



# 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 “Enhancement of Productivity Through Automation and Robotics”- 2023

NAME OF THE DEPARTMENT: Department of Robotics and Automation

1. Type Event : Career Guidance program on “**Enhancement of Productivity Through Automation and Robotics**”

2. Chief Guest : Mr. Rajashekara H V  
Advisor and Head  
IMTMA Design Institute (BIEC)

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

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

4. Dates of the programme : 19<sup>th</sup> December 2023

5. Students attended : All Semester students of R&A Department

8. Outcome of the programme:

Students gained information about the following:

- Introduction to Automation and Types
- Need of Automation
- Introduction to Industrial Automation
- Advantages of Industrial Automation
- Building blocks of Industrial Automation
- Case study - Productivity enhancement
- Robotics
- Industry 4.0

**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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Department of Robotics and Automation



## RAJARAJESWARI COLLEGE OF ENGINEERING

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 560 074.  

Department of Robotics & Automation Engineering

*The Management, Staff Cordially invites all for the Inauguration of the*

### Department of Robotics and Automation Engineering Association & Career Guidance Programme on Enhancement of Productivity Automation and Robotics



**Chief Patron**  
**Dr. A.C. Shanmugam**  
B.A., LLB, FIMSA, FRCPS (Glasgow, UK)  
Chairman  
RajaRajeswari Group of Institutions



**Chief Guest**  
**Mr. Rajashekara H V**  
Advisor and Head  
IMTMA Design Institute, Bengaluru



**Co-Patron**  
**Sri. A.C.S Arun Kumar**  
B.Tech (Hons), ENGINE, MMT, (UK), EMCSL,  
MVEE, MCS, MISTE, Beng (India)  
Vice - Chairman  
RajaRajeswari Group of Institutions

**Date: 19<sup>th</sup> December, 2023(Tuesday) Time: 9.30 AM to 4.00 PM Venue: Dr.A.P.J.Abdul Kalam Hall**

<b>Dr. S. Vijayanand</b> , M.Tech, Ph.D Executive Director, RRG1	<b>Sri. C.N Seetharam</b> , IAS (Retd.) Chief Executive Officer, RRG1	<b>Dr. S. Jeyabalan</b> , M.Tech, Ph.D Special Officer, RRG1			
<b>Dr. Balakrishna R</b> Principal, RRCE	<b>Dr. A.K. Mariappan</b> Rector, RRCE	<b>Dr. Amulharaj J</b> Vice-Principal, RRCE	<b>Dr.S.Usha</b> Dean - R & D, RRCE	<b>Dr.C.Ramesh</b> HOD - Mech, RRCE	<b>Dr.M.Karhikeyan</b> HOD, R&A, RRCE

## Banner

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Ms. Spoorthi, 2<sup>nd</sup> year R&A rendered the prayer song



Principal Dr. R Balakrishna honoured the Chief Guest Mr. Rajashekara H V

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Department of Robotics and Automation



Faculty Members are seated in the Conference hall



Chief Guest lighting up the lamp & inaugurated the Association.

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Principal Dr. R Balakrishna honoured the Chief Guest Mr. Rajashekara H V



Chief Guest Mr. Rajashekara H V address the Career Guidance program

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Group photo with the Chief Guest



Moment during the Visit of Chief Guest to the Robotics & Automation Lab

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Department of Robotics and Automation



Group photo with the Chief Guest

-Report prepared by Dr.M.Karthikeyan, HOD-R&A  
- Prof.Radhakrishna R K, Dept of ME  
Mrs. Chetana B R, Instructor of R&A

  
Professor & Head  
Dept. of Robotics and Automation Engg  
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## Department of Robotics and Automation

1. Type of Event : Guest Lecture- Career Guidance
2. Resource Person : Mr.Rajashekara H V, Advisor and Head  
IMTMA Design Institute (BIEC)
3. Topic : Enhancement of Productivity Through  
Automation and Robotics
4. Date of the programme : Tuesday, 19<sup>th</sup> December 2023

Sl No	USN	Name of the Students	Sign
1	1RR21RA/001	ASBIN DONY A	A
2	1RR21RA002	BALASARAVANA S	B
3	1RR21RA003	BHUMIKA H S	Bhumika H S
4	1RR21RA004	CHARANKUMAR K R	Ch
5	1RR21RA005	DEVARAJU	AB
6	1RR21RA006	HAFSA FATHIMA	H
7	1RR21RA007	HARSHA A V	H
8	1RR21RA008	HEMANTH K	Hemant K
9	1RR21RA009	JEEVIKA D K	Jeevika
10	1RR21RA010	KEERTHI M R	AB
11	1RR21RA011	LOHITH M R	Lohith
12	1RR21RA012	MOHAMMED HAROON K	M
13	1RR21RA013	MOHAN L	Mohan
14	1RR21RA014	MOHAN M K	Mohan
15	1RR21RA015	NAVEEN KUMAR S N	Naveen Kumar
16	1RR21RA016	NISANKA MANSI C	Nisanka
17	1RR21RA017	NITHASHREE L	Nithashree
18	1RR21RA018	NITHYA B	Nithya B
19	1RR21RA019	SAMVRUDH N	Samvrudh
20	1RR21RA020	SUHAS S VASISHTA	Suhas
21	1RR21RA021	TRISIT PAUL	Trisit
22	1RR21RA022	VIHA TRUPTHI S PANDIT	Viha
23	1RR21RA400	NITHIN K	AB
24	1RR21RA401	VENUGOPAL P	Venugopal
25	1RR21RA402	VITTHESH R R	Vitthesh

*M. Rajashekara H V*  
19/12/23  
Professor & Head  
HOD-R&A  
Dept. of Robotics and Automation Engg  
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1	1RR22RA001	ABHISHEK	AB
2	1RR22RA002	AKARSH KASHYAP	AKK
3	1RR22RA003	AKSHAYE KANNA	Akshaye Kanna
4	1RR22RA004	BHUVANESHWARI	AB
5	1RR22RA005	CHARAN GOWDA	CG
6	1RR22RA006	DHANUSH H	AB
7	1RR22RA007	GNANASHREE N V	Gnanashree N V
8	1RR22RA008	HEMANTH P	HP
9	1RR22RA009	INDRESH A	IA
10	1RR22RA010	JAFFER A	JA
11	1RR22RA011	KANISHK J	Kanishk J
12	1RR22RA012	KUMARSWAMY K	Kumar swamy kp. J
13	1RR22RA013	LIKITH K	Likith
14	1RR22RA014	LIKITH M R	LMR
15	1RR22RA015	MOUNESH R	AB
16	1RR22RA016	PRAJWAL NOOLA	PN
17	1RR22RA017	PREM KUMAR G	Prem Kumar G
18	1RR22RA018	RANJITHA P	RP
19	1RR22RA019	ROHITH V GOWDA	AB
20	1RR22RA020	S R NISHWATH	SRN
21	1RR22RA021	SAKSHI	Sakshi S
22	1RR22RA022	SHASHANK N S	Shashank N S
23	1RR22RA023	SHREYAS S RAI	Shreyas S Rai
24	1RR22RA024	SHRIHAARIKA K	Shrihaarika K
25	1RR22RA025	SOUJANYA	Soujanya
26	1RR22RA026	SPOORTHI	Spoorthi
27	1RR22RA027	SUJAL B	Sujal B
28	1RR22RA028	TANZEEM	Tanzeem
29	1RR22RA029	UDAY L D	Uday L D
30	1RR22RA030	VISHAL	Vishal



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31	1RR22RA031	YUVARAJ S	Yuvraj. S
32		ANUSH K M	ANUSH
33		GOWRI T R	Gowri
34		SHASHANK H M	SHASHANK

M. L. HODRA  
HOD R&A 19/12/23

Professor & Head  
of Robotics and Automation Engg  
Rajeswari College of Engineering  
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1.	1RR23F118	Akanksha Singh	Akanksha
2.	1RR23F701	Akash Kumar	AK
3.	1RR23F104	Akshaya P	Akshaya
4.	1RR23F351	Appu M	Appu
5.	1RR23F646	Arjun S	AS
6.	1RR23F730	Asha Shivaraddi Mulimani	Asha
7.	1RR23F653	Balaji A	Balaji
8.	1RR23F513	Bhagyashree Simhadri Srinivasalu Naidu	Bh
9.	1RR23F668	Bhargavi J	Bh
10.	1RR23F705	Bhavana M	Bhavana
11.	1RR23F507	Bhoomika P Saraganachari	Bhoomika
12.	1RR23F709	Darshan S	Darshan
13.	1RR23F722	Deekshitha C S	Deekshitha
14.	1RR23F350	Ektha	Ektha
15.	1RR23F704	Eshwar Sai K	Eshwar
16.	1RR23F696	Harindranath N A	AS
17.	1RR23F637	K Keerthi Raj	Keerthi
18.	1RR23F616	Kavya M K	Kavya
19.	1RR23F534	Keerthana S	KS
20.	1RR23F484	Krishna Murari	Krishna
21.	1RR23F445	Mohith K S	Mohith
22.	1RR23F003	Muthukrishnan V	Muthukrishnan
23.	1RR23F554	Navaneetha G N	AS
24.	1RR23F561	Neyna Sunil	Neyna
25.	1RR23F736	Niyamath Ulla	Niyamath



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5.	1RR23F646	Arjun S	AB
6.	1RR23F730	Asha Shivaraddi Mulimani	
7.	1RR23F653	Balaji A	Balaji
8.	1RR23F513	Bhagyashree Simhadri Srinivasalu Naidu	Bh
9.	1RR23F668	Bhargavi J	
10.	1RR23F705	Bhavana M	
11.	1RR23F507	Bhoomika P Saraganachari	
12.	1RR23F709	Darshan S	
13.	1RR23F722	Deekshitha C S	
14.	1RR23F350	Ektha	Ektha
15.	1RR23F704	Eshwar Sai K	
16.	1RR23F696	Harindranath N A	AB
17.	1RR23F637	K Keerthi Raj	
18.	1RR23F616	Kavya M K	
19.	1RR23F534	Keerthana S	
20.	1RR23F484	Krishna Murari	
21.	1RR23F445	Mohith K S	
22.	1RR23F003	Muthukrishnan V	
23.	1RR23F554	Navaneetha G N	AB
24.	1RR23F561	Neyna Sunil	
25.	1RR23F736	Niyamath Ulla	



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

*M. S. M. S.*  
19/11/23  
Professor & Head

Dept. of Robotics and Automation  
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