

PH211: General Physics Laboratory (Aug-Nov 2025)

Undergraduate Programme and Int. Ph.D

Timetable

Week	1	2	3	4	5	6	7		8	9	10	11	12	13
Dates	Aug 11,13	Aug 18, 20,22	Aug 25, 29	Sep 1,3	Sep 8, 9, 12	Sep 15, 17,19	Sep 22, 24, 26 (tentative)	Sep 29, Oct 3	Oct 6, 8, 10	Oct 13,15,17	Oct 22,24	Oct 27, 29, 31	Nov 3,7	Nov 10,12,14 (tentative)
Batch														
UG 01	NMR	TVD		NORM		ELPL				RN	SOL	LOCK		
UG02	NMR	ELPL	TVD		NORM					LOCK	RN	SOL		
UG 03	RN		NMR	TVD	LOCK				NORM	ELPL	SOL			
UG 04		ELPL		NMR	TVD	LOCK			SOL	NORM		RN		
UG 05	LOCK		ELPL		NMR	TVD			RN	SOL	NORM			
UG 06	SOL		RN	ELPL		NMR			LOCK		TVD	NORM		
UG 07	SOL	RN		LOCK	ELPL					TVD	NMR	NORM		
UG 08		SOL	LOCK		RN	ELPL			NMR	NORM		TVD		
IPHD 01	UV-VIS	SOL		RN		NORM	M	R	ELPL	NMR		XRD	R	E
IPHD 02	NORM		SOL	UV-VIS	RN		I	E	XRD	ELPL	NMR		E	N
IPHD 03	UV-VIS	NORM		SOL		RN	D	P		XRD	ELPL	NMR	P	D
IPHD 04		NMR	NORM	UV-VIS	SOL		S	E	RN		XRD	ELPL	E	
							E	A					A	S
							M	T					T	E
UG 09	NMR	TVD		NORM		ELPL				RN	SOL	LOCK		M
UG 10	NMR	ELPL	TVD		NORM					LOCK	RN	SOL		
UG 11	RN		NMR	TVD	LOCK				NORM	ELPL	SOL			
UG 12		ELPL		NMR	TVD	LOCK			SOL	NORM		RN		
UG 13	LOCK		ELPL		NMR	TVD			RN	SOL	NORM			
UG 14	SOL		RN	ELPL		NMR			LOCK		TVD	NORM		
UG 15	SOL	RN		LOCK		NMR			ELPL	TVD		NORM		
UG 16		SOL	LOCK		RN	ELPL			NMR	NORM		TVD		
UG 17		SOL		RN	ELPL	NORM			TVD	NMR	LOCK			
IPHD 05	NORM		SOL	UV-VIS	RN				XRD	ELPL	NMR			
IPHD 06	UV-VIS	NORM		SOL		RN				XRD	ELPL	NMR		
IPHD 07		NMR	NORM	UV-VIS	SOL				RN		XRD	ELPL		

LIST OF EXPERIMENTS

Sl no.	Experiment	Abbreviation	TA	
1	Nuclear magnetic resonance in polystyrene, glycerine and teflon	NMR	Hiranmay Das	UG & IPHD
2	Optical determination of velocity of sound in liquids. (Raman Nath experiment)	RN	Rajdeep Mitra	UG & IPHD
3	Recording the current-voltage characteristics of a solar battery as a function of the irradiance	SOL	Bismaya Ranjan Nayak	UG & IPHD
4	Investigating the elastic and plastic extension of metallic wire	ELPL	Rudra Khanra	UG & IPHD
5	Wave Phenomena in an Acoustic Resonant Chamber	NORM	Sk Md Julian	UG & IPHD
6	Lock-in-Detection	LOCK	Pavithra Rao	UG
7	Thin Film Deposition by Thermal Evaporation	TVD	Parthsarathi K	UG
8	UV – VIS spectrometer	UV-VIS	Rashmi R K	IPHD
9	Examination of the structure of NaCl monocrystals with different orientations	XRD	Rashmi R K	IPHD

UG STUDENTS						
SL NO.	NAME			SL NO.	NAME	
1	ABHIMANYU AMBIKAPATHY	UG 01		37	VAIBHAV RAJ	UG 13
2	AISHIK NATH			38	VIKAS VENKANAGOUD PATIL	
3	ALDRIN NATH			39	WRITIPRIYA PAUL	
4	ALIV SAHOO	40		YASHASWINI K	UG 14	
5	AMRITA SADHURAM NOTANI	41		RITABRATA GHOSH		
6	ARANYA BANIK	42		VIVEK MENON		
7	ARYAN RAVINDRA SOMKUWAR	UG 03		43	PRIYANSHU PASWAN	UG 15
8	BHAVESH KUMAR ACHARYA			44	ARNAV KUMAR	
9	BIBHU PRASAD BEHERA			45	PATRICIA KSHETRI	
10	CHINMAY ANIL PANCHARIYA	UG 04		46	JYOSHNA BANOTH	UG 16
11	DIVYA ASHWIN TULAPURKAR			47	RISHABH HANGAL	
12	RASAPALLI GANESH SAI			48	AADITHYA ULLAS	
13	GEETH SAMEER BATT	UG 05		49	BISHWASWARUP NAYAK	UG 17
14	INDU BAL			50	SUBHANAN BANERJEE	
15	ABHINAV KANNEGANTI			51	LALLAWMSANGA R	
16	KABYADEEP DAS	UG 06		52	ADITYA DE	
17	KALPESH BHATNAGAR					
18	KALPIT PRABHAT					
19	KAPIL	UG 07				
20	PRANAY KUMAR					
21	KRISH TUNDWAL					
22	NAMAN GOYAL	UG 08				
23	NIRMIT ALPESHBHAI BHANDERI					
24	PRANAV RAGHU KORATAGERE					
25	PRATEEK KUMAR	UG 09				
26	RISHIK DUTT REDDY					
27	SACHIN GHONGDE					
28	GUNDA SAI VINAY	UG 10				
29	SAYAK MAJI					
30	SAYOOJ P					
31	SHRIPAD BODUCHARLA	UG 11				
32	SHUBHAM JHA					
33	SIMAR NARULA					
34	SRIRAJ CHANDRA	UG 12				
35	SURESH KARTHIK					
36	SUSMIT ROY					

IPHD STUDENTS		
Sl. no	NAME	GROUP
1	SUBHRANIL SINHA	IPHD 01
2	PRITAM PRAMANIK	
3	AVANTIKA NIKHREY	
4	KISHORE KUMAR P	IPHD 02
5	KRIPA SWARNKAR	
6	BARSHARANI BHUE	
7	DINESH NAYAK	IPHD 03
8	DARPAN CHAKRABARTI	
9	MIZAN ALI	
10	LIPIKA PATRA	IPHD 04
11	AKSHAT GUPTA	
12	DHARMA NIRANJAN SENAPATI	
13	ABISHANKA NASKAR	IPHD 05
14	ABHINAV RAJ SHARMA	
15	SANKALAN JAIN	
16	PRIYABRATA BHATTACHARJEE	IPHD 06
17	RANJITH S	
18	JAYITA BISWAS	
19	PATEL KHUSHI NITINKUMAR	IPHD 07
20	NARAYAN BARMAN	
21	MAYANK KUMAR	

BATCH 1

SL NO.	NAME	
1	ABHIMANYU AMBIKAPATHY	UG 01
2	AISHIK NATH	
3	ALDRIN NATH	
4	ALIV SAHOO	UG 02
5	AMRITA SADHURAM NOTANI	
6	ARANYA BANIK	
7	ARYAN RAVINDRA SOMKUWAR	UG 03
8	BHAVESH KUMAR ACHARYA	
9	BIBHU PRASAD BEHERA	
10	CHINMAY ANIL PANCHARIYA	UG 04
11	DIVYA ASHWIN TULAPURKAR	
12	RASAPALLI GANESH SAI	
13	GEETH SAMEER BATT	UG 05
14	INDU BAL	
15	ABHINAV KANNEGANTI	
16	KABYADEEP DAS	UG 06
17	KALPESH BHATNAGAR	
18	KALPIT PRABHAT	
19	KAPIL	UG 07
20	PRANAY KUMAR	
21	KRISH TUNDWAL	
22	NAMAN GOYAL	UG 08
23	NIRMIT ALPESHBHAI BHANDERI	
24	PRANAV RAGHU KORATAGERE	
25	SUBHRANIL SINHA	IPHD 01
26	PRITAM PRAMANIK	
27	AVANTIKA NIKHREY	
28	KISHORE KUMAR P	IPHD 02
29	KRIPA SWARNKAR	
30	BARSHARANI BHUE	
31	DINESH NAYAK	IPHD 03
32	DARPAN CHAKRABARTI	
33	MIZAN ALI	
34	LIPIKA PATRA	IPHD 04
35	AKSHAT GUPTA	
36	DHARMA NIRANJAN SENAPATI	

BATCH 2

SL NO.	NAME	
1	PRATEEK KUMAR	UG 09
2	RISHIK DUTT REDDY	
3	SACHIN GHONGDE	
4	GUNDA SAI VINAY	UG 10
5	SAYAK MAJI	
6	SAYOOJ P	
7	SHRIPAD BODUCHARLA	UG 11
8	SHUBHAM JHA	
9	SIMAR NARULA	
10	SRIRAJ CHANDRA	UG 12
11	SURESH KARTHIK	
12	SUSMIT ROY	
13	VAIBHAV RAJ	UG 13
14	VIKAS VENKANAGOUD PATIL	
15	WRITIPRIYA PAUL	
16	YASHASWINI K	UG 14
17	RITABRATA GHOSH	
18	VIVEK MENON	
19	PRIYANSHU PASWAN	UG 15
20	ARNAV KUMAR	
21	PATRICIA KSHETRI	
22	JYOSHNA BANOTH	UG 16
23	RISHABH HANGAL	
24	AADITHYA ULLAS	
25	BISHWASWARUP NAYAK	UG 17
26	SUBHANAN BANERJEE	
27	LALLAWMSANGA R	
28	ADITYA DE	IPHD 05
29	ABISHANKA NASKAR	
30	ABHINAV RAJ SHARMA	
31	SANKALAN JAIN	IPHD 06
32	PRIYABRATA BHATTACHARJEE	
33	RANJITH S	
34	JAYITA BISWAS	IPHD 07
35	PATEL KHUSHI NITINKUMAR	
36	NARAYAN BARMAN	
37	MAYANK KUMAR	