

## ACADEMIC PLAN FOR THE DEPARTMENT OF MICROBIOLOGY

SESSION:2020-21 (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		
I <sup>st</sup> Semester (PG) (CBCS)	Micro C11: Biomolecular Structures & Their Interactions	Dr. Arun Roy	-----	2	-----	30	-----	4	Micro C11, Micro C13 and Micro C15 donot have any Practical according to the CBCS syllabus
		Dr. Sampa Debnath	-----	1	-----				
	Micro C12: Microbial Cell Biology	Dr. Prasenjit Das	Dr. Sudip Samadder Mr. Pinaki Hazra	1	2	30	20	4	
		Dr. Saswati Gayen		1					
		Dr. Sudip Samadder		1					
	Micro C13: Molecular Biology	Dr. Shilajit Barua	-----	2	-----	30	-----	4	
		Dr. Gargi Saha Kesh	-----	1	-----				
	Micro C14: Biophysical Methods & Instrumentation	Prof. (Dr.) Maitree Bhattacharyya	Dr. Sudip Samadder Mr. Pinaki Hazra	2	2	30	20	4	
		Dr. Sudip Samadder		1					
	Micro C15: Microbial Metabolism	Dr. Sampa Debnath	-----	2	-----	30	-----	4	
		Dr. Saswati Gayen	-----	1	-----				
	Micro S11: Enzymes and Reaction Kinetics	Dr. Sampa Debnath	Dr. Sampa Debnath Dr. Surajit Bag	1	2	30	20	4	
Dr. Arun Roy		2							
III <sup>rd</sup> Semester (PG) (CBCS)	Micro C31: Fermentation and Bioprocess Engineering	Dr. Saswati Gayen	-----	2	2	30	-----	4	
		Dr. Surajit Bag	-----	2					
	Micro C32: Proteomics and Genomics	Dr. Arun Roy	Dr. Sudip Samadder Mr. Pinaki Hazra	2	-----	40	20	4	
		Dr. Sudip Samadder		1					
	Micro C33: Regulation of Eukaryotic Gene Expression	Dr. Gargi Saha Kesh	-----	2	2	40	-----	4	
		Dr. Shilajit Barua	-----	1					
		Dr. Arun Roy	-----	1					
	CBCC- A: Choice Based Credit Course A (BCMGE31)	Dr. Urmi Roy	-----	2	-----	30	-----	4	
	CBCC- B: Choice Based Credit Course B (BOTGE32)	Dr. Prasun Kumar Trivedi	-----	2	-----	30	-----	4	
Project Seminar	Students are allowed to conduct summer project in the various research institutes or universities						2		