

REGIONAL CENTRE BHOPAL
Practical Counseling Schedule for BSCGP Programme TEE June- 2025
Venue: Physics Deptt., Govt. Holkar Science College Indore, 452001

Session	Date	Timing		Block	Topic to be covered (Block/Unit)
		From	To		
Practical Counseling BPHCL-132 MECHANICS: Laboratory	11/09/2025	09:00AM	01:00PM		Experiment-1 Measurement of Length
	11/09/2025	01:30PM	05:30PM		Experiment-2 Determination of Moment of Inertia of a Fly Wheel about its Axis of Rotation
	12/09/2025	09:00AM	01:00PM		Experiment-3 Determination of Young's Modulus by Bending of Beams
	12/09/2025	01:30PM	05:30PM		Experiment-4 Determination of the Modulus of Rigidity of a Wire using Maxwell's Needle
	13/09/2025	09:00AM	01:00PM		Experiment-5 Determination of Elastic Constants of a Wire by Searle's Method
	13/09/2025	01:30PM	05:30PM		Experiment-6 Determination of Acceleration due to Gravity using Bar Pendulum
	15/09/2025	09:00AM	01:00PM		Experiment-7 Determination of Acceleration due to Gravity by Kater's Pendulum
	15/09/2025	01:30PM	05:30PM		Experiment-8 Study of the Motion of a Spring-Mass System: Determination of Spring Constant and Acceleration due to Gravity
	16/09/2025	09:00AM	01:00PM		Experiment-9 Determination of Frequency of Tuning Fork using Sonometer Experiment-10 Study of Lissajous Figures using a Cathode Ray Oscilloscope
	16/09/2025	01:30PM	05:30PM		Viva Exam

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 Garbava
Deputy Director

Coordinator
Indira Gandhi National Open University
Study Centre : 506 Holkar Science College,
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**INDIRA GANDHI NATIONAL OPEN UNIVERSITY
REGIONAL CENTRE BHOPAL**

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Practical Counseling BPHCL-134 Electricity and magnetism: Laboratory : Laboratory	17/09/2025	09:00AM	01:00PM		Experiment-1 Measurements with a multimeter
	17/09/2025	01:30PM	05:30PM		Experiment-2 Study of Magnetisation in Magnetic material
	18/09/2025	09:00AM	01:00PM		Experiment-3 Study of a series RC circuit
	18/09/2025	01:30PM	05:30PM		Experiment-4 Study of a series LCR circuit
	19/09/2025	09:00AM	01:00PM		Experiment-5 Study of a parallel LCR circuit
	19/09/2025	01:30PM	05:30PM		Experiment-6 Measurement of low resistance using carey foster bridge
	20/09/2025	09:00AM	01:00PM		Experiment-7 Verification of Thevenin's and Norton's theorems
	20/09/2025	01:30PM	05:30PM		Experiment-8 Verification of super position and maximum power transfer theorems
	22/09/2025	09:00AM	01:00PM		Experiment-9 I-V characteristics of a p-n junction diode Experiment-10 Half-wave / full-wave rectifiers and filter circuits
	22/09/2025	01:30PM	05:30PM		Viva Exam

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Deputy Director

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Indira Gandhi National Open University
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Coordinator

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(Dr. Anshuman Upadhyaya)
Dr. U. C. Pandey Deputy Director
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Practical Counseling BPHCL-136 Thermal Physics and Statistical Mechanics: Laboratory	23/09/2025	09:00AM	01:00PM		Experiment-1 Determination of Planck's Constant
	23/09/2025	01:30PM	05:30PM		Experiment-2 Determination of Stefan's Constant using Black Body Radiation
	24/09/2025	09:00AM	01:00PM		Experiment-3 Determination of the Coefficient of Thermal Conductivity of Copper by Searle's Apparatus
	24/09/2025	01:30PM	05:30PM		Experiment-4 Determination of the Coefficient of Thermal Conductivity of a Bad Conductor by Lee and Charlton's Disc Method
	25/09/2025	09:00AM	01:00PM		Experiment-5 Study of Variation of Thermo-emf with Temperature
	25/09/2025	01:30PM	05:30PM		Experiment-6 Determination of Specific Heat Capacity of a Liquid using the Method of Cooling
	26/09/2025	09:00AM	01:00PM		Experiment-7 Study of Temperature Variation of Surface Tension of a Liquid
	26/09/2025	01:30PM	05:30PM		Experiment-8 Study of Phase Transitions and Interpretation of Cooling Curves
	27/09/2025	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
	27/09/2025	01:30PM	05:30PM		Viva Exam

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Indira Gandhi National Open University
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Dr. U.C. Pandey (Regional Director)

Regional Director
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BPHCL-138 WAVES AND OPTICS: LABORATORY	29/09/2025	09:00AM	01:00PM		EXPERIMENT 1 Refractive Index of the Material of a Prism using a Spectrometer
	29/09/2025	01:30PM	05:30PM		EXPERIMENT 2 Investigations with Polarised Light using a Polarimeter
	30/09/2025	09:00AM	01:00PM		EXPERIMENT 3 Cauchy's Constants of the Material of a Prism
	30/09/2025	01:30PM	05:30PM		EXPERIMENT 4 Wavelength of Sodium Light using Fresnel's Biprism
	01/10/2025	09:00AM	01:00PM		EXPERIMENT 5 Wavelength of Sodium Light using Newton's Rings
	01/10/2025	01:30PM	05:30PM		EXPERIMENT 6 Wavelength of Sodium / Mercury Light using a Plane Diffraction Grating
	04/10/2025	09:00AM	01:00PM		EXPERIMENT 7 Dispersive Power of a Prism
	04/10/2025	01:30PM	05:30PM		EXPERIMENT 8 Resolving Power of a Prism
	06/10/2025	09:00AM	01:00PM		EXPERIMENT 9 Diffraction from a Wire
	06/10/2025	01:00PM	01:00PM		EXPERIMENT 10 Study of Single Slit Diffraction of a Laser using Photo Sensor
	08/10/2025	09:00AM	01:00PM		Viva Exam

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