

OFFLINE TENTATIVE PRACTICAL SCHEDULE IGNOU M.Sc. ENVIRONMENT (MSCENV)

Venue: Department Of Environment Studies, Panjab University, Chandigarh

SEMESTER 2

MEVL 012- Practical Details			Date
I.			
1.	EXP.1	Determination of Electrical Conductance of aWater Sample.	Saturday, March 16, 2024
2.	EXP.2	Determination of Hardness in Water Sample.	Saturday, March 16, 2024
3.	EXP.3	Determination of Total Solids and TotalDissolved Solids in Water.	Sunday, March 17, 2024
4.	EXP.4	Determination of Dissolved Oxygen in Water.	Sunday, March 17, 2024
II.			
5.	EXP.5	Determination of Biological Oxygen Demandin Water.	Saturday, March 23, 2024
6.	EXP.6	Determination of Chemical Oxygen Demand in Water.	Saturday, March 23, 2024
7.	EXP.7	Determination of Acidity in Water.	Sunday, March 24, 2024
8.	EXP.8	Determination of Alkalinity in Water.	Sunday, March 24, 2024
UNGUIDED PARACTICAL 1			March 30 & 31, 2024
III.			
9.	EXP.9	Determination of Chloride in Water Samples.	Saturday April 06, 2024
10.	EXP.10	Determination of Residual Chlorine in Water.	Saturday April 06, 2024
11.	EXP.11	Determination of Fluoride in Water.	Sunday April 07, 2024
12.	EXP.12	Determination of Sulphate in Water	Sunday April 07, 2024
IV.			
13.	EXP.13	Determination of Phosphate in Water.	Saturday April 13, 2024
14.	EXP.14	Determination of Nitrate-Nitrogen in Water.	Saturday April 13, 2024
15.	EXP.15	Determination of Nitrite-Nitrogen in Water.	Sunday April 14, 2024
16.	EXP.16	Determination of Turbidity in Water.	Saturday April 27, 2024
17.	EXP.17	Determination of Oil and Grease in Water.	Sunday April 28, 2024
UNGUIDED PARACTICAL 2			SaturdayMay 04, 2024 Sunday May 05, 2024

**TENTATIVE OFFLINE PRACTICAL SCHEDULE INGNOU M.Sc. ENVIRONMENT (MSCENV)
SEMESTER 3**

MEVL 013 - Practical Details			Date
I.			
1.	EXP.1	Sterilization, Media Preparation and Isolation of Pure Culture	Saturday, May 04, 2024
2.	EXP.2	Determination of Gram Staining of Bacterial Sample.	Saturday, May 04, 2024
3.	EXP.3	Isolation and Characterization of Bacteria from Soil Samples.	Sunday, May 05, 2024
4.	EXP.4	Isolation and Characterization of <i>Actinomyces</i> from Soil Samples.	Sunday, May 05, 2024
II.			
5.	EXP.5	Isolation of Pure Culture by Streak Plate Method, Pour Plate Method and Spread Plate Method	Saturday, May 11, 2024
6.	EXP.6	Isolation and Characterization of Fungi from Soil Samples	Saturday, May 11, 2024
7.	EXP.7	Determination of Metabolic Activities of Bacteria through Biochemical Tests	Sunday, May 12, 2024
8.	EXP.8	Determination of Biological Activity of Soil by Dehydrogenase Assay	Sunday, May 12, 2024
III.			
9.	EXP.9	Isolation of Bio-Surfactant Producing Bacteria from Environmental Samples	Saturday May 18, 2024
10.	EXP.10	Isolation and Enumeration of Air Borne Microorganisms by All Glass Impinge Technique	Saturday May 18, 2024
11.	EXP.11	Detection of Coliform in Water Samples by Membrane Filter Technique	Sunday May 19, 2024
12.	EXP.12	Determination of Effect of Industrial Effluents on Seed Germination and Seedling Growth of Rice and Wheat	Sunday May 19, 2024
UNGUIDED PRACTICAL 1			May 25 & 26, 2024
IV.			
13.	EXP.13	Composting of Biodegradable Waste and determination of compost quality.	Saturday June 01, 2024
14.	EXP.14	Determination of Pesticides in Environmental Samples Using Gas Chromatography	Saturday June 01, 2024
15.	EXP.15	Determination of Biogas Production from Organic Waste by Liquid Displacement Method	Sunday June 02, 2024
16.	EXP.16	Determination of Trace Metals in Environmental Samples using Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES)	Sunday June 02, 2024
17.	EXP.17	Determination of Alcoholic fermentation from Grape Juice by <i>Saccharomyces cerevisiae</i>	Saturday June 08, 2024
18.	EXP.18	Separation of Amino Acids by Thin Liquid Chromatography.	Saturday June 08, 2024
19.	EXP.19	Determination of Sodium and Potassium in Water Using Flame Photometer.	Sunday June 09, 2024
20.	EXP.20	Determination of Suspended Particulate Matter (SPM) in Ambient Air Using High Air Sampler (HVS)	Sunday June 09, 2024
UNGUIDED PRACTICAL 2			Saturday June 15, 2024 Sunday June 16, 2024