

# Sri Venkateswara College of Engineering

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



Biotechnology Department

## 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 (AY 2019-20)



## MAJOR FACILITIES



- Animal House facilities - CPCSEA approved
- Wave Cell Bag Bioreactor for Mammalian Cell Culture
- Real Time - PCR & ELISA
- Automated Continuous Stirred Tank Bioreactor
- Computational Systems Biotechnology Lab
- 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

## 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://www.youtube.com/watch?v=p6TZo15pL7U>

## INFORMATION BROCHURE FOR ADMISSION TO M.TECH. BIOTECHNOLOGY & Ph.D. PROGRAMME

### ABOUT SVCE



Sri Venkateswara College of Engineering (Autonomous) is a premier self financing institution started in 1985 and received Autonomous status in 2016. 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.

### 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.

### 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



Department webpage

FOR MORE INFORMATION PLEASE CONTACT

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