



## PhD Coursework (Spring Semester-2019)

**COURSE DURATION : From January 14, 2019 to April 20, 2019**

<b>Venues:</b>				
<b>Centenary Bldg:</b>		<b>A.K.Raychaudhuri Hall (AKR), Sadhan Bose Hall (SB)</b>		
<b>Main Bldg:</b>		<b>Father Lafont Classroom (FL), S N Bose Hall (SNB)</b>		
<b>Centenary Bldg</b>		<b>Room No. 404 (R-404)</b>		
<b>Lakeview Academic Building(LAB)</b>		<b>Classroom at 2nd Floor</b>		
<b>Days</b>	<b>10-11.30</b>	<b>11.30-13.00</b>	<b>14.00-15.30</b>	<b>15.00-16.30</b>
<b>MON</b>	PHD206 (AKR)	PHD201 (AKR)	PHD219 (R-404)	PHD208 (SB)
	PHD210 (SNB)	PHD203 (FL)	X	X
	PHD218 (R-404)	PHD212 (SB)(T)	X	X
<b>TUE</b>	PHD201 (AKR)	PHD204 (FL)	PHD205 (AKR)	X
	PHD203 (FL)	PHD211 (SNB)	PHD216 (R-404)	X
	PHD212 (SB)	PHD217 (R-404)	X	X
	PHD221 (R-404)	X	X	X
	PHD210 (SNB)(T)	X	X	X
<b>WED</b>	PHD202 (AKR)	PHD222 (LAB)	PHD219 (R-404)	X
	PHD215 (R-404)	X	X	X
<b>THU</b>	PHD210 (SNB)	PHD204 (FL)	PHD206 (AKR)	X
	PHD212 (SB)	PHD205 (AKR)	PHD211 (SNB) (T)	X
	PHD221 (R-404)	PHD215 (R-404)	PHD213 (SB) (T)	X
	X	X	PHD216 (R-404)	X
<b>FRI</b>	PHD218 (R-404)	PHD202 (AKR)	X	PHD208 (SB)
	PHD222 (LAB)	PHD211 (SNB)	X	X
	X	PHD217 (R-404)	X	X
<b>SAT</b>	PHD213 (SB)	PHD213 (SB)	X	X

### **List of Courses:**

1. Asymmetric Catalysis & Synthesis (Joyram Guin) **[PHD201/CH524]**
2. Reaction Mechanism and Catalysis (Ayan Datta) **[PHD202/CH522]**
3. Advanced Quantum Mechanics (Satrajit Adhikari, Debashree Ghosh) **[PHD203/CH524]**
4. Equilibrium and Non-equilibrium Statistical Mechanics (D. S. Roy) **[PHD204/CH523]**
5. Advanced Bioinorganic Chemistry (Abhishek Dey, S. Ghosh Dey) **[PHD205/CH523]**
6. Advanced Spectroscopic, Microscopic and Diffraction Techniques ( for IACS) (P. Dastidar, T. K. Paine) **[PHD206/CH521]**
7. Advanced Biomaterials (Nikhil Ranjan Jana) **[PHD208/MS5403]**
8. Organic Chemistry: Reagents and Synthetic Methods (Surajit Sinha) **[PHD210/AIS4201]**
9. Polymer Chemistry (Anindita Das) **[PHD211/AIS4202]**
10. Chemistry of Biological Systems (Parikshit Maitra) **[PHD212/AIS4203]**
11. Infection and Immunity (Syamal Ray, NIPER) **[PHD213/AIS4204]**
12. Molecular Microbiology (Shekhar Chakraborty, NICED) **[PHD214/AIS4205]**
13. Theory and Practices in Electronic Structure (Tanusri Saha Dasgupta, Debashree Ghosh) **[PHD215/PH530]**
14. Quantum Field Theory -II (Utpal Chattopadhyay) **[PHD216/PH512]**
15. Particle Physics (Dilip Ghosh) **[PHD217/PH514]**
16. General Relativity and Cosmology (Sumanta Chakraborty) **[PHD218/PH516]**
17. Advanced Condensed Matter Physics (Krishnendu Sengupta) **[PHD219/PH522]**
18. Nanoscale Materials (Mintu Mondal) **[PHD221/PH524]**
19. Advanced Materials Science (Subham Majumdar, Sugata Ray, Somobrata Acharya) **[PHD222/CH525]**