

INDIAN INSTITUTE OF TECHNOLOGY KANPUR  
DEPARTMENT OF PHYSICS

List of Departmental Courses for 2018-19-II Semester

| Course No              | Course Name  | Instructor                              | Login-id        |
|------------------------|--|---|-----------------|
| PHY 101                | Physics Laboratory   | K. P. Rajeev                            | kpraj           |
| PHY 102                | Physics I  | Tapobrata Sarkar*<br>Saikat Ghosh       | tapo<br>gsaikat |
| PHY 103                | Physics II   | Krishnacharya*<br>Saurabh Mani Tripathi | Kcharya<br>smt  |
| PHY 204 / PSO<br>201   | Quantum Physics  | Anjan Kumar Gupta                       | anjankg         |
| PHY 210 a              | Thermal Physics  | Supratik Banerjee                       | sbanerjee       |
| PHY 226 b              | Relativity   | Nilay Kundu                             | ###             |
| PHY 306                | Order & Chaos  | Sagar Chakraborti                       | sagarc          |
| PHY 307 / SE 313       | Modern Optics  | Harshawardhan<br>Wanare                 | hwanare         |
| PHY 399                | Technical Communication                                    | Y N Mohapatra                           | ynm             |
| PHY 412                | Statistical Mechanics                                      | Arijit Kundu                            | kundua          |
| PHY 422                | Mathematical Methods II                                    | Diptarka Das                            | ***             |
| PHY 432                | Quantum Mechanics II                                       | V Subrahmanyam                          | vmani           |
| PHY 461/462            | Experimental Physics I & II                                | Zakir Hossain                           | zakir           |
| PHY 473                | Computational Physics                                      | M K Verma                               | mkv             |
| PHY 500 / 501 /<br>502 | M.Sc Review Project I, II, III                             | Satyajit Banerjee                       | satyajit        |
| PHY 524                | Atomic, Molecular & Optical Physics                        | Tarun Kanti Ghosh                       | tkghosh         |
| PHY 526                | Nuclear and Particle Physics                               | Aditya H. Kelkar                        | akelkar         |
| PHY 553                | Classical Electrodynamics II                               | Kaushik Bhattacharya                    | kaushikb        |
| PHY 557 / 558          | B S Project  | Anand Kumar Jha                         | akjha           |
| PHY 566 / 568          | M.Sc Project III + IV                                      | Rajeev Gupta                            | guptaraj        |
| PHY 590                | Special Topics in Physics                                  | DUGC Convener                           | akelkar         |
| PHY 599 / 699          | M S Research Project                                       | Dipankar Chakrabarti                    | dipankar        |
| PHY 602                | Review of Quantum Physics II                               | Manoj Kr. Harbola                       | mkh             |
| PHY 604                | Review of Statistical Physics                              | Amit Dutta                              | dutta           |
| PHY 606                | Soft Matter Physics: Overview &<br>Experimental Techniques | Manas Khan                              | mkhan           |
| PHY 624                | Magnetism in Materials                                     | Soumik<br>Mokhopadhyay                  | soumikm         |
| PHY 660                | Gravitation and Cosmology                                  | Pankaj Jain                             | pkjain          |
| PHY 663                | Advanced Topics in Mathematical<br>Physics                 | Amit Kr. Agarwal                        | amitag          |
| PHY 680                | Particle Physics   | Joydeep Chakraborty                     | joydeep         |
| PHY 690M               | Advanced General Relativity and<br>Black Holes             | Gautam Sengupta                         | sengupta        |
| PHY 690N               | Correlated Electrons & Quantum<br>Magnetism                | Avinash Singh                           | avinas          |
| PHY 690V               | Photonic Devices   | R Vijaya                                | rvijaya         |
| PHY 799                | Research   | Dipankar Chakrabarti                    | dipankar        |

\* Instructor In-charge  
2018

### has joined two days ago

\*\*\* Will join in Nov