



**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Microbiology
B. Sc. FIRST YEAR SEMESTER I
SESSION 2019-20
BRIDGE COURSE: MICROBIOLOGY**

Report: Bridge Course Conducted by Microbiology Department, S.S.E.S. Amravati's Science College, Nagpur

The Microbiology Department of S.S.E.S. A's Science College, Nagpur, conducted a Bridge course as per the RTMNU (Rashtrasant Tukadoji Maharaj Nagpur University) notification for B. Sc. First-year Sem I students in the academic year 2019-20. The aim of the Bridge course was to bridge the gap between the syllabus covered in the 12th Std. and the detailed curriculum of B. Sc. Sem I.

The B. Sc. Sem I RTMNU syllabus encompassed fundamental topics such as:

- Differences between prokaryotes and eukaryotes.
- Types of culture media.
- Branches of Microbiology.
- Importance of micro-organisms.
- Carrier opportunities in Microbiology.
- Miracles from Microbes.
- Typical Bacterial cell structure.
- Introduction to Microscope.

Students enrolled in B. Sc. Sem I after successfully qualifying for their 12th Exam, and the Bridge course served as a foundational step in transitioning them from the 12th Std. curriculum to the rigorous academic demands of B. Sc. studies.

Course Outcome:

- Learners will develop interest in the subject of Microbiology and it will also be useful to fill the gap.
- Stimulating interest and curiosity in Microbiology will increase student motivation to learn applied areas of microbiology.

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