



VIT
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

SCHOOL OF BIO SCIENCES AND TECHNOLOGY

Presents

28th October 2025



12th Edition

Bridging Industries & Academia
Impact of Artificial Intelligence in Biotechnology Industries



<https://events.vit.ac.in/>

VELLORE INSTITUTE OF TECHNOLOGY

VIT was established with the aim of providing quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly encouraged to nurture the students. The global standards set at VIT in the field of teaching and research spur us on in our relentless pursuit of excellence. In fact, it has become a way of life for us. The highly motivated youngsters on the campus are a constant source of pride. Our Memoranda of Understanding with various international universities are our major strength. They provide for an exchange of students and faculty and encourage joint research projects for the mutual benefit of these universities. Many of our students, who pursue their research projects in foreign universities, bring high quality to their work and esteem to India and have done us proud. With steady steps, we continue our march forward.



SCHOOL OF BIO SCIENCES AND TECHNOLOGY

The School of Bio Sciences and Technology consists of four departments namely Biotechnology, Integrative Biology, Bio Sciences and Bio-Medical Sciences. The school offers an undergraduate (B.Tech. Biotechnology), four post-graduate (M.Sc. and M.Tech), and two integrated postgraduate (M.Sc.) and Ph.D programmes. As per the National Education Policy, multiple entry and exit options are made available in the Integrated PG programmes. In addition to the regular programmes, specialisations are available in prominent areas. In addition to the regular curricular structure, the schools provides ample opportunities to expose the students in current research developments and to the requirements of the industries. Faculty members of SBST carry out both fundamental as well as translational research with a focus on providing sustainable solutions and offer consultancy services to various industries. The school has published 3000+ research / review articles, books / book chapters with a h-index of 91 (i₁₀ index 963); 99 patents published / granted; research outputs in collaboration with 124 industries. The research has gained international prominence and consequently have been ranked in the range 351-400 in Biological Sciences by the QS World University Rankings by Subject in 2025.

ABOUT VIT BIOSUMMIT

Biosummit is a flagship event of the School of Biosciences and Technology with an objective of bridging the gap between the industries and academic. This is a conscious effort taken by the school to provide opportunities to the students to interact with the industries. As a part of the Institutional Responsibility, the programme is also made open to faculty and students from other universities.

This event is expected to provide opportunities for networking between industry and academia. In addition, it has been a practice to recognize notable alumni of the School.

Machine Learning and Artificial Intelligence are said to transform the biotechnology industry, especially in areas such as drug discovery, personalized medicine, improving agricultural practices, and streamlining manufacturing processes through advanced data analysis and predictive modeling. Therefore, the 12th edition of Biosummit focuses on the impact of these revolutionizing technologies on the growth of biotechnology industries. Several industries are expected to participate in the event. Apart from the lectures and other technical events, it is also proposed to sign the Memorandum of Understanding with selected industries, to establish a long-term association for specific objectives

Biosummit 2025

Several industries are expected to participate in the technical sessions of Biosummit 2025 and will be involved in discussions with the faculty members and the students. The industries will also highlight the following during the technical sessions and group discussions:

- The need to adopt to newer technologies
- Changing job market in view of these emerging technologies
- Internship and placement opportunities for students
- Possibilities for start-ups and technology innovation
- Higher education in India and abroad
- Collaborative projects leading to product development
- Industry-sponsored projects and consultancy opportunities
- Targeting specific sustainable developmental goals, especially good health and well-being (SDG3)

PAST INDUSTRY ASSOCIATES



ORGANIZING COMMITTEE

Chief Patron

Dr. G. Viswanathan

Founder and Chancellor, Vellore Institute of Technology

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Dr. Sekar Viswanathan, Vice President, VIT

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Dr. A. Anand, Associate Dean, SBST

Conveners

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Dr. G. Jayaraman, Professor, SBST

Organizing Secretaries

Dr. V. Shanthi, HoD Department of Biotechnology

Dr. Sudha Ramaiah, HoD Department of Bio-sciences

Dr. K. Suthindhiran, HoD Department of Bio-medical Sciences

Dr. Trupti Patel, HoD Department of Integrative Biology

Overall Coordinator

Dr. V. Mohanasrinivasan, Professor

Associated Student Chapters

Student Association of Bio-Engineering, Science and Technology (SABEST), Biotech Research Society of India (BRSI), Bioinspired Design (BID), Alpha Bio Cell (ABC)

REGISTRATION

Registration Fee (inclusive of GST)*

For All Participants - 1000/-

The participants are requested to register by paying the registration fee on or before 27th October 2025

To do this, simply go to <https://events.vit.ac.in/>

***(Fee Includes one lunch, Registration kit and Refreshments)**

(Accommodation charges not included in the Registration fee, Accommodation assistance shall be provided)

Registration Queries

Email: vitbiosummit2025@gmail.com

Contact number: 9047699029

VIT-A Place to learn; A Chance to grow