



**Indira Gandhi National Open University
REGIONAL CENTRE BHOPAL**

**Practical Counseling Schedule for BSCG Programme, TEE June - 2024
Venue: Physics Department Govt. Motilal Vigyan Mahavidhyalay, Bhopal Madhya Pradesh**

Session Practical Counseling	Date	Timing		Topic to be covered (Block/Unit)	Academic Counselor/ Examiner
		Morning	Evening		
BPHCL-132 Course Title: Mechanics Laboratory	14/10/2024	09.30AM to 12.30 PM	01.00 PM To 05.00 PM	1. Length measurement. 2. Determination of moment of inertia of a fly wheel about its axis of rotation 3. Determination of Young's modulus by bending of beams. 4. Determination of the modulus of rigidity of a wire using Maxwell's needle. 5. Determination of elastic constants of a wire by Searle's method. 6. Determination of acceleration due to gravity using bar pendulum. 7. Determination of acceleration due to gravity by Kater's pendulum. 8. Study of the motion of a spring-mass system: determination of spring constant and value of acceleration due to gravity. 9. Determination of frequency of tuning fork using sonometer. 10. Study of Lissajous figures using a cathode ray oscilloscope.	Dr U.S. Patle Asst. Proff. Dr C.B. Makode Asst. Proff. MVM College Bhopal Email Address: uspatle23@gmail.com
	15/10/2024	09.30AM to 12.30 PM	01.00 PM To 05.00 PM		
	16/10/2024	09.30AM to 12.30 PM	01.00 PM To 05.00 PM		
	17/10/2024	09.30AM to 12.30 PM	01.00 PM To 05.00 PM		
	18/10/2024	09.30AM to 12.30 PM	01.00 PM To 05.00 PM		
	19/10/2024	09.30AM to 12.30 PM	01.00 PM To 05.00 PM		
	21/10/2024	09.30AM to 12.30 PM	01.00 PM To 05.00 PM		
	22/10/2024	09.30AM to 12.30 PM	01.00 PM To 05.00 PM		

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

Important points

1. For Lab courses of 2 credits, there are 14 practical sessions in 7 days are prescribed. The last session of practical course will be practical examination.
2. Attendance is compulsory for Laboratory course work
3. Please keep your identity card with you whenever you visit any IGNOU Study Centre/Regional Centre.

With Best Wishes

Sd.
Dr. Ravi Paliwal
(Study Center Coordinator)
1501, Govt. MVM Bhopal

Sd.
Dr. Smriti Gargava
(Deputy Director)
IGNOU Regional Centre Bhopal

Sd.
Dr. Bini Toms
(Senior Regional Director)
IGNOU Regional Centre Bhopal



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BPHCL-134 Course Title: Electricity and Magnetism: Laboratory	23/10/2024	09.30AM to 12.30 PM	01.00 PM To 05.00 PM	1. Measurements with a multimeter. 2. Study of magnetisation intensity in a magnetic material. 3. Study of a series <i>RC</i> circuit. 4. Study of a series <i>LCR</i> circuit. 5. Study a parallel <i>LCR</i> circuit. 6. Determination of low resistance by Carey Foster's bridge. 7. Verification of Thevenin and Norton theorems. 8. Verification of superposition and maximum power transfer theorems. 9. <i>I-V</i> characteristics of a <i>p-n</i> junction diode. 10. Study of half-wave/full-wave rectifiers and filter circuits.	Dr U.S. Patle Asst. Profe. 8319770492 Dr C.B. Makode Asst. Profe. 9424403399 MVM College Bhopal Email Address: uspatle23@gmail.com
	24/10/2024	09.30AM to 12.30 PM	01.00 PM To 05.00 PM		
	25/10/2024	09.30AM to 12.30 PM	01.00 PM To 05.00 PM		
	26/10/2024	09.30AM to 12.30 PM	01.00 PM To 05.00 PM		
	04/11/2024	09.30AM to 12.30 PM	01.00 PM To 05.00 PM		
	05/11/2024	09.30AM to 12.30 PM	01.00 PM To 05.00 PM		
	06/11/2024	09.30AM to 12.30 PM	01.00 PM To 05.00 PM		
	07/11/2024	09.30AM to 12.30 PM	01.00 PM To 05.00 PM		

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