

**Aarupadai Veedu Institute of Technology**

**Vinayaka Mission's Research Foundation**

**Department of Biotechnology**

**Theme of event: “*SYNERGY INNOVATION CHALLENGE 2026 -  
INTEGRATING SCIENCE, ENGINEERING AND TECHNOLOGY  
FOR SOCIETAL DEVELOPMENT*”**

Date: 27th August 2026

Organized by Department of Biotechnology in collaboration with Institution's  
Innovation Council (IIC) and R&D Cell

**Objectives of the event:**

- ✓ To promote interdisciplinary innovation by bringing together students from science, engineering and technology disciplines.
- ✓ To encourage creative problem-solving and develop innovative solutions addressing real-world societal challenges.
- ✓ To foster an entrepreneurial mindset among students by providing exposure to entrepreneurship, technology development and innovation.
- ✓ To provide a platform for students to showcase their ideas and prototypes and receive evaluation and constructive feedback from experts.
- ✓ To strengthen the culture of innovation and collaboration through the active involvement of students, mentors, IIC, R&D Cell and academic departments.



**AVIT**  
SARIPADAI VEDU INSTITUTE OF TECHNOLOGY



Cordially invites you all to the

# SYNERGY INNOVATION CHALLENGE 2026

Integrating Science, Engineering and Technology  
for Societal Development

## Themes



Tech-Driven Innovations for  
Sustainable Development &  
Human Well-being



Digital Health



Energy-Efficient Devices –  
A Current Need



Sustainable Construction  
Materials



AI-Driven Real-World  
Applications



AI-Driven Predictive  
Maintenance



Future-Ready Innovations  
through Science, Engineering  
& Technology



Innovative Solutions for  
Global Challenges



Resource Person

**Mr. Gokul Krishnan**

CTO & Co founder  
SKAIQUANT TECHNOLOGIES  
AI Developer @ Skandax Nexus



**27** August  
2026



09.00 A.M.



Digital  
Classroom



**VINAYAKA MISSION'S  
RESEARCH FOUNDATION**  
(Deemed to be University under section 3 of the UGC Act 1956)  
Chennai Campus



Organised by  
Department of Biotechnology  
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The event “Synergy innovation challenge 2026” was successfully organized on **27th August 2026** by the **Department of Biotechnology** in collaboration with the **Institution's Innovation Council (IIC)** and **R&D Cell**, with the theme “**Integrating Science, Engineering, and Technology for Societal**”

**Development.”** The event was aimed at promoting interdisciplinary innovation, creativity, problem-solving and entrepreneurship among students with following themes

## **EXPO THEMES**

- Tech-Driven Innovations for SD & Human Well-Being.
- Digital Health & Smart Medical Systems.
- Energy Efficient Devices – A Current Need.
- Sustainable Construction Materials & Eco-Structures.
- AI-Driven Real-World Applications for Daily Challenges.
- AI Predictive Machine Maintenance & Industry 4.0.
- Future-Ready Innovations through Science, Engineering & Technology
- Innovative Solutions for Global Challenges.

A total of **27 teams** representing various departments of the institution participated enthusiastically in the challenge. The participating departments included **Computer Science Engineering, Biotechnology, Biomedical Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, and Civil Engineering**. The participation of students from diverse engineering and science disciplines provided an excellent platform for interdisciplinary collaboration and the development of technology-driven solutions to societal challenges.

The programme commenced with an **inspiring entrepreneurship session** delivered by **Mr. Gokul Krishnan, CTO and Co-Founder of SKAIQUANT Technologies and AI Developer at Skandax Nexus**. The guest for the day welcomed by Dr.A.Nirmala, Professor and Head, Department of Biotechnology, AVIT. **Mr. Gokul Krishnan** talk focused on the journey of successful entrepreneurship, innovation, technology development and the importance of transforming ideas into practical solutions. The session motivated students to

explore entrepreneurial opportunities and encouraged them to develop an innovation-oriented mindset.



Following the inaugural session, all **27 innovative projects** were presented by the respective student teams. The projects showcased creativity, technical knowledge, interdisciplinary collaboration and the potential application of science and technology for societal development. Each project was thoroughly

evaluated by an **esteemed panel of experts and the guest of the day** based on innovation, relevance, technical feasibility, problem-solving potential, and societal impact.



At the conclusion of the challenge, the **top three performing teams** were recognized for their outstanding innovative contributions, and **cash prizes were distributed** to the winners. The recognition provided encouragement to the students and reinforced the institution's commitment to nurturing innovation and entrepreneurship.



The **Synergy Innovation Challenge 2026** successfully provided a platform for students to showcase their ideas, interact with experts, develop interdisciplinary solutions and gain exposure to the innovation and entrepreneurship ecosystem. The event concluded with appreciation to all **participants, mentors, experts, coordinators, IIC, R&D Cell and the Department of Biotechnology** for their valuable contributions towards making the programme a successful and impactful initiative. All participants and the top three winners received an e-certificate of appreciation. The session ended with vote of thanks by **Dr.L.Aranganathan** Assistant Professor (Event Co-Ordinator), Department of Biotechnology, AVIT.