

IGNOU, LSC-0601

OFFLINE PRACTICAL SCHEDULE M.Sc. ENVIRONMENT (MSCENV) for LSC-0601
Students

MEVL011 (SEMESTER 1) for Session- (Jan-2024, July 2024) and previous session students who have not attend of MEVL011

**Address: Department of Environment Studies
Sector-14 Panjab University, Chandigarh**

ME: Morning Session: 9.00 am to 1.00pm; Lunch break: 1.00 pm to 2.00pm; Evening session: 2.00pm to 5.00pm

MEVL 011- PRACTICAL DETAILS			DATE
I. Exercises based on habitat and biodiversity indices			
1.	EXP.1	Determination of the minimum size of the quadrat by the 'species-area curve' method	Saturday, February 08, 2025
2.	EXP.2	Determination of frequency of species by line transect method and point frame method	
3.	EXP.3	Determination of relative frequency, density and abundance of different species present in the community and calculation of importance value index (IVI)	Sunday, February 09, 2025
4.	EXP.4	Determination of standing crop and biomass in terrestrial ecosystem.	
II. Exercises on abiotic and biotic components and productivity			
5.	EXP.5	Study of the abiotic and biotic components of an aquatic ecosystem.	Saturday, February 15, 2025
6.	EXP.6	Estimation of net primary productivity by harvest method in a grassland ecosystem.	
7.	EXP.7	Estimation of net primary productivity using light and dark bottle method in the aquatic ecosystem.	Sunday, February 16, 2025
8.	EXP.8	Estimation of biodiversity indices.	
UNGUIDED PARACTICAL 1			February 22 & 23, 2025
V. Exercises based on different statistical analysis			
9.	EXP.19	Measures of central tendency, measures of dispersion, skewness, and kurtosis.	Saturday, March 01, 2025
10.	EXP.20	Correlation and regression analysis; analysis of variance.	
11.	EXP.17	Determination of soil organic carbon.	Sunday March 02, 2025
12.	EXP.18	Determination of total Kjeldahl Nitrogen (tkn) and ammonical nitrogen.	

	III. Exercises on weather and climate analysis		
13.	EXP.9	Weather monitoring and data analysis.	Saturday, March 08, 2025
14.	EXP.10	Preparation of climatic maps and diagrams.	
15.	EXP.11	Preparation of the station-based wind rose for an area	Sunday, March 09, 2025
16.	EXP.12	Aerial photograph interpretation.	
	IV. Exercises based on rocks and soil analysis		
17.	EXP.13	Identification of igneous, sedimentary, and metamorphic rocks.	Saturday, March 15, 2025
18.	EXP.14	Study of the soil profile and physical characteristics of soil.	
19.	EXP.15	Determination of soil moisture content.	Sunday, March 16, 2025
20.	EXP.16	Determination of soil pH and electrical conductivity.	
	UNGUIDED PARACTICAL 2		March, 22, 23 & 29

For **LSC-0601, UIET PU CHD**