



NEW HORIZON
COLLEGE OF ENGINEERING

New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF MECHANICAL ENGINEERING

Industrial Visit Report

Company: Jawaharlal Nehru Planetarium, Bangalore

Date of Visit: 15/04/2026

Location: Sri T. Chowdaiah Road, High Grounds, Bengaluru, Karnataka 560001

Department: Mechanical Engineering

Attendees: 4th Semester Students

Accompanied by: Prof. Gowtham Raj, Dr Nagabhushana N

Duration: 9:00 AM - 2:30 PM

1. Introduction

The industrial visit to the **Jawaharlal Nehru Planetarium** in Bangalore was organised on 15th August 2026 for fourth-semester engineering students. The objective of the visit was to provide practical exposure to astronomical concepts, instrumentation, and scientific applications beyond classroom learning.

2. Objectives of the Visit

- **Astronomical awareness:** To understand celestial phenomena and their scientific interpretations.
 - **Instrumentation exposure:** To observe the working of telescopes, projection systems, and planetarium technology.
 - **Practical learning:** To bridge theoretical knowledge with real-world applications.
 - **Scientific curiosity:** To inspire innovation and research interest in space science.
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3. Activities Conducted

- **Sky Theatre Show:** Students attended a live demonstration on the solar system, stars, and galaxies using advanced projection systems.
- **Exhibition Visit:** Interactive exhibits showcased models of satellites, rockets, and astronomical instruments.
- **Telescope Demonstration:** Students observed the working of optical telescopes and their role in astronomical studies.

- **Q&A Session:** Experts addressed queries related to astrophysics, cosmology, and engineering applications in space technology.
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4. Key Learnings

- Importance of **optical instruments** in astronomical observations.
 - Understanding of **celestial mechanics** and planetary motion.
 - Exposure to **space technology** and its interdisciplinary relevance to engineering.
 - Inspiration to pursue **research in astronomy** and related fields.
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5. Conclusion

The visit to the Jawaharlal Nehru Planetarium was highly enriching, providing students with valuable insights into astronomy and space science. It successfully connected classroom concepts with practical demonstrations, fostering curiosity and scientific temperament among engineering students.

6. Acknowledgement

We extend our gratitude to the **Planetarium authorities** for their guidance and support, and to the faculty coordinators for organising this educational visit.



Poster for the visit



Glimpse of the visit