

Tentative courses offered by SoP-Varsha 2021

SI No	Course Name & Code	Faculty
1	Bridge course	Dr. M M Shaijumon, Dr. Manoj AG Namboothiri, Dr. Ravi Pant, Prof. Ramesh Chandra Nath
2	PHY 111 [Mechanics]	Dr MM Shaijumon
3	IDC 111 [Mathematical Tools-I]	Prof Ramesh Chandra Nath
4	PHY112 [Physics Lab I]	Dr Manoj Namboothiri
5	PHY 211 [Optics]	Dr Ravi pant
6	PHY/MSP 311 [Mathematical Methods]	Dr Senthil Kumar
7	PHY 312/3120/MSP312 [Classical Mechanics]	Dr Joy Mitra
8	PHY/MSP313 [Electronics] (minor)	Dr Suhesh Kumar Singh
9	PHY/MSP 314 [Quantum Mechanics – I] (minor)	Prof Anil Shaji
10	PHY/MSP 315 [Advanced Physics Experiments Lab I]	Dr Rajeev Kini
11	PHY 411/PHY 611 Nuclear and Particle Physics	Dr Tanumoy Mandal
12	PHY 412/PHY 612 [Condensed Matter II]	Dr Madhu Thalakulam
13	PHY 413/PHY 613 [Quantum Mechanic II]	Dr Sreedhar Dutta
14	PHY 415 [Advanced Physics Experiment Lab – III]	Dr S Kumaragurubaran
15	PHY/MSP316 (1 Credit Seminar for 1st year IPhD/MSc only)	Dr. Shabnam Iyyani
16	PHY 416 (1 Credit Seminar for 2nd year IPhD)	Dr. Kumaragurubaran S
17	Elective -1 PHY4110/PHY6110 Experimental Methods (Minor)	Dr Vinayak B Kamble
18	Elective – 2 PHY4111/PHY6111 Material & Device Characterization Techniques (SoP Open Elective)	Dr. Bikas C Das
19	Elective – 3 PHY5125/PHY6125 Foundations of Quantum Mechanics (3003)	Dr. Manik Banik
20	Elective – 4 PHY 5150/6150 Quantum Field Theory-II *	Dr. Bindusar Sahoo
21	Elective – 5 PHY 5128/6128 General Theory of Relativity and Cosmology	Dr. Soumen Basak
22	Elective – 6 PHY4120/PHY6120 Semiconductor Physics and Technology	Dr. Tuhin Subhra Maity
23	Elective – 7 PHY5122/PHY6122 Physics at Low temperatures	Dr. Deepshikha Jaiswal
24	IDC112 and IDC122	Dr. Amal Medhi (sharing with Dr. Devaraj & Dr. Sudarshan from SoM)