

Practical Counseling Schedule for BSCG Programme THE JUNE- 2025
Venue: Microbiology Deptt., Govt. Holkar Science College Indore, 452001
Topic to be covered (Block/Unit)

Session Practical Counseling	Date	Timing		Block
		From	To	
BBYCL-132 BIODIVERSITY (MICROBES, ALGAE, FUNGI AND ARCHEGONIATES)	11/09/2025	09:00AM	01:00PM	Experiment-1 Models of Viruses-T Phage and TMV, Experiment-2 Study of Tubes of Bacteria
	11/09/2025	01:30PM	05:30PM	Experiment-3 Gram Staining Techniques
	12/09/2025	09:00AM	01:00PM	Experiment-4 Nostoc, Chlamydomonas Oedogonium, Vaucheria Fucus and Polysiphonia, Experiment-5 Rhizopus, Penicillium
	12/09/2025	01:30PM	05:30PM	Experiment-6 Alternaria
	13/09/2025	09:00AM	01:00PM	Experiment-7 Puccinia, Experiment-8 Agaricus
	13/09/2025	01:30PM	05:30PM	Experiment-9, Lichens
	15/09/2025	09:00AM	01:00PM	Experiment-10 Mycorrhiza, Experiment-11 Marchantia
	15/09/2025	01:30PM	05:30PM	Experiment-12 Funaria
	16/09/2025	09:00AM	01:00PM	Experiment-13 Study of Morphological, Anatomical and Reproductive Features of Selaginella, Experiment-14 Study of Morphological, Anatomical and Reproductive Features of Equisetum
	16/09/2025	01:30PM	05:30PM	Experiment-15 Study of Morphological, Anatomical and Reproductive Features of Pteris
	17/09/2025	09:00AM	01:00PM	Experiment-16 Study of Morphological, Anatomical and Reproductive Features in Cycas, Experiment-17 Study of Morphological, Anatomical and Reproductive Features in Pinus
	17/09/2025	01:30PM	05:30PM	Viva Exam

Contact Person
Mr. Ashish Tiwari
9926777822

Note:

1. Attendances for practical courses are 100% compulsory in all the sessions.
2. All learners are required to go through the study materials for the above mentioned courses.
3. All students need to get a minimum of 40% of marks in practicals to clear the Programme.
4. In case you have laptop, please bring with you for practice of different software

Dr. Smriti Gargava

Deputy Director

Venue: Microbiology Deptt, Govt. Holkar Science College Indore, 452001
Topic to be covered (Block/Unit)

Session	Date	Timing		Block	
		From	To		
Practical Counseling BBYCL-134 PLANT ECOLOGY AND TAXONOMY LABORATORY	18/09/2025	09:00AM	01:00PM		Experiment-1 Introduction to Plant Ecology and Taxonomy Laboratory
	18/09/2025	01:30PM	05:30PM		Experiment-2 Study of Instruments Used to Measure Microclimatic
	19/09/2025	09:00AM	01:00PM		Experiment-3 Determination of Ph and Analysis of Two Soil Samples for Carbonates, Chlorides, Nitrates, Sulphates.....
	19/09/2025	01:30PM	05:30PM		Experiment-4 Comparison of Bulk Density, Porosity and Rate of Infiltration of Water in Soil of Three Habitats
	20/09/2025	09:00AM	01:00PM		Experiment-5 Study of Ecological Adaptation in Plants,
	20/09/2025	01:30PM	05:30PM		Experiment-6 Determination of Minimal Quadrat Size for the Study of Herbaceous..
	22/09/2025	09:00AM	01:00PM		Experiment-7 Quantitative Analysis of Herbaceous Vegetation for Frequency
	22/09/2025	01:30PM	05:30PM		Experiment-8 To Study the Vegetative and Floral Characters of Some Dicot and
	23/09/2025	09:00AM	01:00PM		Experiment-9 Mounting of A Properly Dried and Pressed
	23/09/2025	01:30PM	05:30PM		Viva Exam

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Deputy Director

Indira Gandhi National Open University
Study Centre - Holkar Science College

Venue: Microbiology Deptt., Govt. Holkar Science College Indore, 452001

Topic to be covered (Block/Unit)

Session	Date	Timing		Block	Topic to be covered (Block/Unit)
		From	To		
BRYCL-136 PLANT ANATOMY AND EMBRYOLOGY LABORATORY	24/09/2025	09:00AM	01:00PM		Experiment-1 To Study Plant Tissues Experiment-2 To Study Primary Meristems
	24/09/2025	01:30PM	05:30PM		Experiment-3 To Study the Internal Structure of Monocot and Dicot Stem
	25/09/2025	09:00AM	01:00PM		Experiment-4 To Study the Internal Structure of Monocot and Dicot Root
	25/09/2025	09:00AM	01:00PM		Experiment-5 To Study the Internal Structure of Monocot and Dicot Leaf
	25/09/2025	01:30PM	05:30PM		Experiment-6 To Study Secondary Growth in Dicot Stem and Dicot Root
	26/09/2025	09:00AM	01:00PM		Experiment-7 Study of a Xerophyte Leaf and a Hydrophyte Stem
	26/09/2025	01:30PM	05:30PM		Experiment-8 Study of the Structure of Anther and Tapetum
	27/09/2025	09:00AM	01:00PM		Experiment-9 Study of the Types of Ovules with the Help of Permanent Slides
	27/09/2025	01:30PM	05:30PM		Experiment-10 To Study the Female Gametophyte-Polygonum Type of Embryo Sac
	29/09/2025	09:00AM	01:00PM		Experiment-11 Study of Ultrastructure of Mature Egg Apparatus Cells Through Electron Micrographs
	29/09/2025	01:30PM	05:30PM		Experiment-12 To Study Pollination Types and Seed Dispersal ...
	30/09/2025	09:00AM	01:00PM		Experiment-13 To Dissect Endosperm from Developing Seed
	30/09/2025	01:30PM	05:30PM		Experiment-14 To Calculate Percentage of Germinated Pollen in a Given Medium
	30/09/2025	01:30PM	05:30PM		Viva Exam

Contact Person
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Deputy Director

INDIRA (GANDHI) NATIONAL OPEN UNIVERSITY, REGIONAL CENTRE BHOPAL
Practical Counseling Schedule for BSCG Programme TEE JUNE-2025

Venue: Microbiology Deptt., Govt. Holkar Science College Indore, 452001
Topic to be covered (Block/Unit)

Venue: Microbiology Deptt., Govt. Holkar Science College Indore, 452001					
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BBYCL-138 PLANT PHYSIOLOGY AND METABOLISM: LABORATORY	01/10/2025	09:00AM	01:00PM	Experiment-1 To Determine the Osmotic Potential of Plant Cell Sap by Plasmolytic Method	
	01/10/2025	01:30PM	05:30PM	Experiment-2 To Study the Effect of Two Environmental Factors (Light and Wind Velocity) on Transpiration by an Excised	
	04/10/2025	09:00AM	01:00PM	Experiment-3 To Determine the Stomatal Index and Stomatal Frequency in a Mesophyte and Xerophyte	
	04/10/2025	01:30PM	05:30PM	Experiment-4 To Demonstrate Hill Reaction	
	06/10/2025	09:00AM	01:00PM	Experiment-5 To Demonstrate the Activity of Catalase and Study the Effect of Ph and Enzyme Concentration	
	06/10/2025	01:30PM	05:30PM	Experiment-6 To Study the Effect of Light Intensity and Bicarbonate Concentration on O2 Evolution in Photosynthesis	
	08/10/2025	09:00AM	01:00PM	Experiment-7 To Compare the Rate of Respiration in any Two Parts of a Plant	
	08/10/2025	01:30PM	05:30PM	Experiment-8 To Separate Amino Acids by Paper Chromatograph	
Contact Person Mr. Ashish Tiwari 9926777822		09/10/2025	09:00AM	01:00PM	Viva Exam

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Dr. Smriti Gargava
Deputy Director

Co-ordinator
Indira Gandhi National Open University
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(Dr. Anshuman Upadhyaya)

Deputy Director

INDIRA (GANDHI) NATIONAL OPEN UNIVERSITY