



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

**Practical Counseling Schedule for MSCPH 1ST YEAR Programme TEE JUNE 2024
Reporting Place : IGNOU LSC-1504, Jiwaji University, Gwalior**

MPL- 009: General Physics Laboratory

Session	Date	Timing		Session No.	Block/Unit	COUNSELLOR NAME	Venue
		From	To				
Practical Counseling	31 Aug 2024	10:00	02:00	1	Intro. General Physics	DANISH ABDULLAH	LSC-1504 Jiwaji University, Gwalior
	01 Sep. 2024	10:00	02:00	2	fundamental physics concepts, and gain valuable experience in laboratory techniques	DANISH ABDULLAH	
	02 Sep. 2024	10:00	02:00	3	Measurement of charge (e) by Millikan oil drop method.	DANISH ABDULLAH	
	03 Sep. 2024	10:00	02:00	4	Determination of (e/m) by Thomson's method.	DANISH ABDULLAH	
	04 Sep. 2024	10:00	02:00	5	Determination of Planck's constant using photoelectric effect.	DANISH ABDULLAH	
	05 Sep. 2024	10:00	02:00	6	Determination of resistivity of a solid and band gap of a semiconductor using Four Probe method.	DANISH ABDULLAH	
	06 Sep. 2024	10:00	02:00	7	Measurement of Hall coefficient.	DANISH ABDULLAH	
	07 Sep. 2024	10:00	02:00	8	Measurement of thickness of a thin film.	DANISH ABDULLAH	
	08 Sep. 2024	10:00	02:00	9	Refractive index using interferometry.	DANISH ABDULLAH	
	09 Sep. 2024	10:00	02:00	10	Magnetic susceptibility of a solid.	DANISH ABDULLAH	
	10 Sep. 2024	10:00	02:00	11	Velocity of sound in air.	DANISH ABDULLAH	
	11 Sep. 2024	10:00	02:00	12	Thermal conductivity of a solid (Teflon /Aluminium /Brass /Copper).	DANISH ABDULLAH	
	12 Sep. 2024	10:00	02:00	13	Dielectric constant of ice.	DANISH ABDULLAH	
	13 Sep. 2024	10:00	02:00	14	Determination of the wavelength of laser beam using Michelson Interferometer.	DANISH ABDULLAH	

Exam and viva of Practical Assignment will be held on 15.09.2024 at Study center 1504, Time 11AM to 02 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 जुलाई 2023 या उससे पूर्व का है ,ऐसे छात्र प्रैक्टिकल काउंसलिंग हेतु उपस्थित हो सकते हैं .



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**Practical Counseling Schedule for MSCPH 1ST YEAR Programme TEE JUNE 2024
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	31 Aug 2024	02:00	06:00	1	Basic fundamental concepts & Properties of physics	DANISH ABDULLAH	LSC-1504 Jiwaji University, Gwalior
	01 Sep. 2024	02:00	06:00	2	Study of UJT characteristics	DANISH ABDULLAH	
	02 Sep. 2024	02:00	06:00	3	Study of MOSFET characteristics	DANISH ABDULLAH	
	03 Sep. 2024	02:00	06:00	4	Study of photodiode characteristics	DANISH ABDULLAH	
	04 Sep. 2024	02:00	06:00	5	Study of CE amplifier at small and large signals	DANISH ABDULLAH	
	05 Sep. 2024	02:00	06:00	6	Design, assembly and testing of R-C Oscillator	DANISH ABDULLAH	
	06 Sep. 2024	02:00	06:00	7	Study of differential amplifier	DANISH ABDULLAH	
	07 Sep. 2024	02:00	06:00	8	Design, assembly and testing of IC 723 based power supply	DANISH ABDULLAH	
	08 Sep. 2024	02:00	06:00	9	Study of wave shaping circuits	DANISH ABDULLAH	
	09 Sep. 2024	02:00	06:00	10	Design, assembly and testing of Schmitt trigger and function generator	DANISH ABDULLAH	
	10 Sep. 2024	02:00	06:00	11	Design, assembly and testing of Multivibrators	DANISH ABDULLAH	
	11 Sep. 2024	02:00	06:00	12	Design, assembly and testing of DAC	DANISH ABDULLAH	
	12 Sep. 2024	02:00	06:00	13	Design, assembly and testing of Amplitude Modulator	DANISH ABDULLAH	
	13 Sep. 2024	02:00	06:00	14	Micro-controller programming	DANISH ABDULLAH	

Exam and viva of Practical Assignment will be held on 15.09.2024 at Study center 1504, Time 11AM to 02 PM

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