

06



जन-जन को  
विश्वविद्यालय

**Indira Gandhi National Open University**  
**REGIONAL CENTRE BHOPAL**  
**Practical Counseling Schedule for BSCG Programme TEE December- 2025**  
**Venue: Physics Department Govt Holkar Science College, Indore, Madhya Pradesh**

Practical Counseling	Date	Timing		Session	Hours	Topic to be covered (Block/Unit)	Academic Counselor/ Examiner
		Morning	Evening				
BPHCL-132 Course Title: Mechanics Laboratory	15/04/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	1	2	1. Length measurement.	Dr. Vinod Rathore  1506, HSC, Indore Email Address: ignou_1506@rediffmail.com
					2	2. Determination of moment of inertia of a fly wheel about its axis of rotation	
					4	3. Determination of Young's modulus by bending of beams.	
	16/04/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	2	4	4. Determination of the modulus of rigidity of a wire using Maxwell's needle.	
					4	5. Determination of elastic constants of a wire by Searle's method.	
	17/04/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	3	4	6. Determination of acceleration due to gravity using bar pendulum.	
					4	7. Determination of acceleration due to gravity by Kater's pendulum.	
	18/04/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	4	8	8. Study of the motion of a spring-mass system: determination of spring constant and value of acceleration due to gravity.	
					8	9. Determination of frequency of tuning fork using sonometer.	
	21/04/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	5	8	10. Study of Lissajous figures using a cathode ray oscilloscope.	
					8	Revision	
	22/04/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	6	4	Practical Examination and viva voce	
					4		

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

**Important points**

1. For Lab courses of 02 credits, there are 06 practical sessions in 48 hours 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

Dr. Sanjay Vyas  
 (Study Center Coordinator)  
 1506, Govt HSC Indore

Coordinator  
 Indira Gandhi National Open University  
 Study Centre 506 Holkar Science College.

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

Dr. U.C.Pandey  
 (Regional Director)  
 IGNOU Regional Centre Bhopal

06

**Indira Gandhi National Open University**  
**REGIONAL CENTRE BHOPAL**  
**Practical Counseling Schedule for BSCG Programme TEE December- 2025**  
**Venue: Physics Department Govt Holkar Science College, Indore, Madhya Pradesh**

Practical Counseling	Date	Timing		Session	Hours	Topic to be covered (Block/Unit)	Academic Counselor/ Examiner
		Morning	Evening				
<b>BPHCL-134</b> <b>Course Title: Electricity and Magnetism: Laboratory</b>	23/04/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	1	2	1. Measurements with a multimeter.	Dr. Vinod Rathore 1506, HSC, Indore Email Address: ignou_1506@rediffmail.com
					2	2. Study of magnetisation intensity in a magnetic material.	
					4	3. Study of a series RC circuit.	
	24/04/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	2	4	4. Study of a series LCR circuit.	
					4	5. Study a parallel LCR circuit.	
	25/04/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	3	4	6. Determination of low resistance by Carey Foster's bridge.	
					4	7. Verification of Thevenin and Norton theorems.	
	27/04/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	4	8	8. Verification of superposition and maximum power transfer theorems.	
	28/04/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	5	8	9. I-V characteristics of a p-n junction diode.	
						10. Study of half-wave/full-wave rectifiers and filter circuits.	
	29/04/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	6	4	Revision	
					4	Practical Examination and viva voce	

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

**Important points**

1. For Lab courses of 02 credits, there are 06 practical sessions in 48 hours 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.

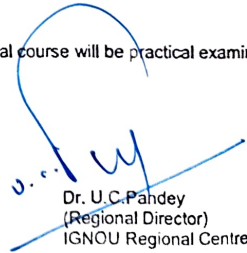
With Best Wishes

Dr. Sanjay Vyas  
(Study Center Coordinator)  
1506, Govt HSC Indore



**Coordinator**

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



Dr. U.C. Pandey  
(Regional Director)  
IGNOU Regional Centre Bhopal

03



**Indira Gandhi National Open University**  
**REGIONAL CENTRE BHOPAL**  
**Practical Counseling Schedule for BSCG Programme TEE December- 2025**  
**Venue: Physics Department Govt Holkar Science College, Indore, Madhya Pradesh**

Practical Counseling	Date	Timing		Session	Hours	Topic to be covered (Block/Unit)	Academic Counselor/ Examiner
		Morning	Evening				
BPHCL-136 Course Title: Thermal Physics and Statistical Mechanics: Laboratory	12/05/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	1	2	1. Measurement of Planck's constant using black body radiation. 2. Determination of Stefan's constant using black body radiation. 3. Determination of the coefficient of thermal conductivity of copper by Searle's apparatus. 4. Determination of the coefficient of thermal conductivity of a bad conductor by Lee and Charlton's disc method. 5. Study of variation of thermo-emf with temperature. 6. Determination of specific heat capacity of liquid using the method of cooling. 7. Study of temperature variation of surface tension of a liquid. 8. Study of phase transitions and interpretation of cooling curves. 9. Determination of specific heat of a liquid using a calorimeter. 10. Determination of the temperature coefficient of resistance by platinum resistance	Dr. Vinod Rathore  1506, HSC, Indore Email Address: ignou_1506@rediffmail.com
					2		
					4		
	13/05/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	2	4		
					4		
	14/05/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	3	4		
					4		
15/05/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	4	8			
				8			
16/05/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	5	8			
				8			
18/05/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	6	4	Revision		
				4	Practical Examination and viva voce		

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

**Important points**

1. For Lab courses of 02 credits, there are 06 practical sessions in 48 hours 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

Dr. Sanjay Vyas  
(Study Center Coordinator)  
1506, Govt HSC Indore

*Coordinator*

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

Dr. U.C.Pandey  
(Regional Director)  
IGNOU Regional Centre Bhopal

**Indira Gandhi National Open University**  
**REGIONAL CENTRE BHOPAL**  
**Practical Counseling Schedule for BSCG Programme TEE December- 2025**  
**Venue: Physics Department Govt Holkar Science College, Indore, Madhya Pradesh**

Practical Counseling	Date	Timing		Session	Hours	Topic to be covered (Block/Unit)	Academic Counselor/ Examiner	
		Morning	Evening					
<b>BPHCL-138</b> <b>Course Title: Waves and Optics: Laboratory</b>	19/05/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	1	2	1. Refractive index of the material of a given prism. 2. Investigations with polarised light using polarimeter. 3. Determination of the value of Cauchy constant of the material of a prism using mercury light. 4. Determination of wavelength of sodium light using Fresnel biprism. 5. Determination of wavelength of sodium light using Newton's rings. 6. Determination of wavelength of sodium/ mercury light using plane diffraction grating. 7. Determination of dispersive power of the material of a given prism using mercury light. 8. Determination of resolving power of a prism. 9. Determination of wavelength of laser light using diffraction from a thin wire. 10. Study of the intensity of single slit diffraction pattern of a laser using photo sensor.	<b>Dr. Vinod Rathore</b>  <b>1506, HSC, Indore</b> <b>Email Address:</b> <b>ignou_1506@rediffmail.com</b>	
					2			
					4			
	20/05/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	2	4			
					4			
	21/05/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	3	4			
					4			
	22/05/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	4	8			
	23/05/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	5	8			
	25/05/2026	09.00AM to 01.00 PM	01.30 PM to 05.30 PM	6	4			Revision
					4			Practical Examination and viva voce

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

**Important points**

1. For Lab courses of 02 credits, there are 06 practical sessions in 48 hours 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

Dr. Sanjay Vyas  
(Study Center Coordinator)  
1506, Govt HSC, Indore  
Indira Gandhi National Open University  
Physics Department, Govt Holkar Science College

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

Dr. U.C. Pandey  
(Regional Director)  
IGNOU Regional Centre Bhopal