

**IGNOU MSC(Environment) Practical Schedule at Department of Environmental
Science -cum-Work Centre IGNOU
Dr. YS Parmar University of Horticulture & Forestry,
Nauni-173230, Distt. Solan (H.P.)**

MEVL 011, Lab course-1, Environmental Science w.e.f 6th May to 19nd Mays, 2026

(Sixth Batch)

Day	Date	Practical exercise	Theory	Hand on Exercises/ Lab Practical
1	6/05/2026	✓ 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	7/05/2026	✓ 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	8/05/2026	✓ Measures of central tendency, dispersion, skewness and kurtosis ✓ Correlation and regression analysis; analysis of variance		
4	9/05/2026	✓ Determination of standing crop and biomass in Terrestrial ecosystem ✓ Determination of minimum size of the quadrat by 'species-area-curve' method		
5	10/05/2026	✓ Study on the abiotic and biotic components of an aquatic ecosystem		
6	11/05/2026	✓ Estimation of net primary productivity by harvest method in grassland ecosystem		
7	12/05/2026	✓ Estimation of net primary productivity using light and dark bottle method in aquatic ecosystem		
8	13/05/2026	✓ Estimation of biodiversity indices ✓ Weather monitoring and data analysis		
9	14/05/2026	✓ Study on soil profile and physical characteristics of soil		
10	15/05/2026	✓ Determination of soil organic carbon		
11	16/05/2026	✓ Determination of available Nitrogen in soil		
12	17/05/2026	✓ Preparation of climatic maps and diagram ✓ Identification of Igneous, Sedimentary and Metamorphic rocks		
13	18/05/2026	✓ Determination of soil moisture content ✓ Determination of soil pH and electrical conductivity		
14	19/05/2026	✓ 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 20th May to 2nd June, 2026**

(Sixth Batch)

Day	Date	Practical Exercise	Theory	Hand on Exercises/ Lab Practical
1	20/05/2026	✓ Determination of Electrical Conductance of a Water Sample	Morning Session (9:30 am -1:30 pm)	Evening Session (2:00 -6:00 pm)
2	21/05/2026	✓ Determination of pH of a Water Sample		
3	22/05/2026	✓ Determination of Turbidity in Water		
4	23/05/2026	✓ Determination of Total Solids and Total Dissolved Solids in Water ✓ Determination of Hardness in Water Sample		
5	24/05/2026	✓ Determination of Biological Oxygen Demand in Water		
6	25/05/2026	✓ Determination of Dissolved Oxygen in Water		
7	26/05/2026	✓ Determination of Chemical Oxygen Demand in Water		
8	27/05/2026	✓ Determination of Chloride in Water Samples ✓ Determination of Residual Chlorine in Water		
9	28/05/2026	✓ Determination of Sulphates in Water		
10	29/05/2026	✓ Determination of Phosphate in Water		
11	30/05/2026	✓ Determination of Nitrate Nitrogen in water sample		
12	31/05/2026	✓ Determination of Nitrite Nitrogen in water sample		
13	1/06/2026	✓ Determination of Fluoride in Water		
14	2/06/2026	✓ Determination of Oil and Grease in Water		