

# Microbial Biotechnology and Bioprocess Laboratory

Department of Biotechnology

Shree Ramkrishna Institute of Computer Education & Applied Sciences

Microbial Biotechnology and Bioprocess Technology laboratory is aimed at providing essential space to perform experiments related to use of microorganisms to cater fields like industrial, food, dairy and environmental biotechnology.

The laboratory provides working space for 60 students. Laboratory has following basic instrument facilities.

- Microscopes
- Incubator
- Incubator-with-shaker
- pH meters
- Colorimeters

It also has HEPA-LAF cabinet for aseptic handling of microorganism. Laboratory has a dual-beam UV-Vis Spectrophotometer in order to perform various testing experiments.

The laboratory has fully automated bioreactor of the capacity of 5 liters in order to simulate industrial-scale production and to promote research in the field of fermentation technology



**BIOSTAT® A Bioreactor – Make: Sartorius, Germany**