

PRACTICAL SCHEDULE M.Sc. ENVIRONMENT (MSCENV)-2026

MEVL013 (SEMESTER 2)

TIME: 3:00 PM to 5:00 PM

Venue: Lab 322, Second Floor, Block -I , UIET, Panjab University Sector 25, Chandigarh

MEVL 013- Practical Details			Date
1.	EXP.1	Sterilization, Media Preparation and Isolation of Pure Culture	August 1, 2026
2.	EXP.2	Determination of Gram Staining of Bacterial Sample	
3.	EXP.3	Isolation and Characterization of Bacteria from Soil Samples	August 2, 2026
4.	EXP.4	Isolation and Characterization of Actinomycetes from Soil Samples	
	I. UNGUIDED PARACTICAL 1		August 8 and 9 2026
5.	EXP.5	Isolation of Pure Culture by streak Plate Method, Pour Plate Method and Spread Plate Method.	August 15, 2026
6.	EXP.6	Isolation and Characterization of Fungi from Soil Samples	
7.	EXP.7	Determination of Metabolic Activities of Bacteria through Biochemical Tests	August 16, 2026
8.	EXP.8	Determination of Biological Activity of Soil by Dehydrogenase Assay	
	II. UNGUIDED PARACTICAL 2		August 22 and 23, 2026
9.	EXP.9	Isolation of Bio-Surfactant Producing Bacteria from Environmental Samples	August 29, 2026
10.	EXP.10	Isolation and Enumeration of Air Borne Microorganisms by All Glass Impinger Technique	
11.	EXP.11	Determination of Coliform in Water Samples by Membrane Filter Technique	August 30, 2026
12.	EXP.12	Determination of Effect of Industrial Effluents on Seed Germination and Seedling Growth of Rice and Wheat	
	III. UNGUIDED PARACTICAL 3		September 5 and 6, 2026
13.	EXP.13	Composting of Biodegradable Waste and determination of compost quality	September 6, 2026
14.	EXP.14	Determination of Pesticides in Environmental Samples Using Gas Chromatography	
15.	EXP.15	Determination of Biogas Production from Organic Waste by Liquid Displacement Method	September 12 and 13, 2026
16.	EXP.16	Determination of Trace Metals in Environmental Samples using Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES)	
	IV. UNGUIDED PARACTICAL 4		September 19 and 20, 2026
17.	EXP.17	Determination of Alcoholic fermentation from Grape Juice by <i>Sacchomyces cerevisiae</i>	September 26, 2026
18.	EXP.18	Separation of Amino Acids by Thin Liquid Chromatography	
19.	EXP.19	Determination of Sodium and Potassium in Water Using Flame Photometer	September 27, 2026

20.	EXP.20	Determination of Suspended Particulate Matter (SPM) in Ambient Air Using High Air Sampler (HVS)	
	V. UNGUIDED PARACTICAL 5		October 3 and 4, 2026
	FINAL PRACTICAL EXAM		October 11, 2026 (10 AM)