

**REPORT**  
*on*  
**INDUSTRIAL VISIT**  
*to*  
**“GEOLOGICAL SURVEY OF INDIA”**  
**(GSI)**

Date: 12<sup>th</sup> August, 2024

❖ **PROGRAM PARTICULARS :**

<i>Duration</i>	<i>Workshop Theme</i>	<i>Organized by</i>	<i>Conducted for</i>
12 <sup>th</sup> August, 2024 (Monday)	“ SPACE TECHNOLOGY APPLICATIONS ”	Dept. of ECE NNRESGI, Hyderabad	B.Tech-III & IV year (40 students)



**NALLA NARASIMHA REDDY**  
Education Society's Group of Institutions - Integrated Campus  
(Approved by AICTE & PCI, New Delhi & Affiliated to JNTUH, Accredited by NAAC with A+ Grade)  
Chowdariguda (V), Korremula 'X' Roads, Ghatkesar (M), Medchal-Malkajgiri Dist., Hyderabad, T.S. - 500 088.  
**(UGC AUTONOMOUS INSTITUTION)**




**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
*in association with IIC, IIC & IETE- Students Forum*  
*Organizes*

**INDUSTRIAL VISIT**  
*to*  
**GEOLOGICAL SURVEY OF INDIA (GSI)**  
**“Space Technology Applications”**








**Bandlaguda, Hyderabad**

**12<sup>TH</sup> AUGUST, 2024**



### ❖ PROGRAM's MOTIVE & PURPOSE:

The Department of Electronics & Communication (ECE) Engineering in association with various cells such as Institute Innovation Cell (IIC), Industry Institute Interaction Cell (IIIC) and Institute of Electrical & Electronic Engineers (IETE) Student Forum (ISF) of Nalla Narasimha Reddy Education Society's Group of Institution, Hyderabad had organized an 'Industrial Visit' to 'GEOLOGICAL SURVEY OF INDIA (GSI)', Bandlaguda, Hyderabad following an invitation from them on the workshop titled "SPACE TECHNOLOGY APPLICATIONS" for the commemoration of maiden 'National Space Day' in view of successful Chandrayaan-3 mission for the B.Tech.(ECE) students on 12<sup>th</sup> August, 2024 (Monday).

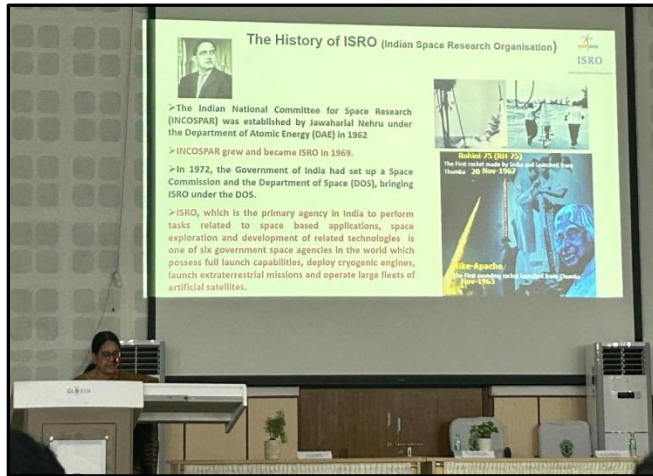
This program was organized for the students of prefinal year & final year for getting help and motivation to their learning in the concerned technological field. The main purpose intention was to motivate to create the awareness and understanding of what technology the space agency and programs are using and developing for the launch of missiles & satellites.

The program was inaugurated by Chief Guest **Dr.P.V.Radha Devi** who serves as *Director* for ADRIN at Department of Space, Hyderabad at 10am, followed by message from all the dignitaries on the dias starting from chief guest then followed by speeches from **Dr. Ishwar Das**, *Scientist/Engineer G*, Group Director, NRSC, Hyderabad, **Dr. T.M.Balakrishnan**, *Scientist-G*, INCOIS, Hyderabad, **Dr. P.Senthil Kumar**, *Principal Scientist*, NGRI, Hyderabad, and **Dr.Nisha Rani**, *Director*, PGRS, GSITI, Hyderabad

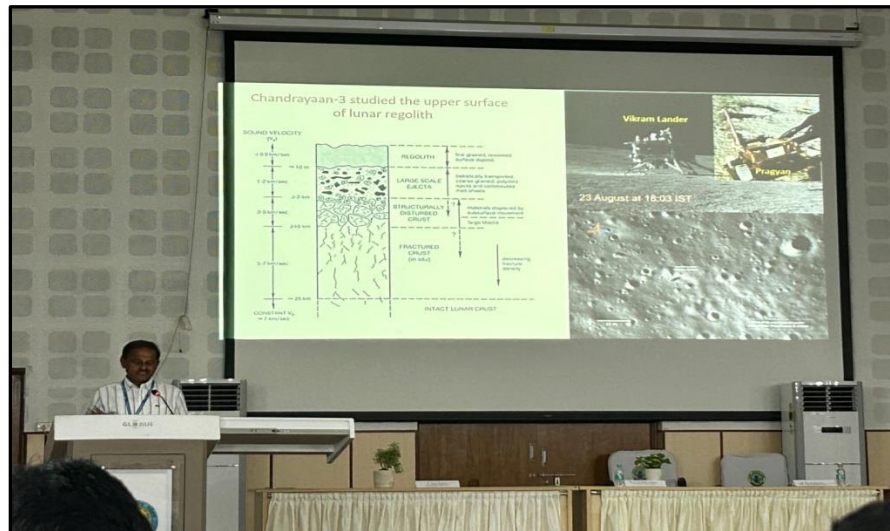
The following section gives the list of resource persons who delivered their valuable talks on the space technology and applications.

S. No	Technical Session by Invited Guest Speakers
1	Presentation on "Evolution of Indian Space Program and Space Applications" by Dr. P. V. Radha Devi, Director, ADRIN, Department of Space, Hyderabad.
2	Presentation on "Application of Space Technology in Geosciences" by Dr. Iswar Chandra Das, Scientist / Engineer G, Group Director, Geosciences Group, Remote Sensing Application Area (RSAA), NRSC, ISRO, Hyderabad.
3	Presentation on "Space Technology in Ocean" by Dr. T. M Balakrishnan, Scientist-G & Group Director, INCOIS, Ministry of Earth Sciences, Govt. of India, Hyderabad.
4	Presentation on "Geological Setting of Chandrayaan-3 Landing Site" by Dr. Senthil Kumar P, Principal Scientist, NGRI, Hyderabad.
5	Presentation on "GSI's Training Endeavour for the Utilization of Space Technology" by Dr. Nisha Rani, Director, PGRS Division, GSITI, Hyderabad.

The program had talks from various space applications that included their findings and contributions to the society and mankind. The few glimpses of the program are highlighted below



Chief Guest delivering her talk on ISRO achievements



Resource Person speaking on Chandrayaan-3 mission success

The workshop comprising of eminent speakers made good audience listening as it covered the various basics and aspects of application of space technology, used and to be used in the coming days for the launch of missiles and satellites for the benefit of exploring the solar system & universe with its elements.

The advantages of having good basic school education in terms of technology oriented and technology driven subjects and trends for the development of one's self and society progress was also stretched as the need of the hour.





*Group photo with delegates of the program*

The program ended with vote of thanks by organizing committee of GSI Team, Hyderabad for 300 plus capacity listeners so panning from various backgrounds like school children, college students, institute persons and several other domains.

**PROGRAM's OUTCOME:**

The overall outcome of the program was good, as many participants expressed their gratitude by sharing their valuable feedback towards the content and organizing of workshop. The management of NNRESGI thanked GSI, Hyderabad for inviting to & organizing of workshop. The students benefited from the program and shared their experience. Such programs were necessary for making students exposure better.



*Faculty & Students with chief guest and dignitaries*

**expoSURE is the key to experiEnCE !!**

*Incharge*

Koustubh Kulkarni  
Assistant Professor

*Head, ECE*

Dr. B. Ravi  
Assistant Professor  
**HEAD OF THE DEPARTMENT**  
Electronics & Communication Engineering  
Nalla Narasimha Reddy Education Society's  
Group of Institutions-Integrated Campus  
Chowdurguda (V), Korramu's 'X' Road, Ghatkesar (M.  
Medchal-Malkajgiri (Dist.) Telangana. 500088.