

INFRASTRUCTURE

LABS

Computer Science Labs



- The department has well-equipped three laboratories with 125 systems of latest hardware and software
- The software facility at the department includes popular operating system platforms, programming language compilers, development tools, DBMS packages, etc. Both free and proprietary software packages are used.
- Labs are spacious and equipped with facilities like several interactive multimedia LCD projectors, digital camera, B&W Printers, Scanners etc for classes and other programmes like Workshops, Seminars etc.
- UPS is used to provide uninterrupted working environment to the students. 53 Computers are supported with 60 minutes backup UPS of capacity 10KV
- The entire building is covered with Wi-Fi wireless network connectivity • The department has Internet connection with 400Mbps. The internet facility is available for use during college hours.

Biotechnology Labs



➤ **Biotechnology Department has the following Equipment for imparting practical courses associated with the syllabus**

- | | |
|---|--------------------------------|
| 1. Thermal cycler (PCR Machine) | 12. Microwave Oven |
| 2. Spectrophotometer- UV & Visible range | 13. Hot air oven |
| 3. Spectrophotometer- Visible range | 14. Vortex Machines |
| 4. Power supplies for electrophoresis units | 15. Magnetic stirrers |
| 5. Horizontal electrophoresis units | 16. Microscope |
| 6. Rocker | 17. Micro-pipette sets |
| 7. UV-Chamber for gel visualization | 18. pH meter |
| 8. BOD incubator | 19. Colorimeter |
| 9. Shaker incubator | 20. Autoclave |
| 10. Centrifuge - 10,000RPM | 21. Fridge |
| 11. Centrifuge – 3000RPM | 22. Electronic Balances |
| | 23. Manual balance |
| | 24. Water bath |

Microbiology Labs



➤ **Microbiology Department has the following Equipment for imparting practical courses associated with the syllabus**

- 1. Microscopes**
- 2. Electric Light Microscopes**
- 3. Autoclave**
- 4. Centrifuges**
- 5. Incubator**
- 6. Laminar Air Flow**
- 7. Water bath**
- 8. Hot air oven**
- 9. Hot plate**
- 10. Digital Ph Meter**
- 11. Digital Colorimeter**

Physics Labs



➤ **Department of Physics has the following Equipment to impart practical concepts:**

- 1. Multimeter**
- 2. Voltmeter**
- 3. Ammeter**
- 4. Galvanometer**
- 5. Potentiometer**
- 6. Battery Eliminator**
- 7. Ohm's Law Apparatus**
- 8. Magnets**
- 9. Prisms**
- 10. Lens & Mirrors**

- 11. Pendulums**
- 12. Sonometer**
- 13. Copper Calorimeter**
- 14. Steam Boiler**
- 15. Thermometer**
- 16. Vernier Callipers**
- 17. Screw Gauge**
- 18. Stop Clock**
- 19. Electric Circuit Board**
- 20. Sodium Lamp**

Chemistry Labs



Equipment List in UG & PG:

Colorimeters
Conductivity meters
pH meters
Potentiometers
Fluorimeter
Spectrophotometer
Flame photometer
Analytical Balance
Digital Balances
Pipettes
Burettes & Stands
Conical Flasks
RB Flasks
Reagent bottles

Iodination flasks
Measuring jars
Condensers
Test tubes
Bunsen Burners
Wash bottles
Spatulas
Glass Rods
Tiles, Funnels
Wire Gauzes
Desiccators
Hot plate
Water Baths
LAB SAFETY DEVICES
First Aid kit & Fire Extinguisher

Library



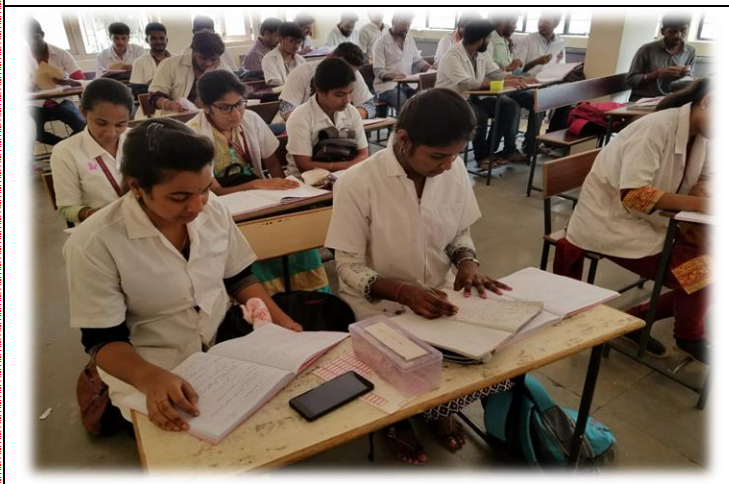
➤ **Spacious Library with around 7000 Books for students and faculty in all streams**

Buildings





Classrooms



➤ **The institutions have 55 well-furnished and ventilated classrooms of a minimum 625Sq. ft. for conducting teaching-learning activities with the following facilities:**

- 1. Seating for 60 students**
- 2. LCD projector with screen**
- 3. Wi-Fi internet facility**
- 4. Blackboard**
- 5. Provision for connecting PC or laptop**

Playground

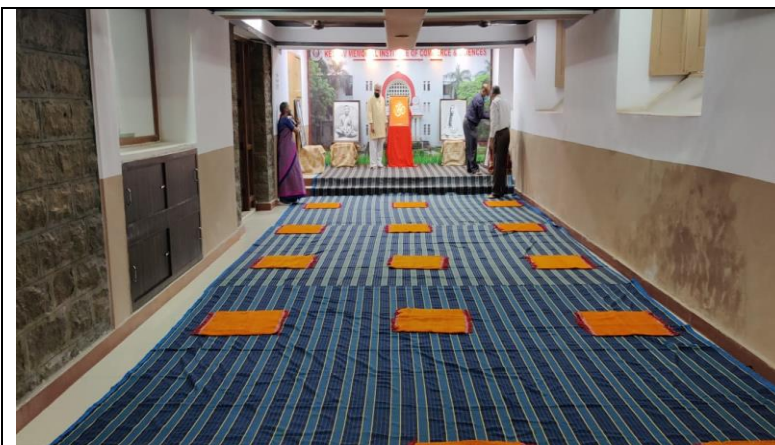


Solar Panels



➤ **Solar Panels with 20KV Power Generation**

Yoga and Meditation Hall



Canteen

