

Institute of Physics, Bhubaneswar  
**Doctoral Course 2019-20**

**Semester-1** (1<sup>st</sup> August-31<sup>st</sup> December, 2019)

**Academic Calender:**

Beginning of Semester-1	01 August, 2019
Last class before Mid-term exam	19 September, 2019
Mid-term exam	23-27 September, 2019
Last class of Semester-I	29 November , 2019
End-term exam	09-20 December, 2019
Declaration of marks by	23 December, 2019

- Semester-2 Project titles to be announced by: 15 October, 2019
- Semester-2 commences on : 03 January, 2020

**Time table of classes:**

	09:30-11:00	11:30-13:00	14:00-15:30	16:00-17:30
<b>Monday</b>	<b>AQM</b>	<b>ASM</b>	<b>AExT</b>	<b>LAB</b>
<b>Tuesday</b>	<b>QFT1</b>	<b>AExT</b>	<b>Tut.(AQM)</b>	
<b>Wednesday</b>	<b>AQM</b>	<b>ASM</b>	<b>Tut.(QFT1)</b>	<b>LAB</b>
<b>Thursday</b>	<b>QFT1</b>	<b>AExT</b>	<b>Tut.(ASM)</b>	<b>Tut.(AExT)</b>
<b>Friday</b>	<b>AQM</b>	<b>ASM</b>	<b>QFT1</b>	<b>LAB</b>

**Core Courses:**

101 AQM: Advanced Quantum Mechanics: Kirtiman Ghosh  
108 LAB: Experimental Physics Lab: Dinesh Topwal

**Electives:**

102 QFT1: Quantum Field Theory-1 : Debottam Das  
103 ASM : Advanced Statistical Mechanics: Arijit Saha  
107 AExT: Advanced Experimental Techniques: Debakanta Samal