

**AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY  
VINAYAKA MISSIONS RESEARCH FOUNDATION  
(DEEMED TO BE UNIVERSITY)**

**REPORT ON INNOVATION DAY**

**Date: 20/09/2023**

Cordially invite you all for the  
**Celebration of INNOVATION DAY**  
on account of Dr. APJ Abdul Kalam's Birthday  
18<sup>th</sup> October, 2023 | 10:00 am | Digital Classroom

**The list of events are**

- Delving into Engineering Fundamentals - Exhibit
- Showcasing Advances in the field of Engineering - Exhibit
- From Aryabhata to Chandrayaan: ISRO's Space Legacy - Poster/ model presentation
- Activity based learning

**Exciting three rewards will be given for the events**

Organised by : Institution's Innovation Council  
in association with Student Council of AVIT and  
Dr. APJ Abdul Kalam  
Aero Vehicle Innovation Technology Club

Logos: AVIT, Institution's Innovation Council, Vinayaka Missions Research Foundation, and Aero Vehicle Innovation Technology Club.

Cordially invite you all for the  
**Celebration of INNOVATION DAY**  
on account of Dr. APJ Abdul Kalam's Birthday  
19<sup>th</sup> October, 2023 | 10:30 am | Indoor Auditorium

**Resource Persons**

**Dr. M. S. Narayanan**  
DBT Ramalingaswami Re-Entry Faculty,  
Department of Biotechnology,  
IIT Madras, Chennai.

**Dr. Mayilvahanan Bose**  
Assistant Professor,  
Department of Molecular Oncology  
Cancer Institute (WIA)

**GIEC**  
GATEWAY TO INNOVATION AND  
ENTREPRENEURSHIP CENTER

Organised by : Institution Innovation Council, Ganesan Incubation and Entrepreneurship Center (GIEC)  
in association with Student Council of AVIT and  
Dr. APJ Abdul Kalam  
Aero Vehicle Innovation Technology Club

Logos: AVIT, Institution's Innovation Council, Vinayaka Missions Research Foundation, GIEC, and Aero Vehicle Innovation Technology Club.

Institute Innovation Council in association with Student Council of AVIT and Dr. APJ Abdul Kalam Aero Vehicle Innovation Technology Club organized the celebration of Innovation Day on 18<sup>th</sup> October, 2023 and 19<sup>th</sup> October 2023, on account of Dr. A P J Abdul Kalam's Birthday.

Four technical events were conducted on 18<sup>th</sup> October 2023, namely,

- Delving into Engineering Fundamentals - Exhibit
- Showcasing Advances in the field of Engineering - Exhibit
- From Aryabhata to Chandrayaan: ISRO's Space Legacy – Poster/ model presentation
- Activity based Learning

Students from all the engineering stream actively participated in the events. The exhibits were characterized as basic engineering concepts, advanced engineering concept, poser/model presentation related to ISRO. 85 students with an exhibit count of 37 were exhibited. These exhibits were judged by three judges from different streams based on the criteria of how the student have actively participated in making of the exhibit along with understanding the concepts. The program was conducted in and near the Digital Classrooms.

Activity based learning was conducted by the students, and they designed interesting technical activity. 713 students participated in the different activities organized by the students. Department of Computer Science and Engineering conducted Quiz on innovation day. The activity concentrated on exploring the knowledge of the students from various streams and 164 students participated in it. The students were

from different departments. Time limit was taken as the important criteria in the three events to judge the winner.

Department of Pharmaceutical Engineering conducted four activities titled DT Apparatus suppositories, Liniment and Capsule filling. 182 students participated in DT apparatus, 103 in suppositories, 150 in Liniment and 59 in Capsule filling.

Department of Biotechnology conducted Break the Wall activity. It was about breaking a wall made of paper cups, after answering an interesting question asked. 105 students from various branches played the event.

Department of Mechanical Engineering conducted an interesting activity named, Bulls Eye. It was an event that focused on explaining the aerodynamic design. 100 students participated in that event.

The activity conducted by Department of Electronics and Communication Engineering was Fun with Electronics. 174 students participated in the activity. Students were instructed to pass a coil from top of a cylindrical coil. If the coil touches the edges of the cylinder, the circuit will be closed and a beep sound is heard. Two chances were given to the students to try their luck, and the student who passed the coil without touching the cylinder was selected as winner. Another activity conducted by them were Circuit Board – Breadboard Connection. 41 students actively participated in the activity.

Department of Biomedical Engineering conducted the activity named Quiz about Human Anatomy and Physiology. 87 students participated and the evaluation was done on the basis of answering the questions in the given time.

Department of Electrical and Electronics Engineering conducted two events – Mix and match and Buzz the wire. Mix and Match was the activity to find the scientists name from their inventions. 115 students from different departments participated in the activity. Buzz the wire activity had a twisted coil and a loop has to be taken from one end to other end without touching the coil. 135 students actively participated and enjoyed the activity.

Members of Dr. APJ Abdul Kalam Aero Vehicle Innovation Technology Club, AVIT made models and poster presentations about the step by step growth of ISRO. Their colorful and innovative exhibits attracted students and created interest to enjoy the event.

Many students interestingly participated in the various events. The students enjoyed the organized events by understanding basic engineering concepts with the help of few simple practical visualization.

The celebration of the Innovation Day continued on 19<sup>th</sup> October 2023. Two eminent speakers were invited to address the students. The resource persons on that day were, Dr. M.S. Narayanan, DBT Ramalingaswami Re-Entry Faculty, Department of Biotechnology, IIT Madras, Chennai and Dr. Mayilvahanan Bose, Assistant Professor, Department of Molecular Oncology, Cancer Institute (WIA). The presidential address was delivered by our Vice Principal Admin, Dr. L. Prabhu. He welcomed the guests with memento. The speakers addressed the students regarding the cervical cancer and its effects on human body. They also highlighted that engineers are needed to be innovative and should in inter-discipline streams that would be more beneficial to the society. Later, the speakers felicitated the winners' of the events and the presentations that was held on Innovation Day - 18<sup>th</sup> October, 2023.

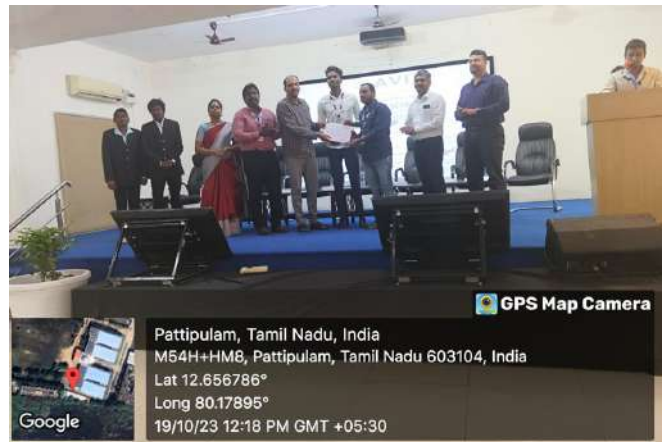
**Photos of the Innovation Day on 18.10.2023:**





**Photos of the Innovation Day on 19.10.2023:**





Samples of certificates issued on 19.10.2023



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RESEARCH FOUNDATION  
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## Certificate of Appreciation

This is to certify that Mr./Ms. KAVIYA of  
II - BTE has participated in the event  
Delving into Engineering Fundamentals and secured 1 position  
during the celebration of **INNOVATION DAY** held on 18<sup>th</sup> and 19<sup>th</sup> October 2023, at Aarupadai Veedu  
Institute of Technology, Chennai.



*Dr. G. Selvakumar*  
Dr. G. Selvakumar  
Principal



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This is to certify that Mr./Ms. MD ZIBRAN of  
IV - EEE has participated in the event  
Delving into Engineering Fundamentals and secured II position  
during the celebration of **INNOVATION DAY** held on 18<sup>th</sup> and 19<sup>th</sup> October 2023, at Aarupadai Veedu  
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This is to certify that Mr./Ms. KRISHAN KUMAR of  
III- EEE has participated in the event  
SHOWCASING ADVANCES IN THE FIELD OF ENGINEERING and secured I position  
during the celebration of **INNOVATION DAY** held on 18<sup>th</sup> and 19<sup>th</sup> October 2023, at Aarupadai Veedu  
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INSTITUTION'S  
INNOVATION  
COUNCIL  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

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## Certificate of Appreciation

This is to certify that Mr./Ms. HARIPRASATH M of  
III - CSE- CS has participated in the event  
Showcasing Advances in the Fields of Engineering and secured II position  
during the celebration of **INNOVATION DAY** held on 18<sup>th</sup> and 19<sup>th</sup> October 2023, at Aarupadai Veedu  
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## Certificate of Appreciation

This is to certify that Mr./Ms. ATIQR RAHMAN of  
III - CSE has participated in the event  
Showcasing Advances in the Field of Engineering and secured III position  
during the celebration of **INNOVATION DAY** held on 18<sup>th</sup> and 19<sup>th</sup> October 2023, at Aarupadai Veedu  
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Dr. G. Selvakumar  
Principal



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## Certificate of Appreciation

This is to certify that Mr./Ms. MD FAIZAL HUSSAN of  
II - CSE has participated in the event  
From Aryabhata to Chandrayaan: ISRO's Space Legacy and secured I position  
during the celebration of **INNOVATION DAY** held on 18<sup>th</sup> and 19<sup>th</sup> October 2023, at Aarupadai Veedu  
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This is to certify that Mr./Ms. SHASHI BHUSHAN of  
III - CBE has participated in the event  
From Aryabhata to Chandrayaan : ISRO's Space Legacy and secured II position  
during the celebration of **INNOVATION DAY** held on 18<sup>th</sup> and 19<sup>th</sup> October 2023, at Aarupadai Veedu  
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This is to certify that Mr./Ms. ARDITYA RAJ of  
III - CBE has participated in the event  
From Aryabhata to Chandrayaan : ISRO's space Legacy and secured III position  
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