



**RAMAIAH**  
College of Arts, Science  
& Commerce



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of Education Initiative)



# **Department**

# **Master of Computer Applications**

## **Organise**

**INDUSTRIAL VISIT TO ISRO**

**UR Rao Satellite Centre, Bangalore**



**Date: 14<sup>th</sup> to 16<sup>th</sup> July 2025**



**Time: 9.30 AM to 5PM**

**Lt Lakshitha H S Murthy**  
Coordinator

**Dr Prathiba V Kalburgi**  
HOD

**Dr Pushpa H**  
Principal



M S Ramalah College of Arts, Science and Commerce

The following table lists the number of times each letter appears in the word "MATHS".  
 Letter: M, A, T, H, S  
 Frequency: 1, 1, 1, 1, 1  
 Total: 5

13.07.2025

Dear Sir,

This is to formally confirm the industry visit to U R Rao Satellite Centre (ISRO) scheduled for 09.07.2025 at 11:00 AM for our MCA students. This visit has been discussed and confirmed via email with our faculty coordinator Prof. Sathyan G S on 12.06.2025.

**We are hopeful that the visit will include:**

- We sincerely thank you for your support in fostering industry-academic interaction.**

**Best Regards,**

Dr. Pushpa H 13/6/2025

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Ref: WJH/AC/2023/001

Date: 18/04/2023

## CIRCULAR

### DEPARTMENT OF MCA

The Department of MCA has organized an initiative with the ERM Bangalore Centre (ERM) scheduled for 24/07/2023 at ERM Hall for all MCA students. The objective of this visit is to provide students with valuable exposure to the operations and innovations at ERM, enabling them to bridge the gap between academic learning and real-world applications. A group of 30 MCA students, accompanied by faculty members will be participating in this visit.



Head of Department

Department of Computer Applications  
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Principal

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## Report on Industrial Visit- ISRO

**Organized for:** MCA Students

**Program Date:** 9 July, 2025

**Coordinator:** Lt. Lakshitha H S Murthy, Assistant Professor

**No of Students:** 49

### Introduction


The Indian Space Research Organisation (ISRO) is the national space agency of India. It was established on 15 August 1969 with the aim of advancing space technology and using it for national development. ISRO has gained worldwide recognition for its cost-effective and successful space missions, including lunar, martian, and solar explorations.


### Main Objectives

- **Inspiration:** To motivate students towards careers in science, technology, engineering, and space research
- **Understanding ISRO's Role:** To gain insight into ISRO's contributions to national development and global space exploration.
- **Educational Exposure:** To learn about India's space missions and satellite technology.

During our recent visit to ISRO, we attended an engaging lecture on satellites, their components, and ISRO's plans. The interactive session was led by a knowledgeable speaker who explained satellite technology, including communication, navigation, Earth observation, and scientific satellites. We learned about satellite components like payloads, buses, solar panels, and propulsion systems.

The lecture covered ISRO's ambitious plans, including the GSAT-20 satellite for broadband connectivity and future missions like Chandrayaan-4 and Shukrayaan-1. A highlight was the models tour, where we saw satellite models and launch vehicles like the GSLV-MkIII. The session provided a comprehensive overview of ISRO's capabilities and achievements in space exploration, inspiring us to learn more about space technology.

  
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## Major Missions

India's space journey began with Aryabhata in 1975, followed by SLV-3 placing Rohini in orbit in 1980. Chandrayaan-1 (2008) found water on the Moon, and Mangalyaan (2013) reached Mars on its first attempt. Chandrayaan-2 (2019) had a successful orbiter, while Chandrayaan-3 (2023) achieved a historic landing on the Moon's south pole. Aditya-L1 (2023) was India's first solar mission, and XPoSat (2024) its first X-ray polarimetry satellite. The upcoming Gaganyaan mission will be India's first human spaceflight.

## Conclusion

The industrial visit to ISRO was a highly enriching experience for us as MCA students. It provided valuable insights into real-time applications of technology in space research and satellite communication. The exposure to advanced systems and India's achievements in space science was both inspiring and informative. Overall, the visit broadened our understanding of how theoretical knowledge is applied in cutting-edge industries.



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


**M S Ramaiah College of Arts, Science and Commerce**

**Department of MCA  
Industrial Visit - July 9th 2025**

**Students Attendance**

Sl. No	Name	Signature
1	P18MB24S126001 Chandana C S	Chandana C.S.
2	P18MB24S126003 Aishwarya H S	Aishwarya H.S.
3	P18MB24S126004 Annapurna J	Annapurna J.
4	P18MB24S126005 SHREERAKSHA	Shreeraksha
5	P18MB24S126006 Chandana R	Chandana R.
6	P18MB24S126007 Pramod M J	Pramod M.J.
7	P18MB24S126008 Vinay Narasimha Sangam	V.N. Sangam
8	P18MB24S126009 Prashanth E	Prashanth E.
9	P18MB24S126010 Tarun R	Tarun R.
10	P18MB24S126011 Raghavendran A	Raghavendran A.
11	P18MB24S126013 Dhanush Gowda N	Dhanush Gowda N.
12	P18MB24S126014 Rachana R	Rachana R.
13	P18MB24S126015 Lavender Nithisha M	Lavender Nithisha M.
14	P18MB24S126016 Varsha S	Varsha S.
15	P18MB24S126017 Shreyash Bhardwaj	Shreyash Bhardwaj
16	P18MB24S126019 Pavana D Y	Pavana D Y.
17	P18MB24S126020 Chandana G	Chandana G.
18	P18MB24S126021 Poojitha Shetty J	Poojitha Shetty J.
19	P18MB24S126024 Bhagavathi Sharma L S	Bhagavathi Sharma L S.
20	P18MB24S126025 Sanjana H Kurtakoti	Sanjana H Kurtakoti
21	P18MB24S126026 Chandan S	Chandan S.
22	P18MB24S126027 Abdul Rahman	Abdul Rahman
23	P18MB24S126028 Sayid Ahemmed Mazin Maqbool	Sayid Ahemmed Mazin Maqbool
24	P18MB24S126029 Goutham Shanubhogar	Goutham Shanubhogar
25	P18MB24S126031 Gavimani R	Gavimani R.
26	P18MB24S126032 AKASH DUTTA	Akash Dutta
27	P18MB24S126034 Spoorthi Gopalakrishna	Spoorthi Gopalakrishna
28	P18MB24S126035 Mahesh Singh Garia	Mahesh Singh Garia

  
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