

| ACADEMIC PLAN FOR THE DEPARTMENT OF MICROBIOLOGY | | | | | SESSION:2019-20 (EVEN 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 | | |
| II nd Semester (PG) (CBCS) | Micro C21: Eukaryotic Microbiology | Dr. Saswati Gayen | ----- | 3 | ----- | 30 | ----- | 4 | Micro C21, Micro C24, Micro C25 and Micro S21 donot have any Practical according to the CBCS syllabus |
| | Micro C22: Recombinant DNA Technology | Dr. Gargi Saha Kesh | Dr. Gargi Saha Kesh | 2 | 2 | 30 | 20 | 4 | |
| | | Dr. Shilajit Barua | | 1 | | | | | |
| | Micro C23: Diversity of life forms and environmental applications | Dr. Prasenjit Das | Dr. Shilajit Barua | 2 | 2 | 30 | 20 | 4 | |
| | | Dr. Shilajit Barua | | 1 | | | | | |
| | Micro C24: Genetics (Prokaryotes & Eukaryotes) | Dr. Gargi Saha Kesh | ----- | 2 | ----- | 30 | ----- | 4 | |
| | | Dr. Prasenjit Das | | 1 | | | | | |
| | Micro C25: Antibiotics | Dr. Shilajit Barua | ----- | 2 | ----- | 30 | 30 | 4 | |
| Dr. Surajit Bag | | 1 | | | | | | | |
| Micro S21: Biostatistics | Dr. Swarnali Sharma | ----- | 1 | ----- | 20 | ----- | 4 | | |
| | Mr. Chiranjit Ghorui | | 1 | | | | | | |
| IV th Semester (PG) (CBCS) | Micro C41: Virology | Dr. Shilajit Barua | ----- | 1 | ----- | 20 | ----- | 4 | Micro C41, Micro C43 and Micro C44 donot have any Practical according to the CBCS syllabus |
| | | Dr. Arun Roy | ----- | 1 | ----- | | | | |
| | Micro C42: Immunology | Dr. Prasenjit Das | Ms. Sahana Ghosh | 3 | 2 | 30 | 20 | 4 | |
| | Micro C43: Medical Biotechnology and Gene Therapy | Dr. Sudip Samadder | ----- | 2 | ----- | 20 | ----- | 4 | |
| | Micro C44: Host-microbe interactions | Dr. Saswati Gayen | ----- | 2 | ----- | 30 | ----- | 4 | |
| | | Dr. Sampa Debnath | | 1 | | | | | |
| | Micro S41: Computer Application and Bioinformatics | Miss Upasana Das | Miss Upasana Das | 1 | 2 | 20 | 20 | 4 | |
| | | Dr. Sudip Samadder | | 1 | | | | | |
| Dissertation | A grant proposal on any relevant topic in biology will have to be prepared by students. Students will be mentored by the Departmental teachers and will be evaluated by a panel of experts | | | | | | | 4 | |
| Grand Viva | Students will be evaluated on all the topics discussed in the two years programme by a panel of experts. | | | | | | | | |