



Indian Institute of Technology, Kanpur
DEPARTMENT OF PHYSICS

List of Courses (2022-2023-II)

	Course No	Course Name	Instructor	Email
1.	PHY 111	Physics Laboratory (Asynchronous)	Aditya H Kelkar	akelkar
2.	PHY 112	Classical Dynamics (Asynchronous)	Diptarka Das	didas
3.	PHY 113	Introduction to Electromagnetism (Asynchronous)	Zakir Hossain	zakir
4.	PHY 114	Introduction to Quantum Physics (Asynchronous)	Anand Kumar Jha	akjha
5.	PHY 115	Oscillations and Waves (Asynchronous)	K P Rajeev	kpraj
6.	PSO201/PHY204A	Quantum Physics	Sudipta Dubey	sudiptad
7.	PHY210A	Thermal Physics	Anjan Kumar Gupta	anjankg
8.	PHY226B	Special Relativity	Gautam Sengupta	sengupta
9.	PHY306A	Order and chaos in nature	Sagar Chakraborty	sagarc
10.	PHY312A	Quantum Processes In Low Dimensional Semiconductors	Adhip Agarwala	adhip
11.	PHY412A	Statistical Mechanics	Debashish Chowdhury	debch
12.	PHY422/PHY625A	Mathematical Methods II	Kaushik Bhattacharya	kaushikb
13.	PHY432A	Quantum Mechanics II	Debtosh Chowdhury	debtoshc
14.	PHY461/PHY462	M.Sc. Laboratory	Krishnacharya	kcharya
15.	PHY473A	Computational Physics	Tarakanath Mandal	tarakanath
16.	PHY 501+ 502	M.Sc. Review Project II M.Sc. Review Project III	Sagar Chakraborty	sagarc
17.	PHY 524A	Introduction to Atomic and Nuclear Physics	Saikat Ghosh	gsaikat
18.	PHY 526A	Nuclear and Particle Physics	Dipankar Chakrabarti	dipankar
19.	PHY 552A	Classical Electrodynamics I	Soumik Mukhopadhyay	soumikm
20.	PHY 553A	Classical Electrodynamics II	Nilay Kundu	nilayhep
21.	PHY 557 + 558	BS Project III + IV	Sudeep K Ghosh	skghosh
22.	PHY 566+568+565	MSc Project III + IV + II	Amit Agarwal	amitag
23.	PHY597/599 /697/699	MSc Research Project I MSc Research Project II	Satyajit Banerjee	satyajit
24.	PHY606A	Soft Matter: Concepts and methods	Manas Khan	mkhan
25.	PHY622A	Condensed Matter Theory II	Sudeep K. Ghosh	skghosh
26.	PHY624A	Magnetism in Materials	Chanchal Sow	chanchal
27.	PHY634A	Low temperature physics	Jayita Nayak	jnyak
28.	PHY661A	Turbulence in space plasmas	Supratik Banerjee	sbanerjee
29.	PHY677A	Optical Imaging	V. Jayasurya	jayasurya
30.	PHY680A	Particle physics	Sabyasachi Chakraborty	sabyac
31.	PHY690Q	Cooperative phenomena in classical and quantum systems	Amit Dutta	dutta
32.	PHY690V	Photonic devices	Vijaya R.	rvijaya
33.	PHY690Z	Tapestry of Field theory: Classical & Quantum, Equilibrium & Nonequilibrium Perspectives	M. K. Verma	mkv
34.	PHY693A	Introduction to Spintronics	Rohit Medwal	rmedwal
35.	PHY781A	High Energy Physics II	Joydeep Chakraborty	Joydeep
36.	PHY799	Research	Joydeep Chakraborty	Joydeep