



REGIONAL CENTRE BHOPAL

Venue: Physics Department Govt. Motilal Vignyan Mahavidhyalay, Bhopalmadhya Pradesh

Practical Counseling	Date	Timing	Topic to be covered (Block/Unit)	Academic Counselor
BPHCL-132 Course Title: Mechanics Laboratory	18/08/2025	09.00AM to 01.00 PM (Morning)	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. Practical Examination and viva voce	Dr. U.S. Patle Asst. Prof. and Dr. C.B. Makode Asst. Prof. MVM College Bhopal Email Address: uspatle23@gmail.com
	18/08/2025	01.30 PM to 05.30 PM (Evening)		
	19/08/2025	09.00AM to 01.00 PM (Morning)		
	19/08/2025	01.30 PM to 05.30 PM (Evening)		
	20/08/2025	09.00AM to 01.00 PM (Morning)		
	20/08/2025	01.30 PM to 05.30 PM (Evening)		
	21/08/2025	09.00AM to 01.00 PM (Morning)		
	21/08/2025	01.30 PM to 05.30 PM (Evening)		
	22/08/2025	09.00AM to 01.00 PM (Morning)		
	22/08/2025	01.30 PM to 05.30 PM (Evening)		
25/08/2025	09.00AM to 01.00 PM (Morning)			
25/08/2025	01.30 PM to 05.30 PM (Evening)			

Important points

- NOTE:** For Lab courses of 02 credits, there are 06 days of practical session. The practical examination will be organized on the last day of practical.
1. Attendance (as per University rules) is compulsory for laboratory course work.
 2. Please keep your identity card and hall ticket with you whenever you visit any IGNOU Study Centre/Regional Centre.

With Best Wishes

Sd.
Dr. U.S. Patle
(Study Center Coordinator)
1501, Govt. MVM Bhopal

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

(डॉ. अश्विनी जगन्नाथ)
Dr. A. Pandey
(Dr. Ashwini Jagannath)

(D) Senior Regional Director

349NGN00 Regional Centre Bhopal

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Indira Gandhi National Open University
REGIONAL CENTRE BHOPAL

Practical Counseling Schedule for BSCG Programme TEE June- 2025
Venue: Physics Department Govt. Motilal Vignyan Mahavidhyalay, BhopalMadhya Pradesh

Practical Counseling	Date	Timing	Topic to be covered (Block/Unit)	Academic Counselor/ Examiner
BPHCL-134 Course Title: Electricity and Magnetism: Laboratory	26/08/2025	09.00AM to 01.00 PM (Morning)	1. Measurements with a multimeter.	Dr U.S. Patle Asst. Prof. and Dr C.B. Makode Asst. Prof. MVM College Bhopal Email Address: uspatle23@gmail.com
	26/08/2025	01.30 PM to 05.30 PM (Evening)	2. Study of magnetisation intensity in a magnetic material.	
	27/08/2025	09.00AM to 01.00 PM (Morning)	3. Study of a series RC circuit.	
	27/08/2025	01.30 PM to 05.30 PM (Evening)	4. Study of a series LCR circuit.	
	28/08/2025	09.00AM to 01.00 PM (Morning)	5. Study a parallel LCR circuit.	
	28/08/2025	01.30 PM to 05.30 PM (Evening)	6. Determination of low resistance by Carey Foster's bridge.	
	29/08/2025	09.00AM to 01.00 PM (Morning)	7. Verification of The venin and Norton theorems.	
	29/08/2025	01.30 PM to 05.30 PM (Evening)	8. Verification of superposition and maximum power transfer theorems.	
	01/09/2025	09.00AM to 01.00 PM (Morning)	9. I-V characteristics of a p-n junction diode.	
	01/09/2025	01.30 PM to 05.30 PM (Evening)	10. Study of half-wave/full-wave rectifiers and filter circuits.	
	02/09/2025	09.00AM to 01.00 PM (Morning)	Practical Examination and viva voce	
	02/09/2025	01.30 PM to 05.30 PM (Evening)		

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