

Department of Master of Computer Applications

Industrial Visit



23rd May 2025



09:00 AM to 02:30 PM



2nd Semester Students



ISRO, Bangalore



Faculty Coordinator

Ms. Sathya J

Senior Assistant Prof. - MCA

Convenor

Dr. V. Asha

Prof. and HoD - MCA



Department of MCA

REPORT ON INDUSTRIAL VISIT TO ISRO

Date: 23rd May 2025

Time: 09.00 am to 02.30 pm

Class: II SEM

No of students: 65

Objective:

- To inform students about job and internship opportunities at ISRO.
- To help students explore research opportunities at ISRO.
- To raise awareness about space technology and its applications.
- To broaden students' knowledge of advanced technologies.
- To offer insights into the internal operations of an organization.

About Industrial Visit:

On 23rd May 2025, An Industrial Visit to ISRO was organized by the department of MCA to enhance student's knowledge on advance technology and applications. It was a half day visit by around 65 students along with 2 faculty members.

ISRO U R Rao Satellite Centre (URSC) is the premier center of ISRO responsible for the design, development, assembly, and integration of communication, navigation, remote sensing, and other satellite missions. ISRO remains dedicated to inspiring and educating students by promoting awareness of space technology and its wide-ranging applications.

To benefit students, a space exhibition center is set up at URSC. During their visit, students had the opportunity to explore the exhibition, which features models of notable satellites such as ARYABHATA, APPLE, and the INSAT series. Among the two primary types of satellites—remote sensing and communication—IRS-1A holds the distinction of being ISRO's first remote sensing mission.

Various satellite models were on display, ranging from the early APPLE satellite to more advanced satellites equipped with solar panels, solar sails, and small thrusters used for position adjustment in space.

Students were informed about the purpose of the gold-colored coating on satellites, which helps manage extreme temperatures in space. They also learned about the use of aluminum honeycomb structures in satellite body components for their strength and lightweight properties. Additionally, students were shown a “clean room” where satellite assembly takes place under controlled conditions.

The satellite assembly process was demonstrated through a video presentation. At the time of the visit, scientists were actively working on the CHANDRAYAAN-3 mission. A detailed video showcasing the objectives and progress of this lunar mission was presented, including a working model demonstration. Students also viewed satellite images captured from various angles across different countries, including India. The session further included explanations of the electronic components used in satellites. Additionally, students had the unique opportunity to discover their weight on different celestial bodies such as Mars, the Moon, and Earth.

In the final session, the mentor addressed several questions raised by students regarding satellite launches. Students also gained insights into how television signals are transmitted via satellites. Additionally, the mentor explained the recruitment process and career opportunities available at ISRO.

Outcome:

- Students gained knowledge about the various electronic components used in satellites.
- They were introduced to ISRO's upcoming projects and missions.
- The experience highlighted the importance of staying informed about the latest advancements in technology.
- They developed an understanding of different types of satellites and their applications across multiple fields.
- They learned about potential career paths and research opportunities available at ISRO.



Feedback Form

24/05/2025, 12:57

Feedback - ISRO

Feedback - ISRO

** Indicates required question*

1. Email *

2. Name *

3. USN *

4. Section *

 Dropdown

Mark only one oval.

☐ A

☐ B

☐ C

5. How satisfied were you with the overall experience of the industrial visit to ISRO? *

1 2 3 4 5

★ ★ ★ ★ ★

6. Were the technical sessions relevant to your interests *

| | | | | |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| ☆ | ☆ | ☆ | ☆ | ☆ |

7. How was the overall coordination and organization of the visit? *

| | | | | |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| ☆ | ☆ | ☆ | ☆ | ☆ |

8. Any other comments or suggestions?

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Google Forms

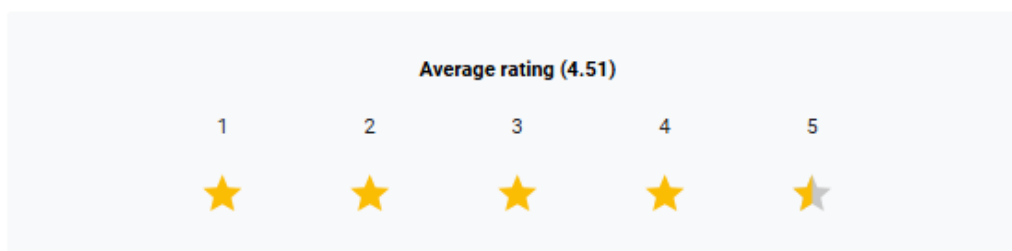
| Timestamp | Email Address | Name | How satisfied were you with the overall experience of the industrial visit to ISRO? | Were the technical sessions relevant to your interests | How was the overall coordination and organization of the visit? | Any other Comments? |
|--------------------|--------------------------------|------------------------|---|--|---|---|
| 5/23/2025 16:30:49 | poorvir171007@gmail.com | Poorvi R | 5 | 5 | 5 | Thanks for this opportunity |
| 5/23/2025 16:30:51 | amulya302003@gmail.com | Amulya M N | 5 | 5 | 5 | Visiting ISRO was a great opportunity to know more about satellite launches by India. |
| 5/23/2025 16:31:03 | sandhya16072003@gmail.com | Anugunti Sandhya | 5 | 5 | 5 | It was good experience . |
| 5/23/2025 16:31:30 | ddey4903@gmail.com | Disha Dey | 4 | 4 | 4 | I need more industrial visit like that. |
| 5/23/2025 16:31:33 | deekshithara12@gmail.com | Deekshitha R A | 4 | 4 | 4 | It was very proud moment visiting ISRO. |
| 5/23/2025 16:31:36 | arpibxr29@gmail.com | Arpita Kumari | 4 | 4 | 4 | It is nice experience |
| 5/23/2025 16:31:58 | brindureddy02@gmail.com | Brindu Reddy C | 5 | 5 | 5 | Totally very good to know about our people reach the space through good technologies |
| 5/23/2025 16:32:14 | nidhishmishra9@gmail.com | Nidhish Mishra | 4 | 5 | 5 | The visit provided a remarkable insight into India's space technology and satellite systems. |
| 5/23/2025 16:34:03 | ndeora244@gmail.com | Narendra Singh Deora | 4 | 4 | 5 | The exhibition showcased the evolution of Indian satellites in an engaging way. |
| 5/23/2025 16:35:03 | nikhithasrinath09@gmail.com | Nikhitha GS | 5 | 5 | 5 | Learning about job and research opportunities at ISRO was extremely helpful for future planning. |
| 5/23/2025 16:36:01 | naruramanareddy3@gmail.com | Naru Ramana Reddy | 5 | 5 | 5 | The video presentations were well-structured and effectively explained complex concepts. |
| 5/23/2025 16:36:10 | harshaygadekar05@gmail.com | Harsha Y | 5 | 5 | 5 | Overall, the visit sparked a strong interest in space research and technology among students. |
| 5/23/2025 16:37:23 | dishanthpatel242@gmail.com | Dishanth patel | 5 | 5 | 5 | Understanding the use of technology in real-time applications like TV broadcasting was enlightening |
| 5/23/2025 16:38:29 | amruthk247@gmail.com | AMRUTHKUMAR TJ | 5 | 5 | 5 | Overall experience is very good |
| 5/23/2025 16:39:57 | klavanya855@gmail.com | Lavanya K L | 5 | 5 | 5 | Thanks to provide this opportunity |
| 5/23/2025 16:40:35 | karishmaga73@gmail.com | Karishma G A | 5 | 5 | 5 | Learning how satellites enable TV broadcasting was enlightening. |
| 5/23/2025 16:41:25 | chethan874805@gmail.com | Chethan DT | 5 | 5 | 5 | Useful and Impressive |
| 5/23/2025 16:41:34 | harshithakoilakuntla@gmail.com | Koyalakuntla Harshitha | 5 | 5 | 5 | It was a nice experience |
| 5/23/2025 16:41:39 | bhanupriyak77@gmail.com | BHANUPRIYA | 4 | 4 | 4 | Understood the evolution of AI in space |

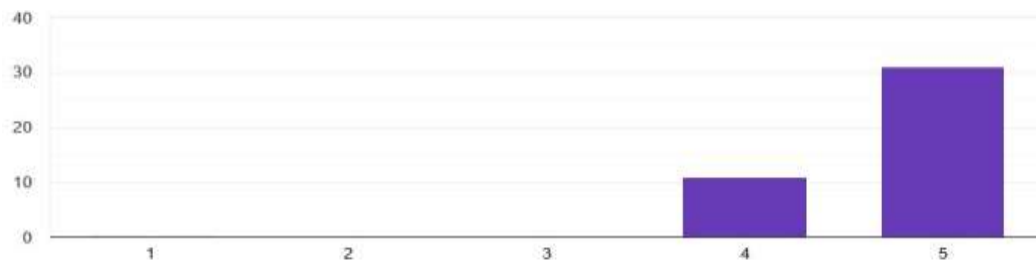
| | | | | | | |
|-----------------------|------------------------------|-------------------------|---|---|---|---|
| 5/23/2025 16:41:39 | bhavyagowdam7@gmail.com | Bhavya M | 4 | 4 | 5 | Video presentation is very impressive |
| 5/23/2025 16:43:05 | palakarthikym@gmail.com | Karthik ym | 5 | 5 | 5 | ISRO's career and research info was useful for our future. |
| 5/23/2025 16:43:26 | dakshayinigond067@gmail.com | Dakshayini Mangala Gond | 5 | 5 | 5 | The visit encourages us to get job into ISRO |
| 5/23/2025 16:43:51 | singhkarishma980@gmail.com | Karishma | 5 | 5 | 5 | Useful and Impressive |
| 5/23/2025 16:45:51 | mitheshp1@gmail.com | Mithesh Kulal | 3 | 4 | 5 | Visit motivates to search the space related jobs |
| 5/23/2025 16:46:35 | patilbhagavati5414@gmail.com | Bhagavati | 5 | 4 | 4 | Overall it is a good experience |
| 5/23/2025 16:46:46 | madhu0582223@gmail.com | Madhu kumar .K | 4 | 4 | 4 | It was exciting to see real satellite components up close. |
| 5/23/2025 16:46:52 | akshayamv2003@gmail.com | AKSHAYA MV | 5 | 5 | 4 | The visit offered great insight into India's space tech and satellites. |
| 5/23/2025 16:47:08 | nigaleranjita@gmail.com | Ranjita Shriram Nigale | 5 | 4 | 5 | Seeing actual mission data and images was fascinating. |
| 5/23/2025 16:47:16 | achyutkulkarni002@gmail.com | Achyut | 4 | 4 | 4 | The clean room tour showed how satellites are assembled. |
| 5/23/2025 16:47:23 | nakshitatandel175@gmail.com | Nakshita N Tandel | 5 | 5 | 5 | We got to explore how different sensors and instruments work in space. |
| 5/23/2025 16:47:45 | puneeth.09.2002@gmail.com | Puneeth Kumar | 5 | 5 | 5 | ISRO's career and research info was useful for our future. |
| 5/23/2025 16:48:29 | rawatakarsh52@gmail.com | Akarsh Rawat | 4 | 4 | 4 | It was a unique and memorable learning experience for all of us. |
| 5/23/2025 16:49:37 | abhi8310221462@gmail.com | M prajwal | 5 | 5 | 5 | The visit boosted our interest in space science and technology. |
| 5/23/2025 16:49:53 | jkmanu24@gmail.com | Manoj kumar | 5 | 5 | 5 | Seeing satellite models helped us understand space applications. |
| 5/23/2025 16:56:11 | beautymanna03@gmail.com | Beauty Manna | 5 | 5 | 5 | It was a nice experience |
| 5/23/2025 16:57:08 | adityakamate1@gmail.com | Aditya Tatyaso Kamate | 4 | 4 | 4 | The experience highlighted the importance of innovation and research. |
| 5/23/2025 16:59:15 | pms.seno@gmail.com | Bharavi Shukla | 5 | 5 | 5 | Very helpful to understand about the technologies used in space |
| 5/23/2025 17:07:44 | keerthanagr2004@gmail.com | Keerthana G R | 5 | 5 | 5 | ISRO's career and research info was useful for our future. |
| 5/23/2025 17:07:52 | nischithakn1982@gmail.com | Nischitha K N | 5 | 5 | 5 | Video presentation is very impressive |
| 5/23/2025 17:21:13 | madhushreegr2003@gmail.com | Madhushree G R | 5 | 5 | 5 | Learning about ISRO's job and research opportunities was helpful. |
| 5/23/2025 17:27:25 | kavyagm253@gmail.com | Kavya G M | 4 | 4 | 4 | Campus is very clean |
| 5/23/2025 17:43:04 | lekhanag561@gmail.com | Lekhana G | 5 | 5 | 5 | Good learning experience |

| | | | | | | |
|-----------------------|-------------------------------|----------------------------|---|---|---|--|
| 5/23/2025 17:43:31 | nikithapatti6@gmail.com | Nikitha P | 5 | 5 | 5 | The exhibition showed how Indian satellites have evolved. |
| 5/23/2025 18:13:47 | karnalkarakash@gmail.com | Akash | 5 | 5 | 5 | The visit gave us a deeper appreciation for ISRO's contributions to society. |
| 5/23/2025 18:15:25 | avinashkamble1543@gmail.com | Avinash Manik Kamble | 5 | 5 | 5 | It was exciting to see real satellite components up close. |
| 5/23/2025 18:27:53 | monica.bnhce@gmail.com | MONICA B | 5 | 5 | 5 | Good learning experience |
| 5/23/2025 18:46:40 | rohinibabu0405@gmail.com | Rohini Babu T B | 4 | 4 | 4 | Video presentation is very impressive |
| 5/23/2025 23:05:55 | preethampreetham520@gmail.com | Preetham KM | 5 | 5 | 5 | Seeing satellite models helped us understand space applications. |
| 5/23/2025 20:36:56 | manoj.04leelakar@gmail.com | Manoj G L | 5 | 5 | 5 | Very impressive |
| 5/23/2025 20:38:01 | kyashwanth193@gmail.com | M N Yashwanth Kumar | 5 | 5 | 5 | Thanks for this opportunity |
| 5/23/2025 21:21:02 | ashishraaz335@gmail.com | Ashish Kumar | 5 | 5 | 5 | Good learning experience |
| 5/23/2025 21:21:33 | kumaradityastm1@gmail.com | Aditya Kumar | 4 | 4 | 4 | The visit offered great insight into India's space tech and satellites. |
| 5/23/2025 22:15:48 | mahabalkhanannavar@gmail.com | MAHABAL SANJAY KHANANNAVAR | 5 | 5 | 5 | Good learning experience |
| 5/24/2425 8:44:03 | ravi04shankar02@gmail.com | Ravishankar | 5 | 5 | 5 | It was a nice experience |
| 5/24/2425 9:52:11 | vineelakokkilagadda@gmail.com | K.vineela | 5 | 5 | 5 | The exhibition showed how Indian satellites have evolved. |
| 5/24/2425 13:45:49 | aksinghsince2002@gmail.com | Aman kumar r | 5 | 5 | 5 | ISRO's career and research info was useful for our future. |
| 5/24/2425 14:10:21 | nk77700127@gmail.com | Nanda Kishore BM | 5 | 4 | 4 | Learning how satellites support TV broadcasts was eye-opening. |
| 5/24/2425 14:10:26 | maddy821729@gmail.com | Madhu gn | 5 | 5 | 5 | It was a good experience |
| 5/24/2425 14:15:59 | artnagu44@gmail.com | Nagaraj A | 5 | 5 | 5 | It was exciting to see real satellite components up close. |
| 5/24/2425 15:02:09 | rajumanogna1616@gmail.com | R Manogna | 5 | 4 | 4 | Seeing satellite models helped us understand space applications. |

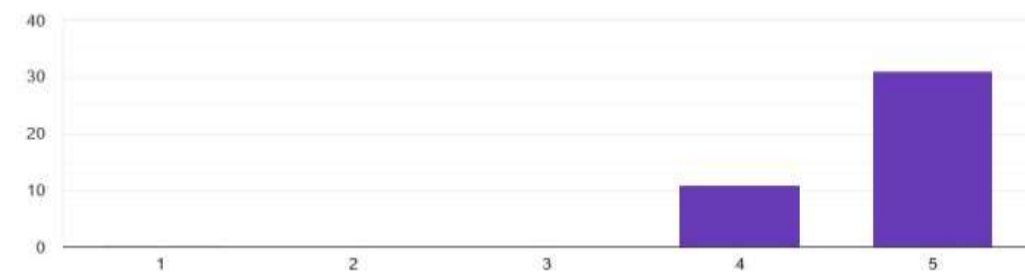
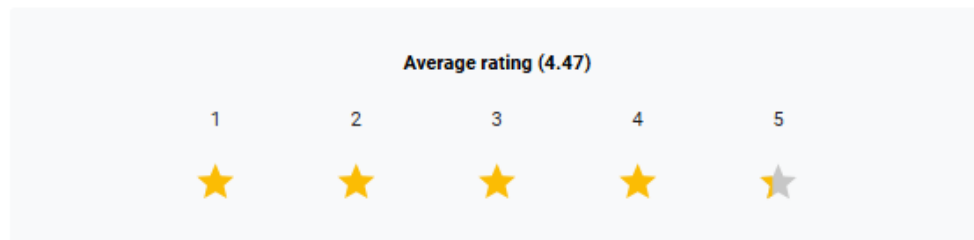
Feedback Analysis

How satisfied were you with the overall experience of the industrial visit to ISRO?

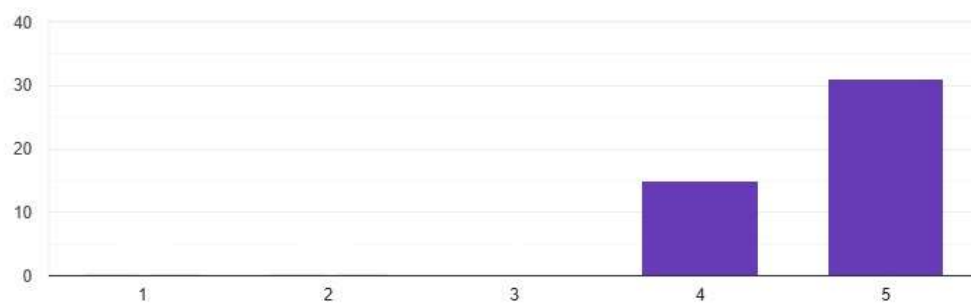
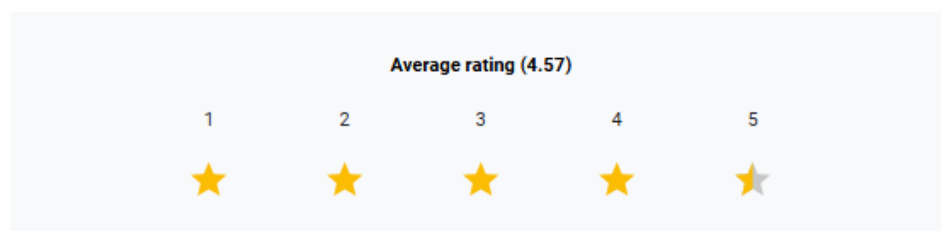




Were the technical sessions relevant to your interests









































How was the overall coordination and organization of the visit?



Attendance

NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF MCA
INDUSTRIAL VISIT TO ISRO
STUDENTS NAMELIST, II MCA - Batch 2024

DATE: 23/05/2025

| Sl.No | USN | Name | Section | Aadhar Number | Contact Number | Signature |
|-------|------------|-------------------------|---------|----------------|----------------|---|
| 1 | INH24MC004 | Achvut | A | 250777755135 | 8618015766 |  |
| 2 | INH24MC006 | Aditya Kumar | A | 675782067973 | 9905578474 |  |
| 3 | INH24MC008 | Aditya Tatvaso Kamate | A | 263405771763 | 9901522037 |  |
| 4 | INH24MC011 | Akash | A | 758047841091 | 7892317354 |  |
| 5 | INH24MC013 | AKSHAYA MV | A | 471594217167 | 6361724106 |  |
| 6 | INH24MC014 | Aman kumar r | A | 754531715218 | 7022904863 |  |
| 7 | INH24MC015 | AMRUTHKUMAR TJ | A | 921079658778 | 8618407537 |  |
| 8 | INH24MC016 | Amulya M N | A | 747546444112 | 7019825885 |  |
| 9 | INH24MC019 | Anugunti Sandhya | A | 221435390023 | 9848465079 |  |
| 10 | INH24MC020 | Arpita Kumari | A | 652637151234 | 9113199703 |  |
| 11 | INH24MC021 | Ashish Kumar | A | 506758002125 | 9135655930 |  |
| 12 | INH24MC024 | Avinash Manik Kamble | A | 3605 7190 8706 | 7090761553 |  |
| 13 | INH24MC028 | Beautv Manna | A | 932223958080 | 7602037876 |  |
| 14 | INH24MC029 | Bhagavati | A | 871414996773 | 8971165726 |  |
| 15 | INH24MC030 | BHANUPRIYA | A | 612850417402 | 9019718269 |  |
| 16 | INH24MC031 | Akarsh Rawat | A | 331060316135 | 7037153189 |  |
| 17 | INH24MC031 | Bharavi Shukla | A | 734609523639 | 9336584140 |  |
| 18 | INH24MC032 | Bhavva M | A | 803305034428 | 7349421355 |  |
| 19 | INH24MC033 | Brindu Reddy C | A | 770248458854 | 9345447062 |  |
| 20 | INH24MC035 | Chethan DT | A | 838257191889 | 8748058592 |  |
| 21 | INH24MC039 | Dakshavini Mangala Gond | A | 755250395929 | 9360226874 |  |
| 22 | INH24MC041 | Deekshitha R A | A | 4196 4347 0565 | 7795339578 |  |
| 23 | INH24MC043 | Disha Dev | A | 592476494463 | 6294685232 |  |
| 24 | INH24MC044 | Dishanth Patel | A | 9108 46770599 | 7133363763 |  |
| 25 | INH24MC049 | Harsha Y | A | 869961511517 | 8660455779 |  |
| 26 | INH24MC054 | Karishma G A | A | 376186323546 | 8147127688 |  |
| 27 | INH24MC055 | Karthik vm | A | 798767323774 | 9019881107 |  |
| 28 | INH24MC056 | Kavva G M | B | 568672544983 | 7338577894 |  |
| 29 | INH24MC057 | Keerthana G R | B | 496301259925 | 8088063255 |  |
| 30 | INH24MC059 | Karishma | B | 942353735355 | 8948773358 |  |
| 31 | INH24MC060 | Kokkiligadda vincela | B | 642854951589 | 9381048887 |  |
| 32 | INH24MC061 | Kovalakuntla Harshitha | B | 278396862409 | 8019327815 |  |
| 33 | INH24MC062 | Lavanva K L | B | 498665428053 | 9380202169 |  |
| 34 | INH24MC063 | Lekhana G | B | 633809866693 | 8088473253 |  |
| 35 | INH24MC064 | M N Yashwanth Kumar | B | 789567141951 | 8088572226 |  |
| 36 | INH24MC065 | M praiwal | B | 596843555043 | 7892699454 |  |
| 37 | INH24MC066 | Manoj kumar | B | 701080392908 | 8688447953 |  |
| 38 | INH24MC067 | Madhu G N | B | 920119402154 | 8217291748 |  |
| 39 | INH24MC068 | Madhu kumar K | B | 764276668079 | 8431040013 | |
| 40 | INH24MC069 | Madhushree G R | B | 859296274269 | 6366908480 | |
| 41 | INH24MC070 | MAHABAL SANJAY | B | 584430467960 | 7204838281 | |
| 42 | INH24MC073 | Manoj G L | B | 584352648125 | 7975145244 | |
| 43 | INH24MC076 | Mithesh Kulal | B | 257774288362 | 7899496871 | |
| 44 | INH24MC077 | MONICA B | B | 691167755287 | 6363061489 | |
| 45 | INH24MC078 | N Bhargav | B | 6741 3728 5194 | 8550011053 | |
| 46 | INH24MC079 | Nagaraj A | B | 690325581984 | 9843309486 | |
| 47 | INH24MC080 | Nakshita N Tandel | B | 882032395385 | 8618534943 | |
| 48 | INH24MC081 | Nanda Kishore BM | B | 910910865469 | 8618921182 | |

| | | | | | | |
|----|------------|------------------------|---|----------------|------------|---|
| 49 | INH24MC082 | Narendra Singh Deora | B | 388395944923 | 9148591357 |  |
| 50 | INH24MC083 | Naru Ramana Reddy | B | 800567198130 | 6281463418 |  |
| 51 | INH24MC087 | Nidhish Mishra | B | 7340 4109 5754 | 9399149198 |  |
| 52 | INH24MC089 | Nikhitha GS | B | 648307889311 | 9483484855 |  |
| 53 | INH24MC090 | Nikhitha P | B | 885347914276 | 9148924289 |  |
| 54 | INH24MC092 | Nischitha K N | B | 659013239042 | 9972090038 |  |
| 55 | INH24MC097 | Poorvi R | B | 244277647863 | 8197040171 |  |
| 56 | INH24MC098 | Prajwal B | B | 914454237969 | 6363256804 | Absent |
| 57 | INH24MC102 | Preetham K M | B | 651749956912 | 9632330447 |  |
| 58 | INH24MC103 | Puneeth Kumar | B | 3688 1810 9010 | 9353950078 |  |
| 59 | INH24MC104 | R Manogna | B | 625221015666 | 9014287816 |  |
| 60 | INH24MC106 | Ranjita Shriram Nigale | B | 257083824206 | 6362338471 |  |
| 61 | INH24MC108 | Ravishankar | B | 820053950471 | 9901212480 |  |
| 62 | INH24MC110 | Rohini Babu T B | B | 385592847453 | 9945192889 |  |
| 63 | INH24MC167 | Gowtham | A | 679538341045 | 7411287437 | Absent |




Head of the Department
Department of Master of Computer Applications
NEW HORIZON COLLEGE OF ENGINEERING
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Faculty coordinator
SATHYA J



HOD-MCA
Dr. V ASHA