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

Semester-2 (3<sup>rd</sup> January-15<sup>th</sup> July, 2020)

## **Academic Calender:**

Beginning of Semester-2	03 January	
Last class before Mid-term exam	14 February	
Mid-term exams	19-25 February	
Mid term project review by monitoring	02 March	
committee		
Class resumes	05 March	
Last class of Semester-2	24 April	
End-term exams	04-12 May	
Project Presentation	26 June	
Project report submission	03 July	
Grand Viva (OGCE)	10 July	
Declaration of results	13 July	

## Time table of classes:

	09:30-11:00	11:30-13:00	14:00-15:30	16:00-17:30
Monday	HEP	STCMP	STSP	Tut-201
Tuesday	STHEP	MM	Tut-205/208	Project
Wednesday	HEP	STCMP	STSP	STHEP
Thursday	STHEP	MM	Tut-209/213	Project
Friday	HEP	STCMP	STSP	MM

## Core Course:

201 MM: Math. Methods, NM & RM: Prof. S. Banerjee

Electives:

205 HEP: High Energy Physics : Prof. S. Agrawalla

- 208 STCMP: Special topics in Condensed Matter Physics: Introduction to Topological Insulator and Density functional Theory.: Prof. S. Mandal
- 209 STHEP: Special topics in High Energy Physics: Experimental Methods in High Energy Physics: Prof. A. K. Nayak

213 STSP: Special topics in Statistical Physics: Critical Phenomena: Prof. S. Mukherji