

**ACADEMIC PLAN FOR THE DEPARTMENT OF MICROBIOLOGY**

**SESSION:2017-18 (ODD SEMESTER)**

SEMESTER	PAPER	TEACHER		No. of class hours allotted per week (as per class routine)		Total no. of class hours required in the session (Approx.)		Duration (in month)	Remark (if any)
		Theory	Practical/Tutorial	Theory	Practical/Tutorial	Theory	Practical/Tutorial		
<b>I<sup>st</sup> Semester (PG)</b> <b>(Autonomous)</b>	<b>1. Biomolecular structures and their interactions</b>	Dr. Sampa Debnath	Dr. Sampa Debnath	2	2	30	25	4	
		Dr. Arun Roy		1					
	<b>2. Structural variations in bacteria</b>	Dr. Prasenjit Das	-----	1	-----	25	-----	4	
		Dr. Saswati Gayen		1					
	<b>3. Biostatistics</b>	Miss Ananya Banerjee	-----	1	-----	30	-----	4	
		Mr. Chiranjit Ghorui		1					
	<b>4. Enzymes &amp; Reaction Kinetics</b>	Dr. Sampa Debnath	Dr. Sampa Debnath	2	2	30	25	4	
		Dr. Arpita Das		1					
	<b>5. Biophysical methods and Instrumentation</b>	Dr. Arpita Das	Dr. Arpita Das	2	2	30	25	4	
		Dr. Arun Roy		1					
	<b>6. Medical Microbiology &amp; Antibiotics</b>	Dr. Shilajit Barua	-----	1	-----	30	-----	4	
		Dr. Saswati Gayen		2					
<b>III<sup>rd</sup> Semester (PG)</b> <b>(Autonomous)</b>	<b>1. Recombinant DNA Technology</b>	Dr. Gargi Saha Kesh	Dr. Gargi Saha Kesh	2	2	40	30	4	
		Dr. Shilajit Barua		2					
	<b>2. Evolutionary Biology and Biodiversity</b>	Dr. Prasenjit Das	-----	2	-----	30	-----	4	
		Dr. Shilajit Barua		1					
	<b>3. Immunology</b>	Dr. Prasenjit Das	Dr. Prasenjit Das	2	2	30	30	4	
		Mr. Anindya Bhattacharya		1					
	<b>4. Proteomics and Genomics</b>	Dr. Soma Ghosh	-----	2	-----	30	-----	4	
		Dr. Arun Roy		1					
	<b>Project Seminar</b>	<b>Students are allowed to conduct summer project in the various research institutes or universities</b>							2