



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



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



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

&

DEPARTMENT OF BIOMEDICAL ENGINEERING

In association with

Institution Innovation Council, IEEE Student Chapter- AVIT & IETE students Forum

ORGANIZE

Inventathon: Where Ideas Come Alive

Event Title	Inventathon: Where Ideas Come Alive		
Resource Person	Dr. R. Jaichandran Professor – CSE Department & Deputy Director Research, VMRF		
Academic year	2025-2026		
Program Type (Workshop / Motivation speech / Field Visit / Competition / Others)	Others		
Program Theme (IPR / R&D and Innovation / Start-up / Entrepreneurship / Design Thinking / Incubation & Pre – Incubation / others)	Design Thinking		
Start date & End Date (DD/MM/YYYY)	31.09.2025		
Duration of the activity (in Mins) & Start Time & End Time	Duration: Mins.	Start Time: 10:00 AM	End Time: 3.00 PM
Participants	Students: 40	Faculty: -	External: -
Mode of session (online / offline)	Offline		
Event Organizer / Coordinator Faculty Name / Department / Designation	Dr.A. Keerthika, Asst.Prof (GR-II), ECE Department		
Target Participants	IV Year students of BME,ECE		
Outcome	The Inventathon: Where Ideas Come Alive event successfully inspired innovation and creativity among participants, transforming raw ideas into practical prototypes. Students collaborated to develop impactful solutions addressing real-world challenges. The event enhanced problem-solving, teamwork, and technical skills, fostering a culture of innovation and entrepreneurship within the institution.		



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EVENT BROCHURE



AVIT
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Vinayaka Missions Chennai Campus



Cordially invites you all to



Inventathon

Where Ideas Come Alive

Resource Person

Dr. R. Jaichandran

Professor – Department of CSE &
Deputy Director (Research)
VMRF-DU



31st October
2025

10:00 AM - 3:00 PM
Smart Classroom

Organized by

**Department of Electronics and Communication Engineering
&
Department of Biomedical Engineering**



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In association with



**INSTITUTION'S
INNOVATION
COUNCIL**
Ministry of Education Initiative



IEEE



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EVENT REPORT

The Department of Electronics & Communication Engineering and Department of Biomedical Engineering in association with **Institution Innovation Council (IIC)**, **IEEE Student Chapter- AVIT & IETE students Forum** organized the event **“Inventathon: Where Ideas Come Alive”** on **31.09.2025** to encourage innovation and creativity among students. The event aimed to provide a platform for students to present novel ideas and develop functional prototypes addressing real-life challenges.

Dr.L.K. Hema, Professor and Head of the Department ECE/BME delivered the welcome address, then chief guest introduction by Ms.R.Bavani Third year BME . The Chief guest **Dr. R. Jaichandran**, Professor – CSE Department & Deputy Director Research, VMRF delivered the special address to the students and served as a judge for the showcased prototypes.

The event received enthusiastic participation from students from final years. Teams presented innovative ideas related to sustainable technology, healthcare devices, smart systems, and digital solutions. Faculty members and technical mentors guided the participants throughout the event. A panel of judges evaluated the prototypes based on innovation, feasibility, and impact.

The *Inventathon* event successfully inspired students to convert their ideas into tangible prototypes. It improved their design thinking, communication, and technical skills. The event also encouraged interdisciplinary collaboration and laid the foundation for future project development and research initiatives within the department.



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The event proved to be an enriching experience for both participants and organizers. The event strengthened the department's commitment to fostering innovation and creativity among students and promoting hands-on learning through prototype development. Mementos were presented to the winners during the valedictory program as a token of appreciation for their outstanding performance and Manasa from III yr BME concluded the event by delivering the Vote of Thanks with group photo.



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EVENT GALLERY



Karunguzhipallam, Tamil Nadu, India 🇮🇳
M54h+jjr, Karunguzhipallam, Tamil Nadu 603104, India
Lat 12.656696° Long 80.179278°
Friday, 31/10/2025 11:17 AM GMT +05:30



Karunguzhipallam, Tamil Nadu, India 🇮🇳
M54h+jjr, Karunguzhipallam, Tamil Nadu 603104, India
Lat 12.656727° Long 80.179212°
Friday, 31/10/2025 11:33 AM GMT +05:30



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LIST OF PARTICIPANTS

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
 Department of Electronics and Communication Engineering
 & Department of Biomedical Engineering
 Inventathon-2025

Date: 31.10.2025 Time: 10.00 AM

S.NO	NAME OF THE STUDENT	PROJECT TITLE	SIGN
1.	Alina paveen Dilli Akash Atashi Shivabalan	Grip strength measurement monitoring system	S. H. J. C. D. J.
2.	Nandhini.A Abirami.D Divyabharti	Iot-Enabled smart health monitoring system for remote management of COPD	Nandi. Divya J.
3.	V. Lakshmi T. Sanjay velmosugan	Non-Invasive Neonatal Jaundice Detector	V. Lakshmi M. A.
4.	Rajaganapathy.R Vigneshwara J Elumalai.M	THERMAL SENSING WITH SANITIZE UNIT	R. A. J. S. V. J.



LIST OF PARTICIPANTS

S.NO	NAME OF THE STUDENT	PROJECT TITLE	SIGN
5	Fathima Nisha Ajinsha Kaanakalingi	Non-invasive blood level detection device	
6	Devika Suresh Abid Azeem	REFLEXOMETER WITH SOUND MODULE	
7	Pranav K. K. K. Chhotu Kumar Saru Kumar	A real-time cardiac monitor- ing using a multi-sensory smart IOT system	
8	Alben Albert Muhammed Sameem	Pacifics thermometry	
9	Afsal S Rafi Anzil	Foot pressure monitor	
10.	Laxmanray Dhiraj Kumar Godhandaraman	Smart Neck band for health monitoring and Woman Safety	



LIST OF PARTICIPANTS

S.NO	NAME OF THE STUDENT	PROJECT TITLE	SIGN
11	Akash kumar MS Anasa Hanin Prasanna chandran Ankan Reddy	Wireless notice board using Internet of things	
12	Anul raj Shafiqha Parveen Petha Harshavardhan reddy.	Smart pet tracking system using IoT for real time location monitoring	
13	KARARAPARTHI SAI RAVAN chennamsetty Sree hari Kuppam Krishna Rao	AI BASED MULTI- FACTOR SMART DOOR LOCK	
14	Chintha Suresh koushik kumar Reddy vishal VS	Multi Room intercom system Using ESP32	
15	Deenu Shadhin AS kuppam Krishna Rao Saran Raj Sachin	IoT-ENHANCED system for Real time water quality monitoring in smart cities	