

# S N Bose National Centre for Basic Sciences

In Collaboration with the

University of Calcutta

INTEGRATED Ph.D. PROGRAMME IN PHYSICAL SCIENCES (IPhD-Ph) - 4TH SEMESTER - SPRING (JAN-MAY) 2025

## CLASS SCHEDULE

|     | 09:30 - 10:30      | 10:45 - 11:45 | 12:00 - 13:00 | 13:00 - 14:00         | 14:00 - 15:00      | 15:15 - 16:15      | 16:30 - 17:30      |
|-----|--------------------|---------------|---------------|-----------------------|--------------------|--------------------|--------------------|
| MON | PHY 524            | PHY 524       | PHY 504       | L<br>U<br>N<br>C<br>H | PHY 522            | Tutorial (PHY 524) | PHY 502            |
| TUE | PHY 502            | PHY 502       | PHY 512       |                       | PHY 592            | PHY 592            | PHY 592            |
| WED | PHY 524            | PHY 502       | PHY 504       |                       | PHY 522            | PHY 522            | Tutorial (PHY 512) |
| THU | PHY 524            | PHY 524       | PHY 504       |                       | PHY 592            | PHY 592            | PHY 592            |
| FRI | Tutorial (PHY 504) | PHY 522       | PHY 504       |                       | Tutorial (PHY 522) | PHY 512            | PHY 512            |

| CODE    | SUBJECT  | FACULTY                                 | STUDENTS                                       |
|---------|--|---|--|
| PHY 502 | Project Research III (Compulsory Subject)            | Faculty Supervisors                     | All Students                                   |
| PHY 592 | Methods of Experimental Physics (Compulsory Subject) | Atindra Nath Pal (Coordinator) & Others | All Students                                   |
| PHY 504 | Astrophysics & Astronomy (Compulsory Elective)       | Archan S Majumdar & Soumen Mondal       | All Students                                   |
| PHY 512 | Quantum Field Theory (Optional Elective)             | Sunandan Gangopadhyay                   | All Students except Thansingh Jankawat         |
| PHY 522 | Correlated Electrons & Disorder (Optional Elective)  | Priya Mahadevan                         | Bipasa Hazra, Koushik Das & Thansingh Jankawat |
| PHY 524 | Quantum Information Theory (Optional Elective)       | Manik Banik                             | Except Bipasa Hazra & Koushik Das              |

CLASSES TO START FROM 7TH JANUARY 2025. VENUE: BS 510 (BASUNDHARA BUILDING).

[Teachers' ID: atin, archan, soumen.mondal, sunandan.gangopadhyay, priya, manik.banik (@bose.res.in)]

[Students' ID: anol.bandyopadhyay, dhananjoy.ghosh, indrajit.banerjee, koushik.das, mdsanowaz.molla, sauptik.sadhukhan,

subhanker.dutta, subhransu.dey, sudip.ghorai, kapil.gope, shibcharan.mahato, thansingh.jankawat, ritam.mahanta, bipasa.hazra (@bose.res.in)]

*Nibedita Konar*  
Nibedita Konar 21/1/25

Deputy Registrar (Academic)



*Amitabha Lahiri*  
Amitabha Lahiri  
Dean (Academic Programme)