



# RajaRajeswari College of Engineering



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

Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

Department of Robotics and Automation

## Report on Industrial visit

Report of Industrial visit of 3rd-semester students of Robotics and Automation to M/s Spectrum Tool Engineers Pvt Ltd, No 97, Petechannappa Industrial Estate, Kamakshipalaya, Magadi Main Road, Bengaluru-560079 on Thursday, 19th January 2023

The following faculty members are arranged, coordinate, and accompany the students

1. Dr.M.Karthikeyan, HOD-R&A
2. Dr.Vishwanath K C, ASP-ME

## Event Photos



Students of the Department of Robotics and Automation Engineering are ready to board the bus to M/s Spectrum Tool Engineers Pvt Ltd, Bengaluru.

**Campus:** #14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru – 560074

Phone:+91-80-28437124 / 28437375

Email Id: hodra@rrce.org

Website: <https://www.rrce.org>



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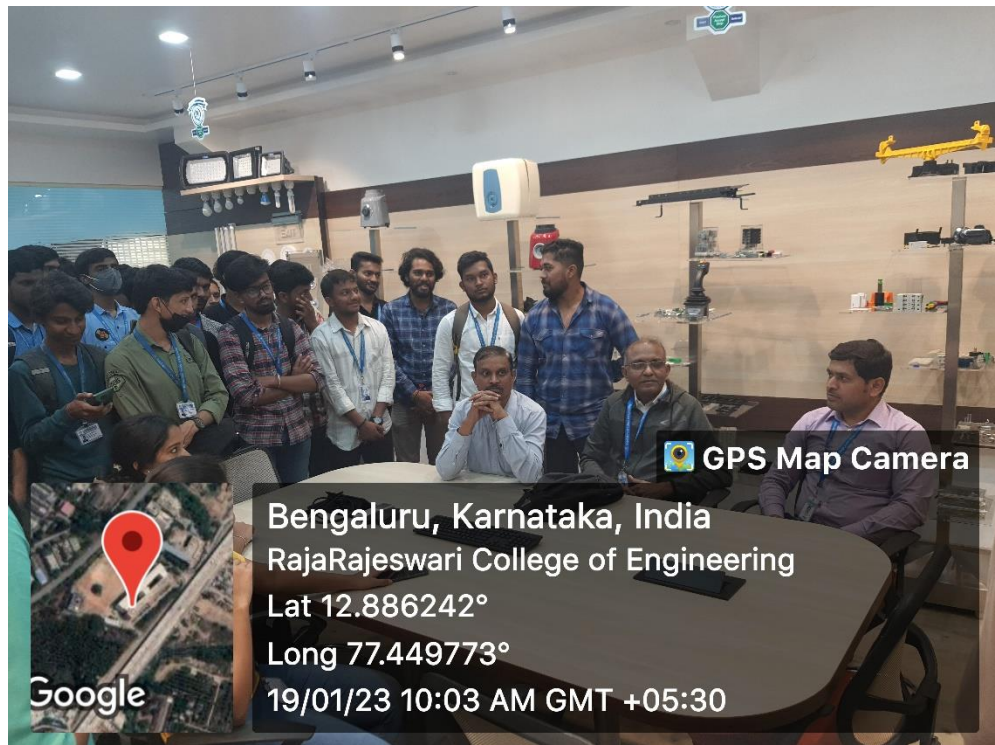
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Department of Robotics and Automation

## Event Photos



Mr.Sudharshan.V, MD, Mr.Suheb, Project Engineer, Mr.Anandkumar, HR- Trainee of M/s Spectrum Tool Engineers Pvt Ltd addressed the students about the industry



Students are listening to the briefing about the industry

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**Ms Jeevika D K (1RR21RA009) briefed the College to the industry personnel**



**Mr.Samvrudh N (1RR21RA019) briefed the College to the industry personnel**

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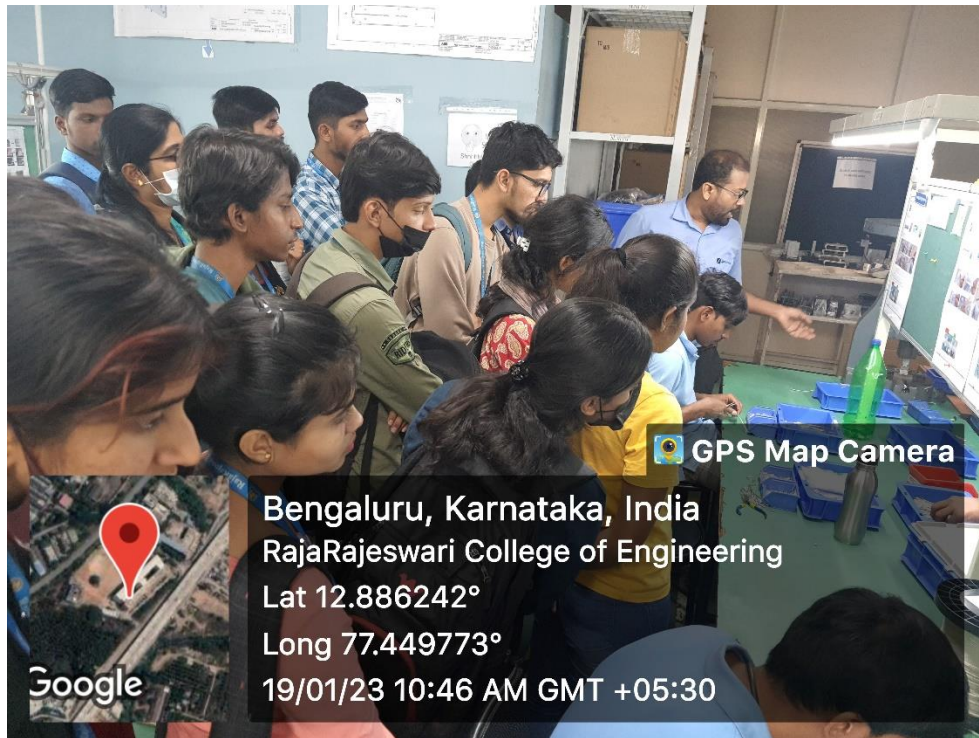
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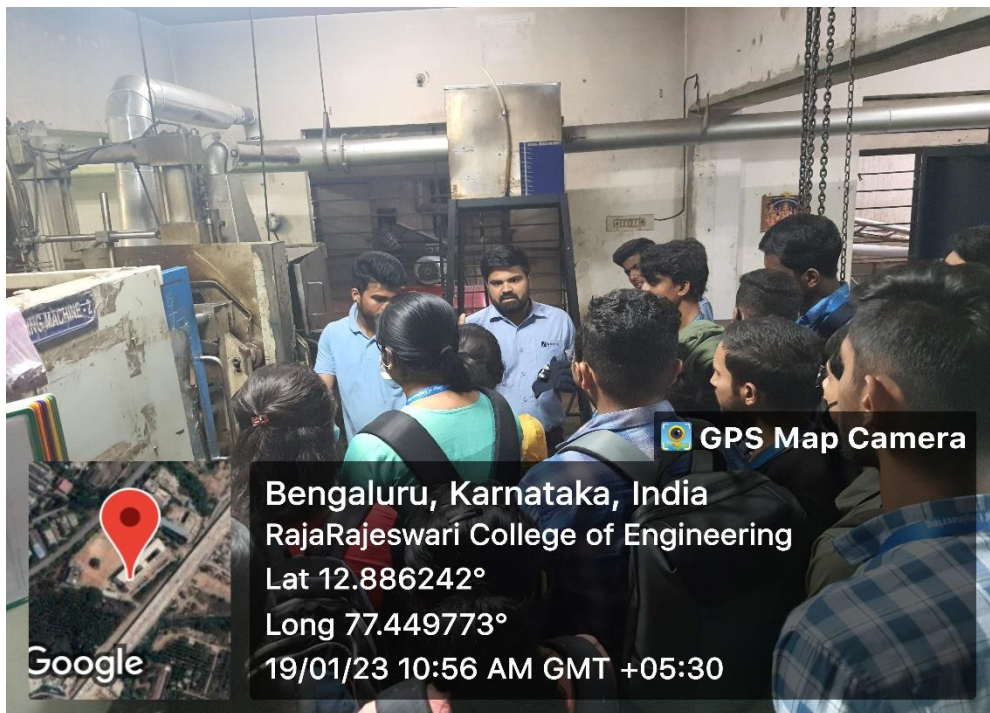
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Students observed the various process of M/s Spectrum Tool Engineers Pvt Ltd, Bengaluru.



Students observed the injection moulding process of M/s Spectrum Tool Engineers Pvt Ltd, Bengaluru.

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Workers in process of assembling the components by using a pneumatic press at M/s Spectrum Tool Engineers Pvt Ltd, Bengaluru.

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Information was collected during the visit at  
at M/s Spectrum Tool Engineers Pvt Ltd, Bengaluru by Ms.Nithya B (1RR21RA018)

- Industrial visit to at M/s Spectrum Tool Engineers Pvt Ltd, Bengaluru. Wwhich is located in Kamakshi Palya, Magadi road, Bengalulru.
- Spectrum Tool Engineers was started in the year 1990 by Mr. V. Sudarshan a Technocrat with Expertise of Die and Mould making obtained from a reputed institute.
- They provide end-to-end tooling solutions for a diverse range of Industries such as Telecom, Electrical, Automotive, Electronics, Health Care, LED Lighting, Gaming industry, etc
- They have evolved to be a premier player in the field of Design, Mould making, Injection Moulded plastic part production, Sub-assemblies, Mechanical parts production and complete product development.
- Spectrum focused on delivering cost-effective solutions that meet the strictest of industry standards.
- Company way forward in manufacturing and exporting Aluminium& Zinc Die Casting Components across the world. As it ensures faultless quality products, the company is entitled to receive considerable appreciation from its customers spread across the globe. This type of die casting is made from tested quality raw material alloys. These castings are tested for dimensions, chemical compositions, and mechanical properties to meet their customer's high standards.
- They have already installed street lights in many areas, if they get damaged then the signal will be notified to the company so that they can be corrected. This is achieved by using CNC programming.
- They are managed by an organization that can provide complete product solutions starting from product designs, tooling Design & development, manufacturing, assembly, testing, etc.
- Spectrum Techvision started in the interest of design and development and manufacturing of LED lighting products like bulbs, tube lights, panel lights, emergency lamps, street lights, floodlights, high bay lights, etc.

Attendance





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Students attendance



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Department of Robotics and Automation


Name of the event: Industrial Visit

Place of Visit: M/s Spectrum Tool Engineers Pvt Ltd, #97, Petechannappa Industrial Estate,  
Kamakshipalaya, Magadi Main Road, Bengaluru-560079.

Date of the Event: Thursday, 19/01/2023

3<sup>rd</sup> Semester Department of Robotics and Automation Students Attendance

Sl No	USN	Name of the Students	Sign
1	1RR21RA/001	ASBIN DONY A	
2	1RR21RA002	BALASARAVANA S	
3	1RR21RA003	BHUMIKA H S	
4	1RR21RA004	CHARANKUMAR K R	
5	1RR21RA005	DEVARAJU	
6	1RR21RA006	HAFSA FATHIMA	
7	1RR21RA007	HARSHA A V	
8	1RR21RA008	HEMANTH K	
9	1RR21RA009	JEEVIKA D K	
10	1RR21RA010	KEERTHI M R	
11	1RR21RA011	LOHITH M R	
12	1RR21RA012	MOHAMMED HAROON K	
13	1RR21RA013	MOHAN L	
14	1RR21RA014	MOHAN M K	
15	1RR21RA015	NAVEEN KUMAR S N	
16	1RR21RA016	NISANKA MANSI C	
17	1RR21RA017	NITHASHREE L	
18	1RR21RA018	NITHYA B	
19	1RR21RA019	SAMVRUDH N	
20	1RR21RA020	SUHAS S VASISHTA	
21	1RR21RA021	TRISIT PAUL	
22	1RR21RA022	VIHA TRUPTHI S PANDIT	
23		VITTHESH R R	
24		VENUGOPAL	

  
19/1/23  
HOD-R&A  
Professor & Head  
Dept. of Robotics and Automatic.  
RajaRajeswari College of Engineer...  
Bengaluru-74.

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#### Department of Robotics and Automation

Ref: RRCE/R&A/GL/2022-23/Odd/3

02/01/2023

To  
Mr.V.Sudarshan  
Managing Director  
Spectrum Tool Engineers Pvt Ltd  
No 97, Petechannappa Industrial Estate,  
Kamakshipalaya  
Magadi Main Road, Bengaluru-560079

Sir,

Sub: Requesting for Industrial Visit- reg.

We, RajaRajeswari College of Engineering established in 2006 to nurture and develop innovation among students from diverse disciplines come together to develop many path-breaking initiatives by Moogambigai Charitable and Education Trust (MCET), Bengaluru.

Our college is approved by the All India Council for Technical Education, New Delhi, Govt. of Karnataka & affiliated to Visvesvaraya Technological University (VTU), Belgaum and obtained the highest recognition of NBA and NAAC "A+" accreditation, ISO 9001-2008 certification.

We, the Department of Robotics and Automation Engineering started during the Academic Year 2021 -22 strive hard to impart technical education to the young generation of our country. To enrich students' knowledge in technical education, we have regularly conducted various programs such as industrial visits, entrepreneurship, technical talks, guest lecture, etc.

Around 38 students and 2 faculty members would like to visit your esteemed industry on Thursday, 19<sup>th</sup> January 2023 from 10.30 a.m. to 2.30 p.m. The visit will help our students to learn the current industry practices.

We request you to accept our proposal and grant us permission to visit your industry.

Expecting your earnest reply.

Thanking you,

*M. J. White*  
HOD-R&A  
Professor & Head  
Dept. of Robotics and Automation Engg  
RajaRajeswari College of Engineering  
Bengaluru-74.

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**Letter Correspondence to M/s Spectrum Tool Engineers Pvt Ltd, Bengaluru.**

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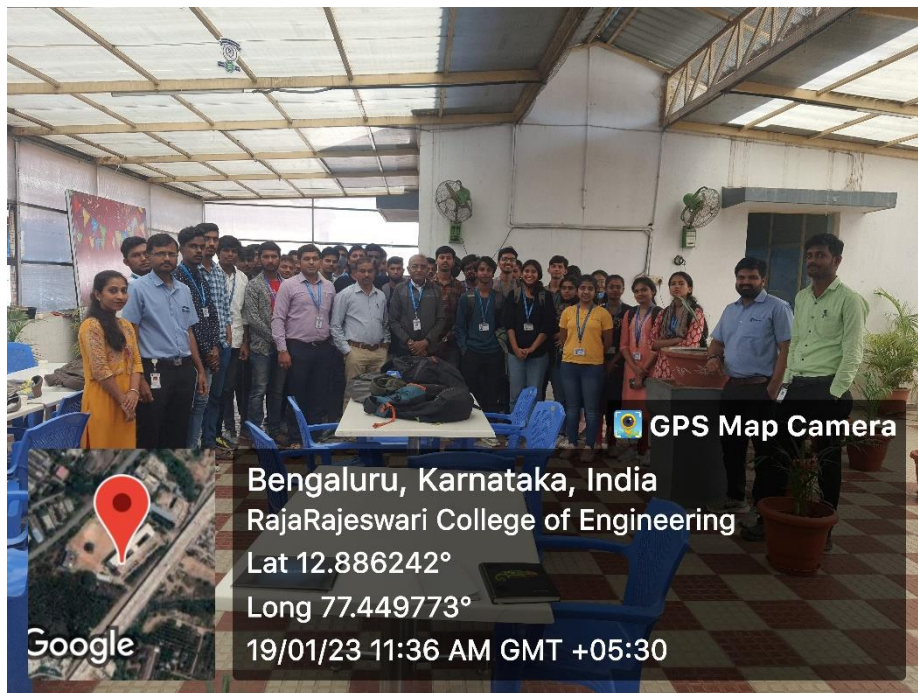
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Students are with the engineers of M/s Spectrum Tool Engineers Pvt Ltd, Bengaluru.

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

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