | 09.00 AM to 01.00 PM | Determination of sulphates in water | Dr. Ruchi Dubey S. |
| 12. | 02/05/26 | 02:00 to 06:00 PM | | |
| 13. | 04/05/26 | 09.00 AM to 05.00 PM | Practical Examination | |

Signature

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PRACTICAL COUNSELLING SCHEDULE FOR MSCENV PROGRAMME
COURSE CODE: MEVL – 013**

| Sl. No. | Date | Time | Experiment | Academic counsellor |
|---------|----------|----------------------|--|---------------------|
| 1. | 05/05/26 | 09.00 AM to 01.00 PM | Sterilization, Media Preparation and Isolation of Pure Culture | Dr. Reena Antony |
| 2. | 05/05/26 | 02:00 to 06:00 PM | Determination of Gram Staining of Bacterial Sample | Dr. Reena Antony |
| 3. | 06/05/26 | 09.00 AM to 01.00 PM | Isolation and Characterization of Bacteria from Soil Samples | Dr. Reena Antony |
| 4. | 06/05/26 | 02:00 to 06:00 PM | Isolation and Characterization of Actinomycetes from Soil Samples | Dr. Reena Antony |
| 5. | 07/05/26 | 09.00 AM to 01.00 PM | Isolation of Pure Culture by Streak Plate Method and Spread Plate Method | Dr. Reena Antony |
| 6. | 07/05/26 | 02:00 to 06:00 PM | Isolation and Characterization of Fungi from Soil Samples | Dr. Reena Antony |
| 7. | 08/05/26 | 09.00 AM to 01.00 PM | Determination of Metabolic Activities of Bacteria through Biochemical Tests, Determination of Biological Activity of Soil by Dehydrogenase Assay | Dr. Ruchi Acharya |
| 8. | 08/05/26 | 02:00 to 06:00 PM | Isolation of Bio-Surfactant Producing Bacteria from Environmental Samples | Dr. Ruchi Acharya |
| 9. | 09/05/26 | 09.00 AM to 01.00 PM | Detection of Coliform in Water Samples by Membrane Filter Technique | Dr. Anita K. |
| 10. | 09/05/26 | 02:00 to 06:00 PM | Determination of Effect of Industrial Effluents on Seed Germination and Seeding Growth of Rice and Wheat | Dr. Anita K. |
| 11. | 11/05/26 | 09.00 AM to 01.00 PM | Composing of Biodegradable Waste and determination of compost quality | Dr. Anita K. |
| 12. | 11/05/26 | 02:00 to 06:00 PM | Determination of Alcoholic fermentation of Grape Juice by Saccharomyces cerevisiae, Separation of Amino Acids by Thin Layer Chromatography | Dr. Anita K. |
| 13. | 12/05/26 | 09.00 AM to 05.00 PM | Determination of Sodium and Potassium in Water Using Flame Photometer Practical Examination | Dr. Anita K. |

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