



**Indira Gandhi National University  
Regional Centre, Bhopal**

**Practical Counseling Schedule for MSCPH 1<sup>ST</sup> YEAR Programme TEE Dec. 2025  
Reporting Place : IGNOU LSC-1504, Jiwaji University, Gwalior**

**MPHL- 009: General Physics Laboratory**

Session	Date	Timing		Session No.	Block/Unit	COUNSELLOR NAME	Venue
		From	To				
Practical Counseling	13/03/2026	09:30	01:30	1	Intro. General Physics	Dr. Shruti Sharma	LSC-1504 Jiwaji University, Gwalior
	14/03/2026	09:30	01:30	2	fundamental physics concepts, and gain valuable experience in laboratory techniques	Dr. Shruti Sharma	
	15/03/2026	09:30	01:30	3	Measurement of charge (e) by Millikan oil drop method.	Dr. Shruti Sharma	
	16/03/2026	09:30	01:30	4	Determination of (e/m) by Thomson's method.	Dr. Shruti Sharma	
	17/03/2026	09:30	01:30	5	Determination of Planck's constant using photoelectric effect.	Dr. Shruti Sharma	
	18/03/2026	09:30	01:30	6	Determination of resistivity of a solid and band gap of a semiconductor using Four Probe method.	Dr. Shruti Sharma	
	20/03/2026	09:30	01:30	7	Measurement of Hall coefficient.	Dr. Shruti Sharma	
	21/03/2026	09:30	01:30	8	Measurement of thickness of a thin film.	Dr. Shruti Sharma	
	22/03/2026	09:30	01:30	9	Refractive index using interferometry.	Dr. Shruti Sharma	
	23/03/2026	09:30	01:30	10	Magnetic susceptibility of a solid.	Dr. Shruti Sharma	
	24/03/2026	09:30	01:30	11	Velocity of sound in air.	Dr. Shruti Sharma	
	25/03/2026	09:30	01:30	12	Thermal conductivity of a solid (Teflon /Aluminium /Brass /Copper).	Dr. Shruti Sharma	
	26/03/2026	09:30	01:30	13	Dielectric constant of ice.	Dr. Shruti Sharma	
	28/03/2026	09:30	01:30	14	Determination of the wavelength of laser beam using Michelson Interferometer.	Dr. Shruti Sharma	

**Exam and viva of Practical Assignment will be held on 29.03.2026 at Study center 1504, Time 10:00 AM to 01:00 PM**

**Note:-**

1. Attendance for practical courses is 100% compulsory in all sessions.
2. All learners are required to go through the study material for the above mentioned courses.
3. Candidates, who have not attended practical, may inform the LSC in advance. In case you have already completed you need not to attend the practical.

विशेष : जिन छात्रों का प्रवेश सत्र जनवरी 2025 या उससे पूर्व का है , ऐसे छात्र प्रैक्टिकल काउंसलिंग हेतु उपस्थित हो सकते हैं .

  
**Dr. D. C. Gupta**  
LSC/In charge

**Dr. Smiriti Gargava**  
Deputy Director

**Dr. U. C. Pandey**  
Sr. Regional Director



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**Practical Counseling Schedule for MSCPH 1<sup>ST</sup> YEAR Programme TEE Dec. 2025**  
Reporting Place : IGNOU LSC-1504, Jiwaji University, Gwalior

**MPHL- 010: Electronics Laboratory**

Session	Date	Timing		Session No.	Block/Unit	COUNSELLOR NAME	Venue
		From	To				
Practical Counseling	13/03/2026	02:00	06:00	1	Basic fundamental concepts & Properties of physics	Dr. Sakshi Gautam	LSC-1504 Jiwaji University, Gwalior
	14/03/2026	02:00	06:00	2	Study of UJT characteristics	Dr. Sakshi Gautam	
	15/03/2026	02:00	06:00	3	Study of MOSFET characteristics	Dr. Sakshi Gautam	
	16/03/2026	02:00	06:00	4	Study of photodiode characteristics	Dr. Sakshi Gautam	
	17/03/2026	02:00	06:00	5	Study of CE amplifier at small and large signals	Dr. Sakshi Gautam	
	18/03/2026	02:00	06:00	6	Design, assembly and testing of R-C Oscillator	Dr. Sakshi Gautam	
	20/03/2026	02:00	06:00	7	Study of differential amplifier	Dr. Sakshi Gautam	
	21/03/2026	02:00	06:00	8	Design, assembly and testing of IC 723 based power supply	Dr. Sakshi Gautam	
	22/03/2026	02:00	06:00	9	Study of wave shaping circuits	Dr. Sakshi Gautam	
	23/03/2026	02:00	06:00	10	Design, assembly and testing of Schmitt trigger and function generator	Dr. Sakshi Gautam	
	24/03/2026	02:00	06:00	11	Design, assembly and testing of Multivibrators	Dr. Sakshi Gautam	
	25/03/2026	02:00	06:00	12	Design, assembly and testing of DAC	Dr. Sakshi Gautam	
	26/03/2026	02:00	06:00	13	Design, assembly and testing of Amplitude Modulator	Dr. Sakshi Gautam	
	28/03/2026	02:00	06:00	14	Micro-controller programming	Dr. Sakshi Gautam	

**Exam and viva of Practical Assignment will be held on 29.03.2026 at Study center 1504, Time 10:00 AM to 01:00 PM**

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