



DEPARTMENT OF AERONAUTICAL ENGINEERING

Event Report (AY2025-2026)

Name of the Event : Industrial Visit to Vainu Bappu Observatory

Date & Time : 27/12/2025

Place : Vainu Bappu Observatory, Kavalur & KRP
Reservoir, Krishnagiri

No of Student Participants : AE (51) Students

Event Coordinators : Mr. Ganesh R & Mr Dharmadurai P

About the Event:

The Department of Aeronautical Engineering, ACS College of Engineering, organized an **Industrial Visit to Vainu Bappu Observatory, Kavalur**, on 27th December 2025. The visit was planned with the objective of providing students with practical exposure to astronomical research facilities, telescope systems, and observational techniques used in astrophysics.

Event Schedule :

Time	Activity
05:15 AM	Students assemble at ACS College of Engineering
05:30 AM	Departure from college
08:30 - 09:00 AM	Breakfast break (en-route)
09:30 AM	Arrival at KRP Reservoir, Krishnagiri
09:30 - 11:00 AM	Visit & briefing at KRP Reservoir, Krishnagiri
11:00 AM	Departure from Krishnagiri

Campus

207, Kambipura, Mysore Road, Bengaluru - 560 074

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12:30 – 01:15 PM	Lunch break (Vaniyambadi / Tirupattur)
01:15 PM	Resume journey
02:00 PM	Arrival at Vainu Bappu Observatory, Kavalur
02:00 – 02:30 PM	Registration & orientation session
02:30 – 04:30 PM	Observatory visit & Academic interaction
04:30 – 05:00 PM	Tea break / Assembly
05:15 PM	Departure from Kavalur
08:30 – 9:00 PM	Arrival back at Bengaluru

The journey commenced early in the morning, with students assembling at the college at 05:15 AM, followed by departure at 05:30 AM. En route, students had a breakfast break before arriving at **KRP Reservoir, Krishnagiri**, at 09:30 AM. A brief visit and technical briefing were conducted at the reservoir, where students learned about dam structure, water management systems, and the importance of reservoirs in hydro-resource planning. After the session at Krishnagiri, the team proceeded towards Kavalur. Following a lunch break at Vaniyambadi/Tirupattur, the group arrived at **Vainu Bappu Observatory** at 02:00 PM.

The observatory session began with registration and an orientation program introducing the history and significance of the observatory. Students were briefed about the functioning of optical telescopes, astronomical instruments, and observational research methods. The academic interaction session covered:

- Introduction to astronomical observations
- Working principles of large optical telescopes
- Data acquisition and analysis in astrophysics
- Role of observatories in space research
- Contributions of Indian astronomers to global astronomy

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The visit provided valuable insights into real-time research infrastructure and enhanced students' understanding of space science applications relevant to aeronautical and aerospace engineering fields.

After the observatory visit and interaction session, the group departed from Kavalur at 05:30 PM and safely returned to Bengaluru between 08:30 – 09:00 PM.

Overall, the industrial visit was highly informative and enriched students with practical knowledge beyond classroom learning. The Department expresses its gratitude to the observatory authorities and the college management for facilitating this educational visit.

Event Pictures:



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Geo-Tagging Camera

27/12/2025 04:11PM GMT+05:30

Vainu, Bappu Observatory, Javadhi Hills, Kavalur,
vaniyambadi, Tamil Nadu 635701, India

Lat 12.574753 Long 78.82026
HRFC+W4

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Google

Vaniyambadi, Tamil Nadu, India



Vainu, Bappu Observatory, Javadhi Hills, Kavalur,
Vaniyambadi, Tamil Nadu 635701, India

Lat 12.574788° Long 78.8204°

Saturday, 27/12/2025 03:35 PM GMT +05:30

Dr.G.Ramanan
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