

**MEVL-013-ENVIRONMENTAL SCIENCE LAB COURSE-03 AT**  
**STUDY CENTER 12123 GOVT PRADE COLLEGE JAMMU**

Expt. No	Exercise	Date	Shifts and Timing	Supervisors
Experiment 1	Sterilization, Media Preparation and Isolation of Pure Culture .	13 Nov 2023	Shift 1 (9:30-to-1 PM)Shift2 (1-to-4:30PM)	
Experiment 2	Determination of Gram Staining of Bacterial Sample .	13 Nov 2023	Shift 1 (9:30-to-1 PM)Shift2 (1-to-4:30PM)	
Experiment 3	Isolation and Characterization of Bacteria from Soil Samples .	14 Nov 2023	Shift 1 (9:30-to-1 PM)Shift2 (1-to-4:30PM)	
Experiment 4	Isolation and Characterization of Actinomycetes from Soil Samples .	14 Nov 2023	Shift 1 (9:30-to-1 PM)Shift2 (1-to-4:30PM)	
Experiment 5	Isolation of Pure Culture by Streak Plate Method, Pour Plate Method and Spread Plate Method .	18 Nov 2023	Shift 1 (9:30-to-1 PM)Shift2 (1-to-4:30PM)	
Experiment 6	Isolation and Characterization of Fungi from Soil Samples .	18 Nov 2023	Shift 1 (9:30-to-1 PM)Shift2 (1-to-4:30PM)	
Experiment 7	Determination of Metabolic Activities of Bacteria through Biochemical Tests .	19 Nov 2023	Shift 1 (9:30-to-1 PM)Shift2 (1-to-4:30PM)	
Experiment 8	Determination of Biological Activity of Soil by Dehydrogenase Assay .	19 Nov 2023	Shift 1 (9:30-to-1 PM)Shift2 (1-to-4:30PM)	
Experiment 9	Isolation of Bio-Surfactant Producing Bacteria from Environmental Samples .	25 Nov 2023	Shift 1 (9:30-to-1 PM)Shift2 (1-to-4:30PM)	
Experiment 10	Isolation and Enumeration of Air Borne Microorganisms by All Glass Impinger Technique .	25 Nov 2023	Shift 1 (9:30-to-1 PM)Shift2 (1-to-4:30PM)	
Experiment 11	Detection of Coliform in Water Samples by Membrane Filter Technique .	26 Nov 2023	Shift 1 (9:30-to-1 PM)Shift2 (1-to-4:30PM)	
Experiment 12	Determination of Effect of Industrial Effluents on Seed Germination and Seedling Growth of Rice and Wheat .	26 Nov 2023	Shift 1 (9:30-to-1 PM)Shift2 (1-to-4:30PM)	
Experiment 13	Composting of Biodegradable Waste and determination of compost quality .	27 Nov 2023	Shift 1 (9:30-to-1 PM)Shift2 (1-to-4:30PM)	
Experiment 14	Determination of Pesticides in Environmental Samples Using Gas Chromatography .	27 Nov 2023	Shift 1 (9:30-to-1 PM)Shift2 (1-to-4:30PM)	

**NOTE:-**

The schedule for practicals Mevl-13 for left out students for session 2021 and 2022 And also along dd in the favour of ignou jammu with enrollment number and we will not permit anybody if He/she failed to submit DD.