

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.)				
Second Batch (Information related to subsequent batches will be issued in due course)				
MSCENV	-	1st Year	-	Lab Course(S) MEVL011L & MEVL012 L
Second Batch (17th September, 2025 to 14th October, 2025)				

Second Batch- MEVL 011- 17th September, 2025 to 30th September, 2025

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

Day	Date	Practical exercise	Theory	Hand on Exercises/ Lab Practical
1	17/09/2025	✓ 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	18/09/2025	✓ 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	19/09/2025	✓ Measures of central tendency, dispersion, skewness and kurtosis ✓ Correlation and regression analysis; analysis of variance		
4	20/09/2025	✓ Determination of standing crop and biomass in Terrestrial ecosystem ✓ Determination of minimum size of the quadrat by 'species-area-curve' method		
5	21/09/2025	✓ Study on the abiotic and biotic components of an aquatic ecosystem		
6	22/09/2025	✓ Estimation of net primary productivity by harvest method in grassland ecosystem		
7	23/09/2025	✓ Estimation of net primary productivity using light and dark bottle method in aquatic ecosystem		
8	24/09/2025	✓ Estimation of biodiversity indices ✓ Weather monitoring and data analysis		
9	25/09/2025	✓ Study on soil profile and physical characteristics of soil		
10	26/09/2025	✓ Determination of soil organic carbon		
11	27/09/2025	✓ Determination of available Nitrogen in soil		

12	28/09/2025	✓ Preparation of climatic maps and diagram ✓ Identification of Igneous, Sedimentary and Metamorphic rocks		
13	29/09/2025	✓ Determination of soil moisture content ✓ Determination of soil pH and electrical conductivity		
14	30/09/2025	✓ Preparation of station based wind rose ✓ Arial photographs interpretations		

(Second Batch)- MEVL 012- 1st October, 2025 to 14th October, 2025
Venue: Department of Environmental Science, Dr YSP UHF, Nauni, Solan

Day	Date	Practical Exercise	Theory	Hand on Exercises/ Lab Practical
1	01/10/2025	✓ Determination of Electrical Conductance of a Water Sample	Morning Session (9:30 am -1:30 pm)	Evening Session (2:00 -6:00 pm)
2	02/10/2025	✓ Determination of pH of a Water Sample		
3	03/10/2025	✓ Determination of Turbidity in Water		
4	04/10/2025	✓ Determination of Total Solids and Total Dissolved Solids in Water ✓ Determination of Hardness in Water Sample		
5	05/10/2025	✓ Determination of Biological Oxygen Demand in Water		
6	06/10/2025	✓ Determination of Dissolved Oxygen in Water		
7	07/10/2025	✓ Determination of Chemical Oxygen Demand in Water		
8	08/10/2025	✓ Determination of Chloride in Water Samples ✓ Determination of Residual Chlorine in Water		
9	09/10/2025	✓ Determination of Sulphates in Water		
10	10/10/2025	✓ Determination of Phosphate in Water		
11	11/10/2025	✓ Determination of Nitrate Nitrogen in water sample		
12	12/10/2025	✓ Determination of Nitrite Nitrogen in water sample		
13	13/10/2025	✓ Determination of Fluoride in Water		
14	14/10/2025	✓ Determination of Oil and Grease in Water		