



# NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NAAC with 'A' Grade, Accredited by NBA

## Department of Information Science and Engineering

### Report on Industrial Visit at ISRO - U R Rao Satellite Centre, Bengaluru

The Department of Information Science and Engineering students had been to **ISRO - U R Rao Satellite Centre, Bengaluru** on 24-April-2024 as a part of Industrial visit to explore and experience the real work in multidisciplinary field and interacted with scientists to understand the work carried out in their Organization. Totally 60 students visited along with Dr. Arvind S. Kapse, Professor and Ms. Priya, Assistant Professor, ISE, NHCE, Bengaluru.



**NEW HORIZON  
COLLEGE OF ENGINEERING**

**Department of Information Science and Engineering**

**Industrial Visit  
to**

**ISRO - U R Rao Satellite Centre,  
Bengaluru**

Batch - 6<sup>th</sup> Sem ISE



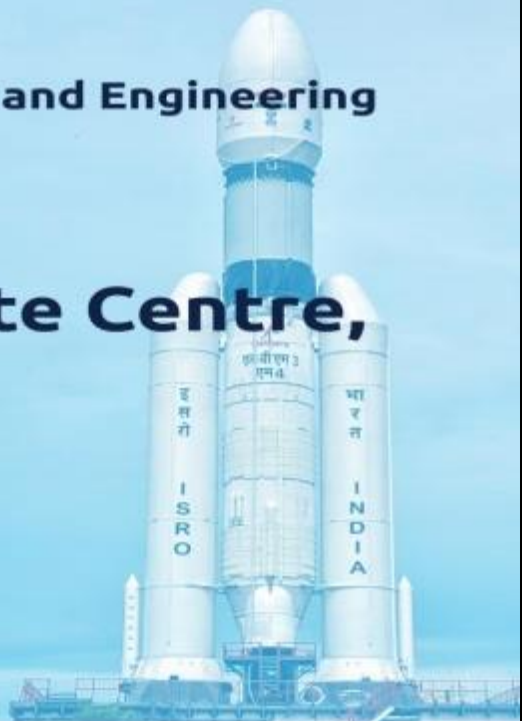
24 April 2024



10 AM to 1 PM



XM53+RQ5, HAL Old Airport Rd, PO,  
Vimanapura, Bengaluru, Karnataka 560017



Coordinator:  
Dr. Arvind S Kapse  
Professor, ISE

Convener:  
Dr. Vandana C P  
HOD, ISE



We started Our Journey towards **ISRO - U R Rao Satellite Centre** Bengaluru at 09:30 am and reached there around 10:30 am on 24-April-2024. The **ISRO - U R Rao Satellite Centre** is located in XM53+RQ5, HAL Old Airport Rd, PO, Vimanapura, Bengaluru, Karnataka 560017





The Indian Space Programme as enunciated by its founding father Dr. Vikram Sarabhai is application driven. "Benefit to common man and society is the fundamental tenet around which the Indian Space Programme revolves today".

During the 70's and the 80's U R Rao Satellite Centre (URSC), the lead centre of ISRO was engaged in mastering the basic technologies and skills required for the specialized task of satellite building. Since the early 90's a host of contemporary and advanced communication, meteorological, remote sensing, navigation and space science were built and launched. The communication, meteorological, remote sensing and navigation satellites launched by URSC have continued to serve the key sectors of the Indian economy like communication, agriculture, water resources, urban planning, Land use, Fisheries, Oceanography, Weather forecasting, Disaster management, Search, Rescue and Navigation. The Space science missions like Chandrayaan-1, Mars Orbiter Mission and Astrosat have received World Wide acclaim and have placed India in the global map while at the same time inspiring the Gen next.



More than 100 state-of-the-art satellites have been built over four decades by URSC , the abode of Indian satellites, stand testimony to the technical excellence the centre has scaled. With about 2500 highly trained and skilled manpower, URSC today is home to a host of advanced, cutting edge satellite technologies that feeds into the Indian Space Program . The centre also houses ultra modern design, development, fabrication and testing facilities for satellites.






The industrial visit started with a brief introduction to **ISRO - U R Rao Satellite Centre**, its history, and its contributions to research. The participants were then divided into smaller groups and assigned guides who accompanied them throughout the visit.

Our industrial visit to **ISRO - U R Rao Satellite Centre** was successful in inspiring students towards Space science and technology.

  
**Dr. Arvind S. Kapse**  
 Professor, ISE

**Industrial Visit Coordinator**

  
 Head of the Department  
 Information Sciences and Engineering  
 NEW HORIZON COLLEGE OF ENGINEERING  
 Bengaluru - 560103

