

# TIMELINE

**SCHOOL OF BIOSCIENCES AND  
TECHNOLOGY**

**&**

**SOCIETY FOR BIOLOGICAL  
ENGINEERING**

**PRESENT**



## Georift

Exploration Beyond Boundaries

**8TH-9TH JANUARY 2025**

**VOC GALLERY**

**EVENTS.VIT.AC.IN**

**Event**

**Start**

**End**

### Day 1 - 24/3/25

Inauguration	9:30	9:45
Speaker Session	9:45	11:00
Release of Problem	11:00	11:30
Statements		
IOT Workshop	11:30	13:00
Lunch	13:00	14:00
Ideation	14:00	17:00
Review 1	17:00	19:00
Departure for Day 1	19:30	

### Day 2 - 25/3/25

Ideation and Prototype	9:30	11:00
Development		
Crisis Reveal	11:00	-
Sponsor Session	12:15	13:00
Lunch	13:00	14:00
Judging	14:00	17:00
Winner Announcement	17:00	17:45
Departure for Day 2	18:00	

# ABOUT VIT

Vellore Institute of Technology (VIT), founded in 1984 as Vellore Engineering College by Chancellor Dr G. Viswanathan, has gained recognition for its academic excellence, attracting students from across India and over 53 countries. VIT has signed over 500 MoUs with top-ranked universities across the globe, further solidifying its international standing. The MHRD-NIRF Ranking 2024 has recognised VIT's remarkable achievements, ranking it 13th in Research, 11th in the Engineering Category, 10th in the University Category, and 19th in the Overall Category.

VIT has implemented several innovative academic processes designed to enhance the educational experience of its students. The Fully Flexible Credit System (FFCS), Project-Based Learning (PBL), and fully digitized academic portals empower students to prepare effectively for the evolving job market of 2024. The curriculum also includes Hack-a-thons and Make-a-thons, which kindle students' interest and curiosity, thereby developing their problem-solving skills.

# ABOUT SBST

The School of Bioscience and Technology (SBST), established in 2001 at VIT, Vellore, is comprised of four departments- Biotechnology, Integrative Biology, Bio-Sciences, and Biomedical Sciences. SBST has one of the largest concentrations of qualified biologists in the country due to its 40 research facilities, 16 teaching labs and its state-of-the-art infrastructure and highly trained staff. Bioinspired design and its awareness have been proactively promoted among students here at SBST over the past eight years. Our efforts are bolstered by our partnerships with institutions both domestic and abroad, as well as with multinational corporations and visiting scientists.

# ABOUT SBE

SBE-VIT is an international biotechnology chapter dedicated to providing a dynamic platform for students to explore their passion for interdisciplinary fields and contribute to their advancement. SBE-VIT organizes numerous make-a-thons, debates, workshops and expert lectures enabling students to engage in various learning experiences. The chapter is represented by the SBE-Team on external platforms, which aims at further promoting excellence in biological engineering. Collaboration and teamwork are two of the essential aspects of the chapter's functioning. The main objective of this chapter is to integrate biotechnology in all aspects of engineering. In addition to this, the chapter also focuses on community outreach and social responsibility. Through its diverse range of activities and initiatives, SBE-VIT seeks to empower students to develop their technical skills and cultivate a passion for research.

# ABOUT GEORIFT

Exploration through biotechnology: investigating the untapped realms of the deep sea, outer space, mining zones, microbial worlds, and radioactive environments. Participants will ideate biotech-based protection systems, innovations, or solutions tailored to survive or thrive in these extreme conditions.

Participants will develop a prototype or conceptual model that showcases how their solution would function in real-world extreme environments. This includes designing core mechanisms, outlining feasibility, and presenting how biotechnology can push the boundaries of exploration and human capability. They'll map out biological pathways or engineered systems, evaluate environmental constraints, and justify how their design maintains stability, safety, and performance under harsh conditions.

Teams will also create a brief implementation plan, highlight potential challenges, propose mitigation strategies, and demonstrate the scientific reasoning behind their choices. By the end, they'll deliver a clear, functional vision of a biotech solution built to withstand these extreme conditions.

# PEOPLE INVOLVED

## Chief Patron

Dr. G. Viswanathan **Founder & Chancellor, VIT**

## Patrons

Mr. Sankar Viswanathan **Vice - President, VIT**

Dr. Sekar Viswanathan **Vice - President, VIT**

Dr. G. V. Selvam **Vice - President, VIT**

Dr. Sandhya Pentareddy **Executive Director, VIT**

Ms. Kadhambari S. Viswanathan **Assistant Vice President, VIT**

## Co-Patrons

Dr. V. S. Kanchana **Vice Chancellor, VIT**

Bhaaskaran

Dr. Partha Sharathi **Pro Vice Chancellor, VIT**

Mallick

Dr. T. Jayabharathi **Registrar**

## Chairperson

Dr. Suneetha V. **Dean, SBST**

## Co-Chair

Dr. Anand A. **Associate Dean, SBST**

## Convener

Dr. Debasish Mishra **SBST**

## Faculty Organizers and Mentors

Dr. Anand Veerabadra Prasad **SCHEME**

Gurumoorthy

Dr. Sunita Nayak **SBST**

Dr. Faraz Ahmed **SBST**

Dr. Rohit **SBST**

Dr. Rashmi Kataria **SBST**

Dr. Aanchal Mittal **SBST**

Dr. Priyanka Sen **CBST**

Dr. Raunak Kumar Das **CBCMT**

Dr. Priyanka Srivastava **CNBT**

Dr. Ponnambalam P. **SELECT**

Dr. Soumi Ray **SME**

Dr. Debashis Maji **SENSE**

Dr. Budhaditya Bhattacharya **SENSE**

## Co Organizer

Members and Board of Society for Biological Engineering (SBE)-VIT student chapter.

# OUR SOCIALS

 Society for Biological Engineering (SBE-VIT)

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 sbe@vit.ac.in