



Department of Robotics and Automation

Report on visit to IMTMA and IMS 2023

NAME OF THE DEPARTMENT: Department of Robotics and Automation

1. Type of Event : Skill enhancement - Industrial visit Indian Machine Tool Manufacturers' Association (IMTMA) and India Manufacturing Show (IMS) 2023

2. Date of the programme : Friday, 3rd November 2023

3. Faculty Co Ordinator : Dr.M.Karthikeyan,
Professor and Head
Department of Robotics and Automation
RajaRajeswari College of Engineering

Dr. C.Ramesh
Professor and Head
Department of Mechanical Engineering
RajaRajeswari College of Engineering

Prof.Radhakrishna R.K.
Assistant Professor
Department of Mechanical Engineering
RajaRajeswari College of Engineering

4. Students attended: 1st Semester of Robotics and Automation

5. Outcome of the programme:

Students gained information about the following:

1. Understand how the technology, and production activity works and also acquire knowledge and experience.
2. Need for robots, ways it helps the industry
3. Future scope for robotics and applications of the robots such as pick-and-place, palletizing, sorting etc.
4. CNC Machines (vertical and horizontal machines).
5. Many companies had presented their ideas.
6. Projects based on robotics and various companies such as UCAM ,Powertech Pollution Control, Aisiri, Smart tool dispenser, Madox Technologies, Alstrut India, Ati and many more companies explained their components.



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Department of Robotics and Automation

IMTMA and IMS 2023 visit photos



1st-year Robotics and Automation students are with Principal Dr. R. Balakrishna and HOD RA Dr. M. Karthikeyan, HOD ME Dr.C.Ramesh and Faculty Prof.Radhakrishna.R.K & ready to board the bus to IMTMA and IMS 2023 venue.



Students are seated in the Indian Machine Tool Manufacturers' Association (IMTMA) seminar hall

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Mr.Rajashekara HV. Advisor and Head IMTMA Design Institute. Indian Machine Tools Manufacturers Association briefed about the importance of Robotics and Automation and the various activities of the IMTMA.



Students visited the various facilities in the IMTMA and interacted with the engineers and interacted with them.

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Group photos with Mr.Rajashekara HV. Advisor and Head IMTMA Design Institute. And Mr.Digvijay, Indian Machine Tools Manufacturers Association



Group photos in front of India Manufacturing Show (IMS) 2023 at Bangalore International Exhibition Center (BIEC)

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Department of Robotics and Automation



ABB Welding Robot

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COBOT

- Report prepared by Dr.M.Karthikeyan, HOD R&A

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Attendance

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Name of the event: Industrial visit.

Name of the Place: India Manufacturing Show at BIEC, Bengaluru.

Date of the Event: Friday, 3rd November 2023. Time: 8.30 am to 4 p.m

Faculty Accompanied: Dr.M.Karthikeyan, HOD RA, Dr.C.Ramesh, HOD-ME and Prof.Radhakrishna R K, AP-ME

1st Semester Department of Robotics and Automation Students Attendance

SI No	USN	Name of the Students	Sign
1.	1RR23F118	Akanksha Singh	Akanksha
2.	1RR23F701	Akash Kumar	Akash
3.	1RR23F104	Akshaya P	Akshaya
4.	1RR23F351	Appu M	AB
5.	1RR23F646	Arjun S	AB
6.	1RR23F730	Asha Shivaraddi Mulimani	Asha
7.	1RR23F653	Balaji A	Balaji
8.	1RR23F513	Bhagyashree Simhadri Srinivasalu Naidu	Bhagyashree
9.	1RR23F668	Bhargavi J	Bhargavi
10.	1RR23F705	Bhavana M	Bhavana M
11.	1RR23F507	Bhoomika P Saraganachari	Bhoomika
12.	1RR23F709	Darshan S	Darshan S
13.	1RR23F722	Deekshitha C S	Deekshitha C S
14.	1RR23F350	Ektha	AB
15.	1RR23F704	Eshwar Sai K	Eshwar
16.	1RR23F696	Harindranath N A	AB
17.	1RR23F637	K Keerthi Raj	K Keerthi Raj
18.	1RR23F616	Kavya M K	Kavya
19.	1RR23F534	Keerthana S	Keerthana S
20.	1RR23F484	Krishna Murari	Krishna
21.	1RR23F445	Mohith K S	Mohith
22.	1RR23F003	Muthukrishnan V	Muthukrishnan
23.	1RR23F554	Navaneetha G N	Navaneetha G.N
24.	1RR23F561	Neyna Sunil	Neyna
25.	1RR23F736	Niyamath Ulla	Niyamath



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Sl No	USN	Name of the Students	Sign
26.	1RR23F105	P Nithesh Kumar	Nithesh Kumar
27.	1RR23F623	Pooja Sharma	Pooja Sharma
28.	1RR23F113	Rahul P Menon	Rahul P Menon
29.	1RR23F712	Rakshith Veeresh Gouar	Rakshith Veeresh Gouar
30.	1RR23F453	Rishika Rajiv Shetty	Rishika Rajiv Shetty
31.	1RR23F543	Sameer Magi	Sameer Magi
32.	1RR23F500	Sanjana G	Sanjana G
33.	1RR23F728	Sharath Rao B	Sharath Rao B
34.	1RR23F013	Shreyaa.B.MV	Shreyaa.B.MV
35.	1RR23F685	Soujanya Manjunata	Soujanya Manjunata
36.	1RR23F469	Thanmay R	Thanmay R
37.	1RR23F723	Thanushree R	AB
38.	1RR23F450	Thrisha G N	Thrisha G.N
39.	1RR23F344	Varsha P	Varsha P
40.	1RR23F514	Vinayakumar B Tondihal	Vinayakumar B Tondihal
41.	1RR23F486	Y Ganashree	Y Ganashree
42.	1RR23F633	Yashwanth Y R	Yashwanth Y R
43.	1RR23F501	Zubair Ali	Zubair Ali

M. Lakshmi 3/11/23

Professor & Head
Dept. of Robotics and Automation
RajaRajeswari College of Engineering
Bengaluru-74.