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

SCHOOL OF BIO SCIENCES AND TECHNOLOGY

&

THE BIOTECH RESEARCH SOCIETY,INDIA-VIT CHAPTER

PRESENTS

ELUCiD 3.0

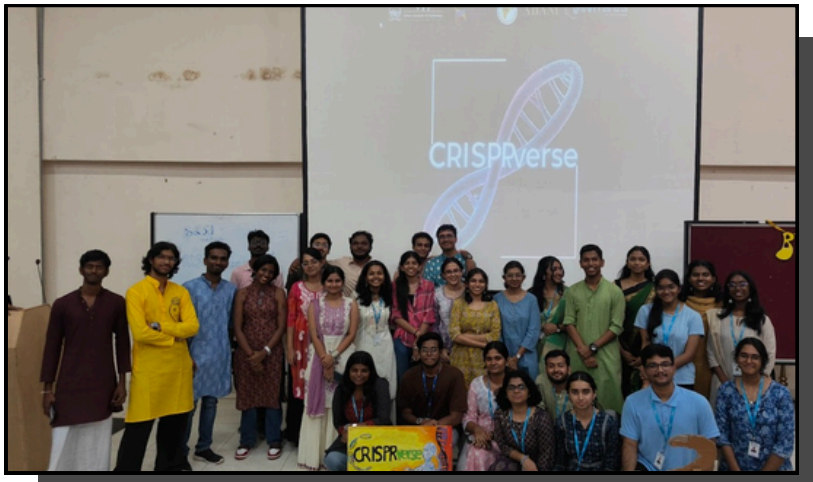
ELEVATE LEARNING,UNLEASH CREATIVITY IN IDEATION

DATE : 24 & 25 MARCH 2026
LOCATION : VIT-VELLORE

BRSI-VIT

THE BIOTECH RESEARCH SOCIETY, INDIA- VIT CHAPTER

The Student Chapter is dedicated to advancing research in the field of biotechnology. We are a group of passionate enthusiasts from the Vellore Institute of Technology, committed to providing students with a strong platform to excel in the research domain. At BRSI–VIT, we believe that every individual is offered ample opportunities to learn, grow, and shine.



Welcome to Elucid 3.0, the flagship event

Hosted by The Biotech Research Society, India (BRSI)–VIT, Elucid 3.0 is a dynamic two-day event bringing together 150–200 participants at the Ambedkar Auditorium, VIT Vellore. The event unites biotechnology, interdisciplinary nanotech, computational modeling and a high-stakes virtual economy, challenging participants to innovate and pitch impactful solutions.

Core Theme

Elucid 3.0 centers on nanotechnology-driven problem statements rooted in biotechnology. These challenges are organized into multidisciplinary tracks, encouraging diverse scientific perspectives to address complex real-world issues. Participants are expected to develop innovative, sustainable solutions that integrate biotech with complementary scientific and technological domains.

EVENT TIMELINE

- Guest Lecture
- Problem Statement
- Poster Presentation
- Stock Market
- Scobra Workshop
- Hackathon
- Presentation
- Valedictory

HACKATHON

The hackathon's technical core focuses on using scobra, an extension of the COBRA (Constraint-Based Reconstruction and Analysis) toolbox, for constraint-based metabolic modeling and analysis of genome-scale metabolic models. Participants analyze how nanotechnology interventions impact biological systems using computational methods. Teams perform Flux Balance Analysis (FBA) by loading organism-specific models, applying biological constraints, and defining metabolic objectives. This enables them to generate quantitative data that validates their solutions through evidence-based scientific modeling rather than purely theoretical ideas.

EVALUATION

The ELUCID evaluation will involve a poster presentation covering the team's ideation, stock market portfolio and net worth analysis, and the final presentation of the hackathon extension. Submissions will be judged based on creativity and feasibility by esteemed faculty from Vellore Institute of Technology, Vellore, who will assess the ideas along with the posters submitted by each team to select the top-performing teams.

ABOUT VIT-VELLORE

Vellore Institute of Technology, founded by Dr. G. Vishwanathan in 1984, is a private institution of higher education. VIT was founded with the intention of providing quality, international-standard higher education. It actively pursues to implement novel approaches to enhance the quality of higher education. VIT offers forty undergraduate, thirty-seven graduate, four interdisciplinary, and four research programmes.

ABOUT BRSI

The aim of The Biotech Research Society, India [BRSI] is to promote the R&D in biotechnology, bring interaction between the academic institutes and biotech industries, interact with the industries and help them in resolving their problems as well make them aware with the new developments in the biotech sector, provide and arrange training in biotechnology, dissemination of biotech knowledge through the organization of lectures, seminars and symposia on scientific programmes and societal missions.

ABOUT SBST-VIT

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.

Our efforts are bolstered by our partnerships with institutions both domestic and abroad, as well as with multinational corporations and visiting scientists.

SBST's commitment to excellence is further amplified through its strong collaborations with leading national and international institutions, as well as partnerships with multinational corporations. Regular engagement with visiting scientists and industry experts ensures that students and researchers remain at the forefront of emerging scientific trends, driving impactful discoveries and real-world applications.

PEOPLE INVOLVED

Chief Patron

Dr. G. Viswanathan	Founder & Chancellor, VIT

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Co-Convener

Dr. Gothandam K.M	Professor, SBST

Co-Organiser

Members and Board of The Biotech Research Society, India, VIT-Student Chapter

OUR SOCIALS

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