Indian Institute of Technology, Kanpur
DEPARTMENT OF PHYSICS
Revised List of Courses (2023-2024-II)

	Course No	Course Name	Instructor
1.	PHY111	Physics Laboratory	Soumik Mukhopadhyay*
2.	PHY112	Classical Dynamics	Amit Agarwal*, Rohit Medwal
3.	PHY113	Introduction to Electromagnetism	Dipankar Chakrabarti*, Nilay Kundu
4.	PHY114	Introduction to Quantum Physics	Anjan K Gupta*, Y N Mohapatra
5.	PHY115	Oscillations and Waves	K.P.Rajeev*, Satyajit Banerjee
6.	PHY204/PSO201	Quantum Physics	Sudipta Dubey
7.	PHY205M	Fundamentals of Soft Matter	Manas Khan
8.	PHY210	Thermal Physics	Koushik Pal
9.	PHY226B	Special Relativity	Swagata Mukherjee
10.	PHY307	Modern Optics	R Vijaya
11.	PHY406	Introduction to Quantum Materials	Adhip Agarwala
12.	PHY412	Statistical Mechanics	Jayanta K Bhattacharjee
13.	PHY461/PHY462	M.Sc. Laboratory	Zakir Hossain
14.	PHY552	Classical Electrodynamics I	Avinash Singh
15.	PHY501+ 502	M.Sc. Review Project II M.Sc. Review Project III	Taraknath Mandal
16.	PHY557 + 558	BS Project III + IV	Anand Kumar Jha
17.	PHY566+568	MSc Project III + IV	Diptarka Das
18.	PHY597/599 /697/699	MSc Research Project I MSc Research Project II	Sivasurender Chandran
19.	PHY600	Introduction to Profession and Communication Skills for Physicists	Manoj Harbola
20.	PHY607	Quantum Many body physics	Arijit Kundu
21.	PHY611 (PHY526)	Nuclear and Particle Physics	Navaneeth P.
22.	PHY612(PHY524)	Atomic Molecular & Optical Physics	Saikat Ghosh
23.	PHY617(PHY473)	Computational Physics	Gopal Hazra
24.	PHY622	Condensed Matter II	Sudeep K Ghosh
25.	PHY624	Magnetism in Materials	Soumik Mukhopadhyay
26.	PHY625 (PHY422)	Mathematical Methods II	Kaushik Bhattacharjee
27.	PHY626(PHY432)	Quantum Mechanics II	Debtosh Chowdhury
28.	PHY649	Photonic Green Nanotechnology	S. A. Ramakrishna
29.	PHY661	Turbulence in Space Plasma	Supratik Banerjee
30.	PHY665	Uncertainty Information and Classical Dynamics	Sagar Chakraborty
31.	PHY676	Quantum Technology	S. Ranjita Chanu
32.	PHY678	Nanomagnetism Spintronics and Applications	Rohit Medwal
33.	PHY680	Particle physics	Sabyasachi Chakraborty
34.	PHY690J	Group Theory and its application to High Energy Physics	Joydeep Chakrabortty
35.	PHY690M	Advanced General Relativity And Black Holes	T Sarkar
36.	PHY690Z	Tapestry of Field theory: Classical & Quantum, Equilibrium & Nonequilibrium Perspectives	M.K.Verma
37.	PHY692	Measurement Techniques	Aditya Kelkar*, Krishnacharya
38.	PHY701/702	Physics Seminar Course I/II	Taraknath Mandal
39.	PHY781	High Energy Physics II	Arjun Bagchi
40.	PHY799	Research	Sagar Chakrabarti
41.	Prep	Preparatory Course	Manoj Harbola
42.	ETH111	Practical Ethics	S.A Ramakrishna
43.	MSO201T	Probability and Statistics	V Jayasurya Y

* Instructor

Head, Department of Physics