

**IGNOU MSC(Environment) Practical Schedule at Department of Environmental Science -
cum-Work Centre IGNOU
Dr. YS Parmar University of Horticulture & Forestry,
Nauni-173 230, Distt. Solan (H.P.)**

Seventh Batch----MSCENV - 1st Year - Lab Course(S) MEVL011L & MEVL012 L

Seventh Batch:- MEVL011L :- 23rd July, 2026 to 05th August, 2026

Venue: Department of Environmental Science, Dr YSP UHF, Nauni, Solan

Day	Date	Practical exercise	Theory	Hand on Exercises/ Lab Practical
1	23/07/2026	✓ Introduction to sampling techniques of air, water and soil for determination of pollutants.	Morning Session (9:30 am -1:30 pm)	Evening Session (2:00 -6:00 pm)
2	24/07/2026	✓ Determination of frequency of species by line transect method and point frame method ✓ Determination of Relative Density, Frequency and Abundance of different species present in community and calculation of IVI		
3	25/07/2026	✓ Measures of central tendency, dispersion, skewness and kurtosis ✓ Correlation and regression analysis; analysis of variance		
4	26/07/2026	✓ Determination of standing crop and biomass in Terrestrial ecosystem ✓ Determination of minimum size of the quadrat by 'species-area-curve' method		
5	27/07/2026	✓ Study on the abiotic and biotic components of an aquatic ecosystem		
6	28/07/2026	✓ Estimation of net primary productivity by harvest method in grassland ecosystem		
7	29/07/2026	✓ Estimation of net primary productivity using light and dark bottle method in aquatic ecosystem		
8	30/07/2026	✓ Estimation of biodiversity indices ✓ Weather monitoring and data analysis		
9	31/07/2026	✓ Study on soil profile and physical characteristics of soil		
10	01/08/2026	✓ Determination of soil organic carbon		
11	02/08/2026	✓ Determination of available Nitrogen in soil		
12	03/08/2026	✓ Preparation of climatic maps and diagram ✓ Identification of Igneous, Sedimentary and Metamorphic rocks		
13	04/08/2026	✓ Determination of soil moisture content ✓ Determination of soil pH and electrical conductivity		
14	05/08/2026	✓ Preparation of station based wind rose ✓ Arial photographs interpretations		

**Proposed schedule for conducting practical Examination for the course MEVL 012, Lab course-2,
Environmental Science w.e.f 06th August, 2026 to 19th August 2026**

(Seventh Batch)

Venue: Department of Environmental Science, Dr YSP UHF, Nauni, Solan

Day	Date	Practical Exercise	Theory	Hand on Exercises/ Lab Practical
1	06/08/2026	✓ Determination of Electrical Conductance of a Water Sample	Morning Session (9:30 am -1:30 pm)	Evening Session (2:00 -6:00 pm)
2	07/08/2026	✓ Determination of pH of a Water Sample		
3	08/08/2026	✓ Determination of Turbidity in Water		
4	09/08/2026	✓ Determination of Total Solids and Total Dissolved Solids in Water ✓ Determination of Hardness in Water Sample		
5	10/08/2026	✓ Determination of Biological Oxygen Demand in Water		
6	11/08/2026	✓ Determination of Dissolved Oxygen in Water		
7	12/08/2026	✓ Determination of Chemical Oxygen Demand in Water		
8	13/08/2026	✓ Determination of Chloride in Water Samples ✓ Determination of Residual Chlorine in Water		
9	14/08/2026	✓ Determination of Sulphates in Water		
10	15/08/2026	✓ Determination of Phosphate in Water		
11	16/08/2026	✓ Determination of Nitrate Nitrogen in water sample		
12	17/08/2026	✓ Determination of Nitrite Nitrogen in water sample		
13	18/08/2026	✓ Determination of Fluoride in Water		
14	19/08/2026	✓ Determination of Oil and Grease in Water		