



Indira Gandhi National Open University
Learner Support Centre (1506), Holkar Science College, Indore, M. P.
Schedule of Practical for BAPCH, MAPC Courses TEE June- 2024

Dear Learner,

We glad to inform you that Laboratory courses for BAG, BAPCH, MAPC & BSCG are being organized. As per the schedule given below, eligible learners, whose registration is valid, are advised to attend.


Please note that attending Lab Courses is compulsory to complete BAG, BAPCH, MAPC & BSCG Programme.

Sl. No.	Prog./ Discipline	Course Code	Credits	Days Required	Date (From - To)	Timing	Venue	Name & Mobile of Contact Person
1	BAG/ BAPCH	BPCC-101P/ BPCC105P/ BPCC112P	2	3 days	19.09.2024 to 21.09.2024	09:00 AM to 01:00 PM (Morning) 01:30 PM to 05:30 PM (Evening)	Microbiology Deptt., Govt. Holkar Science College, Indore	Academic Counselor – Dr. Saroj Kothari
2		BPCC-103P/ BPCC114P/ BPCC134P	2	3 days	23.09.2024 to 25.09.2024			Dr. Sanjay Vyas Coordinator Mo. No. 9425032837
3		BPCC-110P/ BPCC-131P	2	3 days	26.09.2024 to 28.09.2024			Dr. B. Rai Assi. Coordinator Mo. No. 9425450749

Note: There will be no practical practice and practical exam on Govt. Holidays.

Important points

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


Coordinator
Indira Gandhi National Open University
Study Centre - 506 Holkar Science College,
INDORE (M. P.)



INDIRA GANDHI NATIONAL OPEN UNIVERSITY , REGIONAL CENTRE BHOPAL
Practical Counseling Schedule for BSCG Programme TEE June- 2024

Venue: Geography/ Geology Deptt., Govt. Holkar Science College Indore, 452001

Session Practical Counseling	Date	Timing		Block	Topic to be covered (Block/Unit)
		From	To		
BGGCL-134 GENERAL CARTOGRAPHY LABORATORY	23/09/2024	09:00AM	01:00PM		Experiment-1 Construction of Map Scales : Graphics, Comparative and Diagonal
	23/09/2024	01:30PM	05:30PM		Experiment-2 Construction of Cylindrical Projection
	24/09/2024	09:00AM	01:00PM		Experiment-3 Construction of Conical Projection
	24/09/2024	01:30PM	05:30PM		Experiment-4 Construction of Zenithal Projection
	25/09/2024	09:00AM	01:00PM		Experiment-5 Preparation of Statistical Diagrams from the Given Data
	25/09/2024	01:30PM	05:30PM		Experiment-6 Construction of Choropleth and Isoleth Maps from the Given Data
	26/09/2024	09:00AM	01:00PM		Experiment-7 Draw Prominent Relif Features and Interpret Major Physical and Cultural from the given Toposheet
	26/09/2024	01:30PM	05:30PM		Experiment-8 Calculation of Slope Gradient by Wentworth's Method from the Given Toposheet , Experiment-9 Preparation of Climograph and Hythergrappg from the Given Data
	27/09/2024	09:00AM	01:00PM		Experiment-10 Preparation of Wind Rose and Star Diagram from the Given Data, Experiment-11 Interpretation of Indian Daily Weather Map
	27/09/2024	09:00AM	01:00PM		Experiment-12 Preparation of Simple Thematic Maps From the Given Data
	28/09/2024	01:30PM	05:30PM		Viva Exam

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Deputy Director

Dr. Bini Toms
Sr. Regional Director

(Signature)
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INDIRA GANDHI NATIONAL OPEN UNIVERSITY

REGIONAL CENTRE BHOPAL

Practical Counseling Schedule for BSCG Programme TEE June- 2024

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

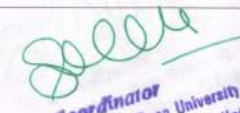
Session Practical Counseling	Date	Timing		Block	Topic to be covered (Block/Unit)
		From	To		
BPHCL-138 WAVES AND OPTICS: LABORATORY	23/09/2024	09:00AM	01:00PM		EXPERIMENT 1 Refractive Index of the Material of a Prism using a Spectrometer
	23/09/2024	01:30PM	05:30PM		EXPERIMENT 2 Investigations with Polarised Light using a Polarimeter
	24/09/2024	09:00AM	01:00PM		EXPERIMENT 3 Cauchy's Constants of the Material of a Prism
	24/09/2024	01:30PM	05:30PM		EXPERIMENT 4 Wavelength of Sodium Light using Fresnel's Biprism
	25/09/2024	09:00AM	01:00PM		EXPERIMENT 5 Wavelength of Sodium Light using Newton's Rings
	25/09/2024	01:30PM	05:30PM		EXPERIMENT 6 Wavelength of Sodium / Mercury Light using a Plane Diffraction Grating
	26/09/2024	09:00AM	01:00PM		EXPERIMENT 7 Dispersive Power of a Prism
	26/09/2024	01:30PM	05:30PM		EXPERIMENT 8 Resolving Power of a Prism
	27/09/2024	09:00AM	01:00PM		EXPERIMENT 9 Diffraction from a Wire
	27/09/2024	09:00AM	01:00PM		EXPERIMENT 10 Study of Single Slit Diffraction of a Laser using Photo Sensor
	28/09/2024	09:00AM	01:00PM		Viva Exam

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Practical Counseling Schedule for BSCG Programme TEE June- 2024
Venue: Physics Deptt., Govt. Holkar Science College Indore, 452001

Session Practical Counseling	Date	Timing		Block	Topic to be covered (Block/Unit)
		From	To		
BPHEL-144 Digital and Analog Circuits and instrumentation: Laboratory	30/09/2024	09:00AM	01:00PM		EXPERIMENT 1 Realisation of Logic Gates using NAND Gates
	30/09/2024	01:30PM	05:30PM		EXPERIMENT 2 Minimisation of Logic Circuits
	01/10/2024	09:00AM	01:00PM		EXPERIMENT 3 Realisation of Adder Circuits using Logic Gates
	01/10/2024	01:30PM	05:30PM		EXPERIMENT 4 Design of Astable Multivibrator using Timer IC
	03/10/2024	09:00AM	01:00PM		EXPERIMENT 5 Design of Monostable Multivibrator using Timer IC
	03/10/2024	01:30PM	05:30PM		EXPERIMENT 6 Study of I-V Characteristics of Special Diodes (Zener and LED)
	03/10/2024	09:00AM	01:00PM		EXPERIMENT 7 Study of Transistor Characteristics in CE Mode and Design of CE Amplifier
	04/10/2024	01:30PM	05:30PM		EXPERIMENT 8 Design of Op Amp Inverting and Non-Inverting Amplifiers
	04/10/2024	09:00AM	01:00PM		EXPERIMENT 9 Design of Op Amp Differentiator and Integrator
	05/10/2024	09:00AM	01:00PM		EXPERIMENT 10 Designing and Building a Phase Shift Oscillator
	05/10/2024	01:30PM	05:30PM		Viva Exam

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Practical Counseling Schedule for BSCG Programme TEE June- 2024

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


Session Practical Counseling	Date	Timing		Block	Topic to be covered (Block/Unit)
		From	To		
BPHCL-136 Thermal Physics and Statistical Mechanics: Laboratory	07/10/2024	09:00AM	01:00PM		Experiment-1 Determination of Planck's Constant
	07/10/2024	01:30PM	05:30PM		Experiment-2 Determination of Stefan's Constant using Black Body Radiation
	08/10/2024	09:00AM	01:00PM		Experiment-3 Determination of the Coefficient of Thermal Conductivity of Copper by Searle's Apparatus
	08/10/2024	01:30PM	05:30PM		Experiment-4 Determination of the Coefficient of Thermal Conductivity of a Bad Conductor by Lee and Charlton's Disc Method
	09/10/2024	09:00AM	01:00PM		Experiment-5 Study of Variation of Thermo-emf with Temperature
	09/10/2024	01:30PM	05:30PM		Experiment-6 Determination of Specific Heat Capacity of a Liquid using the Method of Cooling
	10/10/2024	09:00AM	01:00PM		Experiment-7 Study of Temperature Variation of Surface Tension of a Liquid
	10/10/2024	01:30PM	05:30PM		Experiment-8 Study of Phase Transitions and Interpretation of Cooling Curves
	11/10/2024	09:00AM	01:00PM		Experiment-9 Determination of Specific Heat of a Liquid using a Calorimeter Experiment-10 Determination of the Temperature Coefficient of Resistance by Platinum Resistance Thermometer
	11/10/2024	09:00AM	01:00PM		Viva Exam

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INDIRA GANDHI NATIONAL OPEN UNIVERSITY
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Practical Counseling Schedule for BSCG Programme TEE June- 2024

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

Session Practical Counseling	Date	Timing		Block	Topic to be covered (Block/Unit)
		From	To		
BBYEL-144 ECONOMICS BOTANY AND BIOTECHNOLOGY LABORATORY	23/09/2024	09:00AM	01:00PM		Experiment-1 Study of Cereals through Specimens and Microchemical Test
	23/09/2024	01:30PM	05:30PM		Experiment-2 Study Legumes through and Microchemical Test
	24/09/2024	09:00AM	01:00PM		Experiment-3 Study of Black Pepper , Clove through Specimens and Section
	24/09/2024	01:30PM	05:30PM		Experiment-4 Study of Tea ,Coffee through Specimens and Microchemical
	25/09/2024	09:00AM	01:00PM		Experiment-5 Study of Cotton through Specimens
	25/09/2024	01:30PM	05:30PM		Experiment-6 Study of Groundnut Mustard through Specimens Section Microchemical Test
	26/09/2024	09:00AM	01:00PM		Experiment-7 Study of Basic Equipments Used in Tissue Culture
	26/09/2024	01:30PM	05:30PM		Experiment-8 Study of Anther Culture , Somatic Embryogenesis Embryo Culture and Micropropagation through Photograph
	27/09/2024	09:00AM	01:00PM		Viva Exam

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Practical Counseling Schedule for BSCG Programme TEE June- 2024

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Session Practical Counseling	Date	Timing		Block	Topic to be covered (Block/Unit)
		From	To		
BBYCL-132 BIODIVERSITY (MICROBES, ALGAE, FUNGI AND ARCHEGONIATES)	28/09/2024	09:00AM	01:00PM		Experiment-1 Models of Viruses-T Phage and TMV, Experiment-2 Study of Types of Bacteria
	28/09/2024	01:30PM	05:30PM		Experiment-3 Gram Staining Techniques
	30/09/2024	09:00AM	01:00PM		Experiment-4 Nostoc, Chlamydomonas Oedogonium, Vaucheria Fucus and Polysiphonia, Experiment-5 Rhizopus, Penicillium
	30/09/2024	01:30PM	05:30PM		Experiment-6 Alternaria
	01/10/2024	09:00AM	01:00PM		Experiment-7 Puccinia, Experiment-8 Agaricus
	01/10/2024	01:30PM	05:30PM		Experiment-9, Lichens
	03/10/2024	09:00AM	01:00PM		Experiment-10 Mycorrhiza, Experiment-11 Marchantia
	03/10/2024	01:30PM	05:30PM		Experiment-12 Funaria
	04/10/2024	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
	04/10/2024	01:30PM	05:30PM		Experiment-15 Study of Morphological, Anatomical and Reproductive Features of Pteris
	05/10/2024	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
	05/10/2024	01:30PM	05:30PM		Viva Exam

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Session Practical Counseling	Date	Timing		Block	Topic to be covered (Block/Unit)
		From	To		
BBYEL-142 CELL AND MOLECULAR BIOLOGY LABORATORY	07/10/2024	09:00AM	01:00PM		Experiment-1 To Study Viruses, Prokaryotic and Eukaryotic Cells by Electron Micrographs, Experiment-2 Cell Structure Study of Photographs and Electron Micrographs of Cell Organelles
	07/10/2024	01:30PM	05:30PM		Experiment-3 Micrometry
	08/10/2024	09:00AM	01:00PM		Experiment-4 To Study Plant Cells by Temporary Mounts, Experiment-5 Study of Animal Cell by Temporary Mounts of Squamous Epithelium and Photographs of Nerve Cell
	08/10/2024	01:30PM	05:30PM		Experiment-6 Study of Striated Muscle Fibers through Photographs
	09/10/2024	09:00AM	01:00PM		Experiment-7 Vital Staining of Mitochondria with Janus Green B in Buccal (Cheek) Epithelium., Experiment-8 To Study Mitosis using Onion Root Tips
	09/10/2024	01:30PM	05:30PM		Experiment-9 Study of Meiosis with the Help of Permanent Slides, Experiment-10 To Study the Effect of Organic Solvents and Temperature on the Permeability of cell Membrane
	10/10/2024	09:00AM	01:00PM		Experiment-11 To Demonstrate the Technique of Dialysis Separation of Starch and Simple Sugar, Experiment-12 To Study Plasmolysis and Deplasmolysis using Rhoeo Leaf
	10/10/2024	01:30PM	05:30PM		Experiment-13 Study of Structure of Nuclear Pore Complex by Photographs
	11/10/2024	09:00AM	01:00PM		Experiment-14 Study of Special Chromosomes (Polyene and Lampbrush) by Slides/ Photographs Experiment-15 Investigation of Human Karyotypes
	11/10/2024	01:30PM	05:30PM		Viva Exam

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