

NEWSLETTER

ALBEDO



HINDUSTAN
INSTITUTE OF TECHNOLOGY & SCIENCE
(DEEMED TO BE UNIVERSITY)

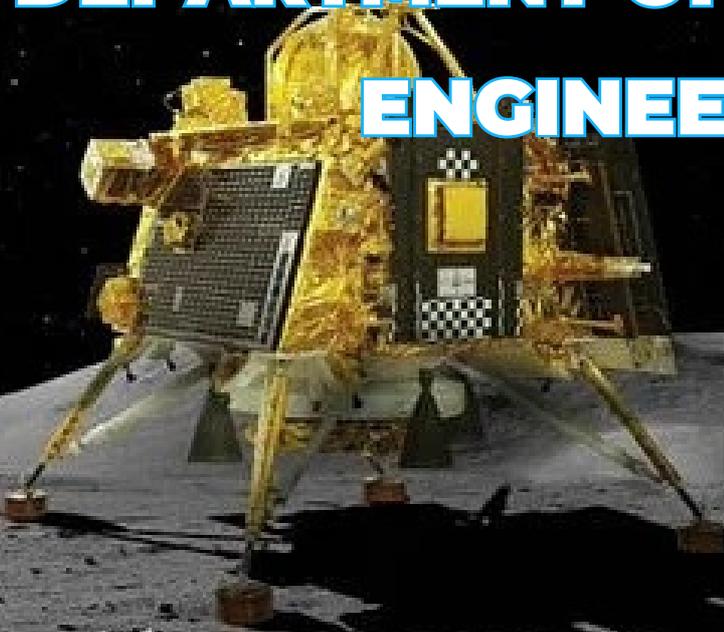
OCT '23

ISSUE

**DEPARTMENT OF AERONAUTICAL
ENGINEERING**

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**DEPARTMENT OF AEROSPACE
ENGINEERING**



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Programs Offered

Undergraduate Program

-  **B.Tech Aeronautical Engineering**
-  **B.Tech Aerospace Engineering**

Postgraduate Program

-  **M.Tech Aeronautical Engineering with specialization in Aircraft Maintenance & Avionics**
-  **M.Tech Defence Technology**





EVENTS

AatmaNirbhar Bharat
DEFENCE & TECHNOLOGY EXPO
 3rd to 5th Sep 2023 TRANSFORMING INDIA
 CHENNAI TRADE CENTRE, NANDAMBAKKAM, CHENNAI

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ACTIVITIES

TN Defence & Technology Expo:

Dr. R. Asokan, Dean Aviation delivered a key note speech in Tamil Nadu Defence & Technology Expo 2.0 on 4th September 2023 at Nandambakkam Trade Centre, Chennai. The expo was organised by MSME & TIDCO.



EVENTS

&

ACTIVITIES

Tamil Nadu Defence Expo- 2nd Edition



A team of 4 faculty and 90 students from Department of Aeronautical & Aerospace Engineering visited the Tamil Nadu Defence Expo - 2nd edition at Nandambakkam Trade Centre, Chennai on 4th September 2023.

Inauguration of “BAY RANGE HANGAR”

The “Bay Range Hangar” is an additional facility added to Department of Aeronautical Engineering at Hindustan Institute of Technology and Science, to cater the aircraft maintenance and training with versatile fleet of aircraft and helicopter. The newly inducted Piper Seneca twin engine aircraft is parked in the Bay Range Hangar. The Hangar was inaugurated by **General (Retd) Dr. V K Singh**, Hon’ble Minister of state for Civil Aviation and Road Transport, Government of India in the presence of Dr. Anand Jacob Verghese, Chancellor, Mr. Ashok Verghese, Pro Chancellor and Dr. S. N. Sridhara, Vice Chancellor, HITS. It is in addition to the existing two aircraft Hangars available at Department of Aeronautical Engineering, HITS.





EVENTS

ACTIVITIES



Success Celebration of Mission



EVENT DATE : 8 SEPTEMBER 2023
VENUE : HITS, PADUR

The success celebration of Mission **Chandrayaan-3** was conducted by Department of Aeronautical & Aerospace Engineering, Hindustan Institute of Technology and Science, Chennai on 8/09/2023. The chief guest for the event was Mr. S Mohana Kumar, Mission Director, Chandrayaan-3, VSSC, ISRO. He talked about the success story of the mission and also gave insights of the chandrayaan-3 modules. He also explained the experiments carried out by the various payloads onboard the pragyan rover. He provided a detailed account of the part played by LVM3 rocket to take Chandrayaan-3 to the orbit.



The Chancellor of HITS congratulated team ISRO on this milestone. The Mission Director interacted with student too. More than 700 Students and Faculty members participated in the event





EVENTS

ACTIVITIES



EVENT DATE : 27 JULY 2023
VENUE : HITS, PADUR



The Department of Aeronautical and Aerospace Engineering of Hindustan Institute of Technology and Science conducted WINGS '23 along with International Asteroid Day to commemorate Dr. A P J Abdul Kalam Memorial Day on 27/07/2023. On this occasion a National level technical competitions comprises of Air Crash Investigation and Astronomy Quiz were conducted for the undergraduate students. The Chief Guest **Padma Shri Dr. Prahladha Ramarao**, Former Director General, DRDO and Dr. Kalam's close associate graced the event. Dr. A Sivathanu Pillai, Founder CEO & MD, BrahMos Aerospace and Professor Emeritus (Research), HITS presided the event as Special Guest.





BEYOND THE DEPARTMENT

Students' Achievements

IEI NATIONAL CONVENTION

Mr. Manav Jain, 3rd year Aerospace participated in the 36th National Convention for Aerospace Engineers and National Seminar held in Bangalore at the Institution of Engineers on 1st and 2nd September 2023.



CONSCIENTIA '23

Mr. Rishabh Pal & Ms. Dhimahi Doshi of 3rd year Aerospace Engineering participated in RC plane model competition organized by **Conscientia '23** at the Indian Institute of Space Science and Technology, Thiruvananthapuram on the 23rd of September 2023 and secured the 2nd position bagging a cash prize of Rs. 10,000.



ELOCUTION COMPETITION

Ms. Reefa of 3rd year Aerospace Engineering won second position with a cash prize of Rs. 25,000 in Inter-college Elocution competition titled "Women Empowerment" organised by State Minority Commission of Tamil Nadu.



Mr. Sashwat Suman of 4th Aerospace Engineering received \$3000 as **2023 Denise Ponchak Digital Avionics Scholarship** from American Institute of Aeronautics & Astronautics (AIAA).



STAFF ACCOLADES

Dr. R. Asokan, Dean Aero received Best Industry collaboration award from Dr. Anand Jacob Verghese, Chancellor, HITS during Engineer's Day celebration on 15th September 2023.



Mr. G. Dinesh Kumar, A.P(S.G) received Best Teacher award from Dr. Anand Jacob Verghese, Chancellor, HITS during Engineer's Day celebration on 15th September 2023.

Dr. M. Saravanan, A.P(S.G) received Best Upskill Teacher award from Dr. Anand Jacob Verghese, Chancellor, HITS during Engineer's Day celebration on 15th September 2023.



Dr. S. Serlathan, Professor & Dr. Sathish, Associate Professor received award for grant of patent from Dr. Anand Jacob Verghese, Chancellor, HITS during Engineer's Day celebration on 15th September 2023.

Mr. G. Dinesh Kumar, A.P(S.G) received "Indian Aerospace Faculty Leader Award" from Dr. Vinod, DD, INSPACE organized by IAAA, India on 27th July 2023.



Dr. Yash Pal, Associate Professor has been selected as Associate Editor in the Journal of Aeronautics, Astronautics & Aviation on 1st August 2023.



STUDENT ZONE



Photos taken by Ayyasamy G
B.Tech Aeronautical Engg. (2nd Year)



Photos taken by Noumann
B.Tech Aerospace Engg. (2nd Year)

Alumni Achievements



Mr. K .J Harikrishnan (2021 Batch) gave invited talk about Aditya L1 Mission with other renowned dignitaries in Malai Murasu TV

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Upcoming Events

1. International Seminar on Autonomous Airborne Systems
2. DroneAthon - A National Drone Competition (Drones for All)
3. ALBEDO - National Level Technical Symposium

Editorial Team



Mr. G. Dinesh Kumar
Assistant Professor (S.G) &
Department Editorial Coordinator
Department of Aeronautical Engineering



Dr. Prem Shankar Pandey
Assistant Professor (S.G) &
Technical Editor
Department of Languages

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