

Research center information:

Department of Bio-Technology is a VTU recognized research center since 2011, presently 15 research scholars are pursuing Ph.D

Eligible Guides:

- i) Dr. Bharati S. Meti**
- ii) Dr. Virupakshaiah DBM**
- iii) Dr. Sharada P**

Major Research areas in the department:

- 1. Biofuels**
- 2. Protein chemistry**
- 3. Bioinformatics and Computational Biology**
- 4. Molecular Physiology**
- 5. Medical Microbiology**

Infrastructure/Facilities

a. UG Labs

- **Biochemistry Lab**
- **Microbiology Lab**
- **Cell biology and Genetics Lab**
- **Molecular biology Lab**
- **Immunotechnology Lab**
- **Unit Operation Lab**
- **Genetic Engineering Lab**
- **Bioinformatics Lab**
- **Bioprocess control and Automation Lab**
- **Biokinetics and Enzyme Technology Lab**
- **Upstream processing Lab**
- **Downstream processing Lab**
- **Bioprocess & Biochemical Engg. Lab (R & D)**
- **Molecular Biology Lab (R & D)**

b. Research Labs

- **Biochemical Engineering Lab**
- **Molecular Biology Lab**

c. Major research facilities:

1. Binary HPLC Analytical System
 2. PCR
 3. High Speed Cooling Centrifugation
 4. Ultra Sonicator
 5. Gel Documentation Unit
 6. Lyophilizer
 7. Fermentor
 8. UV Vis- Spectrophotometer
 9. Cross Flow cassette
 10. Elisa Reader
- Other Basic Instruments

Ph.D students registered in the department

Sl. No	Name of the PhD student	Guide/Co guide	Area of work
1	G. B. Megeri	Dr. G. M. Madhu(Guide) Dr. Bharati S. Meti (Co guide)	Adsorption studies
2	K. Bhat	Dr. K. Chandrasekhar Dr. Bharati S. Meti	Physical analysis of Biomolecules
3	Madhumala Y.	Dr. Veena Sorgavi(Guide) Dr. Bharati S. Meti(Co guide)	Bioremediation
4	Premjyoti C. Patil	Dr. Bharati S. Meti	Algal biofuels
5	Preeti S. Kumarmath	Dr. Sharada P.	Phytochemistry
6	Shilpa K. Jigajinni	Dr. MSRC Murthy(Guide) Dr. Bharati S. Meti (Co guide)	Enzymology studies in Biofuels
7	Shivaleela V.B.	Dr. MSRC Murthy(Guide) Dr. Sharada P. (Co guide)	Structural Protein Development
8	Hemalatha V.B.	Dr. Virupakshaiah DBM	Bioinformatics
9	Sushma Hallad	Dr. Bharati S. Meti(Guide) Dr. Virupakshaiah DBM(Co guide)	Cellulosic conversion
10	Vikas Gattaragi	Dr. Bharati S. Meti	Preterm Birth & Association of Gut microbiota
11	Ankita Amrut Puranik	Dr. Virupakshaiah DBM	Plant Biotechnology
12	Asiya Rozindar	Dr. Virupakshaiah DBM (Guide)	Bioinformatics
13	Pavana kumar	Dr. Bharati S. Meti	Bio-fuel
14	Mahananda Math	Dr. Virupakshaiah DBM (Guide)	Medical Microbiology
15	Sujata Jagadish	Dr. Virupakshaiah DBM (Guide)	Medical Microbiology