

# Institute of Physics Bhubaneswar

## Academic Calendar: Doctoral Course (2022-23)

### Semester-2 (January–July, 2023)

Beginning of lectures for Semester-2	23 January
Last lecture before Mid-term exam.	10 March
Mid-term exam.	20-24 March
Class resumes	27 March
Last lecture of Semester-2	24 May
End-term examination	1-9 June
Grade submission (for instructors only)	12-16 June
Project work continues	19-23 June
Project presentations	26-27 June
Grand viva	4-5 July
Result announcement	7 July
Semester Break	10-21 July
Ph.D. supervisor related formalities	24-28 July

### Time table of classes:

	09:30-11:00	11:30-13:00	14:00-15:30	16:00-17:30
<b>Monday</b>	<b>HEP (KG)</b>	<b>MMNMRM (GT/AKN)</b>	<b>Project</b>	<b>--</b>
<b>Tuesday</b>	<b>SpTCMP (SS)</b>	<b>QFT-II (DD/PA)</b>	<b>Tutorial</b>	<b>Project</b>
<b>Wednesday</b>	<b>SpTSP (AS/DT/TS)</b>	<b>MMNMRM (GT/AKN)</b>	<b>Project</b>	<b>--</b>
<b>Thursday</b>	<b>HEP (KG)</b>	<b>QFT-II (DD/PA)</b>	<b>Project</b>	<b>Project</b>
<b>Friday</b>	<b>SpTSP (AS/DT/TS)</b>	<b>SpTCMP (SS)</b>	<b>Tutorial</b>	<b>--</b>

**Tutorials:** **Tuesday** → SpTCMP(SS), SpTCMP(AS/DT/TS), MMNMRM // **Friday** → QFT-II, HEP, SpTSP

#### Core Courses:

- 201** Mathematical Methods, Numerical Methods and Research Methodology (MMNMRM):  
Goutam Tripathy (GT)/Aruna Kumar Nayak (AKN)  
**[Block-B Lecture Hall]**
- 214** Project

#### Optional (two from the following list – as per choices made by the students):

- 204** Quantum Field Theory-II (QFT-II): Debottam Das (DD)/Pankaj Agrawal (PA)  
**[Block-B Lecture Hall]**
- 205** High Energy Physics (HEP): Kirtiman Ghosh (KG) **[Block-B Lecture Hall]**
- 208** Special Topics in Condensed Matter Physics (SpTCMP): S. Sahoo (SS)  
**[Block-B Lecture Hall]**
- 213** Special Topics in Statistical Physics (SpTSP): Arijit Saha (AS) /  
Dinesh Topwal (DT) / Tapobrata Som (TS)  
**[Block-B Lecture Hall]**

**The days on which Tutorials will not be there, the students should be reporting to their mentors for their Project course.**