

No.: UHF/EVS/3-63/2025/-287
Department of Environmental Science -cum-Work Centre IGNOU
Dr. YS Parmar University of Horticulture & Forestry,
Nauni-173 230, Distt. Solan (H.P.)

Senior Regional Director
IGNOU Regional Centre
Shimla-171005 (HP)

Dated: 06/06/2025

Sub: Regarding revised practical schedule of MSc Environmental Science programme of MEVL-013 (IV & V Batch) IGNOU-submission thereof.

Sir,

In reference to your email dated 6th June, 2025 kindly find enclosed herewith the revised schedule of practical of Lab course-3 (MEVL 013) of MSc Environmental Science programme for IV & V Batches. The list of learners allocated in these batches is also attached for your kind perusal and further necessary action, please.

Thanking you.

Yours sincerely,

Professor and Head
-cum-Coordinator IGNOU Work Centre
Dr YSPUHF, Nauni, Solan (HP)

**Proposed schedule for conducting practical Examination for the course MEVL 013, Lab course-3,
Environmental Science w.e.f 23th July, 2025 to 5th August, 2025**

(Fourth Batch)

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

Day	Date	Practical exercise	Theory	Hand on Exercises/ Lab Practical
1	23/07/2025	<ul style="list-style-type: none"> ✓ Determination of Suspended Particulate Matter (SPM) in Ambient Air Using High Air Sampler (HVS) ✓ Isolation and Enumeration of Air Borne Microorganisms by All Glass Impinger Technique 	Morning Session (9:30 am -1:30 pm)	Evening Session (2:00 -6:00 pm)
2	24/07/2025	<ul style="list-style-type: none"> ✓ Determination of Sodium and Potassium in Water Using Flame Photometer 		
3	25/07/2025	<ul style="list-style-type: none"> ✓ Determination of Trace Metals in Environmental Samples using Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) 		
4	26/07/2025	<ul style="list-style-type: none"> ✓ Composting of Biodegradable Waste and determination of compost quality ✓ Determination of Biogas Production from Organic Waste by Liquid Displacement Method 		
5	27/07/2025	<ul style="list-style-type: none"> ✓ Determination of Pesticides in Environmental Samples Using Gas Chromatography ✓ Separation of Amino Acids by Thin Liquid Chromatography 		
6	28/07/2025	<ul style="list-style-type: none"> ✓ Determination of Effect of Industrial Effluents on Seed Germination and Seedling Growth of Rice and Wheat ✓ Determination of Alcoholic fermentation from Grape Juice by <i>Saccharomyces cerevisiae</i> 		
7	29/07/2025	<ul style="list-style-type: none"> ✓ Sterilization, Media Preparation and Isolation of Pure Culture ✓ Determination of Gram Staining of Bacterial Sample 		
8	30/07/2025	<ul style="list-style-type: none"> ✓ Isolation and Characterization of Bacteria from Soil Samples ✓ Isolation and Characterization of Actinomycetes from Soil Samples 		
9	31/07/2025	<ul style="list-style-type: none"> ✓ Isolation of Pure Culture by Streak Plate Method, Pour Plate Method and Spread Plate Method 		
10	01/08/2025	<ul style="list-style-type: none"> ✓ Isolation and Characterization of Fungi from Soil Samples 		
11	02/08/2025	<ul style="list-style-type: none"> ✓ Determination of Metabolic Activities of Bacteria through Biochemical Tests 		
12	03/08/2025	<ul style="list-style-type: none"> ✓ Determination of Biological Activity of Soil by Dehydrogenase Assay 		
13	04/08/2025	<ul style="list-style-type: none"> ✓ Isolation of Bio-Surfactant Producing Bacteria from Environmental Samples 		
14	05/08/2025	<ul style="list-style-type: none"> ✓ Detection of Coliform in Water Samples by Membrane Filter Technique 		

**Proposed schedule for conducting practical Examination for the course MEVL 013, Lab course-3,
Environmental Science w.e.f 6th August, 2025 to 19th August, 2025**

(Fifth Batch)

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

Day	Date	Practical exercise	Theory	Hand on Exercises/ Lab Practical
1	06/08/2025	<ul style="list-style-type: none"> ✓ Determination of Suspended Particulate Matter (SPM) in Ambient Air Using High Air Sampler (HVS) ✓ Isolation and Enumeration of Air Borne Microorganisms by All Glass Impinger Technique 	Morning Session (9:30 am -1:30 pm)	Evening Session (2:00 -6:00 pm)
2	07/08/2025	<ul style="list-style-type: none"> ✓ Determination of Sodium and Potassium in Water Using Flame Photometer 		
3	08/08/2025	<ul style="list-style-type: none"> ✓ Determination of Trace Metals in Environmental Samples using Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) 		
4	09/08/2025	<ul style="list-style-type: none"> ✓ Composting of Biodegradable Waste and determination of compost quality ✓ Determination of Biogas Production from Organic Waste by Liquid Displacement Method 		
5	10/08/2025	<ul style="list-style-type: none"> ✓ Determination of Pesticides in Environmental Samples Using Gas Chromatography ✓ Separation of Amino Acids by Thin Liquid Chromatography 		
6	11/08/2025	<ul style="list-style-type: none"> ✓ Determination of Effect of Industrial Effluents on Seed Germination and Seedling Growth of Rice and Wheat ✓ Determination of Alcoholic fermentation from Grape Juice by <i>Saccharomyces cerevisiae</i> 		
7	12/08/2025	<ul style="list-style-type: none"> ✓ Sterilization, Media Preparation and Isolation of Pure Culture ✓ Determination of Gram Staining of Bacterial Sample 		
8	13/08/2025	<ul style="list-style-type: none"> ✓ Isolation and Characterization of Bacteria from Soil Samples ✓ Isolation and Characterization of Actinomycetes from Soil Samples 		
9	14/08/2025	<ul style="list-style-type: none"> ✓ Isolation of Pure Culture by Streak Plate Method, Pour Plate Method and Spread Plate Method 		
10	15/08/2025	<ul style="list-style-type: none"> ✓ Isolation and Characterization of Fungi from Soil Samples 		
11	16/08/2025	<ul style="list-style-type: none"> ✓ Determination of Metabolic Activities of Bacteria through Biochemical Tests 		
12	17/08/2025	<ul style="list-style-type: none"> ✓ Determination of Biological Activity of Soil by Dehydrogenase Assay 		
13	18/08/2025	<ul style="list-style-type: none"> ✓ Isolation of Bio-Surfactant Producing Bacteria from Environmental Samples 		
14	19/08/2025	<ul style="list-style-type: none"> ✓ Detection of Coliform in Water Samples by Membrane Filter Technique 		