

PH-211: General Physics Laboratory (Aug-2019)
Undergraduate Programme, Indian Institute of Science

Time table

BATCH #	W-1 Aug. 5-9	W-2 Aug. 14 & 16	W-3 Aug. 19-23	W-4 Aug. 26-30	W-5 Sept. 2-6	W-6 Sept. 9-13	W-7 Sept. 16-20	W-8 Sept. 23-27	W-9 Sep 30, Oct 1-4	W-10 Oct. 7-11	W-11 Oct. 14-18	W-12 Oct. 21-25	W-13 Oct. 28-31 Nov1	W-14 Nov. 4-8	W-15 Nov. 11-15	W-16 Nov. 18-22
B1	1	1	2	3	4	5	R e p e a t (1)	M i d t e r m e x a m	6	7	8	9	10	R e p e a t (2)	R e p e a t (3)	F I N A L E X A M
B2	1	1	2	3	4	5			6	7	8	9	10			
B3	2	2	3	4	5	1			7	8	9	10	6			
B4	2	2	3	4	5	1			7	8	9	10	6			
B5	3	3	4	5	1	2			8	9	10	6	7			
B6	3	3	4	5	1	2			8	9	10	6	7			
B7	4	4	5	1	2	3			9	10	6	7	8			
B8	4	4	5	1	2	3			9	10	6	7	8			
B9	5	5	1	2	3	4			10	6	7	8	9			
B10	5	5	1	2	3	4			10	6	7	8	9			
B11	6	6	7	8	9	10			1	2	3	4	5			
B12	6	6	7	8	9	10			1	2	3	4	5			
B13	7	7	8	9	10	6			2	3	4	5	1			
B14	7	7	8	9	10	6			2	3	4	5	1			
B15	8	8	9	10	6	7			3	4	5	1	2			
B16	8	8	9	10	6	7			3	4	5	1	2			
B17	9	9	10	6	7	8			4	5	1	2	3			
B18	9	9	10	6	7	8			4	5	1	2	3			
B19	10	10	6	7	8	9			5	1	2	3	4			
B20	10	10	6	7	8	9			5	1	2	3	4			
B21*	10	10	6	7	8	9			5	1	2	3*	4*			

List of Experiments

- Identification of NaCl monocrystals (with X-ray unit): **S03**
- Gama ray absorption with MCA (calibration & attenuation coefficient): **S04**
- NMR (find the magneto-gyric ratio of Hydrogen and Fluorine): **S07**
- Velocity of sound in liquids (Raman-Nath experiment): **G15A**
- Normal modes in (3D): **S01 and 04**
- Solar cell: **S07**
- UV-VIS spectroscopy (Band gap of a semiconductor and thin film thickness): **S04**
- Elastic Plastic deformation: **G15A**
- X-ray fluorescence with MCA: **S04**
- Rutherford scattering: **S01**

**PH-211 (2019): 5th Semester (2017 batch Physics-majors) UG and
1st semester Integrated PhD-2019 (Physical Sciences) students**

Batch #	UG: Physics majors		
1	Adithyan K V	Divij Mishra	Pratyush Menon
2	Adepu Preetham Kumar	Divyoj Singh	Praveen J
3	Aditi Aith Pujar	Girish Bharat Kumbhar	S Ramachandra Bangari
4	Agrim Sharma	Gokul Krishna	Rimika Jaiswal
5	Aman Anand	Harsh Raj	S Rishi
6	Anish Bhattacharya	Kaarthik Varma	Sandra Santhosh
7	Ansh Kuhikar	Kruthi K	Sayan Singha
8	Ahmed Nazeer Rawther	M Prashant Krishnan	S Shrihari
9	Archisman Panigrahi	Nandagopal M	Siddarth Kumar
10	Arpit Behera	Ninad Hemant Huilgol	Sourav Ranjan Saraf
11	Barath Mohan U	Patwardhan Ameya	Sreekar Gunda
12	Bhandaru Phani Parasar	Piush Ranjan Jena	Vinay Vikramaditya
13	Dharanish R	Prabhu Ashwith Varadaraj	Vivek Maurya
IPhD: Physical Sciences			
14	Manvi Verma	Akash Kumar Saha	Pritam Pal
15	Suvronil Datta	Ronika Sarkar	Brateen Pal
16	Shovon Swarnakar	Nandana Bhattacharya	Abhigyan Goswami
17	Arup Singha	Shefali Srivastava	Robin Bajaj
18	Souravi Mukherjee	Harsimran Kaur Mann	Debapriyo Chowdhury
19	<i>Yash Mehul Mehta*</i>	Saumya Ladhani	Mohit Kumar Jat
20	Samarth Misra	Karandeep Singh	Chaitanya Bhatt
21	Mainak Mondal	Srijan Kumar	