



**ZEAL EDUCATION SOCIETY'S  
ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
NARHE | PUNE -41 | INDIA**



Record No.: ZCOER-ACAD/R

Revision: 00

Date:01/04/2021

**Industry Interaction Report**

Department: Robotics & Automation

Semester: II

Academic Year: 2021-2022

Date:09.04.2022

To,  
The Principal,  
ZCOER, Pune

**Subject:** Report of Signed MoU with iTech Robotics & Automation Pvt. Ltd.

**Respected Sir,**

With above reference, I have visited iTech Robotics & Automation Pvt. Ltd., Pune on 9<sup>th</sup> April 2022 and Signed MoU with the Company. The details are as follows:

Sr. No.	Date	Industry / Place visited	Important details of MoU
1	09.04.2022	<p><b>iTech Robotics &amp; Automation Pvt. Ltd.</b></p> <p><b>Pune</b></p> <p><b>Contact Person:</b></p> <p><b>Mr. Pranav Lad</b></p> <p><b>Research Head</b></p>	<p>Company deals with manufacturing of robotic &amp; automation system, Jigs, fixtures and others. Company engineers are capable of building robotic system &amp; highest standards.</p> <p>iTech Robotics is an Automation company, which is helping corporations for an automated environment for production and their process.</p> <p>Mr. Yogesh R Ingole and Dr. Y Bhamare Signed the MoU in which the Scope were Industrial Visits ie Industry and Institution interaction as per its requirements, Expert Lecture and guest lecture support provided to students, Internship to the students with Sponsored Projects.</p>



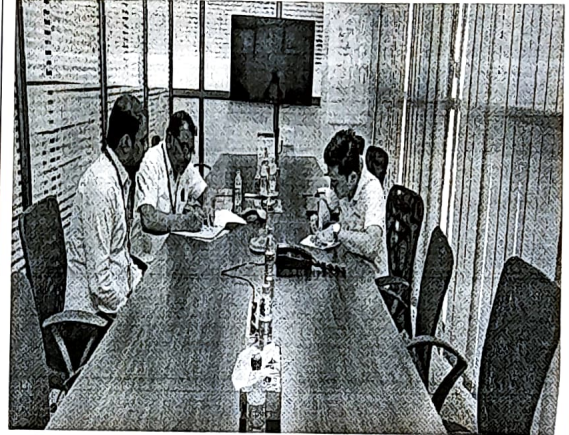
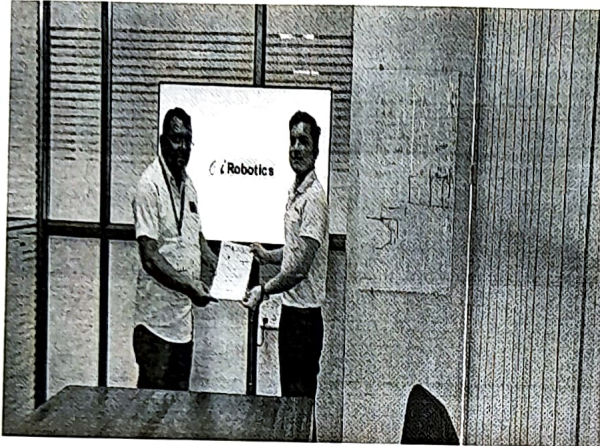
**ZEAL EDUCATION SOCIETY'S  
ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
NARHE | PUNE -41 | INDIA**



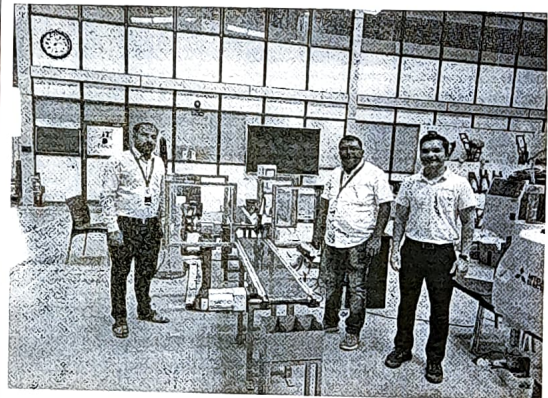
Record No.: ZCOER-ACAD/R

Revision: 00

Date:01/04/2021

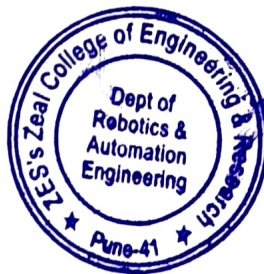


Mr. Yogesh R Ingle holding MoU Certificate, Mr. Ingle and Dr. Bhamare Signing MoU along with Pranav Lad. Research Head from iTech Robotics Pvt. Ltd. Pune.




Prof. Yogesh. R. Ingle, Head R & A Department , Dr. Y Bhamare along with Mr. Pranav Lad Research Head from iTech Robotics Pvt. Ltd. Pune dated 09.04.2022

Thanking You.

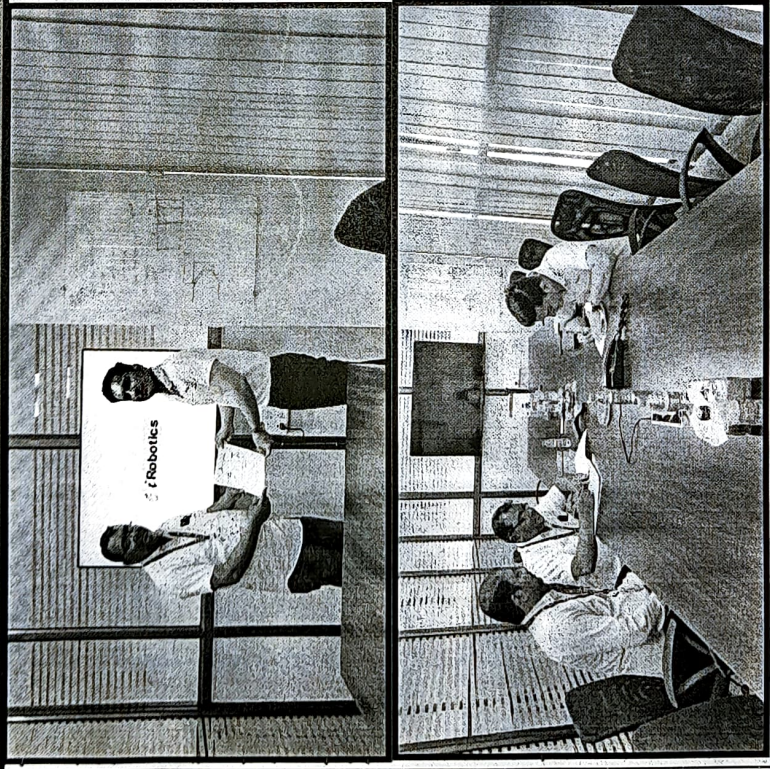


Yours faithfully,

  
**Prof. Y. R. Ingle**  
Head,  
Robotics & Automation, Engg



## Signed MoU With iTech Robotics & Automation Pvt., Ltd., Pune on 09.04.2022



Company : iTech Robotics & Automation Pvt., Ltd., Chakan Pune.

Contact Person : Mr. Pranav Lad, Research Head

### SCOPE OF THE MoU

1. Industrial Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries.
2. Expert Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students.
3. Internship to the students.
4. Sponsored Projects .





**ZEAL<sup>®</sup>**  
**INSTITUTES**  
www.zealeducation.com



ZEAL EDUCATION SOCIETY'S  
**ZEAL COLLEGE OF ENGINEERING  
AND RESEARCH**

Sr.No - 39, Narhe Dhayari Road, Narhe, Pune - 411 041 (MS) India.  
020-6720 6000/106 principal.zcoer@zealeducation.com www.zcoer.in  
AISHE Code : C-41988 | DTE Code : EN-6298 | SPPU Pun Code : PU/PN/NGG/285/2007  
Accredited by NAAC with 'A' Grade

Ref. No.: ZES/NC/1715

Date : 08/04/2022



**iRobotics**

DEPARTMENT OF ROBOTICS &  
AUTOMATION  
ZEAL COLLEGE OF ENGINEERING  
& RESEARCH, PUNE

iROBOTICS - iTECH ROBOTICS  
AND AUTOMATION PVT. LTD.,  
PUNE

# **MEMORANDUM OF UNDERSTANDING**

BETWEEN

DEPARTMENT OF ROBOTICS &  
AUTOMATION,  
ZEAL COLLEGE OF ENGINEERING &  
RESEARCH, PUNE

AND

iROBOTICS - iTECH ROBOTICS AND  
AUTOMATION PVT. LTD., PUNE.



### **About Zeal College of Engineering & Research, Pune.**

Zeal Education Society is established in year 1996 by Hon. Shri S. M. Katkar, an eminent industrialist committed to noble cause of education. Society runs eight institutes from Pre-primary to PhD courses. It caters to educational needs of more than 7000 students, and it's continuously expanding to cope up with growing demands in the field of technical education.

ZCOER is established in 2007 which symbolized the beginning of new era in technical education. The college offers UG engineering degree courses in Civil Engineering, Computer Engineering, and Electrical Engineering, Information Technology, Electronics & Telecommunication, Mechanical Engineering & Robotics & Automation. The college also offers PG courses in Computer Engineering, Electrical Engineering (Power System), Electronics & Telecommunication (VLSI and Embedded System), Mechanical Engineering (ME Design / CADEM) and Master of Business Administration. The institute is also granted as PhD research center in Computer Engineering, Electronics & Telecommunication and Mechanical Engineering under Savitribai Phule Pune University, Pune (SPPU) since 2013.

The college has the experienced and highly qualified staff, spacious classrooms and well equipped laboratories. With state of the art research, infrastructural, sports, cultural facilities, the campus provides excellent academic ambience for the students, Hence it is one of the sought after engineering colleges in Pune.

### **About iRobotics - iTech Robotics and Automation Pvt. Ltd., Pune- 410501**

iRobotics - iTech Robotics and Automation Pvt. Ltd. is a professionally managed engineering company involved in manufacturing of Robotic & Automation Systems, Jigs, Fixtures and other relevant activities, for the last 10 years. We have two units in Chakan Ind. Area & Corporate office in Chinchwad, Pune. iRobotics has team of experienced and qualified engineers capable of building robotic system to the highest standards.

To maintain a cutting edge, we have stressed upon continuous updates of our professional capabilities, production facilities and techniques. With a keen eye on emerging trends in engineering, we have successfully risen to the challenges imposed by changing markets, new technologies and production schedules.

The Mission of iRobotics is to be the world's premier engineering company in the field of Robotics and Automation. Our Roadmap starts with our mission, which is enduring. It declares our purpose as a company and serves as the standard against which we weigh our actions and decisions.

iRobotics have started a Research and Training Institute, Rookie Ventures, located at Chakan, Pune, Maharashtra, India. We have state-of-the-art infrastructure facilities for providing robotics training to the working professionals and to the students along with opportunities to work on actual industrial projects.

**Memorandum of Understanding (MoU) Between Department of Robotics & Automation, Zeal College of Engineering & Research, Pune and iRobotics - iTech Robotics and Automation Pvt. Ltd., Pune- 410501.**

### **ACTIVITY COVERED UNDER THE MoU:**

1. Technical Contributions for academic curriculum design and implementation.
2. To develop and foster strategic linkages between department of Robotics & Automation , Zeal College of Engineering & Research and the technical department of iRobotics.
3. Provide internship to the students based upon mutual consent and availability.
4. Mentoring students' projects of mutual interest and convenience.
5. Exploring and carrying out academic activities with mutual consent.
6. Provide exposure to the latest technologies to the students and faculty members of Zeal College of Engineering.
7. Technical Proficiency Development Programme.
8. Expert / Guest Lectures and Industrial Visits.

### **TERMS AND CONDITIONS:**

1. Association is the collaboration between two parties for mutual benefit and to enrich through innovations.
2. There are **no financial and legal obligations** on either party to get under the agreement.
3. **Association stands valid for three years from the date of the agreement.** The association can be terminated from either side with a prior notice period of one month.
4. Both parties shall work in synchronization to ensure successful completion of the association and achieving the shared goal with industry, students, and technocrats; and commercials of each element of collaboration will be decided on a case-to-case basis.

In written, there of both parties have set and signed the precept under this MoU under their respective seal of the parties on the Day, Month and Year mentioned.





**ZEAL<sup>®</sup>**  
**INSTITUTES**  
www.zealeducation.com



ZEAL EDUCATION SOCIETY'S  
**ZEAL COLLEGE OF ENGINEERING  
AND RESEARCH**

Sr.No - 39, Narhe Dhayari Road, Narhe, Pune - 411 041 ( MS) India.  
020-6720 6000/106 principal.zcoer@zealeducation.com www.zcoer.in  
AISHE Code : C-41988 | DTE Code : EN-6298 | SPPU Pun Code : PU/PN/NGG/285/2007  
Accredited by NAAC with 'A' Grade

Ref. No.:

Date :

On the behalf of

Zeal College of Engineering & Research,  
Pune

Name: Prof. Yogesh R. Ingole

Designation: Head, Department of Robotics &  
Automation. Zeal College of Engineering &  
Research, Pune.

Date:

In Presence of:

1) Name: Dr. Ajit M. Kate

Designation: Principal Zeal College of  
Engineering & Research, Pune

Date:

On the behalf of

iRobotics - iTech Robotics and Automation  
Pvt. Ltd., Pune

Name: Mr. Kiran M. Pawar

Designation: Managing Director, iRobotics -  
iTech Robotics and Automation Pvt. Ltd., Pune

Date:

In Presence of:

1) Name: Mr. Pranav Lad

Designation: Head, Research and Development,  
iRobotics - iTech Robotics and Automation Pvt.  
Ltd., Pune

Date:

2) Name: Mr. Akash Mahajan

Designation: Project Lead, iRobotics - iTech  
Robotics and Automation Pvt. Ltd., Pune

Date:

## Permission to visit your Industry for second year Robotics & Automation Engineering Students.

1 message

**Yogesh Ingole** <yogesh.ingole@zealeducation.com>

Thu, Apr 7, 2022 at 11:30 AM

To: Pranav Lad <pranav.lad@irobotics.co.in>

Dear Sir,

Zeal Education Society's Zeal College of Engineering and Research is affiliated to Savitribai Phule Pune University, imparting quality technical education to undergraduate and postgraduate students. As a part of the curriculum, it is essential to provide industrial exposure to our 73 second Year Robotics & Automation Engineering students, which will add to technical knowledge and field experience of Robotics & Automation. Yours being a renowned Industry, we request you to kindly grant the permission for industrial visit to our students. There will be **73 students** (We can make 2 batches – 30-35 students in each batch) who will be accompanied by **4 staff** members.

In this context, we request you to permit our students and convey the feasible dates from **18<sup>th</sup> April to 20<sup>th</sup> April, 2022.**

Thank you for your time and consideration.

Thanks & Regards

Yogesh R Ingole  
Head,  
Department of Robotics & Automation Engineering,  
Zeal College of Engineering & Research, Narhe Pune  
9850538352/9307620513

 **iTech Robotics Visit Permission Letter.pdf**  
391K





**ZEAL EDUCATION SOCIETY'S  
ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
NARHE | PUNE -41 | INDIA  
DEPARTMENT OF ROBOTICS & AUTOMATION  
ENGINEERING**



Date - 07/04/2022

To,  
The HR,  
iTech Robotics & Automation Pvt. Ltd.,  
20, MIDC, Bhosari, Pimpri-Chinchwad,  
Maharashtra 411019

**Subject:** Permission to visit your Industry for second year Robotics & Automation Engineering Students.

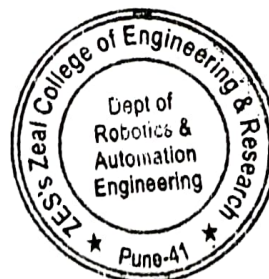
Dear Sir,

Zeal Education Society's, Zeal College of Engineering and Research is affiliated to Savitribai Phule Pune University, imparting quality technical education to under graduate and postgraduate students. As a part of curriculum, it is essential to provide industrial exposure to our 73 second Year Robotics & Automation Engineering students, which will add to technical knowledge and field experience of Robotics & Automation. Yours being a renowned Industry, we request you to kindly grant the permission for industrial visit to our students. There will be **73 students** (We can make 2 batches – 30-35 students in each batch) who will be accompanied by **5 staff** members.

In this context, we request you to permit our students and convey the feasible dates from 1<sup>st</sup> May to 5<sup>th</sup> May 2022.

Thanking you in anticipation.

*Handwritten signature*  
4/5/22



Yours faithfully,

*Handwritten signature of Prof. Y. R. Ingle*

**Prof. Y. R. Ingle**  
Head of the department



**ZEAL EDUCATION SOCIETY'S  
ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
NARHE | PUNE -41 | INDIA  
DEPARTMENT OF ROBOTICS AND AUTOMATION  
ENGINEERING**



**Request Letter for Transportation**

Date: 27/04/2022

To,  
The Principal,  
ZES, ZCOER,  
Narhe, Pune- 41

**Subject:** Regarding vehicle arrangement for Industrial Visit on 4<sup>th</sup> May 2022.

Respected Sir,

As mentioned in the above cited subject we would like to inform you that, the industrial visit for exposure in "Robotics and Automation" has been arranged on 4<sup>th</sup> May 2022 at **(PARC Robotics, Chakan and Itech Robotics & Automation, Chakan)**. The total number of students going for industrial visit will be around 73 along with 4 Faculty members hence on 4<sup>th</sup> May 2022 we required two buses (40 capacity) for transportation.

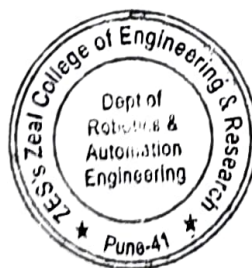
Sr. No.	Date	No. of Students & Faculty	Time
1	4 <sup>th</sup> May 2022	73 + 4 staff = 77	09.00 PM to 04.00 PM

So, I kindly request you to provide the vehicle arrangement for successful conduction of industrial visit.

Thanking You,

*Approved  
Arbale  
28/04/2022*

*OK  
30-4-2022*



Yours faithfully,

**Prof. Y. R. Ingole,**  
Head of Department

**Head of Department**  
Dept. of Robotics & Automation Engg.  
ZES's Zeal College of  
Engineering & Research  
Narhe, Pune-411041





**ZEAL EDUCATION SOCIETY'S  
ZEAL COLLEGE OF ENGINEERING AND  
RESEARCH  
NARHE | PUNE -41 | INDIA  
DEPARTMENT OF ROBOTICS AND AUTOMATION  
ENGINEERING**



Record No.: ZCOER-ACAD/R/39

Revision: 00

Date: 01/04/2021

**Notice**

**Department: Robotics and Automation Engineering**

**Semester: II**

**Academic Year: 2021-22**

**Date: 02/05/2022**

All the Second-Year Robotics and Automation Engineering students are hereby informed that, the Industrial Visit for exposure in the field of Robotics and Automation has been arranged at **1. PARC Robotics, Chakan and 2. Itech Robotics & Automation, Chakan on 4th May, 2022 from 9.00 am to 4.00 pm.**

All SE students have to report to College sharp at 8:50 am. Bus will depart sharp at 9:00 am from the College campus.

Instructions are to be followed during Visit.

1. All have to carry college I-Card.
2. All have to wear Formal dress and have to carry mask.
3. Shoes are compulsory during visit.
4. All have to carry Water bottle & have to make own arrangement of food.
5. All have to submit the report on industrial visit (Carry Notebook to take out the notes which will be useful to prepare Industrial Visit Report).
6. All the students should obey the instructions of faculty in-charge of Industrial Visit Dr. K. R. Sontakke.

Discipline should be maintained both in industry and public. Students should behave in a very decent manner. Any violation will be viewed very seriously.



**Prof. Y. R. Ingole,**  
**Head of Department**  
**Head of Department**  
Dept. of Robotics & Automation Engg.  
ZES's Zeal College of  
Engineering & Research  
Narhe, Pune-411041



**ZEAL EDUCATION SOCIETY'S  
ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
NARHE | PUNE -41 | INDIA**



**INDUSTRIAL VISIT ONE PAGE REPORT**

Date – 06/05/2022

To,  
The Head of Department,  
Robotics and Automation Engineering Department  
ZCOER, Narhe

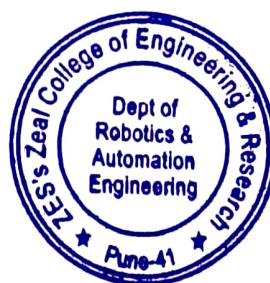
As per the curriculum of SavitribaiPhule Pune University, it is necessary that student should visit industries/ research institute/ exhibition to get the practical knowledge and ongoing activities in the field of Robotics and Automation Engineering world. On the same note department of Robotics and Automation Engineering Department had organized industrial visit at PARC Robotics System Pvt. Ltd., and iTech Robotics & Automation Pvt. Ltd., Chakan, Pune on 4<sup>th</sup> May, 2022 to give exposure to students about operations of Robots and Automation Engineering.

Total 64 students and 5 faculties visited PARC Robotics System Pvt. Ltd., and iTech Robotics & Automation Pvt. Ltd., Chakan, Pune in two batches at a time and after visiting one industry the batches were swapped. During the visit students and faculties interacted with various work stations in the industries where Robots were operating. Instructors from the industry explained working and operations in automation. Students performed hands on sessions on the different work stations.

Points covered during the visit:

Sr. No.	Contents Covered	PO's Mapping to the Contents
1	Operations of Robots, Various projects undertaken by the companies, Type of works performed by Robots, Automation types & Solutions and Applications.	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO12, PSO1, PSO2, PSO3, PSO4

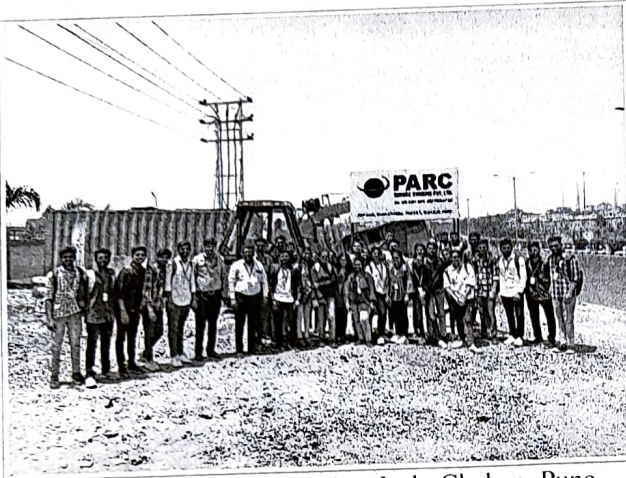
Page 1/2 SE R & A sem II  
Industrial visit



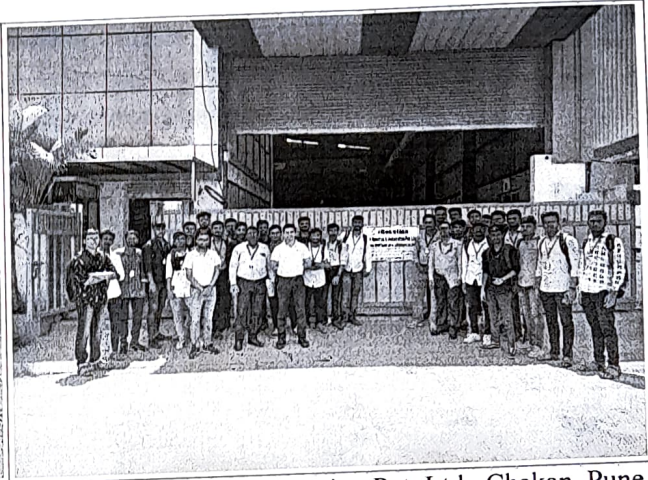




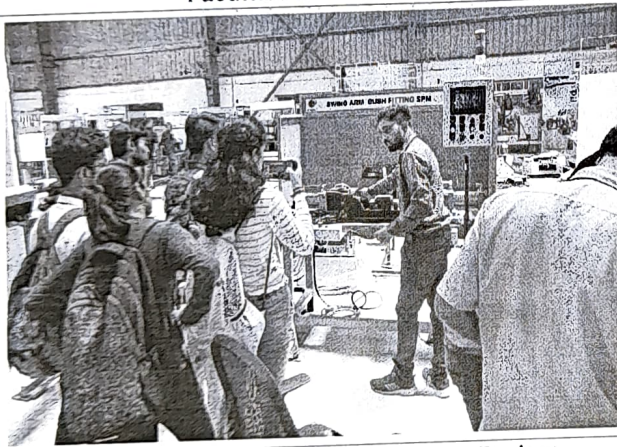
**ZEAL EDUCATION SOCIETY'S  
ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
NARHE | PUNE -41 | INDIA**



PARC Robotics System Pvt. Ltd., Chakan, Pune  
Faculties and students



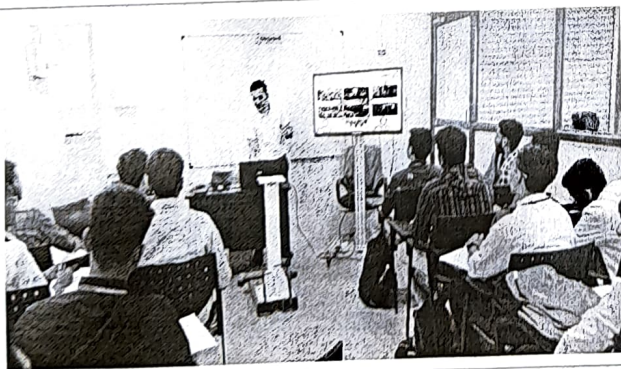
iTech Robotics & Automation Pvt. Ltd., Chakan, Pune  
Faculties and students



Engineers Explaining about various Projects  
undertaken at PARC Robotics System Pvt. Ltd



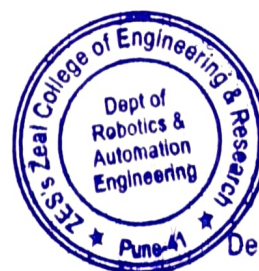
Engineers Explaining about various Projects  
undertaken at PARC Robotics System Pvt. Ltd



Mr. Pranav Lad, Head , Research, explaining about various Projects undertaken at iTech Robotics Pune.



Page 2/2 SE R 4A Sem II  
Industrial visit



*Bikesh Kumar*  
Prof. Bikesh Kumar

**Assistant Professor**  
Dept. of Robotics & Automation Engg  
ZES's Zeal College of  
Engineering & Research  
Narhe, Pune-411041





**ZEAL EDUCATION SOCIETY'S**  
**ZEAL COLLEGE OF ENGINEERING AND RESEARCH**  
**NARHE | PUNE -41 | INDIA**



**Industrial Visit Attendance**

Date: 04/05/2022

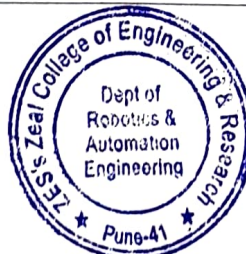
Subject: Robotics and Automation Engineering

Class: Second Year

Division: A

Industry Name: **iTECH ROBOTICS & AUTOMATION PVT. LTD., CHAKAN.**

Sr. No	Roll Number	Full Name	Sign
1	S1511001	BAGADE SAKSHI LAXMAN	
2	S1511002	SRUSHTI CHANDRAKANT BAGAWA	
3	S1511003	BAKARE AUM SHAILENDRA	
4	S1511004	BHOSLE SAMRUDDHI SHEKHAR	
5	S1511005	CHAUDHARI LALIT VINOD	
6	S1511006	CHAUHAN YASH NARENDRASINGH	
7	S1511007	CHAVAN ANIKET BHUSHAN	
8	S1511008	CHAVAN PRATHAMESH JITENDRA	
9	S1511009	CHOWDHARY PANKAJ VAIDYANATH	
10	S1511010	DESHMUKH AACHAL RAJESH	
11	S1511011	DEVAKAR SHRIDATTA MADHUKAR	
12	S1511012	DHAMNE MIHIR GANESH	
13	S1511013	DHUMAL ROHAN VINAYAK	
14	S1511014	SURAJ DHANAJI GAIKWAD	
15	S1511015	JADHAV RAHUL AJIT	
16	S1511016	JAGTAP ABHISHEK SUDHAKAR	
17	S1511017	JAGTAP PRATHAM GOPINATH	
18	S1511019	KADU OM SANDEEP	
19	S1511020	KALE SHRINIVAS SANTOSH	



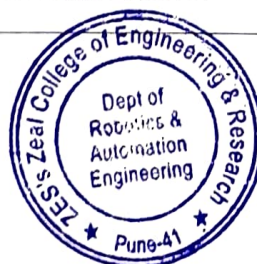




**ZEAL EDUCATION SOCIETY'S  
ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
NARHE | PUNE -41 | INDIA**



20	S1511022	KSHIRSAGAR AVANTI MAHESH	<i>Avanti</i>
21	S1511023	KUTE CHAITANYA VITTHAL	<i>Chaitanya</i>
22	S1511024	LAHAMAGE TEJAS KIRAN	<i>Tejas</i>
23	S1511025	MAHENDRE VINAY GANESH	<i>Mahendre</i>
24	S1511027	MALWADKAR ABHISHEK YASHWANT	<i>Abhishek</i>
25	S1511028	MATE ADITI PANDURANG	<i>Aditi</i>
26	S1511029	MORE PRAJWAL SHAMRAO	<i>Prajwal</i>
27	S1511030	NACHAN GOKUL NIVRUTTI	<i>Gokul</i>
28	S1511031	NAIK KHUSHI BHASKAR	<i>Khushi</i>
29	S1511032	NAWAL SHIVAM DILIP	<i>Nawal</i>
30	S1511033	NIKURE PRAJWAL DEVIDAS	<i>Prajwal</i>
31	S1511034	PADAWAL KEDAR DNYANESHWAR	<i>Kedar</i>
32	S1511035	PARDESHI SOURABH JAYDEEP	<i>Sourabh</i>
33	S1511036	PATIL BHAVIKA TARUNKUMAR	<i>Bhavika</i>
34	S1511037	PATIL YASH PRABHAKAR	<i>Yash</i>
35	S1511038	PAWAR VRUSHAB VISHNU	<i>Vrushab</i>
36	S1511039	PORE AJIT PANDURANG	<i>Ajit</i>
37	S1511040	PRAJAPATI NILESH KAMLESH	
38	S1511041	RUSHIKESH NAMDEV PUDALE	
39	S1511042	RANDIVE VYANKTESH MAHESH	<i>Vyanktesh</i>
40	S1511043	RANGATE YASH PANDURANG	<i>Yash</i>
41	S1511044	RANGREJ MUZAFFAR YUNUSALI	
42	S1511045	RASAL VAIBHAV SANJAY	<i>Vaibhav</i>
43	S1511046	RAUT PRATIKSHA DINESH	<i>P.D. Raut</i>
44	S1511047	ROKADE PRANALI RAJENDRA	<i>Pranali</i>
45	S1511048	SABLE TUSHAR DAYANAND	<i>Tushar</i>
46	S1511049	SALUNKHE VIKEE ASHOK	<i>Vikie</i>
47	S1511050	YASH AJAY SALUNKHE	<i>Yash</i>
48	S1511051	SANDUPATLA ANIKET DEEPAK	<i>Aniket</i>





**ZEAL EDUCATION SOCIETY'S**  
**ZEAL COLLEGE OF ENGINEERING AND RESEARCH**  
**NARHE | PUNE -41 | INDIA**



49	S1511052	SHAH NIKUNJ CHANDRESH	<i>Nikunj</i>
50	S1511053	AFAAN KHALID SHAIKH	
51	S1511054	SHAIKH MOHAMMED ZAIN ABDUL MASOOD	<i>M Zain</i>
52	S1511055	SHARMA PRERNA YOGESH	<i>Prerna</i>
53	S1511056	SHEIKH LAYBA MAHIN KANIJA PARVIN	<i>Layba</i>
54	S1511057	SHINDE ANISHA MARUTI	<i>Anisha</i>
55	S1511058	SURYAWANSHI SURAJ MALHARI	<i>Suraj</i>
56	S1511059	THORAT SRUSHTI SADANAND	<i>Srushti</i>
57	S1511060	THORAT VAISHNAVI DADASAHEB	<i>Vaish</i>
58	S1511061	TUKARAL ASHISH SURYAKANT	<i>Ashish</i>
59	S1511062	VASVE KAUSHAL SOMNATH	<i>Vasve</i>
60	S1511063	WADHWA PAWAN ANIL	<i>Pawan</i>
61	S1511064	WAGHMARE LAMBODAR VIJAY	<i>Lambodar</i>
62	S1511065	WAMAN YASH SHANKAR	<i>Yash</i>
63	S1511066	YADAV SAHIL POPAT	<i>Sahil</i>
64	S1511067	INDORE RAHUL BHASKAR	<i>Rahul</i>
65	S1511068	DHOTRE DEVESH MALIK	
66	S1511069	KHEDEKAR CHETAN SANTOSH	<i>Chetankar</i>
67	S1511070	ANDURE VINIT DEEPAK	<i>Vinit</i>
68	S1511071	BURTE RUTVIK MAHENDRA	
69	S1511072	GADE OM PRADEEP	<i>Om</i>
70	S1511073	BHADE NAHUSH ANIL	<i>Nahush</i>
71	S1511074	JAGTAP SIDDHESH PRAVIN	
72	S1511075	KALAMBE NINAD MILIND	<i>Ninad</i>
73	S1511076	THORAT PRIYANKA SUNDAR	



  
**Head of Department**  
Dept. of Robotics & Automation Engg.  
ZES's Zeal College of  
Engineering & Research  
Narhe, Pune-411041



**ZEAL EDUCATION SOCIETY'S  
ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
NARHE | PUNE -41 | INDIA  
DEPARTMENT OF ROBOTICS AND AUTOMATION  
ENGINEERING**



**Letter of Thanks**

Date - 04/05/2022

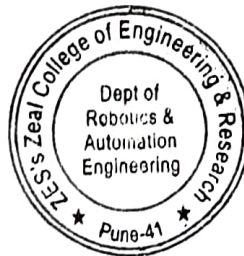
**To,**  
**The Director/ Manager,**  
**iTECH Robotics and Automation Pvt. Ltd.,**  
**20, MIDC, Bhosari, Pimpri-Chinchwad, Maharashtra 411019**


**Subject: Letter of Gratitude.**

The Zeal Education Society's, Zeal College of Engineering and Research Pune would like to thank you for permitting us for conducting industrial visit for the Robotics and Automation for second year Robotics and Automation Engineering students. The guidance of domain expert from your Industry was one of the best and interesting topics to be studied by our students. It was an honor for Zeal College of Engineering and Research to have domain experts like you as our resourceful eminent personnel. We believe that the knowledge shared by experts of your workshop will help immensely in the development of the students and eventually translate into better future for them in this sector.

We know that your time is precious and we are grateful you shared some of it with us. We look forward to get more time from your side to arrange such industrial interactive sessions in future.

  
4/5/2022  

  
**Prof. Y. R. Ingole**  
**Head of the department**  
**Head of Department**  
**Dept. of Robotics & Automation Engg.**  
**ZES's Zeal College of**  
**Engineering & Research**  
**Narhe, Pune-411041**



# Students Feedback for Industrial Visit at PARC Robotics and iTech Robotics and Automation, Chakan\_04.05.2022

Department of Robotics and Automation (Industrial Visit conducted on 04/05/2022 for SE students)

\* Required

1. Email \*

PARC Robotics



## iTech Robotics & Automation





## PARC Robotics



## iTech Robotics & Automation





2. Name of student \*

---

3. Roll No of the student (Ex: S612045) \*

---

4. Q.1 The activity is useful to apply Engineering fundamentals to provide the solution of complex engineering problems \*

*Check all that apply.*

- ☐ Extremely agree
- ☐ Moderately Agree
- ☐ Somewhat agree
- ☐ Slightly agree
- ☐ Not Applicable

5. Q.2 The activity is useful to Identify, formulate and analyze the complex engineering problems \*

*Check all that apply.*

- ☐ Extremely agree
- ☐ Moderately Agree
- ☐ Somewhat agree
- ☐ Slightly Agree
- ☐ Not Applicable

6. Q. 3 The activity is useful to provide solutions to public health and safety, and the cultural, societal, and environmental issues. \*

*Check all that apply.*

- ☐ Extremely agree  
☐ Moderately Agree  
☐ Somewhat Agree  
☐ Slightly Agree  
☐ Not Applicable

7. Q.4 The activity have provided scientific approach to Conduct investigations of complex problems \*

*Check all that apply.*

- ☐ Extremely agree  
☐ Moderately Agree  
☐ Somewhat Agree  
☐ Slightly Agree  
☐ Not Applicable

8. Q.5 The activity have provided importance of modern tool usage to provide the solution of complex engineering problems \*

*Check all that apply.*

- ☐ Extremely agree  
☐ Moderately Agree  
☐ Somewhat Agree  
☐ Slightly Agree  
☐ Not Applicable

9. Q.6 The activity highlighted responsibility of engineers towards societal, health, safety, legal and cultural issues \*

*Check all that apply.*

- ☐ Extremely agree
- ☐ Moderately Agree
- ☐ Somewhat Agree
- ☐ Slightly Agree
- ☐ Not Applicable

10. Q.7 The activity highlighted the impact of societal and environmental aspects in providing sustainable solutions to engineering problems \*

*Check all that apply.*

- ☐ Extremely agree
- ☐ Moderately Agree
- ☐ Somewhat Agree
- ☐ Slightly Agree
- ☐ Not Applicable

11. Q.8 The Activity is useful in developing professional ethics and responsibilities \*

*Check all that apply.*

- ☐ Extremely agree
- ☐ Moderately Agree
- ☐ Somewhat Agree
- ☐ Slightly Agree
- ☐ Not Applicable



12. Q.9 The activity developed skill to work effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings \*

*Check all that apply.*

- ☐ Extremely agree
- ☐ Moderately Agree
- ☐ Somewhat Agree
- ☐ Slightly Agree
- ☐ Not Applicable

13. Q.10 The activity developed skill of communication/ effective reports writing and design documentation to address engineering community and society at large \*

*Check all that apply.*

- ☐ Extremely agree
- ☐ Moderately Agree
- ☐ Somewhat Agree
- ☐ Slightly Agree
- ☐ Not Applicable

14. Q.11 Activity is useful to understand the engineering and management principles \*

*Check all that apply.*

- ☐ Extremely agree
- ☐ Moderately Agree
- ☐ Somewhat Agree
- ☐ Slightly Agree
- ☐ Not Applicable

15. Q.12 The Activity developed the ability to engage in independent and life-long learning in the broadest context of technological change. \*

*Check all that apply.*

- ☐ Extremely agree
- ☐ Moderately Agree
- ☐ Somewhat Agree
- ☐ Slightly Agree
- ☐ Not Applicable

16. Q.13 The activity is useful to Identify, formulate and analyze real-life Robotics and Automation engineering problems by applying the principles of robot operating Systems/programing/ interdisciplinary/ allied engineering \*

*Check all that apply.*

- ☐ Extremely agree
- ☐ Moderately Agree
- ☐ Somewhat Agree
- ☐ Slightly Agree
- ☐ Not Applicable

17. Q.14 The activity is helpful to select and apply appropriate materials and methods to develop solutions to Robotics and Automation engineering problems \*

*Check all that apply.*

- ☐ Extremely agree
- ☐ Moderately Agree
- ☐ Somewhat Agree
- ☐ Slightly Agree
- ☐ Not Applicable

18. Q.15 The activity is helpful to select and apply appropriate Robotic and Automation technologies and tools, and develop competencies for working in Robotics and allied industries \*

*Check all that apply.*

- ☐ Extremely agree
- ☐ Moderately Agree
- ☐ Somewhat Agree
- ☐ Slightly Agree
- ☐ Not Applicable

19. Q.16 The activity provided knowledge, skills and hands-on experiences to work professionally in Robotics and related systems \*

*Check all that apply.*

- ☐ Extremely agree
- ☐ Moderately Agree
- ☐ Somewhat Agree
- ☐ Slightly Agree
- ☐ Not Applicable

20. Q.17 How would you rate the content of the Visit? \*

*Check all that apply.*

- ☐ Excellent
- ☐ Very Good
- ☐ Good
- ☐ Fair
- ☐ Poor



21. Q.18 Do you think the content of the Visit added to your knowledge? \*

*Check all that apply.*

- ☐ Yes  
☐ No  
☐ May be

22. Q. 19 Any Suggestions for improvement:

---

---

---

---

---

---

This content is neither created nor endorsed by Google.

Google Forms





**ZEAL EDUCATION SOCIETY'S  
ZEAL COLLEGE OF ENGINEERING AND RESEARCH  
NARHE | PUNE -41 | INDIA**



Record No.: ACAD/R/

Revision: 00

Date: 01/04/2021

**Industrial Visit Feedback Analysis**

Department: Robotics & Automation Engineering

Academic Year: 2021-2022

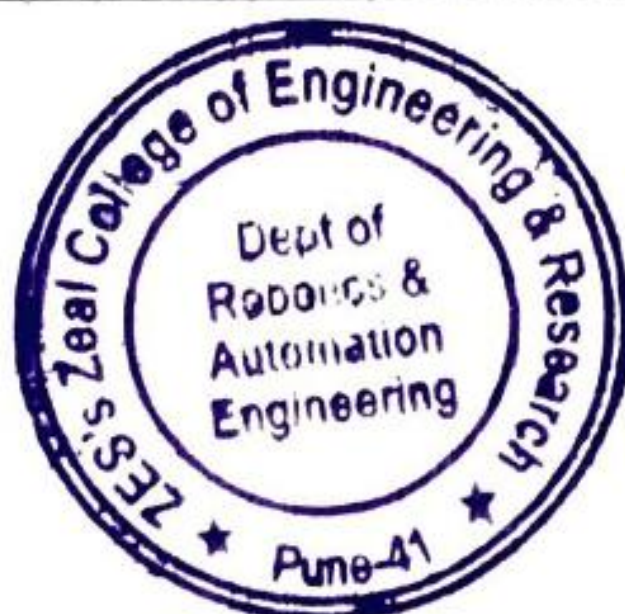
Semester: II

Date: 04.05.2022

Name of Industry: iTech Robotics & Automation System Pvt., Ltd., Chakan, Pune.

Sr. No.	Attribute	No. of responses	Marks	
			Obtained	%
1	The activity is useful to apply Engineering fundamentals to provide the solution of complex engineering problems	27	131	97.04
2	The activity is useful to Identify, formulate and analyze the complex engineering problems		131	97.04
3	The activity is useful to provide solutions to public health and safety, and the cultural, societal, and environmental issues.		126	93.33
4	The activity have provided scientific approach to Conduct investigations of complex problems		129	95.56
5	The activity have provided importance of modern tool usage to provide the solution of complex engineering problems		133	98.52
6	The activity highlighted responsibility of engineers towards societal, health, safety, legal and cultural issues		132	97.78
7	The activity highlighted the impact of societal and environmental aspects in providing sustainable solutions to engineering problems		129	95.56
8	The Activity is useful in developing professional ethics and responsibilities		131	97.04
9	The activity developed skill to work effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings		129	95.56
10	The activity developed skill of communication/ effective reports writing and design documentation to address engineering community and society at large		127	94.07
11	Activity is useful to understand the engineering and management principles		128	94.81
12	The Activity developed the ability to engage in independent and life-long learning in the broadest context of technological change.		129	95.56
13	The activity is useful to Identify, formulate and analyze real-life Robotics and Automation engineering problems by applying the principles of robot operating Systems/programing/ interdisciplinary/ allied engineering		133	98.52
14	The activity is helpful to select and apply appropriate materials and methods to develop solutions to Robotics and Automation engineering problems		131	97.04
15	The activity is helpful to select and apply appropriate Robotic and Automation technologies and tools, and develop competencies for working in Robotics and allied industries		132	97.78
16	The activity provided knowledge, skills and hands-on experiences to work professionally in Robotics and related systems		129	95.56
17	How would you rate the content of the Visit?		132	97.78
18	Do you think the content of the Visit added to your knowledge?		134	99.26

Feedback Coordinator



H.O.D.

**Head of Department**  
Dept. of Robotics & Automation Engg.  
ZES's Zeal College of  
Engineering & Research  
Narhe, Pune-411041



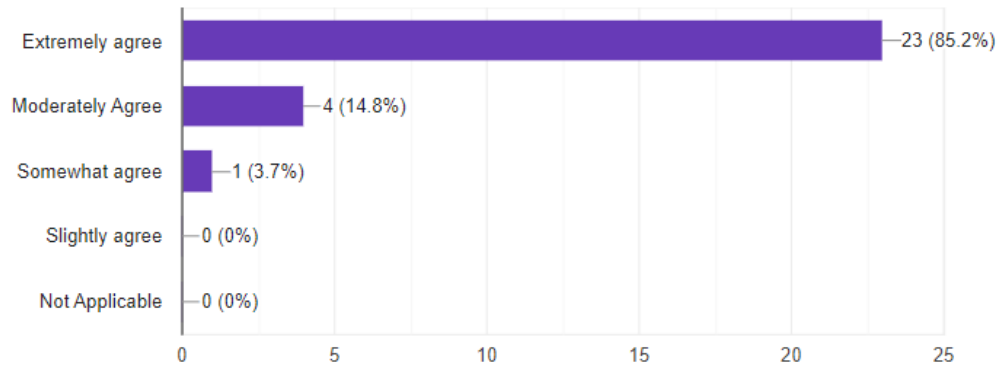
## Students Feedback for Industrial Visit at PARC Robotics and iTech Robotics and Automation, Chakan.

Date\_04.05.2022

Q.1 The activity is useful to apply Engineering fundamentals to provide the solution of complex engineering problems

 Copy

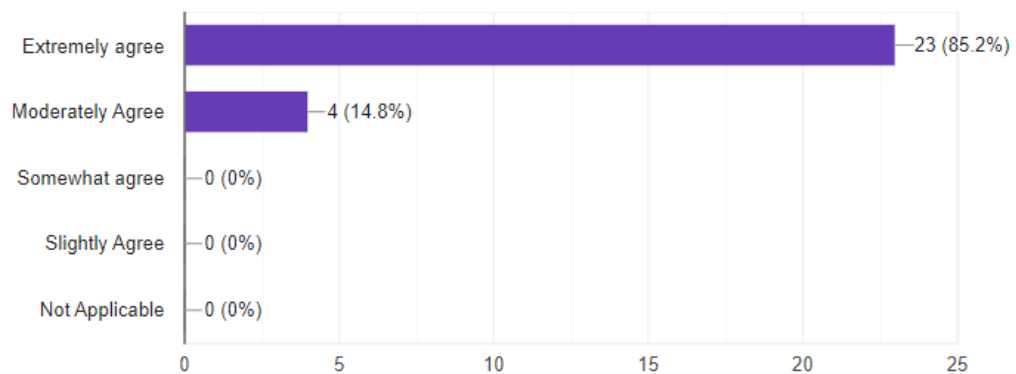
27 responses



Q.2 The activity is useful to Identify, formulate and analyze the complex engineering problems

 Copy

27 responses

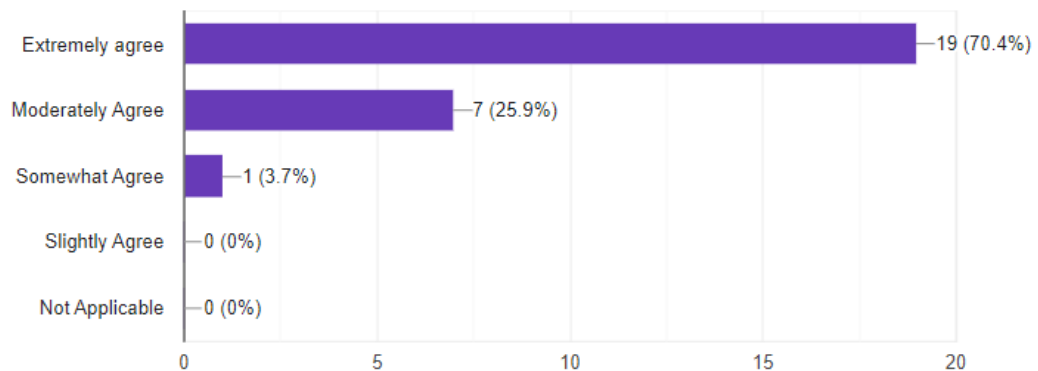




Q. 3 The activity is useful to provide solutions to public health and safety, and the cultural, societal, and environmental issues.

 Copy

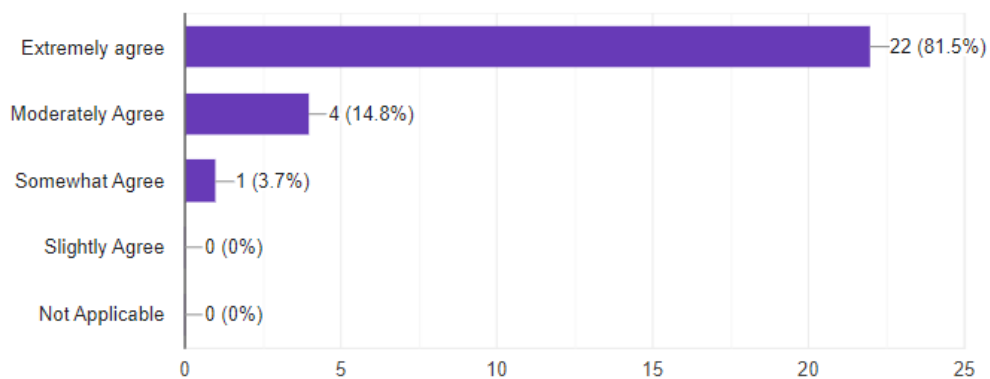
27 responses



Q.4 The activity have provided scientific approach to Conduct investigations of complex problems

 Copy

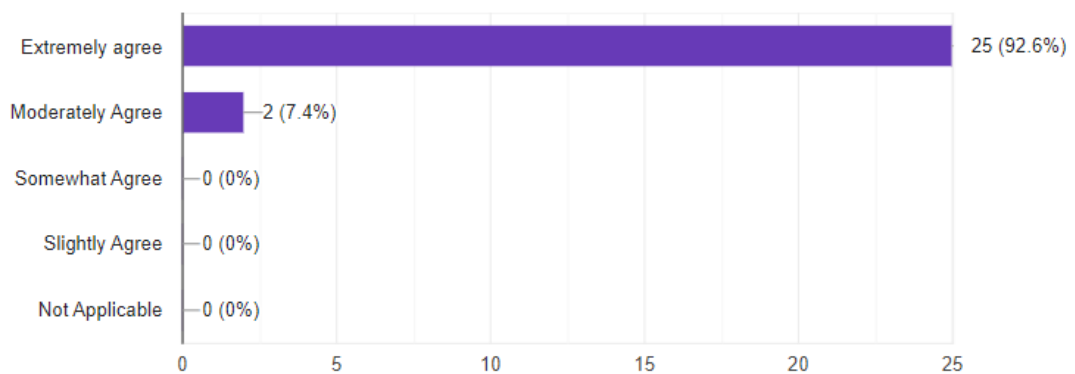
27 responses



Q.5 The activity have provided importance of modern tool usage to provide the solution of complex engineering problems

 Copy

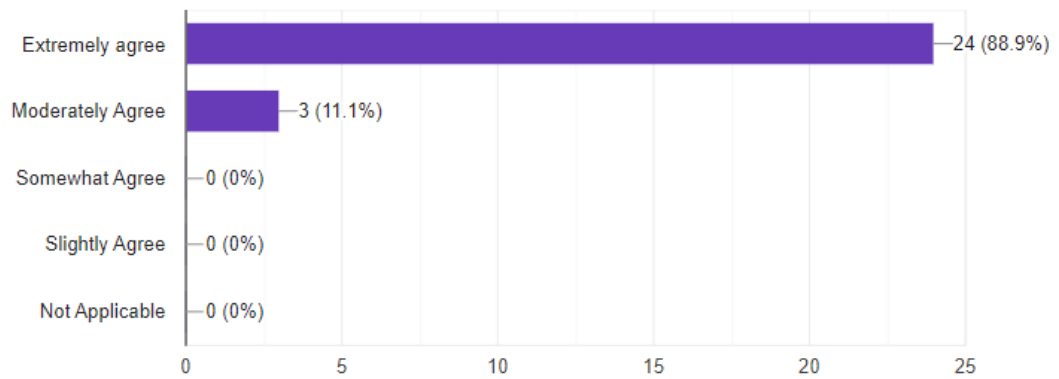
27 responses



Q.6 The activity highlighted responsibility of engineers towards societal, health, safety, legal and cultural issues

 Copy

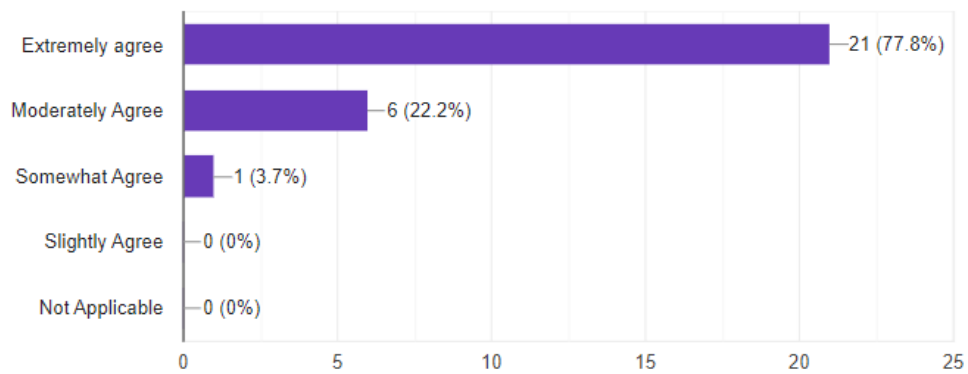
27 responses



Q.7 The activity highlighted the impact of societal and environmental aspects in providing sustainable solutions to engineering problems

 Copy

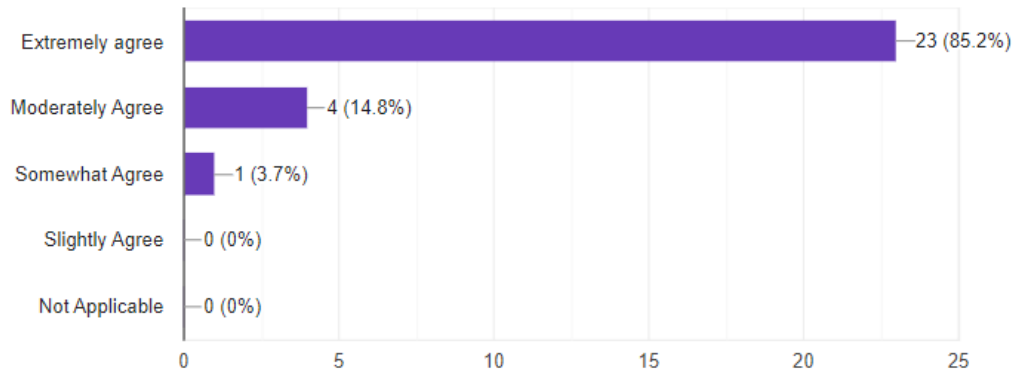
27 responses



Q.8 The Activity is useful in developing professional ethics and responsibilities

 Copy

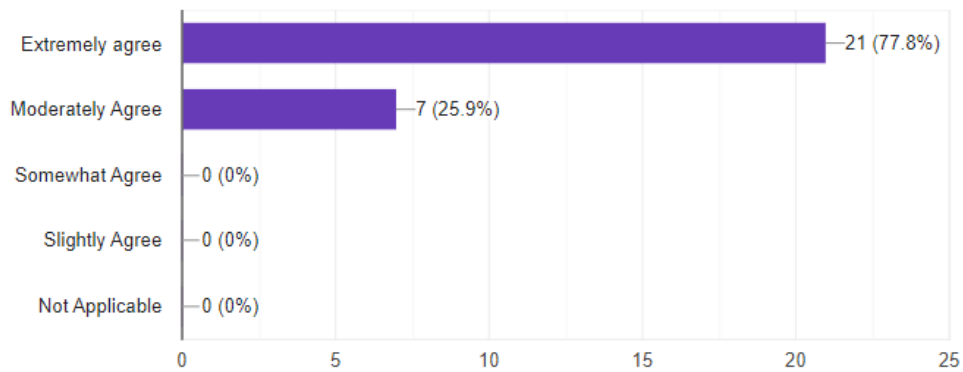
27 responses



Q.9 The activity developed skill to work effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings

 Copy

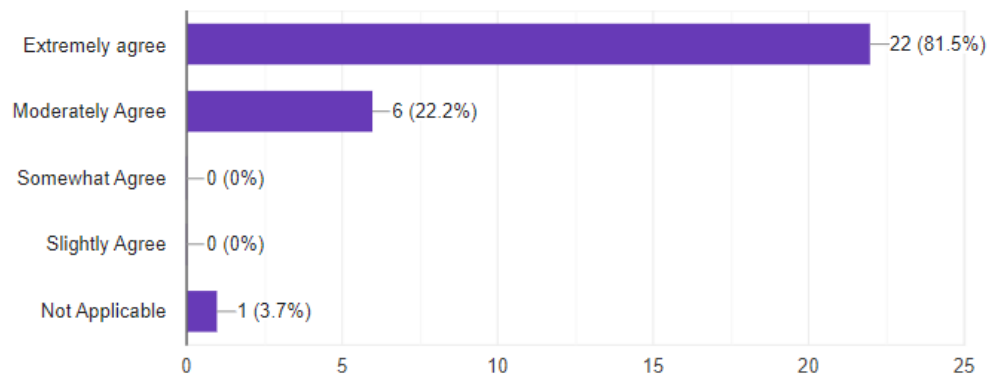
27 responses



Q.10 The activity developed skill of communication/ effective reports writing and design documentation to address engineering community and society at large

 Copy

27 responses

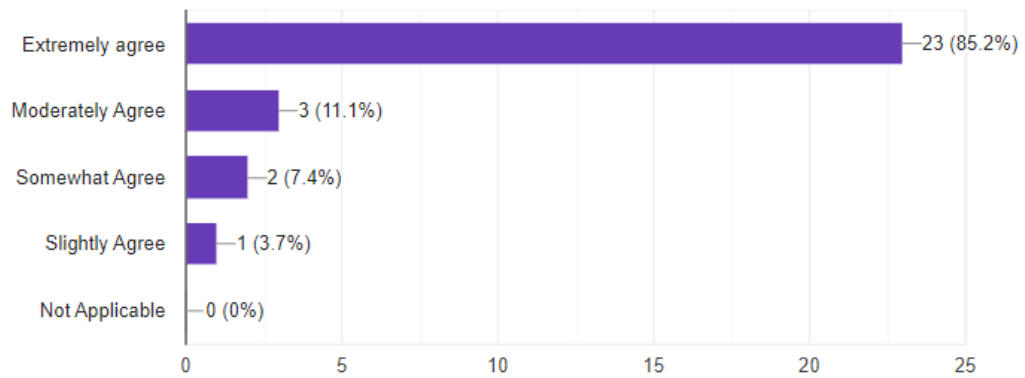




Q.11 Activity is useful to understand the engineering and management principles



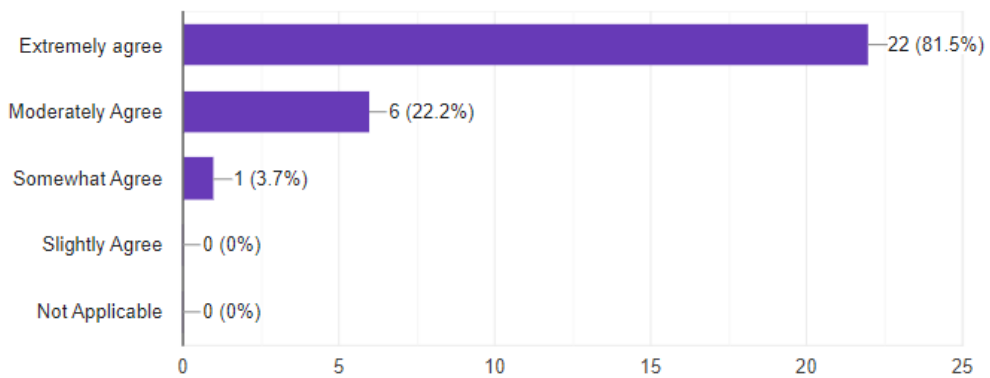
27 responses



Q.12 The Activity developed the ability to engage in independent and life-long learning in the broadest context of technological change.



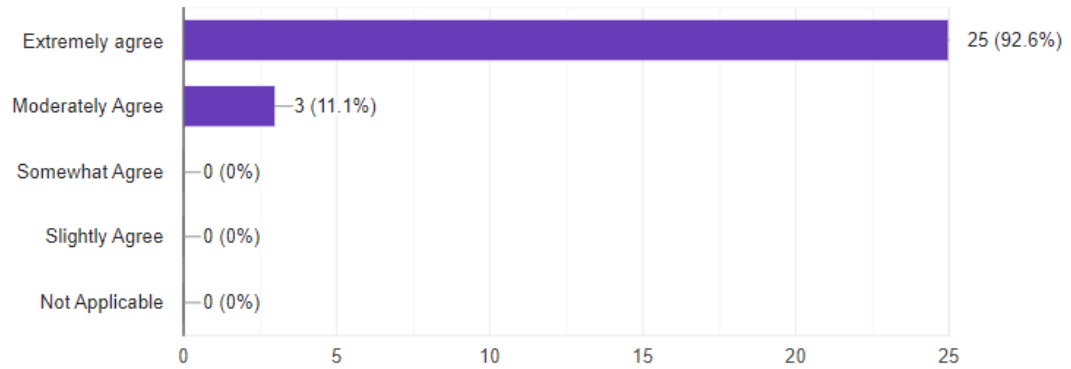
27 responses



Q.13 The activity is useful to Identify, formulate and analyze real-life Robotics and Automation engineering problems by applying the principles of robot operating Systems/programing/ interdisciplinary/ allied engineering

Rectangular Copy

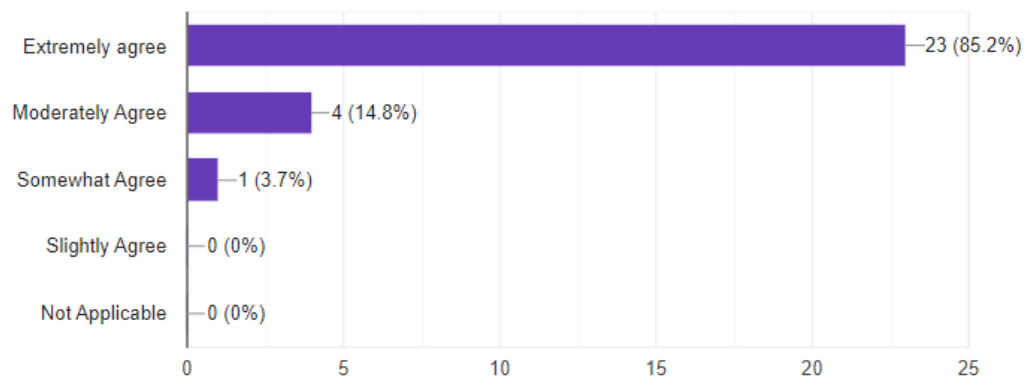
27 responses



Q.14 The activity is helpful to select and apply appropriate materials and methods to develop solutions to Robotics and Automation engineering problems

Rectangular Copy

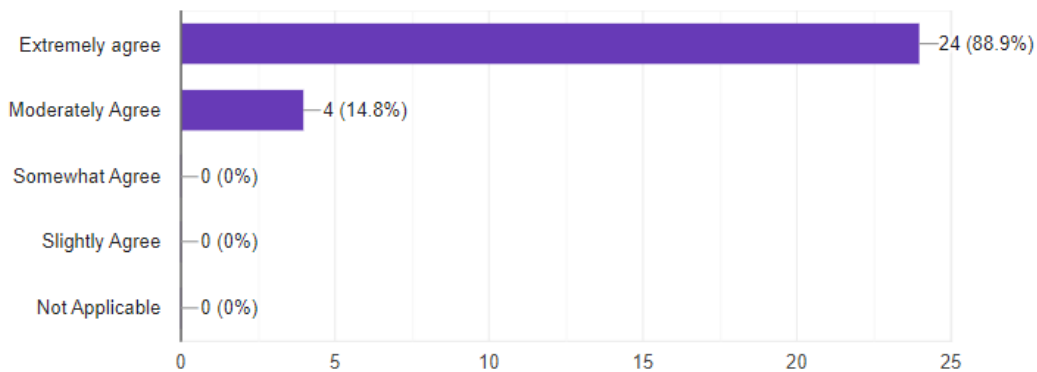
27 responses



Q.15 The activity is helpful to select and apply appropriate Robotic and Automation technologies and tools, and develop competencies for working in Robotics and allied industries

 Copy

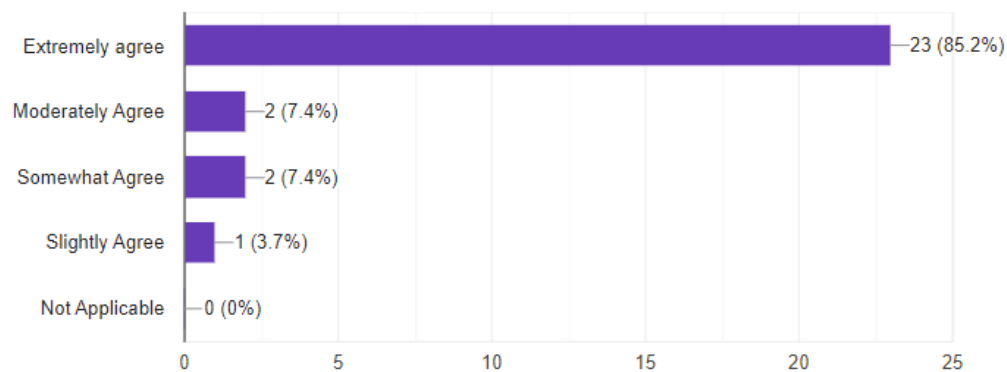
27 responses



Q.16 The activity provided knowledge, skills and hands-on experiences to work professionally in Robotics and related systems

 Copy

27 responses

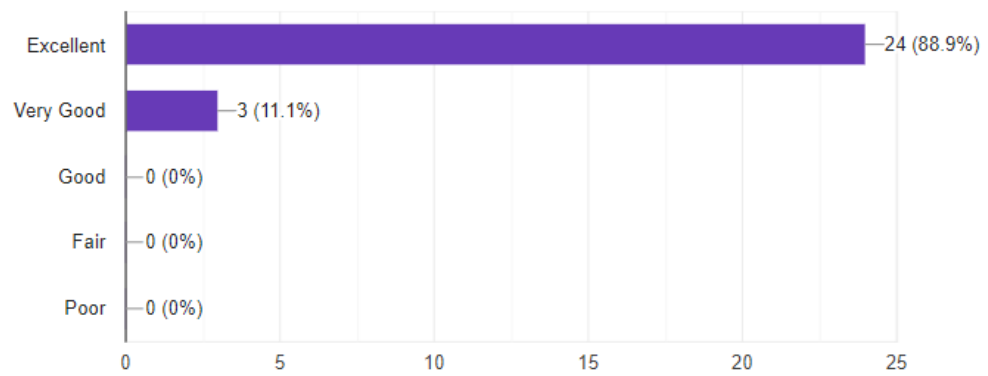




Q.17 How would you rate the content of the Visit?

 Copy

27 responses



Q.18 Do you think the content of the Visit added to your knowledge?

 Copy

27 responses

