

MSRCASC/EMCs_IV/2024-25/06

Date: 28/02/2025

CIRCULAR

The Department of EMCs is organizing an industrial visit to Indian Institute of Science(IISC), Bangalore on 01.03.2025 for all BSc Second Semester EMCs students. Attendance for the students is compulsory.



HOD

Department of EMCs
M S Ramaiah College of Arts, Science &
Commerce-Autonomous
Bangalore - 560 054



Principal

Principal
M.S.Ramaiah College of Arts, Science &
Commerce-Autonomous
MSRIT POST, MSR Nagar
Bengaluru - 560 054

Department of EMCs

Report on Industrial visit to Indian Institute of Science(IISc) Bangalore on 01.03.2025 for 2nd Semester BSc EMCs students.

Faculties in charge:

Ms Rithu. R
Assistant professor
Department of Electronics
MSRCASC

Ms Shilpa Mahesh
Assistant professor
Department of Computer Science
MSRCASC

Objectives:

- It provides an opportunity to the students to see the various science models related with electronics, physics and computer science
- Students know about the history as well as latest technology involved in the science.
- It helps to acquire the in-depth knowledge of electronics, electrical and mechanical concepts and models as well as project exhibitions by IISc students

The Indian Institute of Science (IISc) is India's premier institution for advanced scientific and technological research and education. Established in 1909 through the joint efforts of industrialist Jamsetji Tata, the Government of India, and the Maharaja of Mysore, IISc has since grown into a world-renowned research university.

Located in Bangalore, IISc offers postgraduate and doctoral programs across disciplines such as Engineering, Physical Sciences, Biological Sciences, Mathematical Sciences, and Interdisciplinary Research. The institute is known for its cutting-edge research in areas like aerospace, nanotechnology, artificial intelligence, quantum computing, energy systems, and climate science. IISc fosters a strong research culture and innovation ecosystem, collaborating with government agencies, industries, and international institutions. It is also home to several national laboratories and research centres.

During the visit, students explored various departments of IISc, including the Department of Computer Science, Mechanical Engineering, Electrical Engineering, and Electronics. At the Department of Computer Science, students were introduced to the evolution of computing technology through an informative display of different generations of processors. The exhibit provided insights into how processing capabilities have advanced from early-generation CPUs to modern multi-core processors and AI-accelerated computing systems.

In the Mechanical and Electrical departments, students observed advanced laboratory setups, prototypes, and equipment used in cutting-edge research. At the Department of Electronics, students engaged with faculty and research scholars who showcased ongoing research in embedded systems, communication technology, sensors, and circuit design. These interactions helped bridge academic concepts with real-world applications.

The highlight of the visit was the Open Day project exhibition, where IISc students presented innovative projects spanning multiple disciplines. Projects included AI-powered robots, renewable energy solutions, biomedical devices, IoT-based smart systems, and autonomous vehicle technology.

Outcome of the Industrial Visit:

The visit to IISc provided students with valuable exposure to cutting-edge research and technological advancements across multiple engineering disciplines. It inspired curiosity, enhanced their understanding of real-world applications, and motivated them to pursue hands-on learning and careers in science and innovation.



HOD

Department of EMCs
M S Ramaiah College of Arts, Science &
Commerce-Autonomous
Bangalore - 560 054

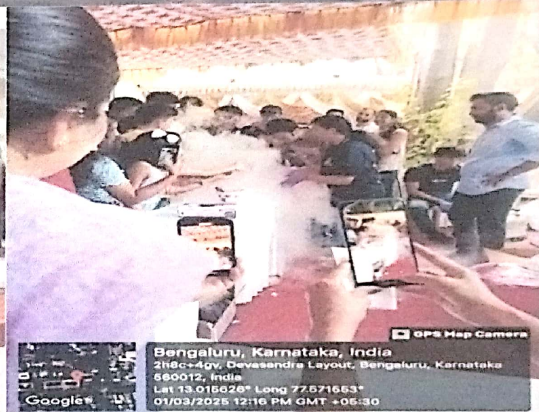


Principal

M.S.Ramaiah College of Arts, Science &
Commerce-Autonomous
MSRIT POST, MSR Nagar
Bangalore - 560 054

Department of Electronics

Photos of industrial visit to IISC Bangalore on 01.03.2021



[Signature]
HOD

Department of EMCs
M S Ramaiah College of Arts, Science &
Commerce-Autonomous
Bangalore - 560 054

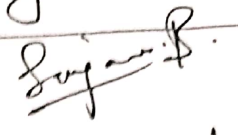

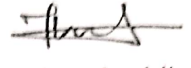
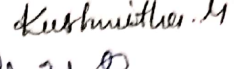
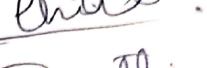
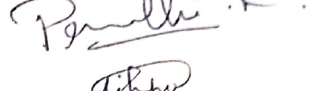

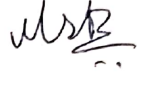
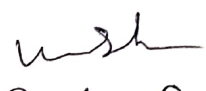
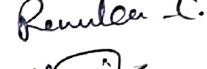
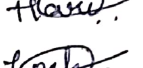
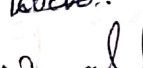




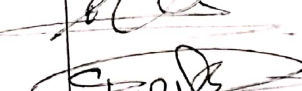




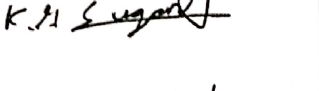
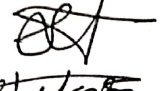
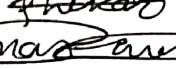
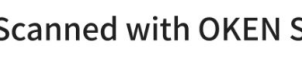
[Signature]
Principal

Principal
M.S.Ramaiah College of Arts, Science &
Commerce-Autonomous
MSRIT POST, MSR Nagar
Bangalore - 560 054

M S Ramaiah Nagar
MSRIT Post
Bangalore 560 054

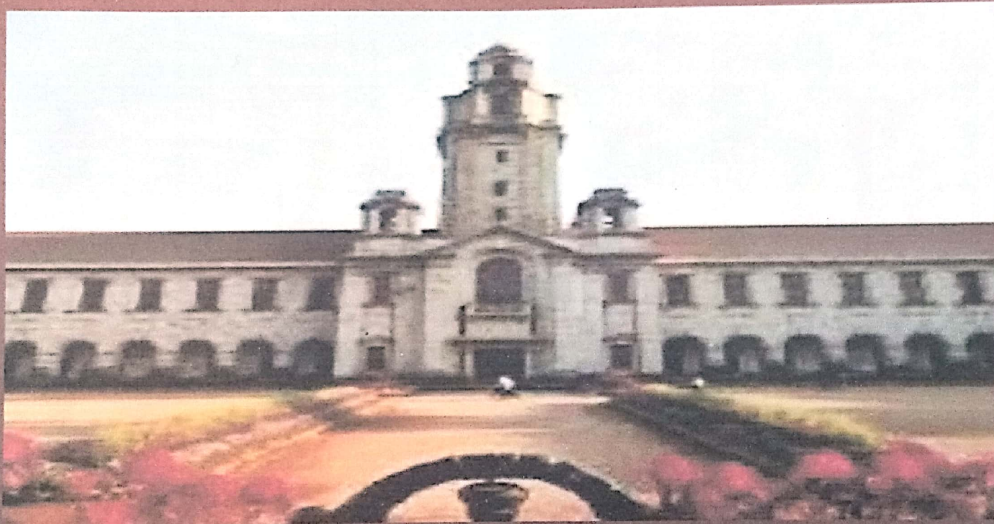
T +91 80 2360 0966/8597
+91 80 2360 6905
F +91 80 2360 6213

E principal.msrtcasc@gmail.com
W www.msrtcasc.edu.in

SINo.	Register	Name	Signature
1	U18MB24S0363	Sanjana . B	
2	U18MB24S0355	Parinitha . M	
3	U18MB24S0208	Jhusha . R .	
4	U18MB24S0189	Kushmitha . M	
5	U18MB24S0083	Chiranthana . S	
6	U18MB24S0303	Pranathi . R	
7	U18MB24S0082	Aswathi . P . V	
8	U18MB24S0081	Manogna S Rao	
9	U18MB24S0194	Varsha V	
10	U18MB24S0309	Renuka . C .	
11	U18MB24S0091	Hanini . H . V	
12	U18MB24S0193	Zochana . R .	
13	U18MB24S0314	Namitha . M	
14	U18MB24S0207	Shivani	
15	U18MB24S0088	Manjunath	
16	U18MB24S0089	Isalini	
17	U18MB24S0210	Mohan	
18	U18MB24S0335	Sweethilal K.M	
19	U18MB24S0058	Lokendra Rao	
20	U18MB24S0090	Gyrl Warren	
21	U18MB24S0092	Emanuel Shaw	
22	U18MB24S0061	K. M SUGANTH	
23	U18MB24S0211	SUMESH. S. HALADAMAL	
24	U18MB24S0302	R. S. SHEKAR	
25	U18MB24S0185	Humant Gowda . S	

M S Ramaiah College of Arts, Science & Commerce
Organised by the Department of EMCs

*Industrial
Visit
To
Indian Institute of Science, IISc*



**On 01/03/2025 for second semester BSc[EMCs]
students.**

Objective:

- It provides an opportunity to the students to see the various science models related with electronics, physics and computer science
- To make Students know about the history as well as latest technology involved in the science.
- To acquire the in-depth knowledge of electronics, electrical and mechanical concepts and models as well as project exhibitions by IISc students

**Faculty in charge: Rithu R, Shilpa Mahesh
Department of EMCs**

**M S Ramaiah college of Arts, Science and Commerce,
Bangalore - 560054**