

# **M. Sc. Physics 2025-26**

## **Semester II Time Table**

| Day/Time  | 10:00 -<br>11:00 am                                                                                   | 11:00 am -<br>12:00 pm              | 12:00 pm -<br>01:00 pm          | Lunch<br>Break | 2:00-<br>3:00 pm                                      | 3:00-<br>4:00 pm                                      | 4:00-<br>5:00 pm          |
|-----------|-------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------|----------------|-------------------------------------------------------|-------------------------------------------------------|---------------------------|
| Monday    | General Physics Practical (Batch 1)<br>Quantum Mechanics/Statistical<br>Mechanics Tutorials (Batch 2) |                                     |                                 |                | General Physics Practical (Batch 1)                   |                                                       |                           |
| Tuesday   | General Physics Practical (Batch 2)<br>Quantum Mechanics/Statistical<br>Mechanics Tutorials (Batch 1) |                                     |                                 |                | General Physics Practical (Batch 2)                   |                                                       |                           |
| Wednesday | Atomic Physics<br>(AG-34)                                                                             |                                     | Quantum<br>Mechanics<br>(AG-34) |                | Statistical<br>Mechanics<br>(AG-34)                   | Nuclear and Elementary<br>Particle Physics<br>(AG-34) |                           |
| Thursday  | Atomic<br>Physics<br>(AG-34)                                                                          | Quantum Mechanics<br>(AG-34)        |                                 |                | Statistical Mechanics<br>(AG-34)                      |                                                       | Mentor-<br>Mentee<br>meet |
| Friday    | Atomic<br>Physics<br>(AG-34)                                                                          | Statistical<br>Mechanics<br>(AG-34) | Quantum<br>Mechanics<br>(AG-34) |                | Nuclear and Elementary<br>Particle Physics<br>(AG-34) |                                                       | Mentor-<br>Mentee<br>meet |

PHY-504 Quantum Mechanics: Prof. Ramesh Pai

PHY-505 Statistical Mechanics: Dr. Pallavi Gaude

PHY-506 Nuclear and Elementary Particle Physics: Dr. Bhargav Alavani

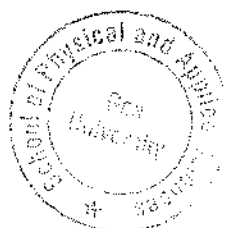
PHY-507 Atomic Physics: Dr. Bholanath Pahari

PHY-525 General Physics Practical: Dr. Sudhir Cherukulappurath, Dr. Elaine Dias, Dr. Reshma Dessai,  
Dr. Pallavi Gaude

Tutorials: Statistical Mechanics: Dr. Pallavi Gaude, Prof. Ramesh Pai

Tutorials: Quantum Mechanics: Dr. Bhargav Alavani, Prof. Ramesh Pai

  
**Programme Director**  
**Physics**  
 Programme Director for Solid State Physics  
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**Semester IV Time Table**

| Day/Time  | 10:00-11:00 am                      | 11:00 am-12:00 pm                   | 12:00-01:00 pm     |  | 2:00-3:00 pm | 3:00-4:00 pm | 4:00-5:00 pm |
|-----------|-------------------------------------|-------------------------------------|--------------------|--|--------------|--------------|--------------|
| Monday    | PHS-606 (AG-18)/<br>PHC-603 (AG-19) | PHS-609 (AG-18)/<br>PHC-603 (AG-19) | Mentor-Mentee meet |  |              | Project      |              |
| Tuesday   | PHS-606 (AG-18)/<br>PHC-607 (AG-19) | PHS-609 (AG-18)/<br>PHC-607 (AG-19) | Mentor-Mentee meet |  |              | Project      |              |
| Wednesday | PHS-607 (AG-18)                     | PHS-604 (AG-18)                     | PHS-610 (AG-18)    |  |              | Project      |              |
| Thursday  | PHS-607 (AG-18)                     | PHS-604 (AG-18)                     | PHS-610 (AG-18)    |  |              | Project      |              |
| Friday    | Project                             |                                     |                    |  |              | Project      |              |

PHS-604 Optical Spectroscopy for Condensed Matter: Dr. Sudhir Cherukulappurath

PHS-606 Introduction to Crystallography and X-ray Diffraction: Dr. Venkatesha Hathwar

PHS-607 Magnetism in Condensed Matter Physics: Dr. Elaine Dias

PHS-609 Thin film Physics: Dr. Rajesh Shankar Hyam

PHS-610 Physics of Glasses: Dr. Reshma Dessai

PHC-603 Simulation Techniques: Dr. Bhargav Alavani

PHC-607 Numerical methods and Fortran parallel programming using: Dr. Bhargav Alavani

Students are required to do project work during the remaining working hours of the day, except when attending theory classes.

*[Signature]*

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