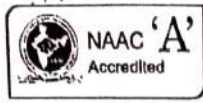




ACS College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka & Affiliated to Visvesvaraya Technological University, Belgaum)

Sponsored by : MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST



Date: 05-05-2022

To

The Group Director
Personal Planning Evaluation Group Office
ISRO Satellite Center. Old Airport Road.
Bangalore 560071
Karnataka, India.

Through,
The Principal,

Sir/ Mam,

Sub: Request for permission for Industrial Visit- regarding.

With reference to the above subject, we request you to permit our students and faculty to visit your esteemed Organization on 23rd and 24th May 2022. This visit will enrich Student's knowledge in detail of spacecraft launchers, space science activities in the field of communication. The details of the students and faculty visiting your industry are enclosed with this letter. We thank you for your cooperation in this regard.

Thanking you

V. Mareeswari
5/5/2022
Yours Sincerely

Dr. V Mareeswari
Assoc. Prof. and Head
Dept of CSE,

HOD

Dept. of C.S. & Engg.
ACS College of Engineering
Bangalore - 560 074.

Principal
05/05/22
Principal
A.C.S. College of Engineering
Kambipura, Mysore Road, Kengeri Hobli
Bangalore - 560 074

Campus

207, Kambipura, Mysore Road, Bengaluru - 560 074

Ph: 080 - 2974 8222, 2974 8333 Fax: 080 - 2974 9988

E-mail: info@acsce.edu.in, principal@acsce.edu.in



ACS College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka & Affiliated to Visvesvaraya Technological University, Belgaum)

Sponsored by : MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST



Date: 12-05-2022

To

The Group Director
Personal Planning Evaluation Group Office
ISRO Satellite Center. Old Airport Road.
Bangalore 560071
Karnataka, India.

Through,
The Principal,

Sir/ Mam,

Sub: Request for permission for Industrial Visit- regarding.

With reference to the above subject, we are confirming on 30 May 2022 to visit URSC. The details of the students and faculty visiting your industry are enclosed with this letter. We thank you for your cooperation in this regard.

Thanking you

V. Mareeswari
12/05/22
Yours Sincerely

Dr. V Mareeswari
Assoc. Prof. and Head
Dept of CSE

Principal
12/05/22
Principal

A.C.S. College of Engineering
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www.acsce.edu.in



ACS COLLEGE OF ENGINEERING
#307, Kambipura, Mysore road, Bangalore-74
Department of Computer Science and Engineering

Student Name List for ISRO Industrial Visit

Sem: VIII A

Sl. No	USN	Name of the
1	IAH18CS001	Abhimandan B S
2	IAH18CS002	Abhishek Y
3	IAH18CS003	Adity Singh
4	IAH18CS005	Ajay Kumar B K
5	IAH18CS006	Akash M
6	IAH18CS007	Akshatha R
7	IAH18CS008	Aman Raj Singh
8	IAH18CS009	Amina Sultana
9	IAH18CS010	Amruta Tarmathu
10	IAH18CS011	Amshavi B S
11	IAH18CS012	Apeksha A N
12	IAH18CS016	Bhaskar Rao R
13	IAH18CS017	Bhavya R
14	IAH18CS018	Bhumika M
15	IAH18CS023	Dhanush K
16	IAH18CS024	Dhanush Y
17	IAH18CS025	Dipanshu Chahar
18	IAH18CS026	Divija B P
19	IAH18CS027	G Sushmitha
20	IAH18CS028	Ganesh M
21	IAH18CS029	Girish N
22	IAH18CS030	Govindaraju T T
23	IAH18CS031	Gurukiran R
24	IAH18CS032	Gurunath Reddy
25	IAH18CS033	Harshitha N
26	IAH18CS034	Harshitha P
27	IAH18CS035	Himanshu Kumar
28	IAH18CS038	J Stephen Nikhil
29	IAH18CS040	Jhenkar K C
30	IAH18CS042	Kamala D
31	IAH18CS043	Kavya H M
32	IAH18CS044	Keerthana M
33	IAH18CS045	Kishore A
34	IAH18CS047	Kruthikaa
35	IAH18CS048	Kubra Anjum
36	IAH18CS049	Kushidha K
37	IAH18CS050	M Bindu Priya
38	IAH18CS051	Mannu Priya
39	IAH18CS052	Manohar E
40	IAH18CS054	Mohit Sharma
41	IAH18CS055	Monika C J
42	IAH18CS056	Monisha S
43	IAH18CS058	Neethu Singh S
44	IAH18CS059	Nithya T
45	IAH17CS002	Abhay Somai
46	IAH17CS003	Abhishek Choudry

Sem: VIII B

Sl. No	USN	Name of the Students
47	IAH18CS062	Prasad V
48	IAH18CS063	Prashanth Bb Hogde
49	IAH18CS064	Priyanka R
50	IAH18CS069	Rajeshwari
51	IAH18CS071	Rakshitha S
52	IAH18CS072	Ranganatha B V
53	IAH18CS073	Ravikumar M
54	IAH18CS074	Ritu Shyam
55	IAH18CS075	Rohith N
56	IAH18CS076	Rohith R
57	IAH18CS077	Roma Anand
58	IAH18CS078	S Sriraksha
59	IAH18CS079	Sagar B
60	IAH18CS081	Sahana L
61	IAH18CS083	Sanjann N Nagaraj
62	IAH18CS084	Santhosh T
63	IAH18CS085	Saqib
64	IAH18CS086	Saurabh Singh Chandel
65	IAH18CS087	Shalini M
66	IAH18CS088	Shashank Shetty S
67	IAH18CS089	Shivabasappa B
68	IAH18CS091	Shreyash Dubey
69	IAH18CS092	Siddharth Pugalini
70	IAH18CS095	Sri Sarlakshmi H K
71	IAH18CS097	Supreeth S
72	IAH18CS098	Supritha B
73	IAH18CS099	Supritha D
74	IAH18CS101	Syamili S N
75	IAH18CS102	Unnathi H M
76	IAH18CS103	V G Ranji
77	IAH18CS104	Vandana Kumari
78	IAH18CS105	Vaniha D H
79	IAH18CS106	Varsha N Jhingade
80	IAH18CS107	Varsha S
81	IAH18CS108	Varshitha Bai N
82	IAH18CS110	Varuni Tadas
83	IAH18CS111	Vibha G
84	IAH18CS112	Vidyashree R
85	IAH18CS113	Vikes D
86	IAH18CS114	Vinayak R Kichadi
87	IAH18CS118	Sadiya Fathima
88	IAH16CS008	Chaitra B H
89	IAH17CS028	Kumari Aditi
90	IAH17CS042	Priywal B R
91	IAH17CS027	Komala
92	IAH16CS015	Divyashree
93	IAH16CS044	Srinidhi M Tolahunse

Faculty Incharges:

1. Mr. panchakshari
2. Mrs. Kavya G
3. Mrs. Veena H N
4. Mrs. Shruthi

HOD
V. H. S.
12/5/22

(Signature)
Principal
A.C.S. College of Engineering
Kambipura, Mysore Road, Kengeri Hobli
Bangalore - 560 074

Note: Route Map is attached herewith

**U. R. RAO SATELLITE CENTRE
BANGALORE**

Shreyala Rathnakar
Head, TAVD
Programme, Planning & Evaluation Group

080-2508 2126
email: ppegoffice@ursc.gov.in

12 May 2022

To,

Dr. Mareeswari V
Associate Professor & HOD,
ACS College of Engineering,
Bangalore.
Ph.-9845198389
Email: mareeswari@acsce.edu.in

Sir / Madam,

Sub: Permission to visit U R Rao Satellite Centre – Reg.

We are in receipt of your email letter dated May 10 2022 requesting permission to visit URSC. Accordingly, you are permitted to visit on the following date and time.

30-05-2022

02:00 PM to 03:00 PM Batch - I)
03:00 PM to 04:00 PM (Batch - II)

Please provide details of your team members and faculty members along with an authorization letter from Head of the Department restricted to 50 members per batch only, subject to the following conditions:

Your team may report to URSC Reception Counter of Centre 15 minutes in advance in order to complete the administrative formalities for issuing entry passes.

1. You are requested to strictly adhere to the time schedule mentioned above.
2. In case of any exigencies, we may cancel the above visit without any intimation.
3. Carrying Camera and taking photography inside this Centre is strictly prohibited.
4. Mobile phones and electronic gadgets are not allowed to be taken inside.
5. The visitors should declare items to be carried if any and seek permission, while entering this Center to the security personnel for checking.
6. No foreign nationals are allowed.
7. No Family members will be allowed inside this centre.
8. After the visit Acknowledgement letter will not be issued from the Organization.
9. COVID appropriate behaviour shall be followed by all.

Please note that our office is located on Old HAL Airport Road, Bangalore-560 017 next to National Aerospace Laboratories (NAL). You can contact our Reception on 080-25084469 & 25084470.

The professor accompanying the Students may kindly contact the Reception Counter of this Centre to complete the administrative formalities and for issue of Entry pass in time. Kindly acknowledge the receipt of this letter.

Yours faithfully,

(Shreyala Rathnakar)

Copy to: Administrative Officer (PRO), U R Rao Satellite Centre, Bangalore-17.

Note: Route Map is attached herewith



VISVESWARAYA TECHNOLOGICAL UNIVERSITY

"JnanaSangama", Belgaum-590014, Karnataka



ACS College of Engineering

Approved by AICTE New Delhi, Affiliated to VTU, Belagavi
(A Unit of RajaRajeswari Group of Institutions)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi and ISO
9001:2015)



ACS COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi and ISO 9001:2015)

Organized

Industrial visit to “U R Rao Satellite Centre (URSC), Bangalore”

DETAILS:

Visit date: 30/5/2022

Number of students: 97

Faculty: 4

Approval letters (enclosed)

ABOUT THE “U R Rao Satellite Centre (URSC)”

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 and Rescue and Navigation. The Space science missions like Chandrayaan-1, Mars Orbiter Mission and Astrosat have received World Wide acclaim and put India in the global map while at the same time inspiring the Gen next.

satellite technologies that feeds into the Indian Space Programme. The centre also houses ultra modern design, development, fabrication and testing facilities for satellites.

Report on Industrial visit to ISRO

Objective of Industrial Visit: To give exposure to computer student about networking domain, which they can explore to cherish their professional life.

U R Rao Satellite Center (URSC), Bengaluru.

(Formerly known as ISRO Satellite Center (ISAC))

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 and Rescue and Navigation. The Space science missions like Chandrayaan-1, Mars Orbiter Mission and Astrosat have received World Wide acclaim and put India in the global map while at the same time inspiring the Gen next.

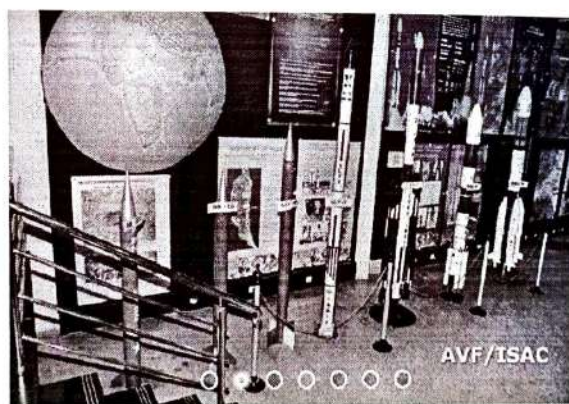
More than 100 state-of-the-art satellites built over four decades by URSC, the abode of Indian satellites, stand testimony to the technical excellence the centre has scaled. With about 2500 highly trained and skilled manpower, URSC today is home to a host of advanced, cutting edge satellite technologies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



"U R Rao Satellite Center. Old Hal Airport Road Bangalore-560017"

A one day Industrial visit to Indian space Research Organization (ISRO), Bangalore was organized by Department of Computer Science & Engineering on 30th May 2022. It was a half day visit by 70 students of 8th semester along with 3 faculty members.

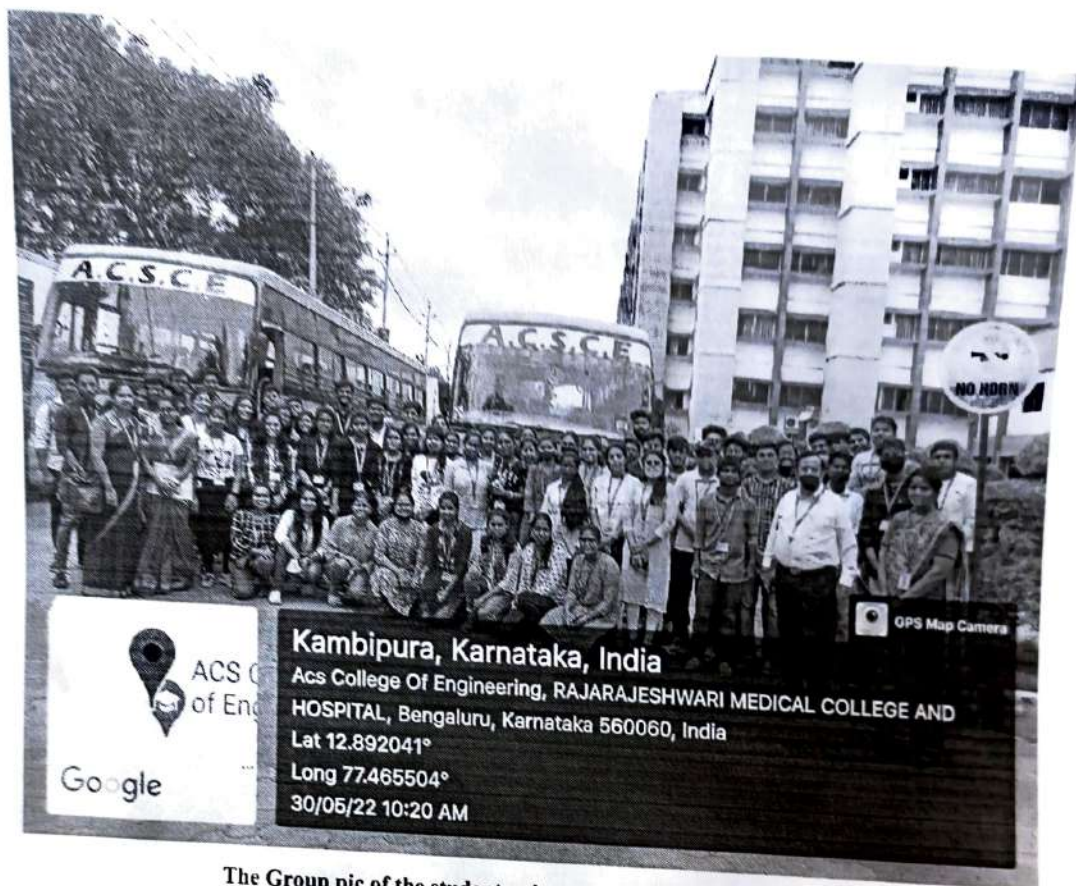
ISRO Satellite Centre (ISAC) is the lead center of the Indian Space Research Organization (ISRO) responsible for design, development, assembly & integration of communication, navigation, remote sensing, scientific and small satellite missions. For the benefit of students there is a space exhibition center at ISAC. Our students were able to see the exhibition. Scientist Mr. H L Srinivasa explained each and every display unit kept for the exhibition. It includes the models of the first Indian satellite Aryabhata, APPLE, INSAT series etc. Satellites are basically of two types- Indian Remote Sensing (IRS) satellites and communication satellites. IRS-1A was the first remote sensing mission undertaken by the Indian Space Research Organization (ISRO). It was a part-operational, part-experimental mission to develop Indian expertise in satellite imagery.



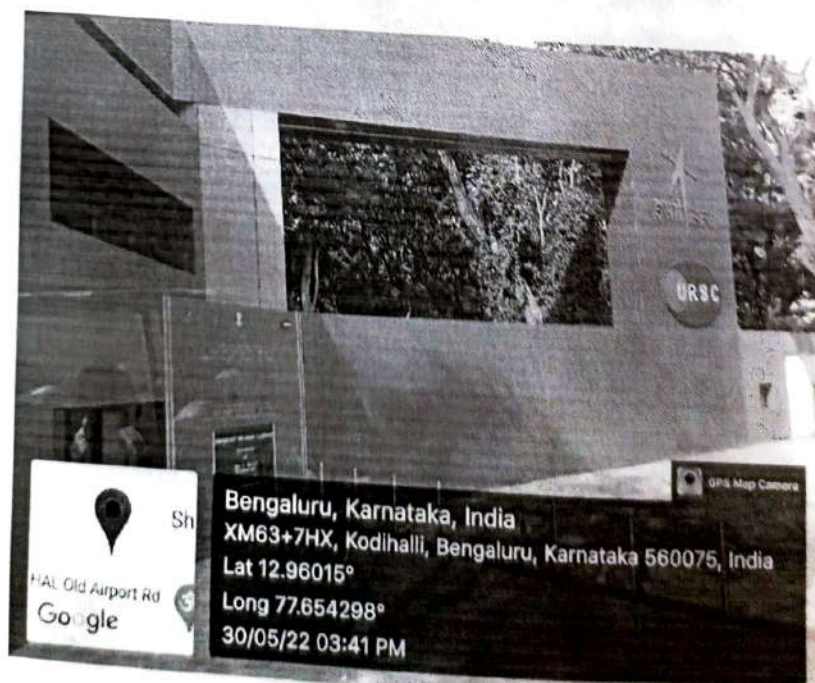
Students also gained knowledge about how television signals are broadcasted with the help of satellites. A working model was demonstrated. Various images of India taken at different angles from the satellites, for the purpose of geographical/weather study were seen. Latest images of moon obtained from satellite was also shown. Different electronic devices used in satellite and space communication were explained.

The 'clean room' concept for assembling of satellites were shown to us. It was a great experience for the students. A video depicting the moon mission of 'Chandrayaan' was also displayed. At last, Scientists answered many of the doubts which students had about satellite launching.

The Industrial Visit was a great benefit for the students to directly understand about the various concepts of satellite and space missions done by ISRO.



The Group pic of the students who went to ISRO Industrial visit



U R Roa Satellite Center. Old Hal Airport Road Bangalore-560017



Bengaluru, Karnataka, India
XM53+RPG, Kodihalli, Bengaluru, Karnataka 560075, India
Lat 12.959628°
Long 77.654263°
30/05/22 03:42 PM



Bengaluru, Karnataka, India
XM73+2JM, Kodihalli, Bengaluru, Karnataka 560075, India
Lat 12.962764°
Long 77.654134°
30/05/22 03:36 PM



HOD
 Dept. of C.S. & Engg.
 ACS College of Engineering
 Bangalore - 560 074.