



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

L.B.Reddy Nagar, Mylavaram – 521 230, N.T.R. District, Andhra Pradesh, India
Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi
Accredited by NBA under Tier - I, Accredited by NAAC
An ISO 21001:2018, 500001:2018, 14001:2015 Certified Institution

DEPARTMENT OF AEROSPACE ENGINEERING

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Date: 12-11-2022

A.Y: 2022-23

REPORT ON INDUSTRIAL VISIT

Event Type : Industrial visit to Satish Dhawan Space Centre (SDSC)-SHAR
Date / Duration : 11-11-2022
Place of visit : Satish Dhawan Space Centre SHAR (SDSC SHAR), Srihari Kota
Name of Coordinator :
Faculty In-charges : 1. Dr. P. Lovaraju Professor & HOD,
Department Tours Coordinators
2. Mr. Nazumuddin Shaik Sr. Assistant Professor
3. Mr. G.V.Surya Narayana Assistant Professor
4. Mr. D. Setha rami Reddy Lab helper
5. Mr. Y. Suresh Babu Attender
Student coordinators :
Target Audience : B. Tech V-SEM & VII Sem Students (2019 & 2020 Admitted Batch)
No. of students Participated : 46 (VII Sem) + 45 (V Sem) = 91 No's

Objective of the event:

- ❖ To gain hands-on experience of how industry operations are executed.
- ❖ To better identify their prospective areas of work in the overall organizational function.
- ❖ To enhance interpersonal skills and communication techniques.

The outcome of the Event:

Student learning outcomes of the visits and talks include the ability to

- i. Demonstrate the applications of engineering concepts and principles learned in the classroom.
- ii. Illustrate processes and products manufactured in the industries.

- iii. Develop awareness of the engineering and technological aspects in the industries.
- iv. Improve interpersonal skills by communicating directly with industrial personnel.
- v. Aware of the impacts of industrial processes on health, safety, environment, and society and the roles and ethics of engineers in related industries.

Description / Report on Event:

The aim of the industrial visit is to provide exposure to students to the practical working environment. They also provide students with an excellent opportunity to gain full awareness of industrial practices. As a part of the curriculum and request from the Class Review Committee the Students of B.Tech V-Semester and VII-Semester planned to have a one-day industrial visit on 11-11-2022 to Satish Dhawan Space Center, SHAR, Sriharikota accompanied by the department faculty coordinators Dr. P. Lovaraju Professor & HOD, Department Tours Coordinators Mr. Nazumuddin Shaik, Mr. G.V.Surya Narayana, Mr. D. Setha Rami Reddy, and Mr. Y. Suresh Babu traveled to SDSC SHAR by transportation arranged by the Student coordinators.

The journey commenced at around 6:00 PM on 10-11-2022 (Thursday) from College Campus and reached SDSC SHAR at around 9:15 AM on 11-11-2022 (Friday). After several security checks and administrative formalities, Students were taken to a central building. In this place, they were shown a video – ‘Gateway to Space’ – on the ISRO, its history, and the current facilities available.

The visit Organization includes the locations:

- ❖ **Seminar Hall- “Gateway to Space Video”**
- ❖ **Mission Control Centre**
- ❖ **SHAR ground station**
- ❖ **Launch Pad II**
- ❖ **Launch Pad I**
- ❖ **Space museum**

Feedback/Suggestions:

The industrial visit to SDSC SHAR was highly informative and well-received by the students. They appreciated the opportunity to witness the functioning of India's premier space research centre. The exposure to key facilities like the Mission Control Centre, Launch Pads, and Space Museum significantly enhanced their understanding of space technology and launch operations.

However, some students suggested increasing the frequency of such visits and recommended prior orientation sessions to better prepare them for technical discussions during the visit. Additionally, logistical arrangements such as travel comfort and accommodation during long journeys were highlighted as areas for improvement.

Action Plan:

1. Plan at least one industrial visit per semester, particularly to core aerospace and defence establishments.
2. Organize preparatory sessions to brief students on the objectives, technical background, and expected learning outcomes of the visit.
3. Improve transportation comfort for long-distance visits by exploring alternate travel options or early departures.

Photographs:

At Starting Point of the College



B.Tech- VII Sem Students at Space Museum-ISRO



B.Tech- V Sem Students at Space Museum-ISRO



B.Tech- V Sem Students at Entrance-ISRO



Faculty



Entrance SDSC SHAR

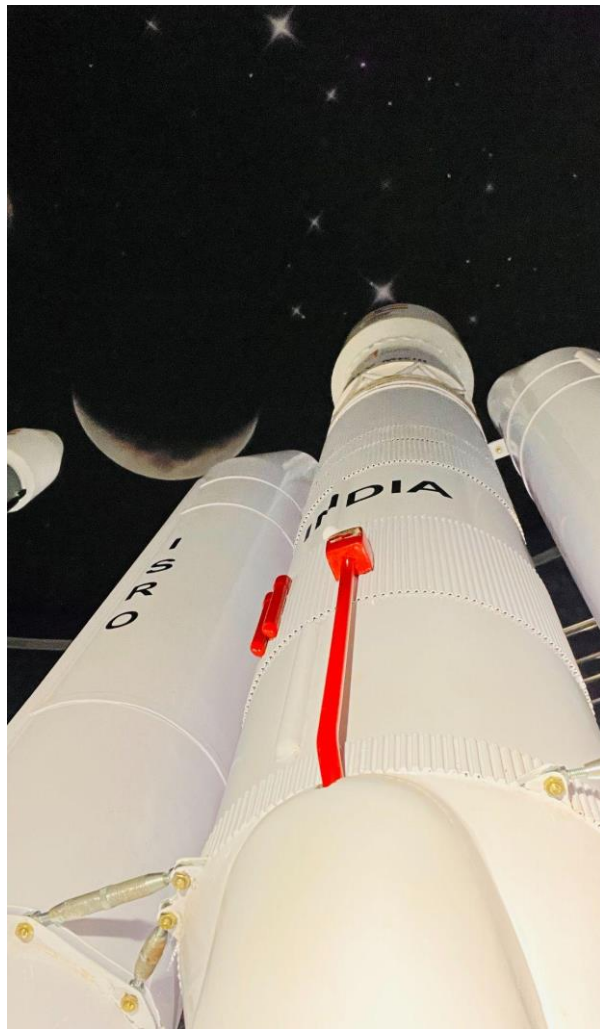


Photo By Student