

**DEPARTMENT OF
BIOTECHNOLOGY**

NEWSLETTER

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BIOGAZETTE

Echoing multidisciplinary perspectives



EDITORIAL TEAM



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Biotechnology



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Biotechnology



DR. J. G. ASWIN JENO
Assistant Professor
Biotechnology

STUDENT EDITORIAL TEAM



MS. R. JYOTSNA
IV Year Student
Biotechnology

Vision

To produce higher caliber Biotechnologists to attain new heights in bioinformatics and bioprocess technology as per industrial needs and to provide leaders in the field of Biotechnology.

Mission

- To progress the department to attain center of excellence in bioinformatics and bioprocess technologies by providing best Undergraduate, Postgraduate, Doctoral programs and R&D activities within a decade.
- To develop special skilled training programs for graduates to meet the personality characters stipulated by the industries within a period of five years.
- To build potential biotechnologists capable of dealing with new challenges and socio-ethical implications.

B. Tech. Biotechnology

Program Educational Objectives

PEO-1. To produce Biotechnology graduates who will be employable in core Biotech/Pharma industries and domain-based software services.

PEO-2. To produce research-oriented Biotechnology graduates who will be employable in academic/Industry sponsored research and also who will be pursuing higher studies.

PEO-3. To produce bioentrepreneurs.

Program Outcomes

PO-1. Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

PO-2. Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO-3. Design / Development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO-4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO-5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO-6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO-7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO-8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO-9. Individual and team work: Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.

PO-10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO-11. Project management and finance: Demonstrate knowledge and understanding of the engineering management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO-12. Life-long learning: Recognize the need for and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

Program Specific Outcomes (PSOs)

PSO-1: To make the students understand and apply the knowledge of computational systems biotechnology to design and develop biologics to meet societal needs.

PSO-2: To train the students to meet the requirement of bioprocess industries for developing techno-economical processes.

PSO-3: To empower the students with competent skill sets for bridging the gap between academia and the requirements of the healthcare industry.

M. Tech. Biotechnology

Program Educational Objectives

PEO-1: To prepare the students to excel and succeed in biotechnology research or industry through the latest state-of-art postgraduate education.

PEO-2: To train students with good scientific and technical knowledge so as to comprehend, analyze, design and adopt innovative and new technology that provides solutions for developing novel biotechnological products.

PEO-3: To create bioentrepreneurs with good communication and leadership skills, respect for authority and the life-long learning needed for a successful professional career.

Program Outcomes

PO-1: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

PO-2: An ability to write and present a substantial technical report/document.

PO-3: Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program.

PO-4: Ability to examine the technological problems in various domains of Biotechnology apply modern engineering tools for the prediction and modeling of complex engineering problems with a focus on sustainable development.

PO-5: Students should be able to acquire self-management and teamwork skills to collaborate with multidisciplinary teams from academic, industry and research institutes of national or international repute, with a commitment to lifelong learning.

PO-6: Potential to apply biotechnological solutions by adhering to the standards of bioethics with social responsibilities.

Program Specific Outcomes (PSOs)

After the successful completion of M.Tech. Biotechnology program, the students will be able to:

PSO-1: Demonstrate the biotechnology concepts and research approach and apply them for healthcare and industrial applications.

PSO-2: Possess scientific and technological skills to design and develop novel bioproducts for addressing biological and healthcare challenges.

PSO-3: Analyze the socio-economical needs and possess the necessary expertise to become a bioentrepreneur.

Events Organized

Alumni Interactions



The Department of Biotechnology of Sri Venkateswara College of Engineering (SVCE) organized an Alumni Interaction event on July 25, 2023. Our esteemed alumnus, Dr. Rajeshwar N., who graduated in the 2007-2011 Batch, graciously participated in this event, engaging with both III-Year and IV-Year students of our department.

During the session, Dr. Rajeshwar Nityanandan took a trip down his memory lane, recounting his B.Tech days at SVCE and generously sharing his memories with the current batch of students. His journey and experiences at the college served as an inspiration to the present batch of students, instilling in them a sense of pride and belonging to the institution.

One of the highlights of the interaction was when Dr. Rajeshwar shared his remarkable journey of pursuing a PhD in the field of Cancer Biology in the United States. He candidly spoke about the challenges and opportunities he encountered during his academic pursuit, providing invaluable insights into the path of higher studies in the US. The students had a phenomenal opportunity to interact with Dr. Rajeshwar, actively engaging in discussions and seeking guidance about the various prospects and pathways available for pursuing higher studies, particularly in the United States. The session proved to be an eye-opening experience for the

attendees, as they clarified their doubts and gained a deeper understanding of the preparation required for successful admission into prestigious PhD programs abroad.

The Department of Biotechnology of SVCE takes immense pride in organizing such informative events that facilitate a seamless exchange of knowledge between alumni and current students. Through these initiatives, the Department of Biotechnology, SVCE aims to equip its students with the necessary skills and knowledge to make a positive impact in the field of Biotechnology and beyond.



Awareness Program on Overseas Higher Education

The Department of Biotechnology of Sri Venkateswara College of Engineering, in collaboration with Ashwin's Edu Abroad, successfully organized an awareness program on "Higher Education Opportunities in Overseas Countries" on July 28, 2023. The program was specifically designed for students in their 3rd and 4th years of study, and it proved to be highly beneficial for all participants.

The session was conducted interactively, allowing students to actively engage with the information presented. As a result, they had the opportunity to have their various doubts regarding pursuing higher education in overseas countries, after completing their undergraduate degrees, thoroughly addressed and clarified.

At the Department of Biotechnology, we take immense pride in hosting such informative events that provide our students with valuable knowledge and equip them with the essential skills to explore global educational opportunities and achieve greater heights in their careers.



Alumni Contribution to iGEM

The Alumni of Department of Biotechnology, Mr. Ramit Bharanikumar (2014-2018 Batch) and Ms. Priyadharshini Viswanathan (2014-2018 Batch), also the members of the previous iGEM Team (2016 & 2017) have contributed generously to the current iGEM Team 2023 - SVCE Chennai an amount of \$350 and \$200, respectively. The same amount shall be used by the current iGEM Team to perform all their research and relevant activities. We take this opportunity to thank our alumni for their support and wish the current iGEM students all success in their endeavours.

SVCE | Sri Venkateswara
College of
Engineering

DEPARTMENT OF BIOTECHNOLOGY

Thanks our Alumni for their Contribution towards SVCE-iGEM Team 2023

SVCE-CHENNAI

Mr. Ramit B
2014-2018 Batch
SVCE iGEM Team - 2016 & 2017

CONTRIBUTION OF
\$350 (₹28,792)

Ms. Priyadharshini V
2014-2018 Batch
SVCE iGEM Team - 2016 & 2017

CONTRIBUTION OF
\$200 (₹16,453)

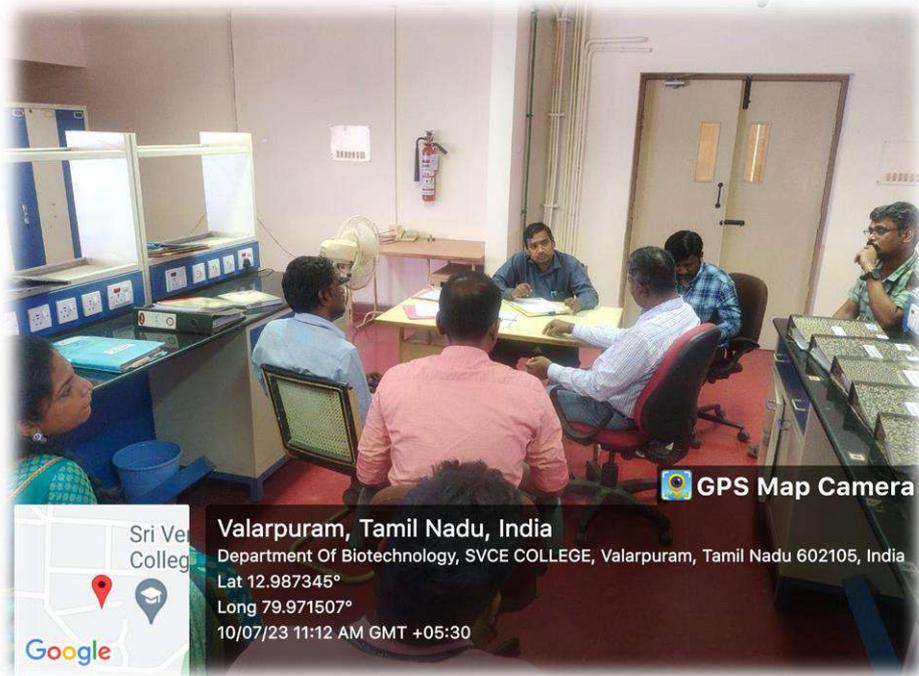
18th Institutional Animal Ethical Committee (IAEC)

The Department of Biotechnology of Sri Venkateswara College of Engineering conducted its 18th Institutional Animal Ethical Committee (IAEC) Meeting for the academic year 2023-2024 (Phase I) today (13 July 2023). Laboratory protocols and Project protocols involving small laboratory animals were presented for grant of approval after considering all aspects of the project including the welfare of the animals by the members of the Committee. The committee members also visited the animal house premises during the Institutional Animal Ethical Committee (IAEC) Meeting. Our animal house facility is now open and ready to support research on the long-term and short-term toxic and therapeutic effects of drugs/compounds in small animals and fish models. CCSEA has registered our facility with Registration No.: 1398/PO/Re/S/10/CCSEA and meets all guidelines for the ethical treatment of animals.



External Academic and Administrative Audit

The Department of Biotechnology completed the External Academic and Administrative Audit from Dr. S. Renganthan, Professor, Anna University on 10th July 2023.

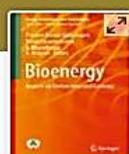


Research Publication



Dr. G. Karthigadevi
Assistant Professor

Dr. G. Karthigadevi, Assistant Professor, Department of Biotechnology, has published two book chapters on Bioenergy during July 2023.



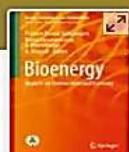
Bioenergy pp 25–44 | [Cite as](#)

[Home](#) > [Bioenergy](#) > [Chapter](#)

Sustainable Development of Bioenergy and Its Impacts on Ecosystem

[A. Vidhyarathi](#) , [S. Chozhavendhan](#), [G. Karthigadevi](#), [V. Nirmal Kannan](#) & [R. Praveen Kumar](#)

Chapter | [First Online: 07 July 2023](#)



Bioenergy pp 45–66 | [Cite as](#)

[Home](#) > [Bioenergy](#) > [Chapter](#)

Integrated Approaches for Economic Sustainability of Biofuel Industries

[S. Chozhavendhan](#) , [G. Karthigadevi](#), [R. Praveen Kumar](#), [D. Karthiga](#) & [A. Magesh](#)

Chapter | [First Online: 07 July 2023](#)

Research Scholar Corner**Ms. Hemalatha R**

Ms. Hemalatha R has joined Ph.D (Full-Time) in Department of Biotechnology, SVCE, Sriperumbudur under the guidance of Prof. P.K.Praveen Kumar in the Faculty of Science and Humanities of Anna University, Chennai during July 2023. Also, she has completed the First Doctoral Committee (DC) meeting for the decision of course works selection under the committee members on 24th July 2023.

Student/Faculty Achievements

iGEM team presentation in AIIM

Ms. Madhumitha K (B. Tech 2020-2024 Batch), **Mr. Arun Pravin** and **Mr. Sriram M** (B.Tech 2021-2025 batch), represented iGEM team of SVCE-CHENNAI and presented the team's iGEM idea during the All India iGEM Meet, held at IISER BHOPAL, held between 28th July 2023 to 30th July 2023.



iGEM team on World Nature Conservation Day

On the occasion of World Nature Conservation Day, iGEM team of SVCE initiated a collaborative activity with other iGEM teams of 2023, to plant a sapling. Our team SVCE-CHENNAI planted a sapling in our college premises on 20.07.2023.



One-day interaction program on IIT Madras

The Final Year B. Tech Biotechnology students (Batch 2020-24) underwent a one-day interaction program on 07th July 2023 at the Bhupat and Jyoti Mehta School of Biosciences, Indian Institute of Technology, Madras, organized by PALS. A visit to the research facilities at IIT Madras enhanced the learning experience for students by providing them with firsthand exposure to advanced laboratory setups, state-of-the-art equipment, and top-notch infrastructure. This exposure proved beneficial for their future endeavors, such as internships and research projects. In short, attending the interaction program at IIT Madras served as a platform for students to broaden their horizons, acquire practical knowledge, and explore potential opportunities in the field of biotechnology. It acted as a steppingstone towards their academic and professional growth in this domain.



Award in Paper Presentation

Ms. Akshara B.S. (Batch 2020-24) Final Year B. Tech Biotechnology won 1st place in the Sustainable Development Goals Track 2 event conducted by EWB-INDIA, in the Engineers Without Borders All India Meet (EWB AIM) at GITAM Deemed University, Hyderabad. Ms. Akshara along with her teammates presented a paper on Carbon Footprint Accounting in Track 2, which dealt with clean water, air and sanitation-related projects. Their attention to detail and commendable presentation skills were applauded and received accolades in the form of this award.





Prof. P.K. Praveen Kumar

- Dr. P. K. Praveen Kumar received Leading Educationist of India Award for the recognition of flattering merit excellence performance & outstanding contribution for the progress of the Nation & Worldwide from Friendship Forum of India, New Delhi on 02nd July 2023.
- Dr. P. K. Praveen Kumar received Bharat Excellence Award for the outstanding achievements & distinguished services to the nation in the field of educational welfare of the highest repute. from Friendship Forum of India, New Delhi on 02nd July, 2023.
- Dr. P. K. Praveen Kumar received Silver Shield Award from Institute of Innovations, Tiruvanamalai (Registered MSME, GoI) for contributing as a Course Instructor in the 15 days Internship and Certificate course on "Systems Biology Approaches of Drug Discovery in Cancer" during 12th -27th June, 2023.

Students Activities

Internship attended by the Students

- **Mr. Arvind Srinivasan A** of 2020-24 batch B. Tech Biotechnology completed an internship at Government Cuddalore Medical College Formerly (Rajah Muthiah Medical College and Hospital) in “Clinical biochemistry and Laboratory Medicine” from 20th June 2023 to 13 July 2023.
- **Ms. Janani Harikrishnan, Ms. Dharshini N S, Ms. Maanasa M, Ms. Madhumitha Rao M, Ms. Madhumitha K, Ms. Vischalli J, Ms. Rajavarsini R, Mr. Jayaraman R and Mr. Srihariharan** of 2020-24 batch B.Tech Biotechnology, A S interned at Siddha Central Research Institute in “Drug testing and Clinical trials with the animal model”, from 7th July 2023 to 22nd July 2023.
- **Ms. Jyothishree V, Ms. Vibhushini, Ms. Rupika Rajendran, and Mr. Thapasvi Anirudhan Hritheesh** of 2020-24 batch B.Tech Biotechnology, completed an internship at Siddha Central Research Institute in “Pharmacology” from 21st June 2023 to 06th July 2023.
- **Ms. Ananya R C, Ms. Kimaya G, and Ms. Dhakshni S S** of 2020-24 batch B.Tech Biotechnology, interned at Avigen Biotech Pvt Ltd. on the topic “Natural drug loaded chitosan nanoparticles and its anti-diabetic efficacy”, from 29th June 2023 to 13th July 2023.
- **Ms. Haritha M and Ms. Priya Darshini** of 2020-24 batch B.Tech Biotechnology, completed an internship at the Bioline laboratory in “Clinical testing and Disease Identification”, from 22nd June 2023 to 10th July 2023.
- **Ms. Magdalene P and Ms. Nivashini Vindhya S** of 2020-24 batch B. Tech Biotechnology, interned at Suganthi Devadason Marine Research Institute (SDMRI) in “Marine Biotechnology” from 29th June 2023 to 14th July 2023.
- **Ms. Vardhini B and Ms. Subasree S** of 2020-24 batch B.Tech Biotechnology, completed an internship at Madras Diabetes Research Foundation in “Cell Culture” and were trained in “Cryopreservation, western blotting, and protein estimation”, from 26th July 2023 to 12nd July 2023.

- **Ms. Akshara B S** of 2020-24 batch B.Tech Biotechnology, interned at Iris Med Labs Pvt Ltd. in “Biosciences” and was trained in “Diagnostic biochemistry and Molecular Biology” from 7th July 2023 to 14th July 2023.
- **Mr. David Paul Rajakumar** of 2020-24 batch B.Tech Biotechnology, completed an internship at Christian Medical College, Vellore in “Clinical Pharmacology” from 20th June 2023 to 04th July 2023.
- **Ms. Kirtana S and Ms. Lavanya J** of 2020-24 batch B.Tech Biotechnology, did an internship at Life Teck Research Center, Arumbakkam, Chennai in “Animal Tissue Culture” from 26th June 2023 to 02nd July 2023.
- **Ms. Kirtana S and Ms. Lavanya J** of 2020-24 batch B. Tech Biotechnology, interned at Tamil Nadu Cooperative Milk Producer's Federation Limited, Ambattur Aavin Dairy in “Milk Processing Unit” from 06th July 2023 to 15th July 2023.
- **Ms. Tharanghini S** of 2021-25 batch B. Tech Biotechnology completed an internship at Department of Computational and Data Sciences, Indian Institute of Science, Bangalore from 23rd June to 22nd July 2023.
- **Ms. Gaayathri M** of B.Tech Biotechnology (2021-2025 batch) attended internship training at Bversity, Chennai from 3-Jul-23 to 14-Jul-23.
- **Ms. Nithisha L Bastin** of B.Tech Biotechnology (2021-2025 batch) attended internship training at Bversity, Chennai from 3-Jul-23 to 14-Jul-23.
- **Ms. Swalakshana A S** of B.Tech Biotechnology (2021-2025 batch) attended internship training at Madras Diabetes Research Foundation, Siruseri from 26-Jun-23 to 12-Jul-23.
- **Ms. Varsha G** of B.Tech Biotechnology (2021-2025 batch) attended internship training at Madras Diabetes Research Foundation, Siruseri, from 26-Jun-23 to 12-Jul-23.
- **Ms. Christina Britney S N** of B.Tech Biotechnology (2021-2025 batch) attended internship training at Apollo KH Hospital, Vellore from 28-Jun-23 to 11-Jul-23.
- **Ms. Nithila S** of B.Tech Biotechnology (2021-2025 batch) attended internship training at Siddha Central Research Institute, Arumbakkam from 22-Jun-23 to 7-Jul-23.
- **Ms. Sulakshuna B** of B.Tech Biotechnology (2021-2025 batch) attended internship training at Apollo KH Hospital, Melvisharam, Ranipet from 8-Jun-23 to 11-Jul-23.
- **Mr. Kevin M** of B.Tech Biotechnology (2021-2025 batch) attended internship training at Biozeen, Bengaluru from 3-Jul-23 to 14-Jul-23
- **Ms. Swalakshana A S** of B.Tech Biotechnology (2021-2025 batch) attended internship training at Madras Diabetes Research Foundation- Siruseri from 26-Jun-23 to 12-Jul-23.

- **Ms. Thulasi Kalaivani B** of B.Tech Biotechnology (2021-2025 batch) attended internship training at Stanley Medical College and Hospital, Chennai from 22-Jun-23 to 15-Jul-23.
- **Ms. Kaaviya V** of B.Tech Biotechnology (2021-2025 batch) attended internship training at Syngene International, Biocon park, Bangalore from 3-Jul-23 to 21-Jul-23.
- **Mr. Girish** of B.Tech Biotechnology (2021-2025 batch) attended internship training at CSIR CEERI Madras Complex, Tharamani, Chennai from 26-Jun-23 to 10-Jul-23
- **Ms. Sudharsini V** of B.Tech Biotechnology (2021-2025 batch) attended internship training at Council of Scientific and Industrial Research- Central Leather Research Institute(CSIR-CLRI) from 26-Jul-23 to 25-Jul-23.

Course Completed by the Students

Ms. Nithyasree V of 2020-24 batch B.Tech Biotechnology has successfully completed a 4 week online training on “Clinical Trial Analysis and Reporting conducted” by Internshala in the month of July, 2023 and scored 93% in the final exams.

Alumni Write-up



Ms. Sri Nithya.S
(2019-2023 Batch)

My view on college is that it is the place where teens turn into adults through many hustles and giggles. Throughout the education period, my undergraduate years are wonderful. The staffs in Department of Biotechnology are very kind and friendly to approach, regardless of their position whether they are teaching or non-teaching staffs. I feel personally that the knowledge and the skills I acquired here in SVCE helps me a lot to my career. The meaningful thought of having the students like me feeling satisfied about their knowledge is an actual success of an institution, which the department of biotechnology SVCE has achieved in greater height and will achieve in the future. I am now an undergraduate with the support of the faculty of the department of biotechnology and my classmates which I feel thankful from my heart.

Sri Venkateswara College of Engineering SVCE

(Autonomous - Affiliated to Anna University), Sriperumbudur Tk - 602 117, Tamilnadu, India



Biotechnology Department

INFORMATION BROCHURE FOR ADMISSION TO M.TECH. BIOTECHNOLOGY & Ph.D. PROGRAMME (2023-2024)

ABOUT SVCE

Sri Venkateswara College of Engineering (Autonomous) is a premier self financing institution started in 1985 and received Autonomous status in 2016 and accredited by NAAC with A+ grade. Department of Biotechnology established in 2005 under the guidance of our chairman, Governing Council Dr. A.C. Muthiah, a well known industrialist, in order to explore and experience new frontiers of Biotechnology. The department has started B.Tech Biotechnology in 2005, M.Tech Biotechnology in 2010 & Ph.D. in 2011.

SCHOLARSHIPS

- PG scholarship of Rs. 50,000/year for 30% of the top scorers of sanctioned class strength for 2 years.
- Management Scholarships for tuition fees and assistance for books and instruments.
- AICTE-GATE Scholarship of Rs. 12,400/month for student having valid GATE score from AICTE.
- Intramural M.E/M.Tech Student Research Grant to carry out innovative projects in Biotechnology.
- Sponsorships for students to attend conferences.

Awardees of PG Scholarship



WHY BIOTECHNOLOGY @ SVCE

- State of the art research facilities are available to carry out research in various fields & experienced faculty members.
- Well equipped infrastructure for imparting practical knowledge to the students.
- MoU with industries to help the students for Internship, Training & Placement.
- Student Research Day to appreciate innovative students research projects.
- Encouraging students to take up Entrepreneurship through SVCE-EPIC Scheme.
- Industry Visits & Guest lectures by eminent speakers from reputed institutions & Industries.
- Handling courses by eminent visiting Professors from Abroad.
- Motivating students to participate in International competition like iGEM, USA.
- Encouraging students leadership activity through Technical symposium.
- Encouraging students to publish their research findings in reputed journals.
- Providing placement in biotechnology based core companies like Tata Chemicals Ltd., Zifo RnD Solutions, AstraZeneca, AGS Health, etc.
- Department received research grants (1.71 Crore) from various funding agencies such as DBT, ICMR, DST-SERB, CSIR, AICTE, MSME, TNSCST, etc.
- Department received several grants (23 lakhs) for organizing workshops, conferences, popular lectures, short-term training programmes and FDP from various funding agencies like DBT, CSIR & ICMR, AICTE, EDII, etc.

MAJOR FACILITIES

- Animal House facilities - CCSEA approved
- Wave Cell Bag Bioreactor for Mammalian Cell Culture
- Real Time - PCR & ELISA, FT-IR
- Automated Continuous Stirred Tank Bioreactor
- Computational Systems Biotechnology Laboratory
- Facilities for Stem Cell Technology
- Fluorescence & Phase Contrast Microscope
- High Performance Liquid Chromatography
- Column chromatographic Systems like FPLC
- Freeze Dryer & Spray Dryer.
- Spectrofluorophotometer
- 2D - Gel Electrophoresis
- Exclusive cold room facility

ADMISSION INFORMATION

Eligibility: As per Anna University Guidelines.

Admissions are through Tamil Nadu Common Admissions by Anna University & Entrance Examinations conducted by Consortium for the Management seats.

For department video tour, click the below link <https://youtube.com/watch?v=Ryc3-wJ2ACY>

RESEARCH FOCUS

- Immunology & Immuno-technology
- Biomaterials & Tissue Engineering
- Stem Cell Technology
- Genetic Engineering & rDNA Technology
- Cellular & Molecular Biology
- Computational Systems Biotechnology
- Bioprocess Engineering
- Degenerative Diseases & Regenerative Medicine
- Herbal Medicines & Antioxidants Research
- Microbial Technology & Metagenomics
- Food Biotechnology
- Bioseparation Techniques
- Product Development
- Metabolic Engineering
- Aquatic Fish Toxicology
- Algal Biotechnology
- Environmental Biotechnology
- Nano-Biotechnology & Drug Delivery



BIO-SVCE

[Department webpage](#)

FOR MORE INFORMATION PLEASE CONTACT

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DEPARTMENT OF BIOTECHNOLOGY
SRI VENKATESWARA COLLEGE OF ENGINEERING



COURSES OFFERED

1. B.Tech Biotechnology
2. M.Tech Biotechnology
3. M.S. (By Research)
4. Ph.D. Biotechnology

A GLIMPSE OF OUR MAJOR FACILITIES



BIOFLO 415, BENCHTOP SIP FERMENTOR, NEW BRUNSWICK SCIENTIFIC CO. INC, GERMANY

**FOR
FURTHER DETAILS
OR
ENQUIRIES**

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