

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
DEPARTMENT OF PHYSICS

List of Courses for 2019–20-II Semester

Course No	Course Name		
PHY 101	Physics Laboratory	K. P. Rajeev	kpraj
PHY 102	Physics I	Amit Dutta* Arijit Kundu	dutta kundua
PHY 103	Physics II	Manoj Kr. Harbola* Arjun Bagchi	mkh abagchi
PHY 204 /PSO 201	Quantum Physics	Anjan Kumar Gupta	anjankg
PHY 210a	Thermal Physics	Supratik Banerjee	sbanerjee
PHY 226b	Relativity	Nilay Kundu	nilayhep
PHY 303	Principles of Laser and Applications	H Wanare	hwanare
PHY 399	Technical Communication	Y N Mohapatra	ynm
PHY 402	Classical Mechanics II	Sagar Chakraborty	sagarc
PHY 412	Statistical Mechanics	Debashish Chowdhury	debch
PHY 422	Mathematical Methods II	Diptarka Das	didas
PHY 432	Quantum Mechanics II	Dipankar Chakrabarti	dipankar
PHY 461/462	Experimental Physics I & II	Saikat Ghosh	gsaikat
PHY 473	Computational Physics	M K Verma	mkv
PHY 500 /501/502	M.Sc Review Project I, II, III	Sudeep Bhattacharjee	sudeepb
PHY 524	Atomic, Molecular & Optical Physics	Tarun Kanti Ghosh	tkghosh
PHY 526	Nuclear and Particle Physics	Pankaj Jain	pkjain
PHY 553	Classical Electrodynamics II	S A Ramakrishna	sar
PHY 557 / 558	B S Project	Anand Kumar Jha	akjha
PHY 566 / 568	M.Sc Project III + IV	Rajeev Gupta	guptaraj
PHY 597A/599A/ 697A/699A	M S Research Project	Krishnacharya	kcharya
PHY 602	Review of Quantum Physics	Tapobrata Sarkar	tapo
PHY 604	Review of Statistical Physics	Amit Kr. Agarwal	amitag
PHY 606	Soft Matter Physics: Overview & Experimental Techniques	Manas Khan	mkhan
PHY 624	Magnetism in Materials	Soumik Mokhopadhyay	soumikm
PHY 634	Low Temperature Physics	Zakir Hossain	zakir
PHY 660	Gravitation and Cosmology	Kaushik Bhattacharya	kaushikb
PHY 666	Quantum Chaos	Pragya Shukla	spragya
PHY 680	Particle Physics	Joydeep Chakraborty	joydeep
PHY 690M	Advanced General Relativity & Black Holes	Gautam Sengupta	sengupta
PHY 690N	Correlated Electrons & Quantum Magnetism	Avinash Singh	avinas
PHY 690V	Photonic Devices	R Vijaya	rvijaya
PHY 799	Research	Dipankar Chakrabarti	dipankar

* Instructor In-charge