

Department achievements in last five years

- The Program UG in Biotechnology is accredited for 6 years (UG) by National Board of Accreditation (2021-2027).
- All the faculty members in the department are PhD holders with one technical staff who also possessed PhD degree in Biotechnology.
- The department have filed 7 patents, published 5 patents and granted 3 patents in last five years.
- The department faculty and students have published around 52 research papers in the peer reviewed National / International journals in last five years.
- Two international conferences were organized and conducted in collaboration with AIML Department and International society of gene and cell therapy.
- Two student technical conferences were organized in the name of Helix
- Two industry visits were organized for the students of UG and PG (Merck & Baer)
- One Faculty Development Program on Recent trends in food processing was organized which is sponsored by AICTE.
- Department collaborated a 6 months certification course with Merck India Pvt Ltd for UG students of Biotechnology to increase their employment opportunities.
- Pushpa Agrawal and G Vijaya Kumar, Co-authored a book entitled “Bioinspired Engineering A Review”, published by JERAD publications, ISBN: 978-93-5627-781-61, India 2022.
- Lingayya Hiremath, authored a book entitled “Green and Clean technology, Innovations and Applications” published by IK International Publishers, ISBN: 978-81-95966-24-0, India 2024.
- Lingayya Hiremath, awarded as a **Best Young Researcher** from Indian Science Technical Education RVCE Chapter for the academic Year 2022-2023
- Nagashree N Rao and Ashwani Sharma, awarded as a **Best Researchers** from Indian Science Technical Education RVCE Chapter for the academic Year 2023-2024

STUDENT ACHIEVMENTS

- The students of the department have published around 118 research papers in the peer reviewed National / International journals in last five years.
- Student of the department involved in developing a microbial payload designed for ISRO PS4 satellite and involved in successfully launching.
- Madhusudan P a PG student in Biotechnology presented a research paper on Algal mousse: A leap to sustainable tomorrow, at “International Conference on Applications of Natural

Products Nanomaterials and Nano-pharmaceuticals (ICAN3)” at BMSCE on 9th and 10th, 2023 and secured 1st prize.

- Parvathi Bhat, Abhirami Gajendra Prasad, Neha Madi Sural, the UG students of the department, presented a paper entitled “Wastewater Management: Sensor integration with manual filtration and multi-parameter monitoring for testing water quality” and got awarded as a Best Paper at International Conference, IChE - Chemcon 2023.
- Dhruthi P R, Akash B, S Pavan, Suchet V, the UG students of Department, participated at Srishti Innovation Exchange, State level Engineering students project exhibition competition 2022 BMSCE, Bengaluru 25-27th July 2022 and won INR 10000 won 3rd Prize for the student’s project “Development of plant fiber-based adsorbent for oil adsorption”.
- Chaitra G, Prerana Prakash, Preethi A, Ritwija Bhattacharjee, Shreya SK and Sushma, PG students of Biotechnology, co-authored a book entitled “Bioinspired Engineering A Review”, published by JERAD publications, ISBN: 978-93-5627-781-6l.
- Nishitha BT, UG student represented as VTU as a Basketball player for the year 2024-2025
- M D Yaana Muthamma and Drithi Priya, UG student of the department represented VTU as a Football player for the year 2024-2025.
- Monika V, UG student of the department represented as VTU as a Handball player for the year 2024-2025
- Niveditha Nalabolu, UG student of the Department received Bronze Medal from inline Hockey Nationals tournament
- M D Yaana Muthamma, UG student represented as VTU as a Football player for the year 2022-2023.
- Iqra Noori, UG student of the department secured 670th Rank in GATE 2025.
- Pooja Vasist, UG student of the department cleared IPS, 2021 batch and working as a SP, Mahendragarh District, Haryana.