



# RajaRajeswari College of Engineering



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

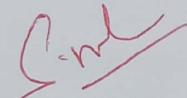
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## Department of Computer Science Engineering

Date: 10 Oct 2022

### Circular

It is informed to all students that, planning to conduct a student skill development program on "Python for Test Automation" is scheduled from 2<sup>nd</sup> to 18<sup>th</sup> November 2022 for creating awareness to develop the student's technical skills. Those who are interested can register with Dr. D.Kirubha, Associate Professor, Dept. of CSE on or before 25.10.2022.

  
**HOD-CSE**

Professor, Department of Engineering  
**RAJARAJESWARI COLLEGE OF ENGINEERING**  
BENGALURU - 560 074.

  
**Principal**

Principal  
**RAJARAJESWARI**  
**COLLEGE OF ENGINEERING**  
Ramohalli Cross, Bengaluru-74





Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

**Department of Computer Science Engineering**

12 Days Student Development Programme on "Python for Test Automation"

Date: 01/11/2022

To,

The Principal,  
RajaRajeswari College of Engineering,  
Bengaluru

**Chief Patrons**

Sri. A. C. Shanmugam  
Chairman,

RajaRajeswari Group of Institutions,  
Bengaluru

Sri. A. C. S. Arun Kumar

Vice-Chairman,

RajaRajeswari Group of Institutions,  
Bengaluru.

**Patrons**

Sri. Vijayanand. S

Executive Director, RajaRajeswari  
Group of Institutions.

Sri. S. Jeyabalan

Special Officer, RajaRajeswari Group  
of Institutions.

**Principal**

Dr. Chandrashekar T

RajaRajeswari College of Engineering

**Organizing Secretary**

Dr. S.Usha

Head, Dept. of CSE

**Faculty Co-ordinators**

Dr. D.Kirubha, Asso.Prof, Dept.of CSE

Mrs.Vani Badiger, AP, Dept.of ECE

Dear Sir/Madam,

**Sub: Invitation for 12 Days Student Development Programme on  
"Python for Test Automation"**

We are pleased to inform you that the Department of Computer Science Engineering of this Institution is organizing 12 Days Student Development Programme on "Python for Test Automation" from 2<sup>nd</sup> to 18<sup>th</sup> November 2022. On behalf of RajaRajeswari College of Engineering, it is our pleasure to invite you to the programme.

We thank you for your support and encouragement for the activity organized by the Department of Computer Science Engineering. We request you to grace this occasion. The Programme brochure is enclosed with this invitation for details of the program.

Thanking you.

Your's Sincerely,

Dr.S.Usha

Professor & Head, Computer Science of Engineering

RAJARAJESWARI COLLEGE OF ENGINEERING

BENGALURU - 560 074.

Principal  
RAJARAJESWARI  
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Ramohalli Cross, Bengaluru-74





# RajaRajeswari College of Engineering



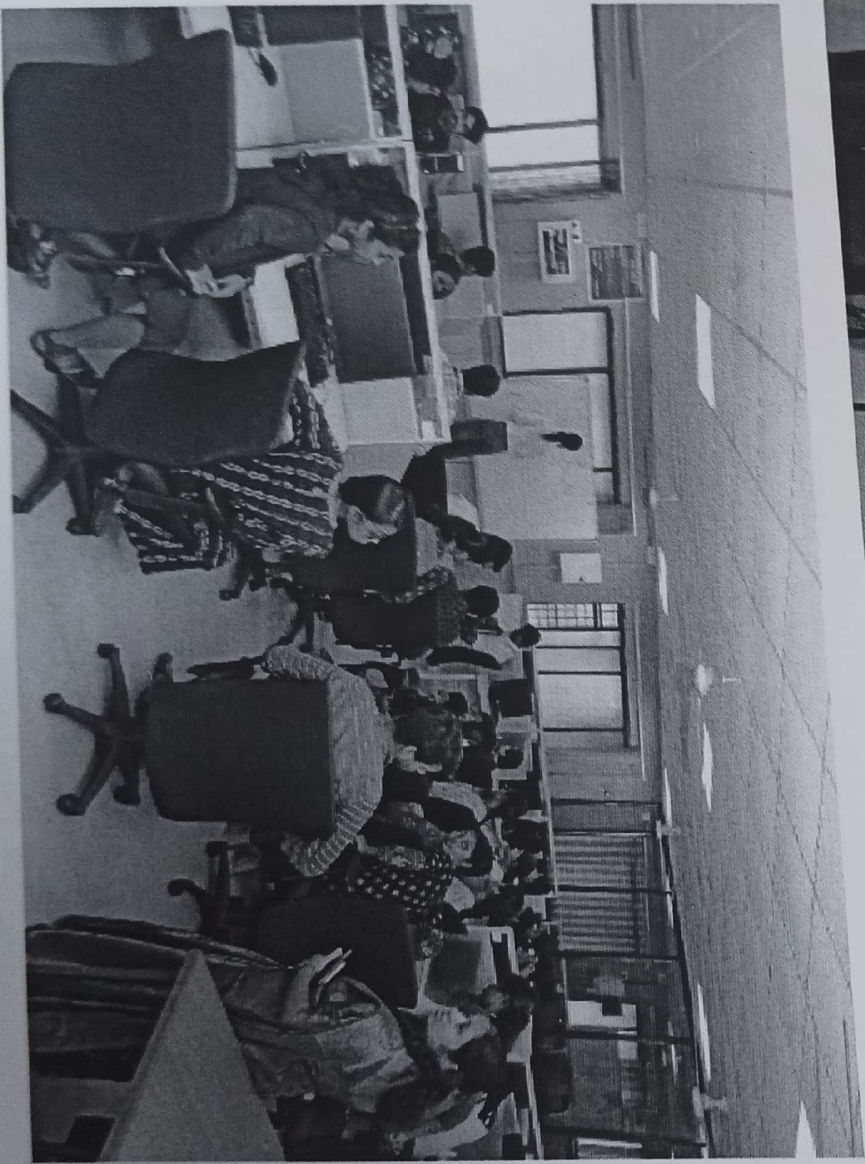
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## Department of Computer Science Engineering

Student Development Programme on “Python for Test Automation”

1. Title of Event: “Python for Test Automation”
2. Resource Person: Mr. Suresh Babu, Head- Corporate & Government Initiatives, ICT Academy, Simi Kalakamb, Senior Trainer – Training and Training Development ICT Academy
3. Program Duration: 02.11.2022 – 18.11.2022 (12 Days)
4. Inaugural Function: 11AM to 11:45AM (02.11.2022)
5. Venue: CSE Department Seminar Hall
6. Organizer: Dr. S Usha, Dean Research, HOD (CSE),  
Dr.D.Kirubha, Associate Professor/CSE associated with ICT Academy
7. Faculty Co-Ordinators: Mrs.Vani Badiger, AP/ECE
8. Target Participants: Final Year students - 35 (Selected Students)
9. Training Program Venue: CSE LAB
10. Topics covered:
  - ❖ Introduction to Python
  - ❖ Datatypes in Python
  - ❖ Operators in Python
  - ❖ Python Statements
  - ❖ Functions in Python
  - ❖ Object Oriented Programming
  - ❖ Modules and Packages
  - ❖ Compile time Error,Exceptions
  - ❖ Introduction of software testing
  - ❖ Introduction to Pytest
  - ❖ Writing Test Functions
  - ❖ Pytest Fixtures
  - ❖ Bultin Fixtures
  - ❖ Plugins
  - ❖ Markers and Parameterizatin
  - ❖ Configuration





*Prof. G. S. S.*

Professor & Head, Computer Science of Engineering  
**RAJARAJESWARI COLLEGE OF ENGINEERING**  
BENGALURU - 560 074.

*Rajas*

Principal  
**RAJARAJESWARI**  
**COLLEGE OF ENGINEERING**  
Ramohalli Cross, Bengaluru-74



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## Department of Computer Science Engineering

12 Days Student Development Programme on

“Python for Test Automation”

2<sup>nd</sup> to 18<sup>th</sup> November 2022

### Schedule

Session	Topics covered	Resource Person
DAY-1 02.11.2022	Inaugural Function Communication Skills, Effective Listening Skills	Simi Kalakamb, Senior Trainer – Training and Training Development
DAY-2 03.11.2022	Problem-Solving Skills, People Management	
DAY-3 04.11.2022	Campus 2 Corporate	
DAY-4 07.11.2022	Python, Datatypes	Prasanna Poornima, Senior Trainer – Training and Training Development
DAY-5 08.11.2022	I/O Basics, Operators in Python	
DAY-6 09.11.2022	Python Statements, Functions in Python.	
DAY-7 10.11.2022	OOPS Concept, Modules and Package	
DAY-8 14.11.2022	Error and Exceptions, S/W Testing	
DAY-9 15.11.2022	Introduction to Pytest, Writing Test Functions	
DAY-10 16.11.2022	Pytest Fixtures, Builtin Fixtures	
DAY-11 17.11.2022	Plugins, Markers	
DAY-12 18.11.2022	Parameterization, Configuration	

*Sml*  
Professor & Head, Computer Science of Engineering  
RAJARAJESWARI COLLEGE OF ENGINEERING  
BENGALURU - 560 074.

*PKA*  
Principal  
RAJARAJESWARI  
COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74

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## Department of Computer Science Engineering

### 12 Days Student Development Programme on "Python for Test Automation"

2<sup>nd</sup> to 18<sup>th</sup> November 2022

#### Students Name List

S.No	Name	Department
1	suhas b	EEE
2	Nivedha.D	EEE
3	Sree hari. K	EEE
4	Suvarna P.U	EEE
5	Akshatha D A	EEE
6	Rohan H	ISE
7	Ramya B	ISE
8	S.Indira priyadarshini	ISE
9	Darshini G	ISE
10	DEEKSHITHA M	ISE
11	AAKASHADHITHYA D K	CSE
12	ABHISHEK PANDEY	CSE
13	ANUSHA B AMARGATTI	CSE
14	ANUSHA V	CSE
15	GEETHASHREE R	CSE
16	KEERTHANA R	CSE
17	MOHAMMED ZUBAIR	CSE
18	KRUTHIKA S MURTHY	CSE
19	Kumar C	CSE
20	Prathiksha V	CSE
21	Sumaiya Nadeem	CSE
22	Tejas V	CSE
23	Syed Mansoor	CSE
24	Shafiya Ashuma A	CSE
25	Sahana B M	CSE
26	Chaitra A .	ECE
27	Harshitha B	ECE
28	KEERTHI B N	ECE
29	MANASA B G	ECE
30	PAVITHRA P	ECE
31	SUKRUTHI R GOWDA	ECE
32	Trikaleswar	ECE
33	VARUN RAJ C R	ECE
34	Divya Raghuram Prabhu	ECE
35	PRATHYUSHA H KUMAR	ECE

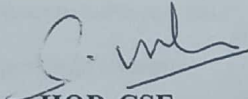


## Department of Computer Science Engineering

Date: 13/05/2023

### Circular

It is informed to all 3<sup>rd</sup> year students that, planning to conduct a student skill development programme on "Cyber Security Challenges and it's applications" is scheduled from 16<sup>th</sup> May 2023 to 20<sup>th</sup> May 2023 creating an awareness to develop the technical skills of the students. Those who are interested can register with V M Saravana Perumal, Asst. Professor, Dept. of CSE, Megha L, Asst. Professor, Dept. of CSE and Hemavathi J, Asst. Professor, Dept. of CSE on or before 13/05/2023.

  
HOD-CSE

Professor & Head, Computer Science of Engineering  
RAJARAJESWARI COLLEGE OF ENGINEERING  
BENGALURU - 560 074.

  
Principal

RAJARAJESWARI  
COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74





**RAJARAJESWAR COLLEGE OF ENGINEERING**

Ramohalli Cross, Kumbalgodu, Bangalore.

Ph.No:080-28437124,28437375 Fax:080-28437373

Department of Computer Science & Engineering  
(Accredited by NBA, NAAC)



**Chief Patrons:**

**Sri.A.C.Shanumugam**

(Chairman, RR Group of Institutions)

**Sri.A.C.S.Arunkumar**

(Vice Chairman, RR Group of Institutions)

**Patrons:**

**Dr.S.Vijayanand**

(Executive Director, RR Group of Institutions)

**Sri.S.Jeyabalan**

(Special Officer, RR Group of Institutions)

**Dr.R.Balakrishna**

(Principal, RRCE)

**Dr.J.Amutharaj**

(Professor & Vice Principal, RRCE)

**Organizing Secretary:**

**Dr.S Usha**

(HOD/CSE & Dean -R&I)

**Program Coordinator:**

**Mrs.Megha L**

(Asst. Professor-CSE)

**Mr.VM.Saravanaperumal**

(Asst.Professor-CSE)

**Mrs.Hemavathi J**

(Asst. Professor-CSE)

**Invitation**

**For**

**5 DAYS Student Development  
Program**

**on**

**“Cyber security**

**Challenges and**

**it's Applications ”**

**(16/05/2023 to 20/05/2023)**

**Venue: 5<sup>th</sup> Floor CSE  
SEMINAR HALL**

**Time:09:00am to 3:30 pm**



## Department of Computer Science and Engineering

### Report on Cybersecurity Challenges and its Applications

NAME OF THE DEPARTMENT: Computer Science and Engineering

1. Type of Event : **5 DAYS STUDENTS DEVELOPMENT PROGRAM**

2. Resource Person : Mr. Gajendra Deshpande  
Managing Director  
EyeSec Cyber Security Solution Pvt Ltd Belgaum.

4. Date of the programme : 16<sup>th</sup> – 20<sup>th</sup> May 2023

5. Faculty Co Ordinator : VM.SaravanaPerumal,  
Assistant Professor  
Department of Computer Science and Engineering  
RajaRajeswari College of Engineering  
Bengaluru 560074

Megha.L,  
Assistant Professor  
Department of Computer Science and Engineering  
RajaRajeswari College of Engineering  
Bengaluru 560074

Mrs.HemaVathi.J,  
Assistant Professor  
Department of Computer Science and Engineering  
RajaRajeswari College of Engineering  
Bengaluru 560074

6. Students attended: 6<sup>th</sup> Semester of Computer Science and Engineering

7. Outcome of the programme:

Students gained information about the following:

1. Protecting the Confidentiality of data
2. Preserving the Integrity of data
3. Restricting the Availability of data only to authorized users.
4. Pinning down potential threats.
5. Determining the method of security guards for each threat
6. Monitoring any breaching activities and managing data at rest and data in motion.

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#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 560074


Department of Computer Science and Engineering

## Invitation of the Cyber security Challenges and it's Applications




### RAJARAJESWARI COLLEGE OF ENGINEERING

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bangalore – 560 074  
Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi and Govt. Of Karnataka




*All are Welcome to*

## FIVE DAYS STUDENT DEVELOPMENT PROGRAM



Patron  
**DR. A. C. SHANMUGAM**  
B.A. LL.B., FIMSL, FICPS (Belagavi), UIU  
Chairman  
Rajarajeswari Group of Institutions, Bengaluru.




Co Patron  
**Sri. A. C. S. ARUN KUMAR**  
B.Tech (Dist), LMASIT, MIET, IJES, LMASL,  
Vice Chairman  
Rajarajeswari Group of Institutions, Bengaluru.

*Title:*

## CYBERSECURITY CHALLENGES AND IT'S APPLICATIONS

*Organized by:* Dept. of Computer Science & Engineering



Chief Guest  
**Mr. Gajendra Deshpandeh**  
Founder and Managing Director,  
Eyesec Cyber Security Solutions Private Limited

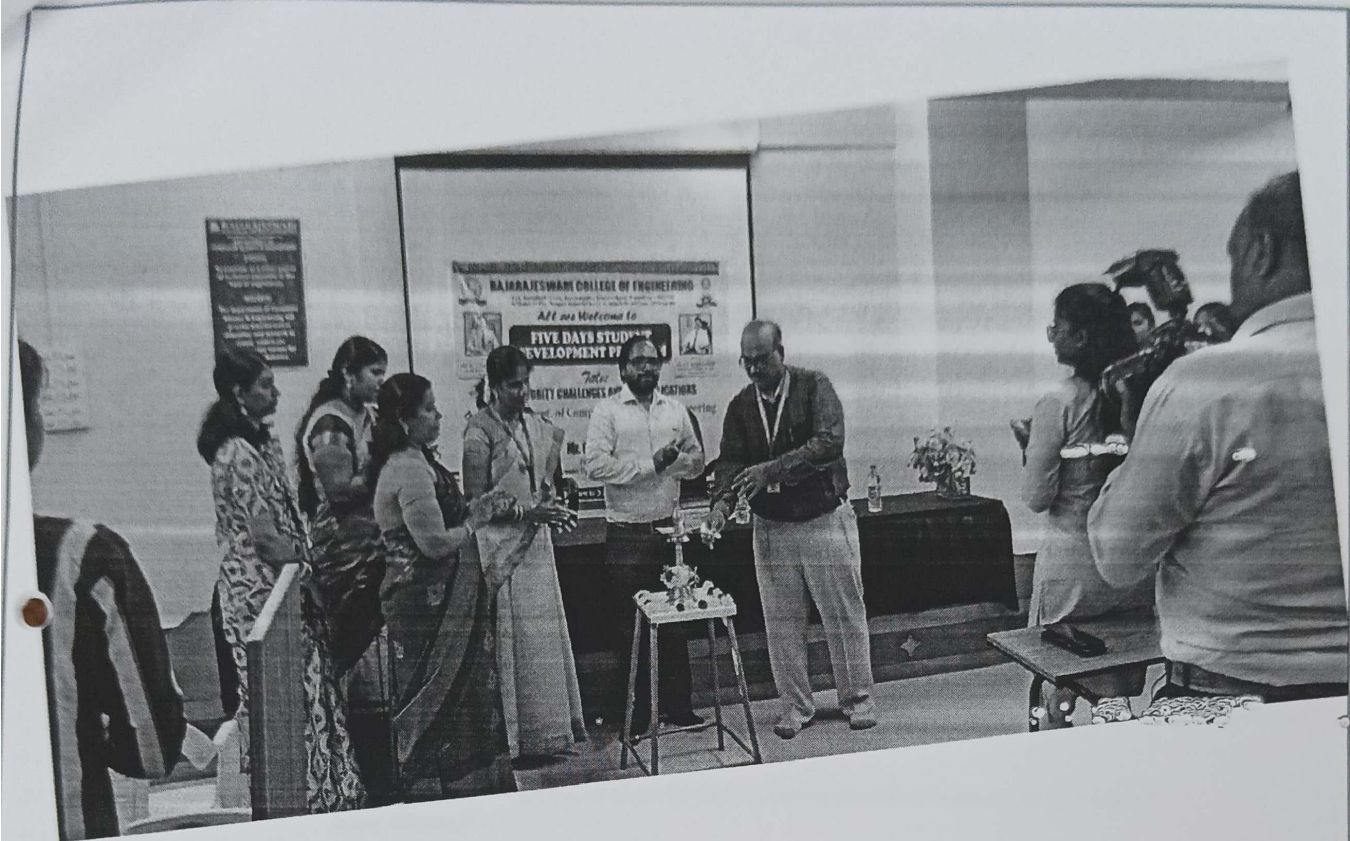
**Date: 16<sup>th</sup> - 20<sup>th</sup> May 2023 Time: 9:00 am to 3:30pm Venue: 5<sup>th</sup> Floor, CSE Seminar Hall**

### Schedules

Day 1	<p><b>Module 1</b> What is Cyber security? Essential Terminologies, OSI Reference model, Types of Cyber-attacks, Attack vectors, CIA Triad, Ethical Hacking Essentials, Stages of hacking, Types of Hacker, Cyber Laws and standards</p> <p><b>Module 2</b> Kali Linux Installation, Basics overview, with Kali Linux, Basic Linux commands, Directory commands, File commands, File access commands,</p> <p><b>Module 3</b> Tor Browser, Dark web, Deep web, surface web vs Dark web</p>
Day 2	<p><b>Module 4</b> IP address, Types of IP address, MAC address, Types of MAC address, VPN, VPN working, Proxy server, spoofing,</p> <p><b>Module 5</b> Information gathering, Types of information gathering, Footprinting and reconnaissance, outcome of footprinting, Familiarization of various informationgathering tools, Art of googling (Google advanced search operators)</p> <p><b>Module 6</b> Networking Basics, TCP and UDP, Important port numbers, network mapping,</p>
Day 3	<p><b>Module 7</b> Malware analysis and source code review</p> <p><b>Module 8</b> Types of website attacks, Website penetration testing, web application analysis, burp suite, OWASP top 10, OWASP ZAP</p> <p><b>Module 9</b> Information security middleware applications</p>
Day 4	<p><b>Module 10</b> Ransomwares, detection and prevention playbooks</p> <p><b>Module 11</b> Cryptography: breaking ciphers, computation over encrypted data</p> <p><b>Module 12</b> Windows and Linux system internals</p>
Day 5 (Online)	<p>Careers, Certification programs, Communities, Hackathon Problems, Table top exercises and Playbooks,</p>



## Students Development Program on Cyber security Challenges and it's Applications



# Gajendra Deshpande

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## Projects

Live Project: Learn Julia with Three Small Projects (2021)

Manning Publishers, USA

Role: Live Project Implementer and Reviewer

Inventing Curriculum using Pointer-Generator Network(2020)

Supported by Google Cloud under GCP Research Credits Program with a Grant of \$5000

Role: Principal Investigator

COVID-19 Research Information Analysis and QA System (2020)

Supported by Hub for Good Program, DigitalOcean, USA

Role: Principal Investigator

Platform to support SSLC and PUC Students in India (2020)

Supported by Hub for Good Program, DigitalOcean, USA

Role: Principal Investigator

Eyewriter

Funded by New Age Incubation Network, Government of Karnataka (2.6 lakhs)

Role: Mentor

Websites for KLS and its institutions, Belagavi (2020)

Contract of revamping 14 websites

Role: Project Manager

Website for KLS Gogte Institute of Technology, Belagavi (2015-Present)

Role: Website Designer and Administrator

Website for Belagavi Bar Association (2019-Present)

Role: Consultant

Websites for KLS and its institutions (2013)

Role: Single point of contact between KLS and DotCord IT Solutions

Websites for Gayatri Bhavan Belagavi, Raja Studio, Kids Dentist Bangalore, Sangram Kulkarni, Sestoauto.com

Role: freelancer

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## Experience

Founder and Managing Director (Since October 2021)

Eysec Cyber Security Solutions Private Limited

Co-Founder and Director (June 2015 –June 2017)

Sestoauto Networks Private Limited

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**Education**

Advanced Diploma in Cyber Security and Data Protection Laws (Pursuing)  
NALSAR University of Law, Hyderabad

Post Graduate Diploma in Cyber Law and Cyber Forensics [2020]  
National Law School of India University, Bangalore, India  
Dissertation: Legal Possibility of Regulation of Artificial Intelligence

M.Tech. in Computer Science and Engineering [2013]  
KLS Gogte Institute of Technology, Belagavi, India  
Dissertation: Modeling and Mitigation of XPath Injection Attacks for Web Services Using Modular Neural Networks

B.E. in Computer Science and Engineering (2008)  
KLS Gogte Institute of Technology, Belagavi, India  
Percentage: 65.90%

Diploma in Information Science (2004)  
KLS Shri Vasant Rao Potdar Polytechnic, Belagavi, India  
Percentage: 70.71% (4<sup>th</sup> Rank to Karnataka State)

**Certifications**

ISAC Cyber Crime Intervention Officer  
GitHub Certified Campus Advisor

**Technical Skills**

Python, Julia, LAMP Stack, WordPress

**Academic Alliance**

AWS Academy – Accredited Instructor and Central Point of Contact  
UiPath - Coordinator and Educator  
GitHub - Administrator and Campus Advisor  
Hack The Box – Central Point of Contact

**Workshop****Presentations**

1. 22-31, December-2021, "Basic Web Designing Workshop", Eyesec Cyber Security Solutions, Belagavi, Online
2. 16,17-December-2021, "Hands-on Workshop on Cyber Security", Angadi Institute of Technology and Management, Belagavi, India
3. 17-September-2021, "IndicNLP: Natural Language Processing for Indian Languages" at PyCon India 2021
4. 7-April-2021, "Applications of Python in Data Science", KLS IMER, Belagavi
5. 19-March-2021, "IndicNLP: Natural Language Processing for Indian Languages", FOSSASIA 2021, Virtual



6. 10-January-2021, "Python for Geo-Science: An Emerging Tool for Geo Scientists", organized by Geo-Alumni and Department of Studies in Geology, Karnatak University Dhardwad India, Online
7. 19-December-2020, "IndicNLP: Natural Language Processing for Indian Languages using Python", SciPy India 2020, IIT Bombay, Online
8. 21,22-July-2020, Resource person for two day online Faculty Development Program on "Introduction to Julia Language",
9. 7,8-May-2020, Resource person for four day workshop on "Introduction to Python Programming and its Applications in Climate Smart Agriculture", organized by ICAR-National Agricultural Higher Education Project (NAHEP), The Centre for Advanced Agricultural Science and Technology (CAAST), for Climate Smart Agriculture and Water Management (CSAWM) & The Rashtriya Krishi Vikas Yojana (RKVY) Project on Irrigation Water Requirement Advisory Service (IWRAS), Mahatma Phule Krishi Vidyapeeth (MPKV), Rahuri-413722, Ahmednagar (Maharashtra)
10. 27-February-2020, Resource person for one day workshop on "Web Programming using Perl", GSS College, Belagavi
11. 3-October-2019, Resource person for one day workshop, "Python Programming", GSS College, Belagavi
12. 24-January-2017, Resource person for one day workshop, "Network Programming", GSS College, Belagavi
13. 24-September-2013, Resource person for one day workshop, "Essence of Software Project Development Life Cycle", KLS GIT Belagavi
14. 8-January-2013, Resource person for Continuing Education Programme conducted for PWD employees on "Search Engines, Web Browsers and Social Networking" at KLS Gogte Institute of Technology, Belagavi
15. 31-March, 1-April-2012, Resource person for two-day workshop, "HTML5", KLS GIT, Belagavi
16. Resource person for one day workshop "Web Programming, IDE and Tools", KLS GIT, Belagavi
17. Resource person for GATE 2013 training programme, "Web Programming", KLS GIT, Belagavi
18. Resource person for one day workshop, "Web Hosting", KLS GIT Belagavi

**Conference Presentations**

Deshpande G., Kulkarni S. (2019) Modeling and Mitigation of XPath Injection Attacks for Web Services Using Modular Neural Networks. In: Sa P., Bakshi S., Hatzilygeroudis I., Sahoo M. (eds) Recent Findings in Intelligent Computing Techniques. Advances in Intelligent Systems and Computing, vol 707. Springer, Singapore. Presented at ICACNI 2017, National Institute of Technology, Goa, India

**Talk Presentations**

1. 7-January-2022, Blockchain and its applications in Engineering, IEEE ATEES Workshop, KLS Gogte Institute of Technology, India, Online

2. 27-January-2022, Security Considerations in Python Packaging" Python 2022 by Conf42.com, Online
3. 5,6-February-2022, Security Considerations in Python Packaging, PyCascades 2022, Online
4. 21-25-March-2022, Securing Django Applications, Python Web Conference 2022, Online
5. 11-December-2021, "Security Considerations in Python Packaging", Python Pizza Hamburg, Online
6. 04-December-2021, "Securing Django Applications", Pyjamas Conf 2021
7. 04-December-2021, "Security considerations in Python Packaging", Pyjamas Conf 2021
8. 04-December-2021, "Build Your First Cyber Forensic Application using Python", Pyjamas Conf 2021
9. 25-November-2021, "Python in Education for Generation Z", XtremePython 2021, Israel, Online
10. 20,21-November-2021, "Build Your First Cyber Forensic Application using Python", PyCon APAC 2021, Thailand Online
11. 13,14-November-2021, "Python in Education for Generation Z", FOSSCOMM 2021, University of Macedonia, Greece, Online
12. 13,14-November-2021, "Multilingual Natural Language Processing using Python", FOSSCOMM 2021, University of Macedonia, Greece, Online
13. 13,14-November-2021, "Build Your First Cyber Forensic Application using Python", FOSSCOMM 2021, University of Macedonia, Greece, Online
14. 13-November-2021, "Security considerations in Python Packaging", HoneyCON21, Spain, Online
15. 28-October-2021, "Multilingual Natural Language Processing using Python", AI DevWorld 2021 Online
16. 23-October-2021, "Securing Django Applications", DjangoCon US 2021, USA, Online
17. 22-October-2021, "Security Considerations in Python Packaging", PyCon SE 2021, Sweden
18. 15-October-2021, "Multilingual Natural Language Processing using Python", PyCon JP 2021, Japan
19. 09-October-2021, "Securing Django Applications", PyCon HK 2021, Hong Kong Online

20. 07-October-2021, "Build Your First Cyber Forensic Application using Python", PyCon ZA 2021, South Africa
21. 02-October-2021, "Build Your First Cyber Forensic Application using Python", PyCon TW 2021, Taiwan, Online
22. 02-October-2021, "Securing Django Applications", PyGotham TV 2021, USA, Online
23. 10-September-2021, "Time Series Forecasting Techniques in Python", PyCon AU 2021, Australia
24. 31-July-2021, "Python and FOSS in Education for Generation Z", COSCUP Taiwan
25. 28,29,30-July-2021, "Build Your First Cyber Forensic Application using Python", EuroPython 2021, Online
26. 28,29,30-July-2021, "Multilingual Natural Language Processing using Julia", JuliaCon 2021, Virtual
27. 3-July-2021, "Securing Django Applications", Django Congress Japan 2021, Online
28. 25,26-June-2021, "Python and FOSS in Education for Generation Z", esLibre 2021, Online
29. 29,30-June-2021, "Build your First Cyber Forensic Application using Python", Geekle's Cyber Security Global Summit 2021, online
30. 19-June-2021, "Multilingual Natural Language Processing using Python", PyCon Colombia 2021, Online
31. 18-June-2021, "Securing Django Applications", PyCon Namibia 2021, online
32. 04-June-2021, "Securing Django Applications", DjangoCon Europe 2021, Online
33. 27-05-2021, "Build your First Cyber Forensic Application using Python", Conf42 Python 2021, Online
34. 25-March-2021, "Roadmap to Become Data Analyst and Data Scientist", Acharya Institute of Technology, Bengaluru,
35. 6-7, February 2021, "Inventing Curriculum using Python and spaCy", FOSDEM 2021, Virtual
36. 30-January-2021, "IndicNLP: Natural Language Processing for Indian Languages", BeIPy 2021, Virtual
37. 18-January-2021, "How Companies are using Artificial Intelligence to Solve Problems", KLS IMER Belagavi, India
38. 20-December-2020, "Python and FOSS in Education for Generation Z", SciPy India 2020, IIT Bombay, Online

39. 15-December-2020, "Investigating Digital Crimes using Python", PyCon Tanzania 2020, Online
40. 12-December-2020, "Investigating Digital Crimes using Python", PyDay BCN 2020, Online
41. 6-December, 2020, "Python and FOSS in Education for Generation Z", PyConf Hyderabad 2020 - Virtual
42. 5-December-2020, "Investigating Digital Crimes using Python", Pyjamas 2020 Online
43. 19-November-2020, "Python and FOSS in Education for Generation Z", Geekle's python Universe WEB Edition Global Summit
44. 19-November-2020, "Investigating Digital Crimes using Python", Geekle's python Universe WEB Edition Global Summit
45. 15-November-2020, "Inventing Curriculum using Python and spaCy", PyData Global 2020 Online
46. 14-November-2020, "Python and FOSS in Education for Generation Z", PyCon Indonesia 2020 Online
47. 8-November-2020, "Investigating Digital Crimes in Smart Cities using Python", HoneyCon 2020 Online, Spain
48. 4,5-November-2020, "Be Safe on Cyber Space", KLS Gogte Institute of Technology, India Part-1 Part-2 Slides
49. 03-October-2020, "Investigating Digital Crimes using Python ", PyCon ES 2020 Pandemic Edition Slides
50. 26-September-2020, "Python and FOSS in Education for Generation Z", PyCon Korea 2020, online, Korea Slides
51. 19-September-2020, "Investigating Digital Crimes using Python", GirlScript Summit India 2020 Slides
52. 15-September-2020, "Building LinkedIn and GitHub Profiles for Better Career Opportunities", CSI Student Branch -GIT, Belagavi Slides
53. 05-September-2020, "Computation Techniques for Encrypted Data using Python", PyCon TW 2020, Taiwan Slides
54. 04-September-2020, "Deceptive Security using Python", PyCon AU 2020 Online, Australia Slides
55. 20-August-2020, "Julia: An Introduction to new age programming language" at Vidya Vardhak College of Engineering, MySuru, India
56. 07-August-2020, "Deceptive Security using Python", PyCon Africa 2020, online, Africa Slides

57. 06-August-2020, "Deceptive Security using Python", PiterPy online 2020, Russia Slides
58. 1-August-2020, "Deceptive Security using Python", Conference on Open Source Coders Users and Promoters - COSCUP 2020 online, Taiwan (Good quality local recording ) Slides
59. 1-August-2020, "Inventing Curriculum with Julia and Pointer-Generator Network", Conference on Open Source Coders Users and Promoters - COSCUP 2020 online, Taiwan (Good quality local recording ) Slides
60. 1-August-2020, "Julia Code Generator for Flowgorithm Flow Chart Interpreter", Conference on Open Source Coders Users and Promoters - COSCUP 2020 online, Taiwan (Good quality local recording Part 1 Part 2)
61. 30-July-2020, "Inventing Curriculum with Julia and Pointer-Generator Network", JuliaCon 2020 online, Portugal Slides
62. 24-July-2020, "Deceptive Security using Python", EuroPython 2020 Online, Ireland Slides
63. 24-July-2020, "What Makes a Website Look Professional", IEEE-GIT, India Slides
64. 12-June-2020, "Cyber Security: Technologies and Academic Opportunities", organized by Karnataka Science and Technology Academy, Department of Science and Technology, Government of Karnataka, India (Starts at 1:04:35) Slides
65. 10-May-2020, "Deceptive Security using Python", PyCon HK 2020, Hong Kong (Online)
66. 25-February-2020, "How to Make Contribution to Python Community", at Python Open Discussion Forum, organized jointly by PyData Belagavi and International Society for Automation Student Club, KLS GIT, Belagavi
67. 2-November-2019, "Computation Techniques for Encrypted Data", PyCon FR 2019, University of Bordeaux, France Slides
68. 20-September-2019, "Free and Open Source Software", Hirasugar Institute of Technology, Belagavi Slides
69. 22-December-2018, "Implementation of Multi Agent System for Computation over Cipher Text for Internet of Things", Scipy India 2018, Indian Institute of Technology, Bombay, India Slides
70. 8-August-2018, "Brain Computer Interface meets Internet of Things", JuliaCon 2018, University College, London, UK
71. 30-November-2017, "Implementation of Prevention of XPath Injection Attack using PyBRAIN Machine Learning Library", Scipy India 2017, Indian Institute of Technology, Bombay, India Slides
72. "Applications of Internet of Things", KLSVPP, Belagavi
73. Continuing Education Programme conducted for PWD employees, "Search Engines, Web Browsers and Social Networking", GIT, Belagavi

**Poster Presentations**

74. Alumni Meet 2011, "Opportunities in Higher Education", KLSVPP, Belagavi
1. 14-16, July-2021, "Free and Open-Source Educational Software for Generation Z", CSTA Annual Conference 2021, USA Virtual
  2. 12-18, July-2021, "Build Your First Cyber Forensic Application using Python", SciPy 2021, Virtual Conference, USA
  3. 12-18, July-2021, "Multilingual Natural Language Processing using Python", SciPy 2021, Virtual Conference, USA
  4. 12-18, July-2021, "Inventing Curriculum using Python and spaCy", SciPy 2021, Virtual Conference, USA
  5. 16-May-2021, "Inventing Curriculum using Python and spaCy", PyCon US 2021, Online
  6. 19-October-2020, "Inventing Curriculum using Pointer-Generator Network", Artificial Intelligence for Data Discovery and Reuse (AIDR) Symposium 2020 Virtual, Carnegie Mellon University Libraries, USA
  7. 16 to 21-August- 2020, "Inventing Curriculum using Julia and Pointer-Generator Network", SMILES 2020 Online, Skoltech, Moscow Russia
  8. 29 to 31-July-2020, "Julia Code Generator for Flowgorithm Flow Chart Interpreter", JuliaCon 2020 Online
  9. 6 to 12-July-2020, "Computation Techniques for Encrypted Data", Scipy 2020 Virtual Conference, USA
  10. 13 to 14-February-2020, "Elliptic Curve Analysis for Cryptographic Applications in Internet of Things", ACM India 14th Inter-Research-Institute Student Seminar in Computer Science (IRISS 2020), Indian Institute of Technology, Gandhi Nagar
  11. 8 to 14-July-2019, "Prepare Your Meal: An Application of Artificial Intelligence in Diabetes Management through Meal Planning", Scipy 2019, University of Texas, Austin, Texas, USA
  12. 8 to 14-July-2019, "Multi Agent Cognitive Architecture for Secure Computation in Internet of Things", Scipy 2019, University of Texas, Austin, Texas, USA
  13. 6 to 7-February-2019, "Modeling and mitigation of XPath injection attacks for web services using modular neural networks", ACM India 13th Inter-Research-Institute Student Seminar in Computer Science (IRISS 2019), Kochi, INDIA
  14. 21-January-2016, "Vedic Mathematics Applied to Elliptic Curve Cryptography", ACM India 10th Inter-Research-Institute Student Seminar in Computer Science (IRISS 2016), Tiruvananthapuram, INDIA

**Program Committee**

**Member/Reviewer**

Book Publishers: Manning Publications USA, Oxford University Press India,  
Journals: Journal of Open Source Software(JOSS), Journal of Open Source Education (JOSE)  
Conferences: PyCon US 2022, 2021, SciPy US 2020 and 2019, JuliaCon 2020, SciPy Japan, FOSSCon India 2019, PyCon India 2021, PyData Global 2020, JupyterCon 2020, Pyjamas 2020, and 2021

**Scholarships/  
Travel Grants** JuliaCon 2018 and 2020, SciPy 2019, 2020, and 2021, JupyterCon 2020, PyCon France 2019

**Achievements** Mentor for CERN Webfest 2020 (One of Top 7 projects)  
Mentor for Smart India Hackathon teams (four winning titles since 2017)  
Mentor for Manthan 2021 National Security Hackathon (Winning team)  
Judge for Toycathon 2021 Toy Hackathon by MHRD, Govt. of India  
Top Reviewer Award – SciPy 2020, USA  
Appreciation from UiPath for institution participation in DevCon 2020  
Top recruiter for ACM ambassador program for February 2018-2019

**Chapter Lead /  
Organizer** Program Committee Chair – PyCon India 2021  
Organizing Co-Chair, FOSSCon India 2019  
OWASP Belagavi Chapter – Chapter Lead  
PyData Belagavi Chapter – Chapter Lead

**Membership of  
Professional  
Bodies** Association Computing Machinery India – Professional Member (7689360)  
IEEE Professional Member (98204247)  
Open Web Application Security Project Foundation – Life Member  
Computer Society of India – Nominee Member  
ACM Computer Science Teachers Association – Basic Member  
Indian Society for Technical Education – Life Member  
Internet Society – Basic Member

**Volunteer** Interfaith Research Project at Parliament of World's Religions, USA  
Treasurer, Gangadharrao Deshpande Memorial Committee, Belagavi (2018 – Present)  
Office Bearer, Past Students Association, B K Model School, Belagavi (2017-19)  
President, Alumni Association, KLS Shri Vasanttrao Potdar Polytechnic (2011-13)

**Links** Website: [gcdeshpande.github.io](http://gcdeshpande.github.io)  
GitHub: [github.com/gcdeshpande](https://github.com/gcdeshpande)  
LinkedIn: <https://www.linkedin.com/in/gajendradeshpande>



RAJARAJESWARI COLLEGE OF ENGINEERING  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

5 Days Student Development Programme on "Cyber Security"  
16 May 2023- 20 May 2023

Sl.no	Name	Sem	Student signature				
			16/5/23	17/5/23	18/5/23	19/5/23	20/5/23
1	A.Bharadwaj	6 <sup>th</sup>					
2	A R Sarankumar	6 <sup>th</sup>					
3	Aaruni Kumar Rai	6 <sup>th</sup>					
4	Abhishek	6 <sup>th</sup>					
5	Adi Reddy Y	6 <sup>th</sup>					
6	Aishwarya k	6 <sup>th</sup>					
7	Amit Kumar Yadav	6 <sup>th</sup>					
8	Anish V	6 <sup>th</sup>					
10	Anjali	6 <sup>th</sup>					
11	B R Pavithra	6 <sup>th</sup>					
12	Benny Solomon S	6 <sup>th</sup>					
13	Bhoomika H K	6 <sup>th</sup>					
14	Bhoomika R	6 <sup>th</sup>					
15	Bindushree N	6 <sup>th</sup>					
16	BINETTA P BIJU	6 <sup>th</sup>					
17	Brinda M	6 <sup>th</sup>					
18	Chaitra S	6 <sup>th</sup>					
9	Chandan Gowda M G	6 <sup>th</sup>					



20	Chandrika C	6 <sup>th</sup>					
21	Chethan G	6 <sup>th</sup>					
22	Chethana C P	6 <sup>th</sup>	Chethana	Cheth	Cheth	Cheth	Cheth
23	Chitra Shree V	6 <sup>th</sup>					
24	Darshini H N	6 <sup>th</sup>					
25	Deekshith G	6 <sup>th</sup>	Deek	Deek	Deek	Deek	Deek
26	Deepika	6 <sup>th</sup>	<del>Dee</del>	<del>Dee</del>	<del>Dee</del>	<del>Dee</del>	<del>Dee</del>
27	Devika R	6 <sup>th</sup>	Devika	Devika	Devika	Devika	Devika
28	DhanuShree S	6 <sup>th</sup>	Dhanu	Dhanu	Dhanu	Dhanu	Dhanu
29	DHEERAJ.R	6 <sup>th</sup>	Dheer	Dheer	Dheer	Dheer	Dheer
30	Dimple Priya G	6 <sup>th</sup>					
31	Divya J	6 <sup>th</sup>	Divya	Divya	Divya	Divya	Divya
32	G SASI PREETHAM	6 <sup>th</sup>	Preeth	Preeth	Preeth	Preeth	Preeth
33	Goutham P	6 <sup>th</sup>	Gout	Gout	Gout	Gout	Gout
34	GURURAJ R	6 <sup>th</sup>	Gururaj	Gururaj	Gururaj	Gururaj	Gururaj
35	Harsha Mallesh M	6 <sup>th</sup>	Harsha	Harsha	Harsha	Harsha	Harsha
36	Harshit Aryan	6 <sup>th</sup>	Harshit	Harshit	Harshit	Harshit	Harshit
37	Harshitha E	6 <sup>th</sup>	Harshi	Harshi	Harshi	Harshi	Harshi
38	HARSHITHA V	6 <sup>th</sup>	Harshitha	Harshitha	Harshitha	Harshitha	Harshitha
39	Hemanth Gowda A	6 <sup>th</sup>	Hemanth	Hemanth	Hemanth	Hemanth	Hemanth
40	JAYAVANTH M	6 <sup>th</sup>	Jayava	Jayava	Jayava	Jayava	Jayava
41	JEEVAN A H	6 <sup>th</sup>	Jeevan	Jeevan	Jeevan	Jeevan	Jeevan

42	Jeevan M	6 <sup>th</sup>						
43	Jyothika S	6 <sup>th</sup>						
44	Karuna M	6 <sup>th</sup>						
45	Kavana Ram S	6 <sup>th</sup>						
46	Dhir Bahadur Dharmi	6 <sup>th</sup>						
47	Keerthana G	6 <sup>th</sup>						
48	Kondeti Lakshmi	6 <sup>th</sup>						
49	Kusuma M G	6 <sup>th</sup>						
50	Lakshmi M Gowda	6 <sup>th</sup>						
51	Lekhana N G	6 <sup>th</sup>						
52	M H Sathwik Gowda	6 <sup>th</sup>						
53	Madhan R	6 <sup>th</sup>						
54	Mahesh Kumar S M	6 <sup>th</sup>						
55	Manasa G	6 <sup>th</sup>						
56	Manasa G S	6 <sup>th</sup>						
57	Manasa T	6 <sup>th</sup>						
58	Manjari T	6 <sup>th</sup>						
59	Mohan D	6 <sup>th</sup>						
60	Mueezuddin Ahmed	6 <sup>th</sup>						
61	Mujammil Naykodi	6 <sup>th</sup>						
62	Mulinti Abhilash Reddy	6 <sup>th</sup>						
63	Nandan P	6 <sup>th</sup>						

64	Netra	6 <sup>th</sup>						
65	Nitesh Kumar	6 <sup>th</sup>	<u>Nitesh</u>	<u>Nitesh</u>	<u>Nitesh</u>	<u>Nitesh</u>	<u>Nitesh</u>	<u>Nitesh</u>
66	Nithin U	6 <sup>th</sup>	<u>Nitesh</u>	<u>Nitesh</u>	<u>Nitesh</u>	<u>Nitesh</u>	<u>Nitesh</u>	<u>Nitesh</u>
67	O A Jahnavi	6 <sup>th</sup>	<u>nith</u>	<u>nith</u>	<u>nith</u>	<u>nith</u>	<u>nith</u>	<u>nith</u>
68	Pankaj Sharma	6 <sup>th</sup>	<u>pan</u>	<u>pan</u>	<u>pan</u>	<u>pan</u>	<u>pan</u>	<u>pan</u>
69	Patra Chinmay Mochiram	6 <sup>th</sup>	<u>Patra</u>	<u>Patra</u>	<u>Patra</u>	<u>Patra</u>	<u>Patra</u>	<u>Patra</u>
70	Pokala Praveen Sai	6 <sup>th</sup>	<u>patra</u>	<u>patra</u>	<u>patra</u>	<u>patra</u>	<u>patra</u>	<u>patra</u>
71	Pooja B R	6 <sup>th</sup>	<u>Pokal</u>	<u>Pokal</u>	<u>Pokal</u>	<u>Pokal</u>	<u>Pokal</u>	<u>Pokal</u>
72	Prajwala Uday Nadakarni	6 <sup>th</sup>	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>
73	Priyanka K A	6 <sup>th</sup>	<u>Pra</u>	<u>Pra</u>	<u>Pra</u>	<u>Pra</u>	<u>Pra</u>	<u>Pra</u>
74	Quarath Ulaien	6 <sup>th</sup>	<u>Priya</u>	<u>Priya</u>	<u>Priya</u>	<u>Priya</u>	<u>Priya</u>	<u>Priya</u>
75	Poonam Gowda C S	6 <sup>th</sup>	<u>Quar</u>	<u>Quar</u>	<u>Quar</u>	<u>Quar</u>	<u>Quar</u>	<u>Quar</u>
76	R Shravan	6 <sup>th</sup>	<u>Poo</u>	<u>Poo</u>	<u>Poo</u>	<u>Poo</u>	<u>Poo</u>	<u>Poo</u>
77	Rahul Prabhakar Dubashi	6 <sup>th</sup>	<u>Shra</u>	<u>Shra</u>	<u>Shra</u>	<u>Shra</u>	<u>Shra</u>	<u>Shra</u>
78	Raj Ranjan	6 <sup>th</sup>	<u>Raj</u>	<u>Raj</u>	<u>Raj</u>	<u>Raj</u>	<u>Raj</u>	<u>Raj</u>
79	Rakesh M B	6 <sup>th</sup>	<u>Raj</u>	<u>Raj</u>	<u>Raj</u>	<u>Raj</u>	<u>Raj</u>	<u>Raj</u>
80	Rakshitha N	6 <sup>th</sup>	<u>Rak</u>	<u>Rak</u>	<u>Rak</u>	<u>Rak</u>	<u>Rak</u>	<u>Rak</u>
81	Bhavya D S	6 <sup>th</sup>	<u>Rak</u>	<u>Rak</u>	<u>Rak</u>	<u>Rak</u>	<u>Rak</u>	<u>Rak</u>
82	Brunda Y	6 <sup>th</sup>	<u>Bra</u>	<u>Bra</u>	<u>Bra</u>	<u>Bra</u>	<u>Bra</u>	<u>Bra</u>
83	Deekshitha	6 <sup>th</sup>	<u>Brun</u>	<u>Brun</u>	<u>Brun</u>	<u>Brun</u>	<u>Brun</u>	<u>Brun</u>
84	Harshitha	6 <sup>th</sup>	<u>Deek</u>	<u>Deek</u>	<u>Deek</u>	<u>Deek</u>	<u>Deek</u>	<u>Deek</u>
85	Spoorthi B S	6 <sup>th</sup>	<u>Har</u>	<u>Har</u>	<u>Har</u>	<u>Har</u>	<u>Har</u>	<u>Har</u>
			<u>Spo</u>	<u>Spo</u>	<u>Spo</u>	<u>Spo</u>	<u>Spo</u>	<u>Spo</u>

86	Razeena M	6 <sup>th</sup>						
87	Rifa Khanum	6 <sup>th</sup>	Rifa	Rifa	Rifa	Rifa	Rifa	Rifa
88	Ruchitha S	6 <sup>th</sup>	Rucha	Rucha	Rucha	Rucha	Rucha	Rucha
89	Samith Kamarthi	6 <sup>th</sup>	Samith	Samith	Samith	Samith	Samith	Samith
90	Sangamesh S Karakalli	6 <sup>th</sup>	Sangamesh	Sangamesh	Sangamesh	Sangamesh	Sangamesh	Sangamesh
91	Saniya Mirza	6 <sup>th</sup>	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya
92	Shaurya K V	6 <sup>th</sup>	Shaurya	Shaurya	Shaurya	Shaurya	Shaurya	Shaurya
93	Shilpa S	6 <sup>th</sup>	Shilpa	Shilpa	Shilpa	Shilpa	Shilpa	Shilpa
94	Shraddha	6 <sup>th</sup>	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha
95	Shravya M S	6 <sup>th</sup>	Shravya	Shravya	Shravya	Shravya	Shravya	Shravya
96	Shreenidhi P	6 <sup>th</sup>	Shreenidhi	Shreenidhi	Shreenidhi	Shreenidhi	Shreenidhi	Shreenidhi
97	Siddaveer Swamy	6 <sup>th</sup>	Siddaveer	Siddaveer	Siddaveer	Siddaveer	Siddaveer	Siddaveer
99	Smita Rani	6 <sup>th</sup>	Smita	Smita	Smita	Smita	Smita	Smita
100	Sonal R Billava	6 <sup>th</sup>	Sonal	Sonal	Sonal	Sonal	Sonal	Sonal
101	Sonashree C	6 <sup>th</sup>	Sonashree	Sonashree	Sonashree	Sonashree	Sonashree	Sonashree
102	suprith R	6 <sup>th</sup>	Suprith	Suprith	Suprith	Suprith	Suprith	Suprith
103	Swamy R	6 <sup>th</sup>	Swamy	Swamy	Swamy	Swamy	Swamy	Swamy
104	Tejas R	6 <sup>th</sup>	Tejas	Tejas	Tejas	Tejas	Tejas	Tejas
105	Tejaswini D	6 <sup>th</sup>	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini
106	Tejaswini S	6 <sup>th</sup>	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini
107	V Nagabhuchchayya Chowdry	6 <sup>th</sup>	V Nagabhuchchayya	V Nagabhuchchayya	V Nagabhuchchayya	V Nagabhuchchayya	V Nagabhuchchayya	V Nagabhuchchayya
108	V R VISHRUTHI	6 <sup>th</sup>	V R Vishruthi	V R Vishruthi	V R Vishruthi	V R Vishruthi	V R Vishruthi	V R Vishruthi

109	Varsha TN	6 <sup>th</sup>					
110	Varshini. Y. C	6 <sup>th</sup>					
111	Vidhya S A	6 <sup>th</sup>					
112	Vijayalakshmi.A	6 <sup>th</sup>					
113	Vishrutha K S	6 <sup>th</sup>					
114	Vishwas G M	6 <sup>th</sup>					
115	Yashaswini B L	6 <sup>th</sup>					
116	Yashaswini S	6 <sup>th</sup>					
117	Yashaswini U.B	6 <sup>th</sup>					
118	Zeba Anjum	6 <sup>th</sup>					
119	Meharuk jabeen	6 <sup>th</sup>					
120	Trisha patil	6 <sup>th</sup>					



# 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

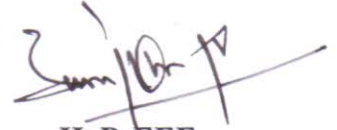
## Department of Electrical & Electronics Engineering

### Circular

Date: 07/07/22

This is to inform that the RRCE Skill Lab and Department of EEE have planned to conduct 5 Days Skill Development Workshop with Hands-on Training in “Fuzzy Logic toolbox” On 11<sup>th</sup> -15<sup>th</sup> July, 2022.

Interested students are requested to enroll their names to Dr. P Ebby Darney, HoD-EEE on or before 09<sup>th</sup> July 2022. Registration will be considered on first come first serve basis.



**HoD-EEE**

Professor & HOD  
Dept. of Electrical & Electronics Engg.  
Rajarajeswari College Of Engineering  
Bengaluru-74

### Chief Patron

**Dr.A.C.Shanmugam**, B.A.L.L.B., FIMSA, FRCPS (Glasgow, U.K)  
Chairman, RajaRajeswari Group of Institutions,  
Bengaluru

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MIET., (UK), LMCSI.,

Vice-Chairman, RajaRajeswari Group of Institutions,  
Bengaluru

**Dr. Vijayanand. S**, M.Tech, Ph.D

Executive Director, RajaRajeswari Group  
of Institutions, Bengaluru

**Sri. S. Jayabalan**

Special Officer, RajaRajeswari Group of  
Institutions, Bengaluru

**Sri. .Seetharam (Retd IAS Officer)**

CEO, RajaRajeswari Group of Institutions, Bengaluru

**Dr. Gopalakrishna Nair**

Rector, RajaRajeswari Group of  
Institutions, Bengaluru

**Chairman**

**Dr.R Balakrishna,**

Principal, RRCE

**Organizing Secretary**

**Dr. P Ebby Darney**

Head of the Department,

Dept. of Electrical and Electronics Engineering

RRCE

### ORGANIZING COMMITTEE

#### Coordinators

1. Prof.Avinash C M

2. Prof. Bharathi V

All Staff members of EEE Dept.

### Address for communication

#### Coordinators

1. Prof.Avinash C M (9740369481)  
avinash.rrce@gmail.com

2. Prof. Bharathi V ((9008535199)  
bharathivijay08@gmail.com

Skill Development workshop  
on  
**Fuzzy logic toolbox**

**Department of Electrical and Electronics Engg.**  
**RajaRajeswari College of Engineering**  
Kumbalagodu, Mysore road, Bengaluru-  
560074

#### Course Outcome:

- Will understand the increasing need for flexibility and adaptivity in computerized systems, and the application of fuzzy expert systems.
- Fuzzy logic expert systems often improve performance by allowing knowledge to generalize without requiring the knowledge engineer to anticipate all possible situations.
- Thus, for many types of applications, "soft computing" such as Fuzzy logic can incur lower overhead in terms of representing and engineering task knowledge.



**5 Days Skill Development Workshop with  
Hands-on Training in**

**"Fuzzy logic toolbox"**

**On**

**11<sup>th</sup> -15<sup>th</sup> July, 2022**

**(10:00 am to 4:00 pm)**

**By**

**Dr. R Arul Jose**, Associate Prof., Depart. of EEE,  
SCAD college of Engineering, Tamil Nadu.

**Organized by**

**Department of Electrical & Electronics Engineering**



**RAJARAJESWARI COLLEGE OF  
ENGINEERING  
(RRCE)**

(Approved by AICTE, New Delhi )  
ACCREDITED BY NAAC , 'A' Grade  
and NBA (EEE,ECE,ME,CSE),

ISO 9001:2008

#14, RAMOHALLI CROSS, KUMBALAGODU

MYSORE ROAD, BENGALURU-560074

KARNATAKA, INDIA,

Fax: +91- 80-28437373,

Ph: 080-28437124, 080-28437375, 080-65666769

Website: [www.rrce.org](http://www.rrce.org)

## ABOUT THE INSTITUTION

Rajarajeswari College of Engineering (RRCE) was established in the year 2006 under the shelter of Moogambigai Charitable and Educational Trust (estd. 1992) with the sole object of establishing Institutions of higher education of exemplary stature in the state of Karnataka.

RRCE is approved by AICTE, New Delhi and is affiliated to Visvesvaraya Technological University (VTU), Belgaum, and Karnataka. The Institute offers six UG Engineering courses (Civil, Mechanical, Electrical & Electronics, Electronics & Communication, Computer Science & Engineering and Information Science & Engineering) and five PG courses Viz. M.Tech (Digital Electronics and communication, Thermal Engineering and Computer science & Engineering), MBA & MCA. RRCE has four R&D centers. All the Departments have qualified staff and well equipped laboratories with state of the art equipment. The college has library and information center with very good collection, computer centers and sports facilities along with other amenities. The college is located by the side of Bengaluru - Mysore road and is 18km from Bangalore City Railway Station.

## ABOUT THE DEPARTMENT

The Department of Electrical & Electronics Engineering was established in the year 2006. The department is offering UG course in EEE. The department has experienced and well qualified senior Professors and dynamic faculty members. EEE department is highly dynamic in organizing various events like workshops, Technical seminars, expert lectures, FDPs and industrial visits etc for the benefit of staff and students. Department has well equipped laboratories.

## OBJECTIVE OF THE COURSE

Fuzzy Logic Toolbox™ provides MATLAB® functions, apps, and a Simulink® block for analyzing, designing, and simulating systems based on fuzzy logic. The product guides you through the steps of designing fuzzy inference systems. Functions are provided for many common methods, including fuzzy clustering and adaptive neuro fuzzy learning.

The toolbox lets you model complex system behaviors using simple logic rules, and then implements these rules in a fuzzy inference system. You can use it as a stand-alone fuzzy inference engine. Alternatively, you can use fuzzy inference blocks in Simulink and simulate the fuzzy systems within a comprehensive model of the entire dynamic system.

The Skill development workshop will be held from 11th -15th July, 2022(10:00 am to 4:00 pm) at EEE CAED Lab, RRCE, Bengaluru-560074.

### Participants:

Students who are interested in knowing the fundamentals of Fuzzy logic toolbox are invited to participate in the Course.

**From**  
**11th -15th July, 2022**  
**(10:00 am to 4:00 pm)**

**Department of Electrical & Electronics**  
**Engineering**  
**RajaRajeswari College of Engineering**  
**Mysore road, Kumbalagodu**  
**Bengaluru-560074**  
**Ph: + 91-80-28437124, +91-80-6566 6769**

## REGISTRATION FORM

Name :  
Designation :  
Organization :  
Address :  
Phone No. : Fax:  
E-mail :  
  
Date: Signature of the Participant  
  
Place: Seal and Signature of the Sponsoring Authority





## 5 Days Skill Development Workshop with Hands-on Training in “Fuzzy logic toolbox”

On  
11<sup>th</sup> -15<sup>th</sup> July, 2022

### Program Schedule

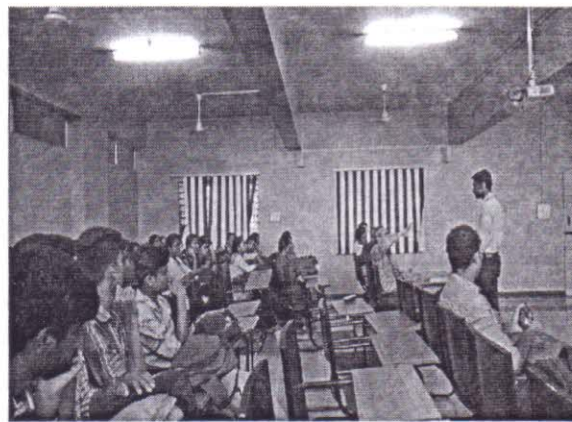
Date	10.00 AM to 11.00 AM	11.00 to 11.30 AM	11.30 AM to 01.00 PM	1.00 to 2.00PM	2.00 PM to 4.00 PM
11/07/22	Session 1: Registration & Inauguration	Tea	Session 2: Introduction to Artificial Intelligence, Neural Networks and Fuzzy logic System.	Lunch	Session 3: Applications of Fuzzy Logic in Power System
12/07/22	Session 4: Introduction to toolboxes and technologies	Tea	Session 5: How to design a Fuzzy logic controller in MATLAB/SIMULINK	Lunch	Session 6: Hands on Fuzzy logic toolbox
13/07/22	Session 7: Fuzzy Logic Systems · Fuzzy Logic Techniques and Algorithms	Tea	Session 8: Designing logic and membership function	Lunch	Session 9: Introduction to block- sets
14/07/22	Session 10: Fuzzy Clustering Techniques, and Fuzzy Control theory.	Tea	Session 11: Building system with FL toolbox	Lunch	Session 12: Hands on Fuzzy logic toolbox
15/07/22	Session 13: Fuzzy Mathematical Modeling in Artificial Intelligence using Decision Making Methods.	Tea	Session 14: Case study.	Lunch	Session 15: Participant- Performance Evaluation.

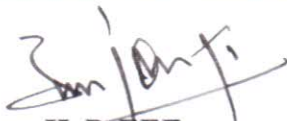
  
HoD-EEE



## 5 Days Skill Development Workshop with Hands-on Training in “Fuzzy logic toolbox” On 11<sup>th</sup> -15<sup>th</sup> July, 2022

1. Type of Event: 5 Days Skill Development Workshop (11th -15th July, 2022)
2. Title of Event: “Fuzzy logic toolbox”
3. Resource Person: Dr. R Arul Jose, Associate Prof., Depart. of EEE, SCAD college of Engineering, Tamil Nadu.
4. Event Duration: 10.00 AM to 04.00 P.M, 11th -15th July, 2022
5. Organizing Committee: Dr. R.Balakrishna, Principal, RRCE, Dr. S Usha, Dean Research, HOD (CSE)
6. Target Participants: EEE students (100 Participants)
7. Topics covered:
  - ❖ Introduction to fuzzy logic & fundamentals
  - ❖ Designing logic and membership function
  - ❖ Building system with FL toolbox
  - ❖ Fuzzy logic working in Simulink
  - ❖ Case Study
    - 1- Water level controller
    - 2- Washing machine control





**HoD-EEE**

Professor & HOD

Dept. of Electrical & Electronics Engg.  
Rajarajeswari College Of Engineering

  
**Principal**

Principal

RAJARAJESWARI

COLLEGE OF ENGINEERING

Ramohalli Cross, Bengaluru-74

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



# Raja Rajeswari College of Engineering

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

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Department of Electrical & Electronics Engineering

## 5 Days Skill Development Workshop with Hands-on Training in "Fuzzy logic toolbox"

On  
11<sup>th</sup> -15<sup>th</sup> July, 2022

SNo	USN No	Name of the student	Sem	Signature				
				11 <sup>th</sup> Feb	12 <sup>th</sup> Feb	13 <sup>th</sup> Feb	14 <sup>th</sup> Feb	15 <sup>th</sup> Feb
1.	1RR14EE350	CHINMAYEE	VIII	Chinmayee	Chinmayee	Chinmayee	Chinmayee	Chinmayee
2.	1RR16EE026	PRATEEK K	VIII	Prateek	Prateek	Prateek	Prateek	Prateek
3.	1RR16EE032	SAI ABILASH	VIII	Abilash	Abilash	Abilash	Abilash	Abilash
4.	1RR16EE034	SHREYAS GOWDA C	VIII	Shreyas	Shreyas	Shreyas	Shreyas	Shreyas
5.	1RR16EE057	SHIVATEJ DAS	VIII	Shivatej	Shivatej	Shivatej	Shivatej	Shivatej
6.	1RR17EE018	SAMUEL RAJ B	VIII	Samuel	Samuel	Samuel	Samuel	Samuel
7.	1RR17EE023	TANVEER RAFE BISWAS	VIII	Tanveer	Tanveer	Tanveer	Tanveer	Tanveer
8.	1RR17EE039	VARUN B S	VIII	Varun	Varun	Varun	Varun	Varun
9.	1RR18EE403	LOHITH GOWDA	VIII	LOHITH	LOHITH	LOHITH	LOHITH	LOHITH
10.	1RR14EE045	VENKATESH R	VIII	Venkatesh	Venkatesh	Venkatesh	Venkatesh	Venkatesh
11.	1RR15EE047	VINITH KUMAR P	VIII	Vinith	Vinith	Vinith	Vinith	Vinith
12.	1RR16EE019	MOHAMMED NAZEER AHMED	VIII	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed
13.	1RR16EE063	NAVEEN D E	VIII	Naveen	Naveen	Naveen	Naveen	Naveen
14.	1RR16EE025	PRAJWAL R	VIII	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal
15.	1RR18EE002	ABISHEK T N	VIII	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
16.	1RR18EE008	CHAITRA.BASAVANNI.T ALAWAR	VIII	Chaitra	Chaitra	Chaitra	Chaitra	Chaitra
17.	1RR18EE009	CHAYA S DAS	VIII	Chaya	Chaya	Chaya	Chaya	Chaya
18.	1RR18EE012	DILIP KUMAR D	VIII	Dilip	Dilip	Dilip	Dilip	Dilip

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

Phone: +91-80-28437124 / 28437375

Email Id: hodeee@rrce.org

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



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## Department of Electrical & Electronics Engineering

19.	1RR18EE014	GANGADHAR.B	VIII					
20.	1RR18EE015	HARSHITHA KRISHNAPPA	VIII					
21.	1RR18EE018	MAHESH KUMAR.M	VIII					
22.	1RR18EE023	NK SHRINIVAS	VIII					
23.	1RR18EE025	RAGHOTTAM.P.MIRAJKA R	VIII					
24.	1RR18EE027	SANDEEP.M.L	VIII					
25.	1RR18EE031	SWASTHIK SK	VIII					
26.	1RR19EE400	AJAY R S	VIII					
27.	1RR19EE408	SOMESHA K	VIII					
28.	1RR14EE350	CHINMAYEE	VIII					
29.	1RR16EE026	PRATEEK K	VIII					
30.	1RR16EE032	SAI ABILASH	VIII					
31.	1RR16EE034	SHREYAS GOWDA C	VIII					
32.	1RR16EE057	SHIVATEJ DAS	VIII					
33.	1RR17EE018	SAMUEL RAJ B	VIII					
34.	1RR17EE023	TANVEER RAFE BISWAS	VIII					
35.	1RR17EE039	VARUN B S	VIII					
36.	1RR18EE403	LOHITH GOWDA	VIII					
37.	1RR14EE045	VENKATESH R	VIII					
38.	1RR15EE047	VINITH KUMAR P	VIII					
39.	1RR16EE019	MOHAMMED NAZEER AHMED	VIII					
40.	1RR16EE063	NAVEEN D E	VIII					
41.	1RR16EE025	PRAJWAL R	VIII					
42.	1RR18EE002	ABISHEK T N	VIII					
43.	1RR18EE008	CHAITRA.BASAVANNI.T	VIII					

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## Department of Electrical & Electronics Engineering

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44.	1RR18EE009	CHAYA S DAS	VIII	Chaya	Chaya	Chaya	Chaya	Chaya
45.	1RR18EE012	DILIP KUMAR D	VIII	DILIP	DILIP	DILIP	DILIP	DILIP
46.	1RR18EE014	GANGADHAR.B	VIII	G	G	G	G	G
47.	1RR18EE015	HARSHITHA KRISHNAPPA	VIII	Harshi	Harshi	Harshi	Harshi	Harshi
48.	1RR18EE018	MAHESH KUMAR.M	VIII	mahesh	mahesh	mahesh	mahesh	mahesh
49.	1RR18EE023	NK SHRINIVAS	VIII	NK	NK	NK	NK	NK
50.	1RR18EE025	RAGHOTTAM.P.MIRAJKA R	VIII	RAGHOTTAM	RAGHOTTAM	RAGHOTTAM	RAGHOTTAM	RAGHOTTAM.
51.	1RR18EE027	SANDEEP.M.L	VIII	See	See	See	See	See
52.	1RR18EE031	SWASTHIK SK	VIII	Swastik	Swastik	Swastik	Swastik	Swastik
53.	1RR19EE400	AJAY R S	VIII	A	A	A	A	A
54.	1RR19EE408	SOMESHA K	VIII	Somes	Somes	Somes	Somes	Somes
55.	1RR14EE350	CHINMAYEE	VIII	Ch	Ch	Ch	Ch	Ch
56.	1RR18EE005	DHANUSH KUMAR	VI	Dh	Dh	Dh	Dh	Dh
57.	1RR18EE033	VENUGOPAL	VI	Venugopal	Venugopal	Venugopal	Venugopal	Venugopal.
58.	1RR19EE001	ABRIN NISHA J	VI	Ab	Ab	Ab	Ab	Ab
59.	1RR19EE002	AKASH H Y	VI	AKASH	AKASH	AKASH	AKASH	AKASH.
60.	1RR19EE003	AKSHATHA D A	VI	AK	AK	AK	AK	AK.
61.	1RR19EE004	ANUSHA S G	VI	A	A	A	A	A
62.	1RR19EE005	BHOOMIKA J	VI	Bo	Bo	Bo	Bo	Bo.
63.	1RR19EE006	BRUNDA B	VI	B	B	B	B	B
64.	1RR19EE007	CHANDAN KJ	VI	Chandan	Chandan	Chandan	Chandan	Chandan
65.	1RR19EE008	CHANNE GOWDA K	VI	Channe	Channe	Channe	Channe	Channe
66.	1RR19EE010	KRISHNA PAWAR	VI	Ke	Ke	Ke	Ke	Ke
67.	1RR19EE011	KUMAR MANIKANTA P N	VI	K	K	K	K	K

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Phone: +91-80-28437124 / 28437375

Email Id: hodeec@rrce.org

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## Department of Electrical & Electronics Engineering

68.	1RR19EE012	LIKITH J	VI	Likith.J	Likith.J	Likith.J	Likith.J	Likith.J
69.	1RR19EE013	MANOJ G	VI	Manoj	Manoj	Manoj	Manoj	Manoj
70.	1RR19EE014	MANOJ KUMAR R	VI	Manoj	Manoj	Manoj	Manoj	Manoj
71.	1RR19EE015	N LEELANJALI	VI	Neel	Neel	Neel	Neel	Neel
72.	1RR19EE016	NEHA RAJ V G	VI	Neha	Neha	Neha	Neha	Neha
73.	1RR19EE017	NIVEDHA D	VI	Nivedha	Nivedha	Nivedha	Nivedha	Nivedha
74.	1RR19EE018	PRAJWAL D K	VI	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal
75.	1RR19EE019	PRATHIK V	VI	Pratik	Pratik	Pratik	Pratik	Pratik
76.	1RR19EE021	PREM SAGAR S	VI	Prem	Prem	Prem	Prem	Prem
77.	1RR19EE022	PURUSHOTHAM V	VI	Puru	Puru	Puru	Puru	Puru
78.	1RR19EE023	RAKESH G	VI	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh
79.	1RR19EE024	SHAMBHAVI M N	VI	Shambha	Shambha	Shambha	Shambha	Shambha
80.	1RR19EE025	SNEHA G	VI	Sneha	Sneha	Sneha	Sneha	Sneha
81.	1RR19EE026	SREEHARI K	VI	Sreehar	Sreehar	Sreehar	Sreehar	Sreehar
82.	1RR19EE027	SUHAS B	VI	Suhas	Suhas	Suhas	Suhas	Suhas
83.	1RR19EE028	SUVARNA P U	VI	Suvarna	Suvarna	Suvarna	Suvarna	Suvarna
84.	1RR19EE029	V VAMSI	VI	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi
85.	1RR19EE030	VAIBHAV S	VI	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav
86.	1RR19EE031	YASHAS S M	VI	Yashas	Yashas	Yashas	Yashas	Yashas
87.	1RR19EE032	YATHISH GOWDA H	VI	Yathish	Yathish	Yathish	Yathish	Yathish
88.	1RR20EE400	SANJAY YADAV N	VI	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
89.	1RR20EE402	TEJASWINI R T	VI	Tejas	Tejas	Tejas	Tejas	Tejas
90.	1RR20EE403	UTTAM M	VI	Uttam	Uttam	Uttam	Uttam	Uttam
91.	1RR20EE001	LINGARAJ C S	IV	Lingaraj	Lingaraj	Lingaraj	Lingaraj	Lingaraj
92.	1RR20EE002	RAKESH M	IV	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh
93.	1RR20EE003	RIDA SHARIFF A	IV	Rida	Rida	Rida	Rida	Rida
94.	1RR20EE004	ROHITH H	IV	Rohith	Rohith	Rohith	Rohith	Rohith

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Phone: +91-80-28437124 / 28437375

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## Department of Electrical & Electronics Engineering

95.	1RR20EE005	S DHANVI	IV	<del>S</del>	<del>S</del>	<del>S</del>	<del>S</del>	<del>S</del>
96.	1RR20EE006	SAHIL SHARMA	IV	Sahil	Sahil	Sahil	Sahil	Sahil
97.	1RR20EE007	SEETHA LAKSHMI PERUT	IV	Se	Sh	Se	Sh	Sh
98.	1RR21EE400	SOMENDRAN B	IV	Somendran	Somendran	Somendran	Somedran	Somedran
99.	1RR21EE401	SHIVAMANI CR	IV	Shiva	Shiva	Shiva	Shiva	Shiva
100.	1RR21EE001	AFNAN SHARIFF A	II	Af	Af	Af	Af	Af
101.	1RR21EE002	AISHWARYA S	II	AISH	AISH	AISH	AISH	AISH
102.	1RR21EE003	B PAVAN	II	Pa	Pa	Pa	Pa	Pa
103.	1RR21EE004	BHUMIKA K RAMESH	II	Bhu	Bhu	Bhu	Bhu	Bhu
104.	1RR21EE005	JYOTHSNA RAM P	II	JYOTHSNA	JYOTHSNA	JYOTHSNA	JYOTHSNA	JYOTHSNA
105.	1RR21EE006	KEERTHANA GC	II	Keer	Keer	Keer	Keer	Keer
106.	1RR21EE007	MANOJ K P	II	Ma	Ma	Ma	Ma	Ma
107.	1RR21EE008	MARUTHI T	II	M	M	M	M	M
108.	1RR21EE009	MOHAMMED KAIF	II	KAIF	KAIF	KAIF	KAIF	KAIF
109.	1RR21EE010	POOJA H PATEL	II	Pooja	Pooja	Pooja	Pooja	Pooja
110.	1RR21EE011	PUNITH N	II	PUNITH	PUNITH	PUNITH	PUNITH	PUNITH
111.	1RR21EE012	VINUDHARANI K L	II	Vi	Vi	Vi	Vi	Vi
112.	1RR21EE013	VISHAL G	II	Vishal	Vishal	Vishal	Vishal	Vishal
113.	1RR21EE014	VIVEK N	II	V	V	V	V	V
114.	1RR21EE015	YESHWANTH NAIDU M	II	Yes	Yes	Yes	Yes	Yes

  
HoD-EEE

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

Phone: +91-80-28437124 / 28437375

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## Department of Electrical & Electronics Engineering

### Circular

Date: 03/01/23

This is to inform that the RRCE Skill Lab and Department of EEE have planned to conduct 5 Days Skill Development Workshop with Hands-on Training in “Familiarization of MatLAB toolbox” On 09<sup>th</sup> -13<sup>th</sup> January, 2023.

Interested students are requested to enroll their names to Dr. P Ebby Darney, HoD-EEE on or before 06<sup>th</sup> January 2023. Registration will be considered on first come first serve basis.

**HoD-EEE**

Professor & HOD  
Dept. of Electrical & Electronics Engg-  
Rajarajeswari College Of Engineering  
Bengaluru-74





## 5 Days Skill Development Workshop with Hands-on Training in

### “Familiarization of MatLAB toolbox”

On

09<sup>th</sup> -13<sup>th</sup> January, 2023

### Program Schedule

Date	10.00 AM to 11.00 AM	11.00 to 11.30 AM	11.30 AM to 01.00 PM	1.00 to 2.00PM	2.00 PM to 4.00 PM
09/01/23	Session 1: Registration & Inauguration	Tea	Session 2: Fundamentals of Matlab	Lunch	Session 3: Hands on Experience on components in Matlab
10/01/23	Session 4: Entering commands and creating variables.	Tea	Session 5: Introduction to toolboxes and technologies	Lunch	Session 6: Analyzing vectors and matrices.
11/01/23	Session 7: Working with data files.	Tea	Session 8: Writing programs with branching and loops.	Lunch	Session 9: Hands on training on M-File program
12/01/23	Session 10: Introduction to block-sets	Tea	Session 11: Data Processing and Visualization	Lunch	Session 12: Hands on Simulink- Creating simple circuits.
13/01/23	Session 13: Basic Parts of a Function M-File	Tea	Session 14: Hands-on- session on Converters	Lunch	Session 15: Participant-Performance Evaluation, Feedback and Valedictory Function

HoD-EEE

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**Dr. A.C. Shanmugam**, B.A.L.L.B., FIMSA, FRCPS (Glasgow, U.K)  
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**Sri. A.C.S. Arun Kumar**, B.Tech (Hons), LMISTE.,  
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Vice-Chairman, RajaRajeswari Group of Institutions,  
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**Dr. Vijayanand. S.**, M.Tech, Ph.D

Executive Director, RajaRajeswari Group  
of Institutions, Bengaluru

**Sri. S. Jayabalan**

Special Officer, RajaRajeswari Group of  
Institutions, Bengaluru

**Sri. .Seetharam (Retd IAS Officer)**

CEO, RajaRajeswari Group of Institutions, Bengaluru

**Dr. Gopalakrishna Nair**

Rector, RajaRajeswari Group of  
Institutions, Bengaluru

### Chairman

**Dr. R Balakrishna,**

Principal, RRCE

### Organizing Secretary

**Dr. P Ebby Darney**

Head of the Department,

Dept. of Electrical and Electronics Engineering  
RRCE

### ORGANIZING COMMITTEE

#### Coordinators

1. Prof. Avinash C M

2. Prof. Bharathi V

All Staff members of EEE Dept.

## Address for communication

### Coordinators

1. Prof. Avinash C M (9740369481)  
avinash.rrce@gmail.com

2. Prof. Bharathi V ((9008535199)  
bharathivijay08@gmail.com

Skill Development workshop  
on

### Familiarization of Matlab toolbox

Department of Electrical and Electronics Engg.  
RajaRajeswari College of Engineering  
Kumbalagodu, Mysore road, Bengaluru-  
560074

### Course Outcome:

- Primary objective of this program is to provide an exposure to the participants with the essentials of MATLAB and some of the toolboxes etc.
- Develop conceptual and fundamental concept of Machine Learning elements.
- Develop basic understanding of all key component of MATLAB.



5 Days Skill Development Workshop with  
Hands-on Training in  
“Familiarization of MatLAB toolbox”

On  
09<sup>th</sup> -13<sup>th</sup> January, 2023  
(10:00 am to 4:00 pm)

By

Prof. Anandraj, Dept of Mechatronics, KLE  
Technological University, Bangalore.

Organized by

Department of Electrical & Electronics Engineering



**RAJARAJESWARI COLLEGE OF  
ENGINEERING  
(RRCE)**

(Approved by AICTE, New Delhi )  
ACCREDITED BY NAAC, 'A' Grade  
and NBA (EEE, ECE, ME, CSE),  
ISO 9001:2008

#14, RAMOHALLI CROSS, KUMBALAGODU  
MYSORE ROAD, BENGALURU-560074  
KARNATAKA, INDIA,

Fax: +91- 80-28437373,

Ph: 080-28437124, 080-28437375, 080-65666769

Website: [www.rrce.org](http://www.rrce.org)

## ABOUT THE INSTITUTION

Raja Rajeswari College of Engineering (RRCE) was established in the year 2006 under the shelter of Moogambigai Charitable and Educational Trust (estd. 1992) with the sole object of establishing Institutions of higher education of exemplary stature in the state of Karnataka.

RRCE is approved by AICTE, New Delhi and is affiliated to Visvesvaraya Technological University (VTU), Belgaum, and Karnataka. The Institute offers six UG Engineering courses (Civil, Mechanical, Electrical & Electronics, Electronics & Communication, Computer Science & Engineering and Information Science & Engineering) and five PG courses Viz. M.Tech (Digital Electronics and communication, Thermal Engineering and Computer science & Engineering), MBA & MCA. RRCE has four R&D centers. All the Departments have qualified staff and well equipped laboratories with state of the art equipment. The college has library and information center with very good collection, computer centers and sports facilities along with other amenities. The college is located by the side of Bengaluru - Mysore road and is 18km from Bangalore City Railway Station.

## ABOUT THE DEPARTMENT

The Department of Electrical & Electronics Engineering was established in the year 2006. The department is offering UG course in EEE. The department has experienced and well qualified senior Professors and dynamic faculty members. EEE department is highly dynamic in organizing various events like workshops, Technical seminars, expert lectures, FDPs and industrial visits etc for the benefit of staff and students. Department has well equipped laboratories.

## OBJECTIVE OF THE COURSE

The programme also intends to develop the knowledge of participants to familiarize the recent update in Matlab. To acquaint the participants about the powerful capability of MATLAB as a language of Technical computing for the modelling and simulation of various mechanical systems. → To impart knowledge to the students as an end user such that they can enhance their soft skills to be able to cope up the technological changes and challenges taking place in the modern world. → To increase their employability by further strengthening their problem solving skills by improving knowledge of mathematics and physics.

The Skill development workshop will be held from 09<sup>th</sup> January 2023 to 13<sup>th</sup> January 2023 (10:00 am to 4:00 pm) at EEE CAED Lab, RRCE, Bengaluru-560074.

### Participants:

Students of all streams who are interested in knowing the fundamentals of Matlab are invited to participate in the Course.

Registration fees: Nil

**Limited seats are available.  
On first come first serve basis.**

**PLEASE REGISTER IN ADVANCE.**

**From**

**09<sup>th</sup> to 13<sup>th</sup> January 2023  
(10:00 am to 4:00 pm)**

**Department of Electrical & Electronics  
Engineering  
Raja Rajeswari College of Engineering  
Mysore road, Kumbalagodu  
Bengaluru-560074  
Ph: + 91-80-28437124, +91-80-6566 6769**

## REGISTRATION FORM

Name :  
Designation :  
Organization :  
Address :  
Phone No. : Fax:  
E-mail :  
  
Date: Signature of the Participant  
  
Place: Seal and Signature of the Sponsoring Authority



## 5 Days Skill Development Workshop with Hands-on Training in "Familiarization of MatLAB toolbox"

On  
09<sup>th</sup> -13<sup>th</sup> January, 2023

1. Type of Event: 5 Days Skill Development Workshop (09<sup>th</sup> Jan – 13<sup>th</sup> Jan 2023)
2. Title of Event: "Familiarization of MatLAB toolbox"
3. Resource Person: Prof. Anandraj, Dept of Mechatronics, KLE Technological University, Bangalore.
4. Event Duration: 10.00 AM to 04.00 P.M, 09<sup>th</sup> Jan – 13<sup>th</sup> Jan 2023
5. Organizing Committee: Dr.R.Balakrishna, Principal, RRCE, Dr. S Usha, Dean Research, HOD (CSE)
6. Target Participants: EEE students (100 Participants)
7. Topics covered:
  - ❖ Fundamentals of Matlab
  - ❖ Variables creation
  - ❖ Introduction to toolboxes and technologies
  - ❖ Strings and arrays
  - ❖ Introduction to block-sets



*[Handwritten Signature]*  
HoD-EEE

Professor & HOD  
Dept. of Electrical & Electronics Engg.  
Rajarajeswari College Of Engineering  
Bengaluru-74

*[Handwritten Signature]*

Principal  
Principal  
RAJARAJESWARI  
COLLEGE OF ENGINEERING



# RajaKajeswari 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 Electrical & Electronics Engineering

5 Days Skill Development Workshop with Hands-on Training in  
"Familiarization of MatLAB toolbox"  
On

09<sup>th</sup> -13<sup>th</sup> January, 2023

SNo	USN No	Name of the student	Sem	Signature				
				09 <sup>th</sup> Jan	10 <sup>th</sup> Jan	11 <sup>th</sup> Jan	12 <sup>th</sup> Jan	13 <sup>th</sup> Jan
1.	1RR18EE005	DHANUSH KUMAR	VII	Dhanush	Dhanush	Dhanush	Dhanush	Dhanush
2.	1RR18EE033	VENUGOPAL	VII	Venugopal	Venugopal	Venugopal	Venugopal	Venugopal
3.	1RR19EE001	ABRIN NISHA J	VII	Abrin	Abrin	Abrin	Abrin	Abrin
4.	1RR19EE002	AKASH H Y	VII	Akash HY	Akash HY	Akash HY	Akash HY	Akash HY
5.	1RR19EE003	AKSHATHA D A	VII	Akshatha.DA	Akshatha.DA	Akshatha.DA	Akshatha.DA	Akshatha.DA
6.	1RR19EE004	ANUSHA S G	VII	Anusha.S.G	Anusha.S.G	Anusha.S.G	Anusha.S.G	Anusha.S.G
7.	1RR19EE005	BHOOMIKA J	VII	Bhoomika.J	Bhoomika.J	Bhoomika.J	Bhoomika.J	Bhoomika.J
8.	1RR19EE006	BRUNDA B	VII	Brunda	Brunda	Brunda	Brunda	Brunda
9.	1RR19EE007	CHANDAN KJ	VII	Chandan.K.J	Chandan.K.J	Chandan.K.J	Chandan.K.J	Chandan.K.J
10.	1RR19EE008	CHANNE GOWDA K	VII	Channegowda	Channegowda	Channegowda	Channegowda	Channegowda
11.	1RR19EE010	KRISHNA PAWAR	VII	K.Pawar	K.Pawar	K.Pawar	K.Pawar	K.Pawar
12.	1RR19EE011	KUMAR MANIKANTA P N	VII	Kumar	Kumar	Kumar	Kumar	Kumar
13.	1RR19EE012	LIKITH J	VII	Likith	Likith	Likith	Likith	Likith
14.	1RR19EE013	MANOJ G	VII	Manoj G	Manoj G	Manoj G	Manoj G	Manoj G
15.	1RR19EE014	MANOJ KUMAR R	VII	Manoj	Manoj	Manoj	Manoj	Manoj
16.	1RR19EE015	N LEELANJALI	VII	Leelanjani	Leelanjani	Leelanjani	Leelanjani	Leelanjani
17.	1RR19EE016	NEHA RAJ V G	VII	Neha	Neha	Neha	Neha	Neha
18.	1RR19EE017	NIVEDHA D	VII	Nivedha.D	Nivedha.D	Nivedha.D	Nivedha.D	Nivedha.D
19.	1RR19EE018	PRAJWAL D K	VII	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal
20.	1RR19EE019	PRATHIK V	VII	Prathik	Prathik	Prathik	Prathik	Prathik

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Email Id: hodeee@rrce.org

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21.	1RR19EE021	PREM SAGAR S	VII	Prem	Prem	Prem	Prem	Prem
22.	1RR19EE022	PURUSHOTHAM V	VII	Purushotham	Purushotham	Purushotham	Purushotham	Purushotham
23.	1RR19EE023	RAKESH G	VII	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh
24.	1RR19EE024	SHAMBHAVI M N	VII	Shambhavi	Shambhavi	Shambhavi	Shambhavi	Shambhavi
25.	1RR19EE025	SNEHA G	VII	Sneha	Sneha	Sneha	Sneha	Sneha
26.	1RR19EE026	SREEHARI K	VII	Sreehari	Sreehari	Sreehari	Sreehari	Sreehari
27.	1RR19EE027	SUHAS B	VII	Suhas	Suhas	Suhas	Suhas	Suhas
28.	1RR19EE028	SUVARNA P U	VII	Suvarna	Suvarna	Suvarna	Suvarna	Suvarna
29.	1RR19EE029	V VAMSI	VII	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi
30.	1RR19EE030	VAIBHAV S	VII	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav
31.	1RR19EE031	YASHAS S M	VII	Yashas S.M	Yashas S.M	Yashas S.M	Yashas S.M	Yashas S.M
32.	1RR19EE032	YATHISH GOWDA H	VII	Yathish	Yathish	Yathish	Yathish	Yathish
33.	1RR20EE400	SANJAY YADAV N	VII	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
34.	1RR20EE402	TEJASWINI R T	VII	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini
35.	1RR20EE403	UTTAM M	VII	Uttam	Uttam	Uttam	Uttam	Uttam
36.	1RR20EE001	LINGARAJ C S	V	Lingaraj	Lingaraj	Lingaraj	Lingaraj	Lingaraj
37.	1RR20EE002	RAKESH M	V	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh
38.	1RR20EE003	RIDA SHARIFF A	V	Rida	Rida	Rida	Rida	Rida
39.	1RR20EE004	ROHITH H	V	Rohith	Rohith	Rohith	Rohith	Rohith
40.	1RR20EE005	S DHANVI	V	Dhanvi	Dhanvi	Dhanvi	Dhanvi	Dhanvi
41.	1RR20EE006	SAHIL SHARMA	V	Sahil	Sahil	Sahil	Sahil	Sahil
42.	1RR20EE007	SEETHA LAKSHMI PERUT	V	Seetha	Seetha	Seetha	Seetha	Seetha
43.	1RR21EE400	SOMENDRAN B	V	Somen	Somen	Somen	Somen	Somen
44.	1RR21EE401	SHIVAMANI CR	V	Shivamani	Shivamani	Shivamani	Shivamani	Shivamani
45.	1RR21EE001	AFNAN SHARIFF A	III	Afnan	Afnan	Afnan	Afnan	Afnan
46.	1RR21EE002	AISHWARYA S	III	Aishu	Aishu	Aishu	Aishu	Aishu
47.	1RR21EE003	B PAVAN	III	Pavan	Pavan	Pavan	Pavan	Pavan

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## Department of Electrical & Electronics Engineering

48.	1RR21EE004	BHUMIKA K RAMESH	III	Bhumika K Ramesh	Bhumika K Ramesh	Bhumika K Ramesh	Bhumika K Ramesh	Bhumika K Ramesh
49.	1RR21EE005	JYOTHSNA RAM P	III	Jyothsna	Jyothsna	Jyothsna	Jyothsna	Jyothsna
50.	1RR21EE006	KEERTHANA GC	III	Keerthana G.C	Keerthana G.C	Keerthana G.C	Keerthana G.C	Keerthana G.C
51.	1RR21EE007	MANOJ K P	III	Manoj K.P	Manoj K.P	Manoj K.P	Manoj K.P	Manoj K.P
52.	1RR21EE008	MARUTHI T	III	Maruthi T	Maruthi T	Maruthi T	Maruthi T	Maruthi T
53.	1RR21EE009	MOHAMMED KAIF	III	Mohammed Kaif	Mohammed Kaif	Mohammed Kaif	Mohammed Kaif	Mohammed Kaif
54.	1RR21EE010	POOJA H PATEL	III	Pooja H Patel	Pooja H Patel	Pooja H Patel	Pooja H Patel	Pooja H Patel
55.	1RR21EE011	PUNITH N	III	Punith N	Punith N	Punith N	Punith N	Punith N
56.	1RR21EE012	VINUDHARANI K L	III	Vinudharani K.L	Vinudharani K.L	Vinudharani K.L	Vinudharani K.L	Vinudharani K.L
57.	1RR21EE013	VISHAL G	III	Vishal G	Vishal G	Vishal G	Vishal G	Vishal G
58.	1RR21EE014	VIVEK N	III	Vivek N	Vivek N	Vivek N	Vivek N	Vivek N
59.	1RR21EE015	YESHWANTH NAIDU M	III	Yeshwanth Naidu M	Yeshwanth Naidu M	Yeshwanth Naidu M	Yeshwanth Naidu M	Yeshwanth Naidu M
60.	1RR22EE400	BHARATH K GOWDA	III	Bharath K Gowda	Bharath K Gowda	Bharath K Gowda	Bharath K Gowda	Bharath K Gowda
61.	1RR22EE401	BHARATH N	III	Bharath N	Bharath N	Bharath N	Bharath N	Bharath N
62.	1RR22EE402	CHANDAN S P	III	Chandan S.P	Chandan S.P	Chandan S.P	Chandan S.P	Chandan S.P
63.	1RR22EE403	GAGAN.R	III	Gagan R	Gagan R	Gagan R	Gagan R	Gagan R
64.	1RR22EE404	GIRISH P BHANDARI	III	Girish P Bhandari	Girish P Bhandari	Girish P Bhandari	Girish P Bhandari	Girish P Bhandari
65.	1RR22EE405	HARSHITHA C	III	Harshitha C	Harshitha C	Harshitha C	Harshitha C	Harshitha C
66.	1RR22EE406	HIRE KURUBAR ANILKUMAR	III	K. Anil	K. Anil	K. Anil	K. Anil	K. Anil
67.	1RR22EE407	JOEL SIBI	III	Joel Sibi	Joel Sibi	Joel Sibi	Joel Sibi	Joel Sibi
68.	1RR22EE408	JYOTI	III	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti
69.	1RR22EE409	KEERTHANA B	III	Keerthana B	Keerthana B	Keerthana B	Keerthana B	Keerthana B
70.	1RR22EE410	MATHEW PAUL J	III	Mathew Paul	Mathew Paul	Mathew Paul	Mathew Paul	Mathew Paul
71.	1RR22EE411	PRAJWALA M P	III	Prajwal M.P	Prajwal M.P	Prajwal M.P	Prajwal M.P	Prajwal M.P
72.	1RR22EE412	PRAKRUTHI S	III	Prakruthi S	Prakruthi S	Prakruthi S	Prakruthi S	Prakruthi S
73.	1RR22EE413	RAKSHITHA S Y	III	Rakshitha S.Y	Rakshitha S.Y	Rakshitha S.Y	Rakshitha S.Y	Rakshitha S.Y

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Phone: +91-80-28437124 / 28437375

Email Id: hodeee@rrce.org

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



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## Department of Electrical & Electronics Engineering

74.	1RR22EE414	SAIVIVEK Y	III	Sai Vivek	Sai Vivek	Sai Vivek	Sai Vivek	Sai Vivek
75.	1RR22EE415	SHRUTHI GS	III	Shruthi G.S	Shruthi G.S	Shruthi G.S	Shruthi G.S	Shruthi G.S
76.	1RR22EE416	VIGNESH S	III	Vignesh S	Vignesh S	Vignesh S	Vignesh S	Vignesh S
77.	1RR22EE417	YASHVANTH SIDDU A S	III	Yashvanth	Yashvanth	Yashvanth	Yashvanth	Yashvanth
78.	1RR22EE001	ADARSH R K	III	Adarsh	Adarsh	Adarsh	Adarsh	Adarsh
79.	1RR22EE002	AKASH	III	Akash	Akash	Akash	Akash	Akash
80.	1RR22EE003	AKSHAY L	I	Akash	Akash	Akash	Akash	Akash
81.	1RR22EE004	ANUSHA M	I	Anusha	Anusha	Anusha	Anusha	Anusha
82.	1RR22EE005	ARUNKUMAR	I	Arun	Arun	Arun	Arun	Arun
83.	1RR22EE006	ASHER SUMITH	I	Asher	Asher	Asher	Asher	Asher
84.	1RR22EE007	BASAVARAJ	I	Basva	Basva	Basva	Basva	Basva
85.	1RR22EE008	CHIDANANDASWAMI	I	Nanda	Nanda	Nanda	Nanda	Basavaraj
86.	1RR22EE009	CHINMAY SWAROOP CP	I	chinmay	chinmay	chinmay	chinmay	Chidananda
87.	1RR22EE010	DEEKSHITHA REDDY S	I	Deekshitha	Deekshitha	Deekshitha	Deekshitha	Deekshitha
88.	1RR22EE011	DIVYA D	I	Divya	Divya	Divya	Divya	Divya
89.	1RR22EE012	G P ABHISHEK	I	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
90.	1RR22EE013	G VISHNU DATTA	I	vishnu	vishnu	vishnu	vishnu	vishnu
91.	1RR22EE014	JEEVAN P	I	Jeevan	Jeevan	Jeevan	Jeevan	Jeevan
92.	1RR22EE015	KIRANA.J	I	Kirana	Kirana	Kirana	Kirana	Kirana
93.	1RR22EE016	LIKITH A	I	Likith	Likith	Likith	Likith	Likith
94.	1RR22EE017	LITHISH M R	I	Lithish	Lithish	Lithish	Lithish	Lithish
95.	1RR22EE018	MADHUSUDHAN BIRADAR	I	Madhusudhan	Madhusudhan	Madhusudhan	Madhusudhan	Madhusudhan
96.	1RR22EE019	NITHIN A	I	Nithin	Nithin	Nithin	Nithin	Nithin
97.	1RR22EE020	PAVAN KUMAR R L	I	Pavan	Pavan	Pavan	Pavan	Pavan
98.	1RR22EE021	PRAJWAL	I	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal
99.	1RR22EE022	PRAJWAL L	I	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal

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100.	1RR22EE023	RAGINI SHARMA R	I	Ragini	Ragini	Ragini	Ragini	Ragini
101.	1RR22EE024	RISHITHA H S	I	Rishitha	Rishitha	Rishitha	Rishitha	Rishitha
102.	1RR22EE025	ROOPA R	I	Roopa	Roopa	Roopa	Roopa	Roopa
103.	1RR22EE026	SAMPRAS ANGELO	I	Sampras	Sampras	Sampras	Sampras	Sampras
104.	1RR22EE027	SHOBHITHA N	I	Shobhitha	Shobhitha	Shobhitha	Shobhitha	Shobhitha
105.	1RR22EE028	SHREYAS K S	I	Shreyas	Shreyas	Shreyas	Shreyas	Shreyas
106.	1RR22EE029	SIDDARAJU N	I	Siddaraju	Siddaraju	Siddaraju	Siddaraju	Siddaraju
107.	1RR22EE030	SONIYA M CHAVAN	I	Soniya	Soniya	Soniya	Soniya	Soniya
108.	1RR22EE031	SPANDANA S	I	Spandana	Spandana	Spandana	Spandana	Spandana
109.	1RR22EE032	SRIVATHSA N	I	Srivathsa	Srivathsa	Srivathsa	Srivathsa	Srivathsa
110.	1RR22EE033	SUBHASH G	I	Subhash	Subhash	Subhash	Subhash	Subhash
111.	1RR22EE034	SUSHMA L	I	Sushma	Sushma	Sushma	Sushma	Sushma
112.	1RR22EE035	TABASSUM A	I	Tabassum	Tabassum	Tabassum	Tabassum	Tabassum
113.	1RR22EE036	THEJAS GOWDA M L	I	Thejas	Thejas	Thejas	Thejas	Thejas
114.	1RR22EE037	ULLAS U	I	Ullas	Ullas	Ullas	Ullas	Ullas
115.	1RR22EE038	VIJAYKUMAR H K	I	Vijay	Vijay	Vijay	Vijay	Vijay
116.	1RR22EE039	WANEGAON ADITYA RAJKUMAR	I	Aditya	Aditya	Aditya	Aditya	Wanegeon
117.	1RR22EE040	YASHAS B	I	Yashas	Yashas	Yashas	Yashas	Yashas

HoD-EEE

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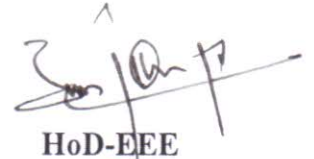
Department of Electrical & Electronics Engineering

## Circular

Date: 07/06/23

This is to inform that the RRCE Skill Lab and Department of EEE have planned to conduct 5 Days Skill Development Workshop with Hands-on Training in "Electric Vehicle Design" On 12<sup>th</sup> -16<sup>th</sup> June, 2023.

Interested students are requested to enroll their names to Dr. P Ebby Darney, HoD-EEE on or before 09<sup>th</sup> June 2023. Registration will be considered on first come first serve basis.



HoD-EEE

Professor & HOD  
Dept. of Electrical & Electronics Engg.  
Rajarajeswari College Of Engineering  
Bengaluru-74

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**Dr.A.C.Shanmugam**,B.A.L.L.B,FIMSA,FRCPS(Glasgow,U.K)  
Chairman, RajaRajeswari Group of Institutions,  
Bengaluru

### Patrons

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MIET.,(UK),LMCSI.,

Vice-Chairman, RajaRajeswari Group of Institutions,  
Bengaluru

**Dr. Vijayanand. S**, M.Tech, Ph.D

Executive Director, RajaRajeswari Group  
of Institutions, Bengaluru

**Sri. S. Jayabalan**

Special Officer, RajaRajeswari Group of  
Institutions, Bengaluru

**Sri. .Seetharam (Retd IAS Officer)**

CEO, RajaRajeswari Group of Institutions, Bengaluru

**Dr. Gopalakrishna Nair**

Rector, RajaRajeswari Group of  
Institutions, Bengaluru

### Chairman

**Dr. Balakrishna R**

Principal, RRCE

### Organizing Secretary

**Dr. P Ebby Darney**,

Head of the Department,

Dept. of Electrical and Electronics Engineering  
RRCE

### ORGANIZING COMMITTEE

#### Coordinators

1. Prof.Bharathi V

2. Prof. Avinash C M

All Staff members of EEE Dept.

## Address for communication

### Coordinators

1. Prof. Bharathi V ((9008535199)  
bharathivijay08@gmail.com
2. Prof.Avinash C M (9740369481)  
avinash.rrce@gmail.com

## Skill Development Workshop on Electric Vehicle Design

Department of Electrical and Electronics Engg.  
RajaRajeswari College of Engineering  
Kumbalagodu, Mysore road, Bengaluru-  
560074

### Course Outcome:

- To understand about basics of hybrid electric vehicle
- To understand about drives and control.
- Select battery, battery indication system for EV applications
- Design battery charger for an EV



## Skill Development Workshop on Electric Vehicle Design

From  
**12<sup>th</sup> June 2023 to 16<sup>th</sup> June 2023**  
(10:00 am to 4:00 pm)  
(By Prof. Mahesh B Patil, IIT, Bombay)

Organized by  
Department of Electrical & Electronics  
Engineering



## RAJARAJESWARI COLLEGE OF ENGINEERING (RRCE)

(Approved by AICTE, New Delhi )  
ACCREDITED BY NAAC , 'A+' Grade  
and NBA (ECE,CSE),  
ISO 9001:2008

#14, RAMOHALLI CROSS, KUMBALAGODU  
MYSORE ROAD, BENGALURU-560074  
KARNATAKA, INDIA,

Fax: +91- 80-28437373,

Ph: 080-28437124, 080-28437375, 080-65666769

Website: [www.rrce.org](http://www.rrce.org)

## ABOUT THE INSTITUTION

Rajarajeswari College of Engineering (RRCE) was established in the year 2006 under the shelter of Moogambigai Charitable and Educational Trust (estd. 1992) with the sole object of establishing Institutions of higher education of exemplary stature in the state of Karnataka.

RRCE is approved by AICTE, New Delhi and is affiliated to Visvesvaraya Technological University (VTU), Belgaum, and Karnataka. The Institute offers six UG Engineering courses (Civil, Mechanical, Electrical & Electronics, Electronics & Communication, Computer Science & Engineering and Information Science & Engineering) and five PG courses Viz. M.Tech (Digital Electronics and communication, Thermal Engineering and Computer science & Engineering), MBA & MCA. RRCE has four R&D centers. All the Departments have qualified staff and well equipped laboratories with state of the art equipment. The college has library and information center with very good collection, computer centers and sports facilities along with other amenities. The college is located by the side of Bengaluru - Mysore road and is 18km from Bangalore City Railway Station.

## ABOUT THE DEPARTMENT

The Department of Electrical & Electronics Engineering was established in the year 2006. The department is offering UG course in EEE. The department has experienced and well qualified senior Professors and dynamic faculty members. EEE department is highly dynamic in organizing various events like workshops, Technical seminars, expert lectures, FDPs and industrial visits etc for the benefit of staff and students. Department has well equipped laboratories.

## OBJECTIVE OF THE COURSE

This course will be a first level course on electric vehicle. Students will be able to understand the operation of battery driven electric vehicle. The course will start with introduction section which will enable the students to understand the focus areas that come under the umbrella of electric vehicles. Then the course will start covering this focus areas one by one such as types of EVs and its Challenges, Energy Source Technologies, Battery Charging Technologies, vehicle dynamics etc. So that the grip of the subject will be strong and the knowledge acquired will be useable in real time applications.

The FDP will be held from 12th June 2023 to 16th June 2023 (10:00 am to 4:00 pm) at EEE CAED Lab, RRCE, Bengaluru-560074.

### Participants:

Teachers who are handling Electrical Drives, Electrical Machines and Electric Vehicle are invited to participate in the Course.

Registration fees: Nil

**Limited seats are available.  
On first come first serve  
basis.**

**PLEASE REGISTER IN ADVANCE.**

## Skill Development Workshop on Electric Vehicle Design

From  
12<sup>th</sup> June 2023 to 16<sup>th</sup> June 2023  
(10:00 am to 4:00 pm)

Department of Electrical & Electronics  
Engineering  
RajaRajeswari College of Engineering  
Mysore road, Kumbalagodu  
Bengaluru-560074  
Ph: + 91-80-28437124, +91-80-6566 6769

### REGISTRATION FORM

Name :  
Designation :  
Organization :  
Address :  
Phone No. : Fax:  
E-mail :  
Date: Signature of the  
Participant  
Place: Seal and Signature of the  
Sponsoring Authority



## Department of Electrical & Electronics Engineering

### 5 DAYS SKILL DEVELOPMENT WORKSHOP ON "ELECTRIC VEHICLE DESIGN" FROM 12TH JUNE 2023 TO 16TH JUNE 2023

### Program Schedule

Date	10.00 AM to 11.00 AM	11.00 to 11.30 AM	11.30 AM to 01.00 PM	1.00 to 2.00PM	2.00 PM to 4.00 PM
12/06/23	Session 1: Registration & Inauguration	Tea	Session 2: Fundamentals of EV	Lunch	Session 3: Benefits of Using EVs
13/06/23	Session 4: Energy Source Technologies	Tea	Session 5: Battery Charging Technologies- Vehicle to Grid	Lunch	Session 6: EV Subsystems and Configurations
14/06/23	Session 7: Introduction to vehicle dynamics and tractive effort	Tea	Session 8: Introduction to vehicle dynamics and tractive effort	Lunch	Session 9: Battery Charging Technologies- Grid to Vehicle
15/06/23	Session 10: Introduction to battery management system	Tea	Session 11: Storage technologies	Lunch	Session 12: Charging techniques
16/06/23	Session 13: Overview of types of EVs and its Challenges	Tea	Session 14: Charging techniques	Lunch	Session 15: Performance of EV

  
HoD-EEE



## Department of Electrical & Electronics Engineering

### 5 DAYS SKILL DEVELOPMENT WORKSHOP ON "ELECTRIC VEHICLE DESIGN" FROM 12TH JUNE 2023 TO 16TH JUNE 2023

1. Type of Event: 5 Days Value added course (12<sup>th</sup> June – 16<sup>th</sup> June 2023)
2. Title of Event: "Electric Vehicle Design"
3. Resource Person: Prof. Mahesh B Patil, IIT, Bombay.
4. Event Duration: 10.00 AM to 04.00 P.M, 12th June – 16th June 2023
5. Organizing Committee: Dr.R.Balakrishna, Principal, RRCE, Dr. S Usha, Dean Research, HOD (CSE)
6. Target Participants: EEE students (100 Participants)
7. Topics covered:
  - ❖ Fundamentals of EV
  - ❖ Energy Source Technologies
  - ❖ Battery Charging Technologies- Grid to Vehicle
  - ❖ Overview of types of EVs and its Challenges
  - ❖ Introduction to vehicle dynamics and tractive effort



**HoD-EEE**

Professor & HOD

Dept. of Electrical & Electronics Engg.  
Rajarajeswari College Of Engineering  
Bengaluru-74

**Principal**

Principal

RAJARAJESWARI  
COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74



# RajaRajeswari College of Engineering

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Department of Electrical & Electronics Engineering

5 DAYS SKILL DEVELOPMENT WORKSHOP

ON

"ELECTRIC VEHICLE DESIGN"

FROM 12TH JUNE 2023 TO 16TH JUNE 2023

SNo	USN No	Name of the student	Sem	Signature				
				12 <sup>th</sup> June	13 <sup>th</sup> June	14 <sup>th</sup> June	15 <sup>th</sup> June	16 <sup>th</sup> June
1.	1RR20EE001	LINGARAJ C S	VI	Lingee	Lingee	Lingee	Lingee	Lingee
2.	1RR20EE002	RAKESH M	VI	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh
3.	1RR20EE003	RIDA SHARIFF A	VI	Rida	Rida	Rida	Rida	Rida
4.	1RR20EE004	ROHITH H	VI	Rohit	Rohit	Rohit	Rohit	Rohit
5.	1RR20EE005	S DHANVI	VI	S	S	S	S	S
6.	1RR20EE006	SAHIL SHARMA	VI	Sharma	Sharma	Sharma	Sharma	Sharma
7.	1RR20EE007	SEETHA LAKSHMI PERUT	VI	Seetha	Seetha	Seetha	Seetha	Seetha
8.	1RR21EE400	SOMENDRAN B	VI	Soma	Soma	Soma	Soma	Soma
9.	1RR21EE401	SHIVAMANI CR	VI	Shiv	Shiv	Shiv	Shiv	Shiv
10.	1RR21EE001	AFNAN SHARIFF A	IV	Afnan	Afnan	Afnan	Afnan	Afnan
11.	1RR21EE002	AISHWARYA S	IV	Aish	Aish	Aish	Aish	Aish
12.	1RR21EE003	B PAVAN	IV	Pavan	Pavan	Pavan	Pavan	Pavan
13.	1RR21EE004	BHUMIKA K RAMESH	IV	Bh	Bh	Bh	Bh	Bh
14.	1RR21EE005	JYOTHSNA RAM P	IV	Jy	Jy	Jy	Jy	Jy
15.	1RR21EE006	KEERTHANA GC	IV	Keer	Keer	Keer	Keer	Keer
16.	1RR21EE007	MANOJ K P	IV	Manoj	Manoj	Manoj	Manoj	Manoj
17.	1RR21EE008	MARUTHI T	IV	Maruthi	Maruthi	Maruthi	Maruthi	Maruthi
18.	1RR21EE009	MOHAMMED KAIF	IV	Kaif	Kaif	Kaif	Kaif	Kaif
19.	1RR21EE010	POOJA H PATEL	IV	Pooja	Pooja	Pooja	Pooja	Pooja
20.	1RR21EE011	PUNITH N	IV	Punith	Punith	Punith	Punith	Punith

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## Department of Electrical & Electronics Engineering

21.	1RR21EE012	VINUDHARANI K L	IV	<u>Vinudharani</u>	<u>Vinudharani</u>	<u>Vinudharani</u>	<u>Vinudharani</u>	<u>Vinudharani</u>
22.	1RR21EE013	VISHAL G	IV	<u>Vishal</u>	<u>Vishal</u>	<u>Vishal</u>	<u>Vishal</u>	<u>Vishal</u>
23.	1RR21EE014	VIVEK N	IV	<u>Vivek</u>	<u>Vivek</u>	<u>Vivek</u>	<u>Vivek</u>	<u>Vivek</u>
24.	1RR21EE015	YESHWANTH NAIDU M	IV	<u>Yeshwanth</u>	<u>Yeshwanth</u>	<u>Yeshwanth</u>	<u>Yeshwanth</u>	<u>Yeshwanth</u>
25.	1RR22EE400	BHARATH K GOWDA	IV	<u>Bharath</u>	<u>Bharath</u>	<u>Bharath</u>	<u>Bharath</u>	<u>Bharath</u>
26.	1RR22EE401	BHARATH N	IV	<u>Bharath</u>	<u>Bharath</u>	<u>Bharath</u>	<u>Bharath</u>	<u>Bharath</u>
27.	1RR22EE402	CHANDAN S P	IV	<u>Chandan</u>	<u>Chandan</u>	<u>Chandan</u>	<u>Chandan</u>	<u>Chandan</u>
28.	1RR22EE403	GAGAN.R	IV	<u>Gagan</u>	<u>Gagan</u>	<u>Gagan</u>	<u>Gagan</u>	<u>Gagan</u>
29.	1RR22EE404	GIRISH P BHANDARI	IV	<u>Girish</u>	<u>Girish</u>	<u>Girish</u>	<u>Girish</u>	<u>Girish</u>
30.	1RR22EE405	HARSHITHA C	IV	<u>Harshitha</u>	<u>Harshitha</u>	<u>Harshitha</u>	<u>Harshitha</u>	<u>Harshitha</u>
31.	1RR22EE406	HIRE KURUBAR ANILKUMAR	IV					
32.	1RR22EE407	JOEL SIBI	IV					
33.	1RR22EE408	JYOTI	IV	<u>Jyothi</u>	<u>Jyothi</u>	<u>Jyothi</u>	<u>Jyothi</u>	<u>Jyothi</u>
34.	1RR22EE409	KEERTHANA B	IV	<u>Keerthi</u>	<u>Keerthi</u>	<u>Keerthi</u>	<u>Keerthi</u>	<u>Keerthi</u>
35.	1RR22EE410	MATHEW PAUL J	IV					
36.	1RR22EE411	PRAJWALA M P	IV					
37.	1RR22EE412	PRAKRUTHI S	IV					
38.	1RR22EE413	RAKSHITHA S Y	IV	<u>Rakhi</u>	<u>Rakhi</u>	<u>Rakhi</u>	<u>Rakhi</u>	<u>Rakhi</u>
39.	1RR22EE414	SAIVIVEK Y	IV	<u>Saiiv</u>	<u>Saiiv</u>	<u>Saiiv</u>	<u>Saiiv</u>	<u>Saiiv</u>
40.	1RR22EE415	SHRUTHI GS	IV					
41.	1RR22EE416	VIGNESH S	IV	<u>Vign</u>	<u>Vign</u>	<u>Vign</u>	<u>Vign</u>	<u>Vign</u>
42.	1RR22EE417	YASHVANTH SIDDU A S	IV	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>
43.	1RR22EE001	ADARSH R K	II					
44.	1RR22EE002	AKASH	II	<u>Akash</u>	<u>Akash</u>	<u>Akash</u>	<u>Akash</u>	<u>Akash</u>
45.	1RR22EE003	AKSHAY L	II	<u>Akshay</u>	<u>Akshay</u>	<u>Akshay</u>	<u>Akshay</u>	<u>Akshay</u>
46.	1RR22EE004	ANUSHA M	II	<u>Anu</u>	<u>Anu</u>	<u>Anu</u>	<u>Anu</u>	<u>Anu</u>

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## Department of Electrical & Electronics Engineering

47.	1RR22EE005	ARUNKUMAR	II	<del>Arun</del>	<del>Arun</del>	<del>Arun</del>	<del>Arun</del>	<del>Arun</del>
48.	1RR22EE006	ASHER SUMITH	II	<del>Ashes</del>	<del>Ashes</del>	<del>Ashes</del>	<del>Ashes</del>	<del>Ashes</del>
49.	1RR22EE007	BASAVARAJ	II	<del>Basav</del>	<del>Basav</del>	<del>Basav</del>	<del>Basav</del>	<del>Basav</del>
50.	1RR22EE008	CHIDANANDASWAMI	II	<del>Chidan</del>	<del>Chidan</del>	<del>Chidan</del>	<del>Chidan</del>	<del>Chidan</del>
51.	1RR22EE009	CHINMAY SWAROOP CP	II	<del>Chin</del>	<del>Chin</del>	<del>Chin</del>	<del>Chin</del>	<del>Chin</del>
52.	1RR22EE010	DEEKSHITHA REDDY S	II	<del>De</del>	<del>De</del>	<del>De</del>	<del>De</del>	<del>De</del>
53.	1RR22EE011	DIVYA D	II	<del>Divya</del>	<del>Divya</del>	<del>Divya</del>	<del>Divya</del>	<del>Divya</del>
54.	1RR22EE012	G P ABHISHEK	II	<del>Abh</del>	<del>Abh</del>	<del>Abh</del>	<del>Abh</del>	<del>Abh</del>
55.	1RR22EE013	G VISHNU DATTA	II	<del>Vish</del>	<del>Vish</del>	<del>Vish</del>	<del>Vish</del>	<del>Vish</del>
56.	1RR22EE014	JEEVAN P	II	<del>Jeev</del>	<del>Jeev</del>	<del>Jeev</del>	<del>Jeev</del>	<del>Jeev</del>
57.	1RR22EE015	KIRANA.J	II	<del>Kirana</del>	<del>Kirana</del>	<del>Kirana</del>	<del>Kirana</del>	<del>Kirana</del>
58.	1RR22EE016	LIKITH A	II	<del>Likith</del>	<del>Likith</del>	<del>Likith</del>	<del>Likith</del>	<del>Likith</del>
59.	1RR22EE017	LITHISH M R	II	<del>Lith</del>	<del>Lith</del>	<del>Lith</del>	<del>Lith</del>	<del>Lith</del>
60.	1RR22EE018	MADHUSUDHAN BIRADAR	II	<del>Madh</del>	<del>Madh</del>	<del>Madh</del>	<del>Madh</del>	<del>Madh</del>
61.	1RR22EE019	NITHIN A	II	<del>Nith</del>	<del>Nith</del>	<del>Nith</del>	<del>Nith</del>	<del>Nith</del>
62.	1RR22EE020	PAVAN KUMAR R L	II	<del>Pav</del>	<del>Pav</del>	<del>Pav</del>	<del>Pav</del>	<del>Pav</del>
63.	1RR22EE021	PRAJWAL	II	<del>Praj</del>	<del>Praj</del>	<del>Praj</del>	<del>Praj</del>	<del>Praj</del>
64.	1RR22EE022	PRAJWAL L	II	<del>Praj</del>	<del>Praj</del>	<del>Praj</del>	<del>Praj</del>	<del>Praj</del>
65.	1RR22EE023	RAGINI SHARMA R	II	<del>Ragini</del>	<del>Ragini</del>	<del>Ragini</del>	<del>Ragini</del>	<del>Ragini</del>
66.	1RR22EE024	RISHITHA H S	II	<del>Rish</del>	<del>Rish</del>	<del>Rish</del>	<del>Rish</del>	<del>Rish</del>
67.	1RR22EE025	ROOPA R	II	<del>Roopa</del>	<del>Roopa</del>	<del>Roopa</del>	<del>Roopa</del>	<del>Roopa</del>
68.	1RR22EE026	SAMPRAS ANGELO	II	<del>Sampr</del>	<del>Sampr</del>	<del>Sampr</del>	<del>Sampr</del>	<del>Sampr</del>
69.	1RR22EE027	SHOBHITHA N	II	<del>Shobh</del>	<del>Shobh</del>	<del>Shobh</del>	<del>Shobh</del>	<del>Shobh</del>
70.	1RR22EE028	SHREYAS K S	II	<del>Shrey</del>	<del>Shrey</del>	<del>Shrey</del>	<del>Shrey</del>	<del>Shrey</del>
71.	1RR22EE029	SIDDARAJU N	II	<del>Sidhar</del>	<del>Sidhar</del>	<del>Sidhar</del>	<del>Sidhar</del>	<del>Sidhar</del>
72.	1RR22EE030	SONIYA M CHAVAN	II	<del>Soni</del>	<del>Soni</del>	<del>Soni</del>	<del>Soni</del>	<del>Soni</del>

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# Raja Rajeswari College of Engineering

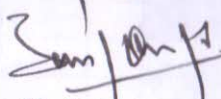
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## Department of Electrical & Electronics Engineering

73.	1RR22EE031	SPANDANA S	II	Spandana S	Spandana S	Spandana S	Spandana S	Spandana S
74.	1RR22EE032	SRIVATHSA N	II	Srivathsa N	Srivathsa N	Srivathsa N	Srivathsa N	Srivathsa N
75.	1RR22EE033	SUBHASH G	II	Subhash G	Subhash G	Subhash G	Subhash G	Subhash G
76.	1RR22EE034	SUSHMA L	II	Sushma L	Sushma L	Sushma L	Sushma L	Sushma L
77.	1RR22EE035	TABASSUM A	II	Tabassum A	Tabassum A	Tabassum A	Tabassum A	Tabassum A
78.	1RR22EE036	THEJAS GOWDA M L	II	Thejas Gowda M L	Thejas Gowda M L	Thejas Gowda M L	Thejas Gowda M L	Thejas Gowda M L
79.	1RR22EE037	ULLAS U	II	Ullas U	Ullas U	Ullas U	Ullas U	Ullas U
80.	1RR22EE038	VIJAYKUMAR H K	II	Vijaykumar H K	Vijaykumar H K	Vijaykumar H K	Vijaykumar H K	Vijaykumar H K
81.	1RR22EE039	WANEGAON ADITYA RAJKUMAR	II	Wanegaon Aditya Rajkumar	Wanegaon Aditya Rajkumar	Wanegaon Aditya Rajkumar	Wanegaon Aditya Rajkumar	Wanegaon Aditya Rajkumar
82.	1RR22EE040	YASHAS B	II	Yashas B	Yashas B	Yashas B	Yashas B	Yashas B

  
HoD-EEE



# RAJARAJESWARI COLLEGE OF ENGINEERING

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## Invitation

**ABOUT RRCE :-**  
RajaRajeswari College of Engineering came into existence in 2006 with the objective of becoming a Centre of excellence in technical education. In less than a decade it has carved a reputation for itself as institution that makes a positive difference in the lives of its students. Located off the Bangalore – Mysore highway, the college campus is a space devoted to offering the very best in terms of learning. The college is affiliated to VTU and approved by the AICTE and the Govt. of Karnataka. Accredited by NBA of the branches of CSE, ECE, EEE, ME& International Accreditation by HLACTION, Texas, UK. It offers Under Graduate programs in six engineering disciplines, besides masters programs. Departments such as Civil Engineering, Computer Science Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Information Science and Engineering, Mechanical Engineering, and Management Studies offer research programs leading to Ph.D and M.Sc. Engineering (by Research) of VTU. The RajaRajeswari College of Engineering campus has been designed as a complete. Self-contained Centre of excellence with modern classrooms, state-of-the-art labs, workshops, library, hostels, Wi-Fi enabled campus with high speed internet connectivity and advanced computing facilities. A 4000-seater auditorium, 300-seater conference hall and 6 seminar halls of 120 capacity each are regular venues for conferences, seminars and other events. A dedicated and highly qualified faculty has authored books and regularly publishes papers, with students too being encouraged to participate in the research process.

**CHIEF PATRON**  
**Dr. A.C.SHANMUGAM**  
B.A., LLB, FIMSA, FRCP(S)GLASGLOW, UK  
Chairman,  
RajaRajeswari Group of Institutions

**Sri. A.C.S.ARUN KUMAR**  
B.TECH(HONS),LMISTE, MIET,(UK), LMCSI  
Vice Chairman,  
RajaRajeswari Group of Institutions

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Sri. CN Seetharam., IAS(Retd.), CEO, RRG I  
Dr. S.Jeyabalan., Special Officer, RRG I

**CO - PATRONS**  
Dr.R.Balakrishna, Principal  
Dr.J.Amutharaj, Vice Principal

**ORGANIZING COMMITTEE**  
Dr. N. Muthukumar, HOD, MBA

**STAFF COORDINATORS**  
Mrs. Sowmya G., Asst Prof.,MBA.,  
Mobile :- 9620599311  
Ms.Manasa R., Asst Prof.,MBA.,  
Mobile :-9591575075  
Mrs.Meghana., Asst.Prof.,MBA.,  
Mobile :-7411927072

**STUDENT COORDINATORS**  
Kiran Kumar K R :- 9148548525  
Pallavi D :- 7026237963  
Keerthana V :- 9380265237  
Sahana K :- 7975523240  
Prajwal A S :- 9591152010

**RAJARAJESWARI COLLEGE OF ENGINEERING**  
#14, Ramohalli Cross, Kumbalgodu Post,Mysore Road, Bengaluru-560 074

**CORPORATE INTERFACE**

**From 21st to 27th  
January 2023**

Organized by  
**Department of Management Studies**

**ABOUT MBA DEPARTMENT:-**  
Department Management Studies in RRCE was established in the year 2008 with an intake of 60. It is equipped with multi-talented, highly experienced faculty and offers three specializations in HR, Finance and Marketing. The department has Research Centre recognized by VTU. The department has developed a special niche for itself in imparting quality management education. The students of the department are trained to be a perfect blend of current industry knowledge and skills of modern management.

Our MBA allows you to build your expertise by ensuring that the craftsmanship you have developed through experience is backed up with the full range of analysis tools available. It provides you with a framework within which your practical experience built up in one setting can be applied across a variety of business settings and international contexts.

An MBA degree offers many professional, as well as personal, benefits whether your interest lies in technology, finance, management, marketing or human resource, an MBA degree will open up opportunities for greater responsibility, career advancement, and increased financial reward. From a personal aspect, an MBA will improve your communication and leadership skills which are vital to professional success.

**ABOUT THE CORPORATE INTERFACE**  
The academia-industry collaboration or the corporate interface program is designed for the Management students pursuing courses like MBA in which the student is required to work with a corporate for some part of their course duration.

The need for highly-skilled professionals is going up every day. The initiative of academia-industry collaboration is the idea of MBA department to prepare their students for the corporate world outside and help them sustain in this highly competitive world. The urgent need of making the MBA students employable or in other terms industry-ready has compelled the management schools to redefine their curriculum and make industry interface as an important part of the course. The concept of 'classroom to industry' is gaining popularity and with more fresh students enrolling themselves for MBA courses, this concept helps them in being at par with the experienced students.

When studying MBA and looking forward to a bright future, gaining practical knowledge other than lectures and theories becomes important. In order to be at par with the rapidly changing scenarios of the job market, it is important for the MBA student to be industry-ready. A company looking for a MBA candidate will want him to have some practical knowledge about the industry, what are the latest trends and happenings in the industry. The decision should definitely be based on corporate interface tie-ups of the colleges offering MBA.

**THE PROGRAM BENEFIT INCLUDES:**

- ❖ The building of confidence and instilling of a positive attitude towards the work culture.
- ❖ Providing equal opportunity to the students who have zero work experience.
- ❖ Nurturing skills as well as knowledge
- ❖ Creating better employment prospects.

**DETAILS OF RESOURCE PERSON**

1. **Mr. Indranil Saha**, (IIM Calcutta) Regional Head - South India, DBS Bank.
2. **Mr. K R Rajendra Prasad**, HR-Business Partner, TVS Motor, Hosur.
3. **Mr. Arase Gowda**, Head Stores and Logistics, ACE Manufacturers System.
4. **Mr. Abhishek Kumar Mishra**, Head of Sales, Marketing & Operation – Apollo Spectra Hospital, Bangalore (IIM Calcutta).



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**Five Days Students Development Programme on  
“Corporate Interface”**

From 21/01/2023 to 27/01/2023

## **Syllabus**

Introduction to Corporate Communication: Meaning, Need and Scope of Corporate Communication towards

Indian Media Scenario

Keys concept in Corporate Communication: Corporate Identity: Meaning and Features Influencing Corporate Image; Corporate Image creation sustainability and Restoration (Online and traditional); Corporate Reputation and Management: Meaning, Advantages of Good Corporate Reputation

Ethics and Law in Corporate Communication: Importance of Ethics in Corporate Communication, Professional Code of Ethics

Introduction and Growth of Public Relations- Indian Scenario Meaning, Definitions, Scope, Objective and Significance of Public Relation in Business Tracing Growth of Public Relations, in India Internal and External PR; Reasons for Emerging International Public Relations, Mergers/Collaborations/Joint Ventures between Indian and international public relations agencies; Advantages and disadvantages of Public Relations Role of Public Relations in various sectors: Healthcare, Entertainment, Banking and Finance, Real estate, Fashion and Lifestyle and Service



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## Schedule

Session	Topics Covered	Resource Person
<b>Day 1</b>	Introduction to Corporate Communication: Meaning, Need and Scope of Corporate Communication towards Indian Media Scenario	<b>Mr. Abhishek Kumar Mishra, Head of Sales, Marketing &amp; Operation –Apollo Spectra Hospital, Bangalore (IIM Calcutta)</b>
<b>Day 2</b>	Keys concept in Corporate Communication: Corporate Identity: Meaning and Features Influencing Corporate Image; Corporate Image creation sustainability and Restoration (Online and traditional); Corporate Reputation and Management: Meaning, Advantages of Good Corporate Reputation	
<b>Day 3</b>	Ethics and Law in Corporate Communication: Importance of Ethics in Corporate Communication, Professional Code of Ethics	
<b>Day 4</b>	Introduction and Growth of Public Relations- Indian Scenario Meaning, Definitions, Scope, Objective and Significance of Public Relation in Business Tracing Growth of Public Relations, in India Internal and External PR	
<b>Day 5</b>	Reasons for Emerging International Public Relations, Mergers/Collaborations/Joint Ventures between Indian and international public relations agencies; Advantages and disadvantages of Public Relations Role of Public Relations in various sectors: Healthcare, Entertainment, Banking and Finance, Real estate, Fashion and Lifestyle and Service	



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## Department of Management Studies

1. TYPE OF EVENT : SEMINAR
2. TITLE OF THE EVENT : Corporate Interface
3. RESOURCE PERSON : Mr. Abhishek Kumar Mishra, Head of Sales,  
Marketing & Operation –Apollo Spectra Hospital,  
Bangalore (IIM Calcutta)
4. EVENT DURATION : 5 Days
5. VENUE : Chanakya Seminar Hall
6. INVITATION FOR : 2<sup>nd</sup> year MBA students
7. TARGET PARTICIPANTS : 2<sup>nd</sup> year MBA students
8. OUTCOME OF THE PROGRAM :
  - Students got to know about opportunities in Corporate
  - Students found importance of public relations
  - Student got the exposure of Professional Code of Ethics
  - Students got to know a clear path to advancement
  - Business Tracing Growth of Public Relations

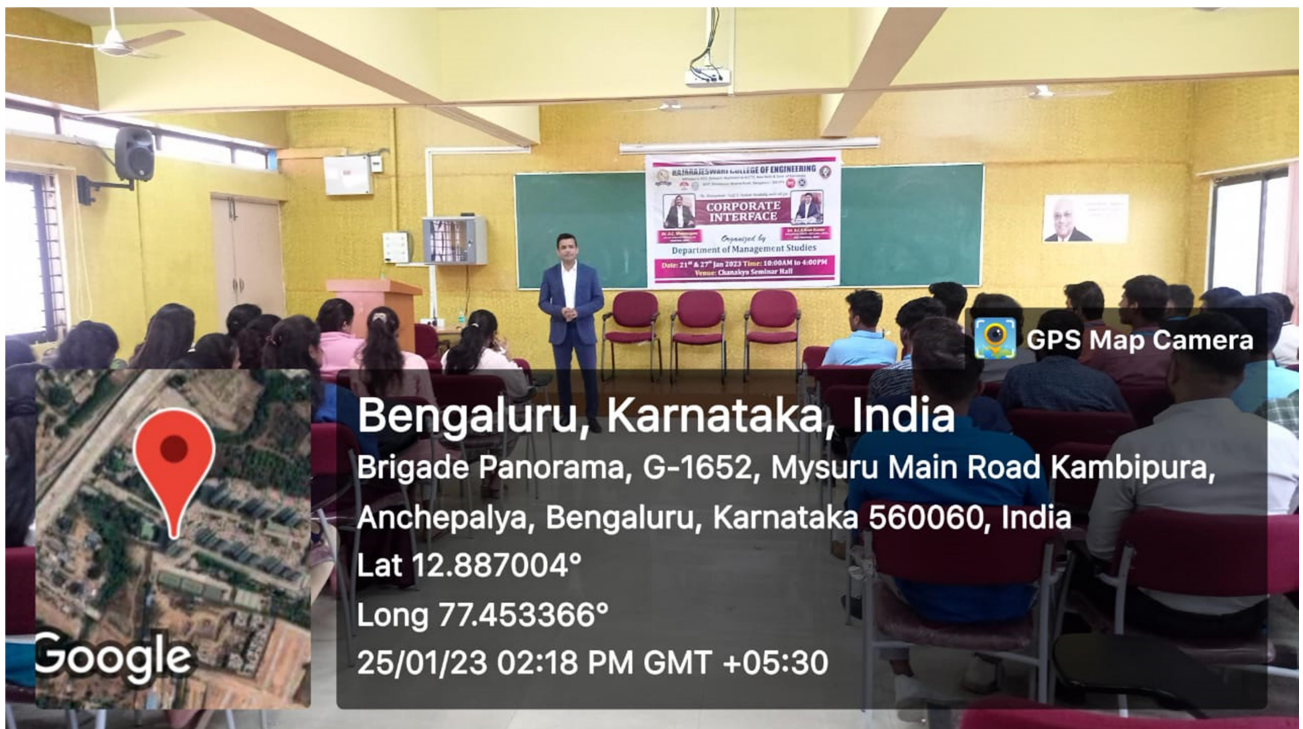


# RAJARAJESWARI COLLEGE OF ENGINEERING

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## Photo Gallery

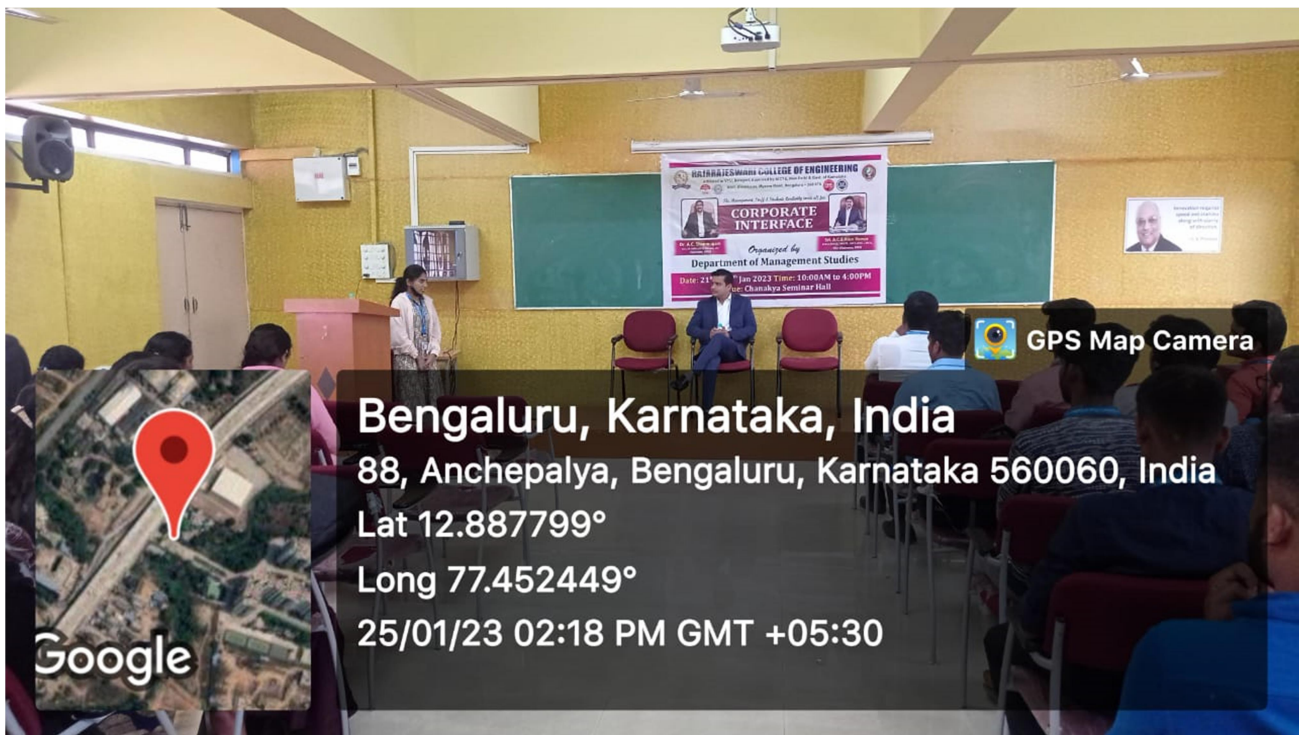




# RAJARAJESWARI COLLEGE OF ENGINEERING

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## RAJARAJESWARI COLLEGE OF ENGINEERING

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## RAJARAJESWARI COLLEGE OF ENGINEERING

#14, Ramohalli Cross, Kumbalgodu, Mysuru Road, Bengaluru - 560 074.  
(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi.)



### Certificate of Participation

This is to Certify that MR./Ms. *Ajith Kumar D* Participated in Five days Training programme held on *21st Jan 2023 to 27th Jan 2023* Organised by department of Management Studies, RajaRajeswari College of Engineering, Bengaluru, Karnataka.

Program Coordinator

Principal, RRCE

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## RAJARAJESWARI COLLEGE OF ENGINEERING

#14, Ramohalli Cross, Kumbalgodu, Mysuru Road, Bengaluru - 560 074.  
(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi.)



### Certificate of Participation

This is to Certify that MR./Ms. *Ashish Gowda M* Participated in Five days Training programme held on *21st Jan 2023 to 27th Jan 2023* Organised by department of Management Studies, RajaRajeswari College of Engineering, Bengaluru, Karnataka.

Program Coordinator

Principal, RRCE

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### Certificate of Participation

This is to Certify that MR./Ms. *Keerthana B* Participated in Five days Training programme held on *21st Jan 2023 to 27th Jan 2023* Organised by department of Management Studies, RajaRajeswari College of Engineering, Bengaluru, Karnataka.

Program Coordinator

Principal, RRCE

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### Certificate of Participation

This is to Certify that MR./Ms. *Pallavi D* Participated in Five days Training programme held on *21st Jan 2023 to 27th Jan 2023* Organised by department of Management Studies, RajaRajeswari College of Engineering, Bengaluru, Karnataka.

Program Coordinator

Principal, RRCE

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## Certificate of Participation

This is to Certify that MR./Ms. *Sneha Y M* Participated in Five days Training programme held on *21st Jan 2023 to 27th Jan 2023* Organised by department of Management Studies, RajaRajeswari College of Engineering, Bengaluru, Karnataka.

*N.M.Th*  
  
Program Coordinator

*J. Reddy*  
  
Principal, RRCE

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# RAJARAJESWARI COLLEGE OF ENGINEERING

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## Five Days Students Development Programme on “Corporate Interface”

From 21/01/2023 to 27/01/2023

### FEED BACK FORM

Sr. No.	Aspects	Excellent	Very Good	Good	Satisfactory
1	The training Program was scheduled at a suitable time.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	The training Program facilities and location were appropriate and satisfactory.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	The training Program material was presented in a clear and organized manner.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	The presenter responded to questions an informative, appropriate and satisfactory manner.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Handouts (if provided) were clear and useful.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Overall, the session was informative and valuable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Reason for your rating:				
8	In what ways could this workshop have been improved to better suit your needs?				



# RajaRajeswari College of Engineering



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Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

## Department of Management Studies

### Five days Certificate Program on Corporate Interface

21<sup>st</sup> Jan 2023 to 27<sup>th</sup> Jan 2023

### Attendance List

S/No	USN	Student Name	21/01/2023	23/01/2023	24/01/2023	25/01/2023	27/01/2023
1	1RR21BA001	AJITH KUMAR D	Ajith Kumar D	Ajith Kumar D	Ajith Kumar D	Ajith Kumar D	Ajith Kumar D
2	1RR21BA002	AKSHATHA K S	Akshatha K S	Akshatha K S	Akshatha K S	Akshatha K S	Akshatha K S
3	1RR21BA003	AKSHATHA N	Akshatha N	Akshatha N	Akshatha N	Akshatha N	Akshatha N
4	1RR21BA004	AMRUTHA GOWDA H M	Amrutha H M	Amrutha H M	Amrutha H M	Amrutha H M	Amrutha H M
5	1RR21BA005	ANIL M R	Anil M R	Anil M R	Anil M R	Anil M R	Anil M R
6	1RR21BA006	ASHISH GOWDA M	Ashish M	Ashish M	Ashish M	Ashish M	Ashish M
7	1RR21BA007	BASAVARAJ PARASAPPA AINAPUR	Basavaraj	Basavaraj	Basavaraj	Basavaraj	Basavaraj
8	1RR21BA008	BHARGAVI V	Bhargavi V	Bhargavi V	Bhargavi V	Bhargavi V	Bhargavi V
9	1RR21BA009	BHAVANI B S	Bhavani B S	Bhavani B S	Bhavani B S	Bhavani B S	Bhavani B S
10	1RR21BA010	BINDU R	Bindu R	Bindu R	Bindu R	Bindu R	Bindu R
11	1RR21BA011	CHANDRASHEKHAR S	Chandrashekar S	Chandrashekar S	Chandrashekar S	Chandrashekar S	Chandrashekar S
12	1RR21BA012	CHEZHAN K H	Chethan K H	Chethan K H	Chethan K H	Chethan K H	Chethan K H
13	1RR21BA013	DARSHAN D R	Darshan D R	Darshan D R	Darshan D R	Darshan D R	Darshan D R
14	1RR21BA014	DINESH D S	Dinesh D S	Dinesh D S	Dinesh D S	Dinesh D S	Dinesh D S
15	1RR21BA015	GANESH K M	Ganesh K M	Ganesh K M	Ganesh K M	Ganesh K M	Ganesh K M
16	1RR21BA016	GOVINDARAJU M	Govindaraju M	Govindaraju M	Govindaraju M	Govindaraju M	Govindaraju M
17	1RR21BA017	HARSHA V S	Harsha V S	Harsha V S	Harsha V S	Harsha V S	Harsha V S
18	1RR21BA018	HARSHITHA G K	Harshitha G K	Harshitha G K	Harshitha G K	Harshitha G K	Harshitha G K
19	1RR21BA019	HARSHITHA R	Harshitha R	Harshitha R	Harshitha R	Harshitha R	Harshitha R
20	1RR21BA020	HEMALATHA B R	Hemalatha B R	Hemalatha B R	Hemalatha B R	Hemalatha B R	Hemalatha B R
21	1RR21BA021	JEEVAN K Y	Jeevan K Y	Jeevan K Y	Jeevan K Y	Jeevan K Y	Jeevan K Y
22	1RR21BA022	KEERTHAN M S	Keerthan M S	Keerthan M S	Keerthan M S	Keerthan M S	Keerthan M S
23	1RR21BA023	KEERTHANA B	Keerthana B	Keerthana B	Keerthana B	Keerthana B	Keerthana B
24	1RR21BA024	KEERTHANA V	Keerthana V	Keerthana V	Keerthana V	Keerthana V	Keerthana V
25	1RR21BA025	KEERTHI C I	Keerthi C I	Keerthi C I	Keerthi C I	Keerthi C I	Keerthi C I
26	1RR21BA026	KIRANKUMAR K R	Kirankumar K R	Kirankumar K R	Kirankumar K R	Kirankumar K R	Kirankumar K R
27	1RR21BA027	KOWSHALYA H R	Kowshalya H R	Kowshalya H R	Kowshalya H R	Kowshalya H R	Kowshalya H R
28	1RR21BA028	MADHAN C D	Madhan C D	Madhan C D	Madhan C D	Madhan C D	Madhan C D
29	1RR21BA029	MADHAN C V	Madhan C V	Madhan C V	Madhan C V	Madhan C V	Madhan C V
30	1RR21BA030	MINAMANURU CHAMANTHI	Minamanuru Chamanthi	Minamanuru Chamanthi	Minamanuru Chamanthi	Minamanuru Chamanthi	Minamanuru Chamanthi

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

Phone: +91-80-28437124 / 28437375

Email Id: principal@rrce.org

Website: https://www.rrce.org



# RajaRajeswari College of Engineering



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Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

## Department of Management Studies

1	1RR21BA031	NAGARAJU A	<del>ne ju.A</del>	<del>Ab ju.A</del>	<del>no ju.A</del>	<del>As ju.A</del>	<del>ne ju.A</del>
2	1RR21BA032	NARENDRA R	FB	AB	Narundia.R.	AB	AB
4	1RR21BA033	NISHANTH R	Nishanth.R	Nishanth.R	Nishanth.R.	Nishanth.R	Nishanth.R
5	1RR21BA034	NIVEDITHA B	Niveditha	Niveditha	Niveditha	Niveditha	Niveditha
6	1RR21BA035	PADMAVATHI E	Padmavathi	Padmavathi	Padmavathi	Padmavathi	Padmavathi
7	1RR21BA036	PALLAVI D	Pallavi.D	Pallavi.D	Pallavi.D	Pallavi.D	Pallavi.D
8	1RR21BA037	PRAJWAL A S	Prajwal.AS	Prajwal.AS	Prajwal.AS	Prajwal.AS	Prajwal.AS
9	1RR21BA038	PRASANNA R	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna
10	1RR21BA039	PUSHPA K S	Pushpa	Pushpa	Pushpa	Pushpa	Pushpa
11	1RR21BA040	RAMYA H G	Ramya	Ramya	Ramya	Ramya	Ramya
12	1RR21BA041	RAMYA S	Ramya.S	Ramya.S	Ramya.S	Ramya.S	Ramya.S
13	1RR21BA042	ROOPA P S	Roopa	Roopa	Roopa	Roopa	Roopa
15	1RR21BA043	SAHANA K	Sahana.K.	Sahana.K.	Sahana.K.	Sahana.K.	Sahana.K.
16	1RR21BA044	SAHANA K S	Sahana.K.S	Sahana.K.S	Sahana.K.S	Sahana.K.S	Sahana.K.S
17	1RR21BA045	SANJAY T N	Sanjay.T.N.	Sanjay.T.N.	Sanjay.T.N.	Sanjay.T.N.	Sanjay.T.N.
18	1RR21BA046	SANTHOSH K M	Santhosh.K.M	Santhosh.K.M	Santhosh.K.M	Santhosh.K.M	Santhosh.K.M
19	1RR21BA047	SHASHANK P	Shashank.P	Shashank.P	Shashank.P	Shashank.P	Shashank.P
20	1RR21BA048	SHRISHAIL BASAVARAJ HUNAGUND	Shrishail	Shrishail	Shrishail	Shrishail	Shrishail
21	1RR21BA049	SNEHA Y M	Sneha.Y.M	Sneha.Y.M	Sneha.Y.M	Sneha.Y.M	Sneha.Y.M
22	1RR21BA050	SUDARSHAN S	Sudarshan	Sudarshan	Sudarshan	Sudarshan	Sudarshan
23	1RR21BA051	SUJANA A	Sujana	Sujana	Sujana	Sujana	AB
24	1RR21BA052	SURASHI N S	Surashi	Surashi	Surashi	Surashi	AB
25	1RR21BA053	SURESH M C	Suresh.M.C	Suresh.M.C	Suresh.M.C	Suresh.M.C	Suresh.M.C
26	1RR21BA054	SWAPNA SD	Swapna	Swapna	Swapna	Swapna	Swapna
27	1RR21BA055	VINUTHA B	Vinutha	Vinutha	Vinutha	Vinutha	Vinutha
28	1RR21BA056	YASHASHWINI V	Yashashwini	Yashashwini	Yashashwini	Yashashwini	Yashashwini
29	1RR21BA057	YESHWANTH V	Yeshwanth	Yeshwanth	Yeshwanth	Yeshwanth	Yeshwanth
30	1RR21BA058	YUGENDRA R	Yugendra	Yugendra	Yugendra	Yugendra	Yugendra

Nitoo



# RajaRajeswari College of Engineering



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Department of Robotics and Automation

## Circular

Date: 05/12/22

This is to inform that the RRCE Skill Lab and Department of R&A have planned to conduct Five Days Skill Development Workshop "Entrepreneurship" On 12<sup>th</sup> -16<sup>th</sup> December 2022.

Interested students are requested to enroll their names to Dr. M. Karthikeyan, HoD-R&A on or before 09<sup>th</sup> December 2022. Registration will be considered on a first come first serve basis.

  
HoD-R&A

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

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

Phone: +91-80-28437124 / 28437375

Email Id: hodra@rrce.org

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



## Five days skill development workshop

On

“Entrepreneurship”

12<sup>th</sup> - 16<sup>th</sup> December 2022

Organized by

DEPARTMENT OF ROBOTICS AND  
AUTOMATION

**RAJARAJESWARI COLLEGE OF  
ENGINEERING**  
(NBA, NAAC 'A+' Grade, HLAAC-Accredited)

ISO 9001-2008 Certified Institution)

#14, Ramohalli, Mysuru Road,  
Kumbalagodu, Bengaluru-560 074.

Phone: +91-80-28437512, +91-80-28437375

Fax: + 91-80-28437373, [www.rrce.org](http://www.rrce.org)

### ABOUT MCET:

Moogambigai Charitable and Educational Trust, Bengaluru was established in the year 1992 with the sole objective of starting Institutions of higher education of exemplary stature in the state of Karnataka. In furtherance of this objective, the trust has been establishing institutions of higher learning in the state. Presently the trust is running 07 institutions in Karnataka and 19 institutions in Tamil Nadu in the field of Medical, Dental, Engineering, and Management.

### ABOUT RRCE:

Rajarajeswari College of Engineering (RRCE) was established in the year 2006. The Institution is recognized by AICTE, New Delhi, approved by Govt. of Karnataka & is affiliated to Visvesvaraya Technological University (VTU), Belagavi. The Institution is accredited by NBA (ME, CSE, ECE & EE), NAAC 'A+' Grade, HLAAC, and ISO 9001-2008 Certified. The institution offers UG courses in the disciplines of ME, EEE, CIVIL, ECE, CSE, ISE and AI&ML. Post Graduation Courses in Computer Science & Engineering, MBA, MCA & Research Programs in the Department of Mechanical Engineering, Computer Science & Engineering, Management Studies & Mathematics, Physics, Chemistry, Electronics and Communication Engineering, Civil Engineering leading to M.Sc (Engg.) by Research & Ph.D. programs of VTU. The faculty members are highly qualified & experienced. The campus is Wi-Fi enabled with well-equipped state-of-the-art laboratories, computing facilities, library, sports, and hostel facilities for boys and girls. The college conducted more numbers of International conferences, National conferences, FDP, Seminars, etc. The college is located at a distance of 18kms from Bengaluru City Railway Station on Mysuru road.

### ABOUT THE DEPARTMENT:

The Department of Robotics and Automation Engineering was started in the year 2021. The department has highly qualified and well-experienced faculty with a good track record in Academic, research, and Industry. The department has established with state of art laboratory facilities with advanced simulation software, and robots. Within 2 years, the department has conducted workshops, FDP's, Seminars, and Industrial Visits.

### OBJECTIVE OF THE FDP:

A skill development program on entrepreneurship can help individuals develop the necessary knowledge and abilities to start and manage their own businesses. Here is an outline of topics and activities that can be included in such a program:

1. Introduction to Entrepreneurship:
  - Definition and characteristics of entrepreneurship.
  - Importance of entrepreneurship in economic growth and job creation.
  - Identifying entrepreneurial opportunities.
2. Business Planning:
  - Understanding the components of a business plan.
  - Conducting market research and feasibility studies.
  - Setting business goals and objectives.
  - Developing a marketing and sales strategy.
  - Financial planning and forecasting.
3. Legal and Regulatory Considerations:
  - Registering a business and obtaining necessary licenses and permits.
  - Understanding tax obligations and compliance.
  - Intellectual property rights and protection.
4. Financial Management:
  - Basics of accounting and bookkeeping.
  - Managing cash flow and budgeting.
  - Sources of financing and funding options.
  - Understanding financial statements and ratios.



#### 5. Marketing and Sales:

- Market segmentation and target audience identification.
  - Branding and positioning.
  - Developing a marketing mix (product, price, place, promotion).
  - Sales techniques and customer relationship management.
6. Operations and Resource Management:
- Managing operations efficiently.
  - Supply chain management.
  - Inventory management.
  - Human resource management and team building.
7. Innovation and Creativity:
- Encouraging innovation and creativity in business.
  - Identifying and evaluating new business ideas.
  - Strategies for staying ahead of the competition.

#### TOPICS TO BE COVERED:

1. Introduction to Entrepreneurship
2. Business Planning
3. Legal and Regulatory Considerations
4. Financial Management
5. Marketing and Sales:
6. Operations and Resource Management
7. Innovation and Creativity
8. Risk Management and Problem-Solving

#### EXPECTED OUTCOME:

The course aims to introduce the participants to fundamental entrepreneurship development so that they can understand the requirements and challenges in this area. The applied aspect of this workshop will be the practical sessions where they can apply this knowledge in decision-making.

#### TARGET AUDIENCE:

The workshop is open for students, research scholars, professionals, executives and entrepreneurs who have interest in understanding entrepreneurship development and related aspects. At every stage of life, an entrepreneurial attitude matters a lot and can be beneficial for the participants.

#### REGISTRATION:

All registration will be done through filling registration form.

#### CHIEF PATRON:

**Dr. A C Shanmugham,**  
B.A.LL.B, FIMSA, FRCPS (Glasgow, UK)  
Former MLA., MP.,  
Chairman, RajaRajeswari Group of Institutions

**Sri. A.C.S. Arun Kumar, B.Tech (Hons),  
LMISTE.,MIET.,(UK), LMCSI.**

**President, RajaRajeswari Group of Institutions.**

#### PATRONS:

**Dr. S Vijayanand**  
Executive Director, RajaRajeswari Group of Institutions

**Sri CN Seetharam, IAS (Retd)**  
Chief Executive officer, RRGII

**Dr. S Jayabalan**  
Special Officer, RRGII

#### CO-PATRONS

**Dr. R. Balakrishna**  
Principal, RRCE

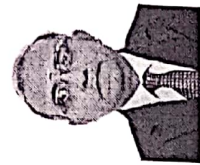
#### ORGANIZING SECRETARY

**Dr.M.Karthikeyan**  
Professor  
Department of Robotics and automation, RRCE

#### COORDINATOR

**Dr.Satheesha V**  
Associate Professor  
Department of Robotics and automation, RRCE

#### ABOUT THE ORGANIZING SECRETARY



Dr.M.Karthikeyan is working as a Professor in the Department of Mechanical Engineering. He has 25 years of teaching, which includes research experience. He has completed his Ph.D. in the field of Mechanical Engineering. He has published 23+ research papers in reputed internal journals in the field of industrial engineering, materials testing.

He has organized and conducted International Conferences, National Conferences, workshops, seminars, FDP's, Orientation Programs, Expert lecturers, webinars in the various specialization of industrial engineering, material testing, welding, etc. He has obtained funding from Anna University, Tamil Nadu State Council for Science and Technology (TNSCST), Indian National

Academy of Engineering (INAE), All India Council for Technical Education (AICTE) to conduct various Faculty Development Programme (FDP), Undergraduate projects, etc. He has guided UG, PG project works and guided one Ph.D. student. He has visited Malaysia, and Singapore to deliver a technical lectures and participated in International Conferences.

He is an active Life member of various technical societies such as

- Life member in the Indian Society of Technical Education (ISTE).
- Life member in the Indian Institute of Industrial Engineering (IIIE).
- Member of the Institution of Engineers (IE).

#### ADDRESS FOR COMMUNICATION

**Dr.Satheesha V**  
Associate Professor  
Department of Robotics and Automation, RRCE  
RajaRajeswari College of Engineering,  
Mysore road, Kumbalagodu,  
Bengaluru -560074.  
Mail id: [satheeshav@rrce.org](mailto:satheeshav@rrce.org)  
Contact No: 9886899637



# RajaRajeswari College of Engineering



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Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

Department of Robotics and Automation

## 5 Days Skill Development Workshop on "Entrepreneurship"

From 12<sup>th</sup> to 16<sup>th</sup> December, 2022.

### Program Schedule

Date	10.00 AM to 11.00 AM	11.00 to 11.30 AM	11.30 AM to 01.00 PM	1.00 to 2.00PM	2.00 PM to 4.00 PM
12/12/22	Session 1: Registration & Inauguration	Tea	Session 2: Introduction to Entrepreneurship	Lunch	Session 3: Business Planning
13/12/22	Session 4: Legal and Regulatory Considerations:	Tea	Session 5: Financial Management:	Lunch	Session 6: Marketing and Sales: •
14/12/22	Session 7: Operations and Resource Management	Tea	Session 8: Characteristics of a successful Entrepreneur.	Lunch	Session 9: Innovation and Creativity
15/12/22	Session 10: Promotional Agencies for Entrepreneurship	Tea	Session 11: Venture Capital	Lunch	Session 12: Case study on Self Help Group
16/12/22	Session 13: Sources of Finance; Commercial Banks, Development Banks, Insurance companies, NBFCs.	Tea	Session 14: Business Opportunities Analysis & Identification	Lunch	Session 15: Participants Feed back

  
Coordinator

  
HoD-R&A

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

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

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Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

Department of Robotics and Automation

5 Days Skill Development Workshop

On

“Entrepreneurship”

From 12<sup>th</sup> December to 16<sup>th</sup> December, 2022

1. Type of Event: 5 Days Skill Development Workshop
2. Title of Event: “Entrepreneurship”
3. Resource Person: Mr.Murulidhar K S,  
Founder, and Director,  
Jatayu Staffing Force Pvt. Ltd and Quantum Technic Pvt Ltd,  
Bengaluru.
4. Event Duration: 10.00 AM to 04.00 P.M, From 12<sup>th</sup> -16<sup>th</sup> December 2022
5. Organizing Committee: Dr. R.Balakrishna, Principal, RRCE,  
Dr. S Usha, Dean Research, HOD (CSE)
6. Target Participants: R&A, Mechanical and MBA students (100 Participants)
7. Topics covered:
  - ❖ Introduction to Entrepreneurship
  - ❖ Business Planning
  - ❖ Legal and Regulatory Considerations
  - ❖ Financial Management
  - ❖ Marketing and Sales:
  - ❖ Operations and Resource Management
  - ❖ Innovation and Creativity
  - ❖ Risk Management and Problem-Solving

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

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Email Id: hodra@rrce.org

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



# RajaRajeswari College of Engineering

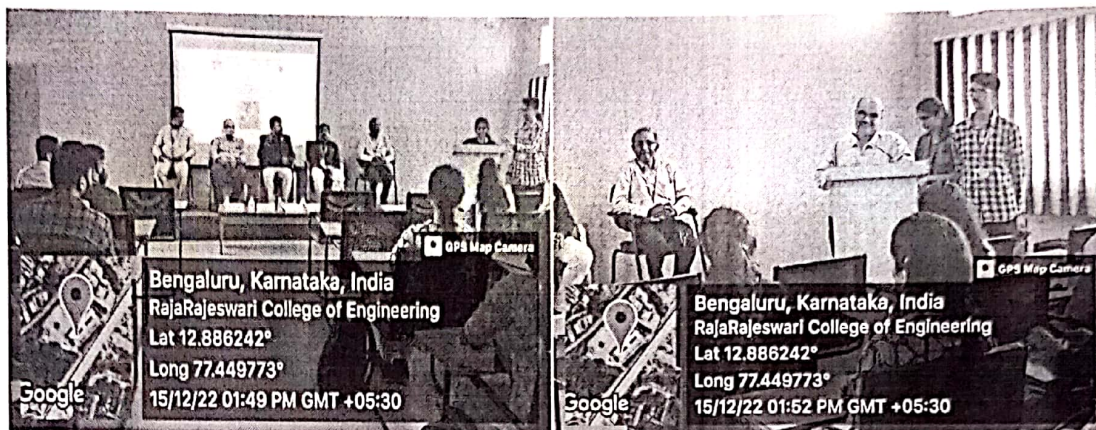


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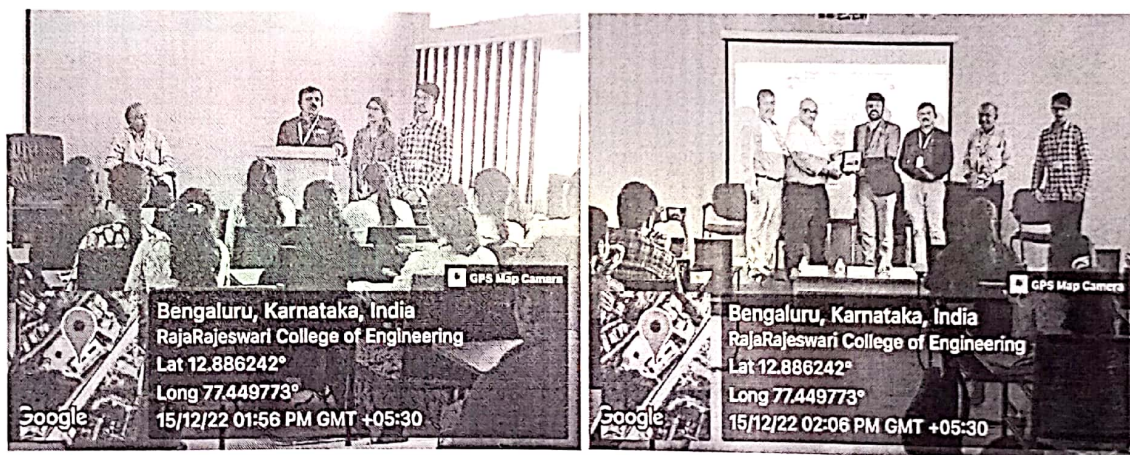
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Department of Robotics and Automation

## Geotagged Photos of the Workshop



Dr.R.Balakrishna, Principal addressing the programme



Dr.J.Amutharaj, Vice-Principal addressing the programme

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Department of Robotics and Automation



Chief Guest Mr.Murulidhar K S is addressing the students

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



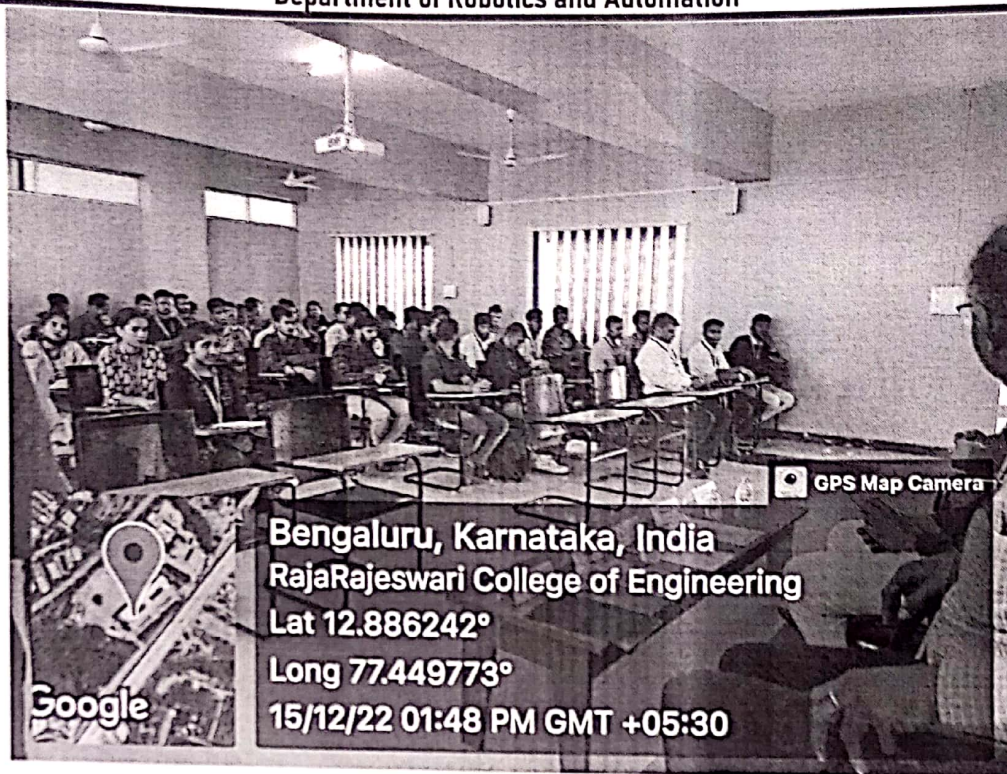
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## Department of Robotics and Automation



Google

Bengaluru, Karnataka, India  
RajaRajeswari College of Engineering  
Lat 12.886242°  
Long 77.449773°  
15/12/22 01:48 PM GMT +05:30

GPS Map Camera



Google

Bengaluru, Karnataka, India  
RajaRajeswari College of Engineering  
Lat 12.886242°  
Long 77.449773°  
15/12/22 01:48 PM GMT +05:30

GPS Map Camera

Staff and Students were attending the programme

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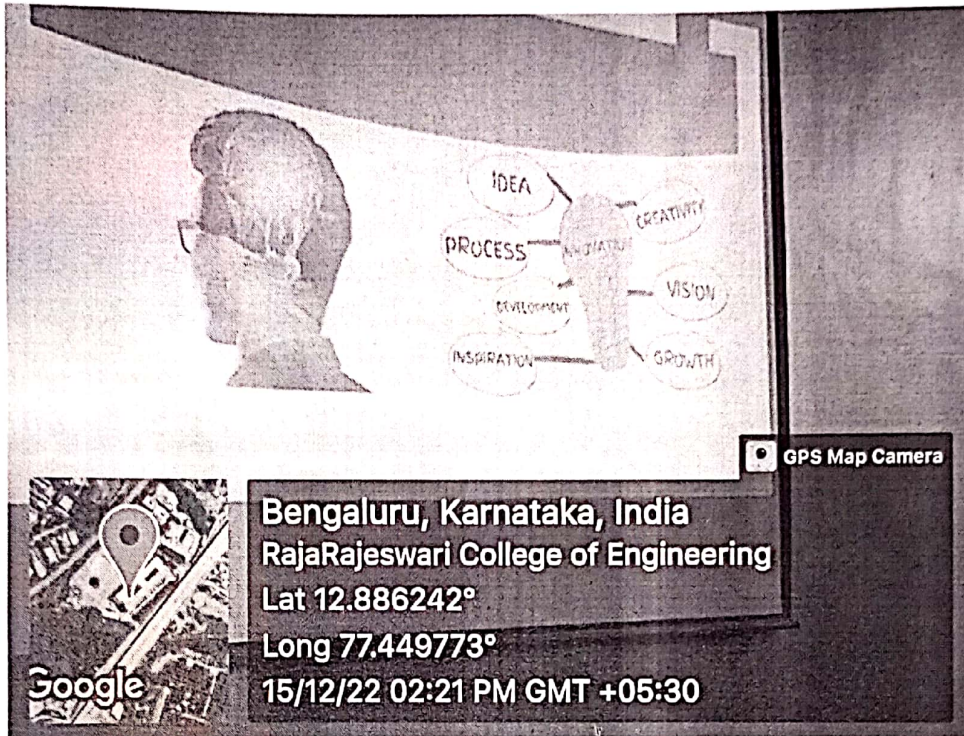
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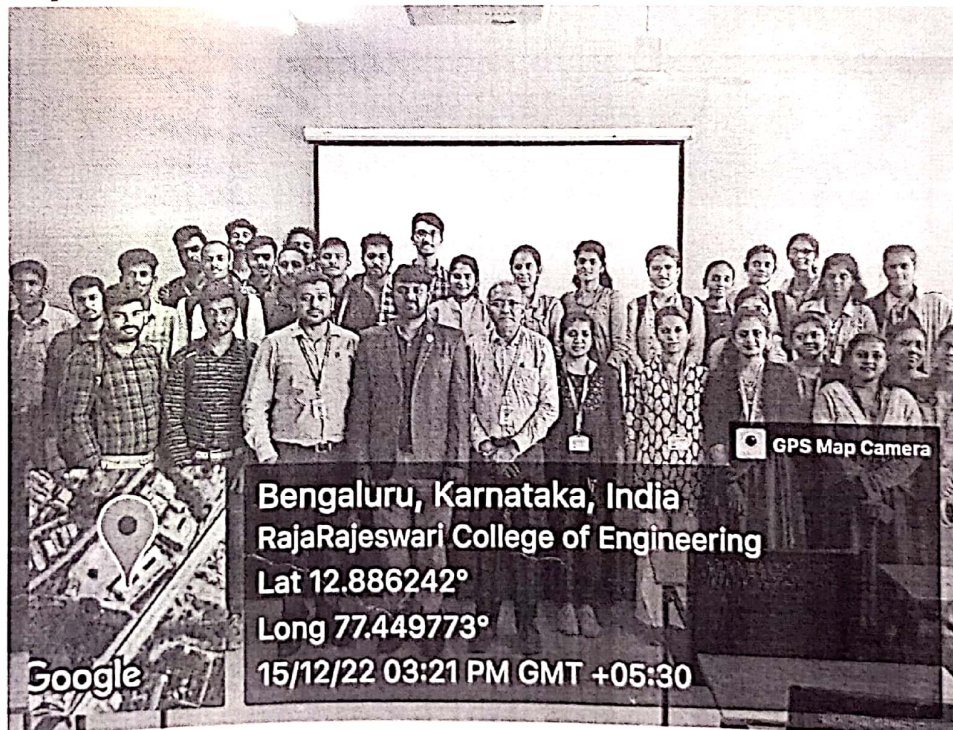
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Department of Robotics and Automation



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Speaker brief about the entrepreneurship skill set required for students



Bengaluru, Karnataka, India  
RajaRajeswari College of Engineering  
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Long 77.449773°  
15/12/22 03:21 PM GMT +05:30

Participated students are with the Chief Guest and HOD RA

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Department of Robotics and Automation

## 5 Days Skill Development Workshop on "Entrepreneurship"

From 12<sup>th</sup> December to 16<sup>th</sup> December, 2022.

Sl. No.	USN	Name of the student	Sem	Signature				
				12 <sup>th</sup> Dec	13 <sup>th</sup> Dec	14 <sup>th</sup> Dec	15 <sup>th</sup> Dec	16 <sup>th</sup> Dec
1.	1RR21RA001	ASBIN DONY A	III					
2.	1RR21RA002	BALASARAVANA S	III					
3.	1RR21RA003	BHUMIKA H S	III					
4.	1RR21RA004	CHARANKUMAR K R	III					
5.	1RR21RA005	DEVARAJU	III					
6.	1RR21RA006	HAFSA FATHIMA	III					
7.	1RR21RA007	HARSHA A V	III	AB	AB	AB	AB	AB
8.	1RR21RA008	HEMANTH K	III	Hemanth K	Hemanth K	Hemanth K	Hemanth K	Hemanth K





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No.	ID	Name	Grade	Jul 1. Dok	Jul 2. Dok	Jul 3. Dok	Jul 4. Dok	Jul 5. Dok
9.	1RR21RA009	JEEVIKA D K	III	Jeevi D. Dok	Jeevi D. Dok	Jeevi D. Dok	Jeevi D. Dok	Jeevi D. Dok
10.	1RR21RA010	KEERTHI M R	III	Keerthy M.R	Keerthy M.R	Keerthy M.R	Keerthy M.R	Keerthy M.R
11.	1RR21RA011	LOHITH M R	III	L.H.T	L.H.T	L.H.T	L.H.T	L.H.T
12.	1RR21RA012	MOHAMMED HAROON KHAN	III	AB	AB	AB	AB	AB
13.	1RR21RA013	MOHAN L	III	AB	AB	AB	AB	AB
14.	1RR21RA014	MOHAN M K	III	Mohan M.K	Mohan M.K	Mohan M.K	Mohan M.K	Mohan M.K
15.	1RR21RA015	NAVEEN KUMAR S N	III	Naveen Kumar S.N	Naveen Kumar S.N	Naveen Kumar S.N	Naveen Kumar S.N	Naveen Kumar S.N
16.	1RR21RA016	NISANKA MANSI CHANDRAN	III	Nisanka Mansi Chandran	Nisanka Mansi Chandran	Nisanka Mansi Chandran	Nisanka Mansi Chandran	Nisanka Mansi Chandran
17.	1RR21RA017	NITHASHREE L	III	Nitha S	Nitha S	Nitha S	Nitha S	Nitha S
18.	1RR21RA018	NITHYA B	III	Nithya B	Nithya B	Nithya B	Nithya B	Nithya B



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## Department of Robotics and Automation

	amrindubhats	amrindubhats	amrindubhats	amrindubhats	amrindubhats	amrindubhats
19.	1RR21RA019	SAMVRUDH N	III	<del>amrindubhats</del>	<del>amrindubhats</del>	<del>amrindubhats</del>
20.	1RR21RA020	SUHAS S VASISHTA	III	Sahas	Sahas	Sahas
21.	1RR21RA021	TRISIT PAUL	III	Paul	Paul	Paul
22.	1RR21RA022	VIHA TRUPTHI S PANDIT	III	<del>amrindubhats</del>	<del>amrindubhats</del>	<del>amrindubhats</del>
23.	1RR22RA400	NITHIN K	III	Nithin	Nithin	Nithin
24.	1RR22RA401	VENUGOPAL P	III	<del>amrindubhats</del>	<del>amrindubhats</del>	<del>amrindubhats</del>
25.	1RR22RA402	VITTHESH R R	III	<del>amrindubhats</del>	<del>amrindubhats</del>	<del>amrindubhats</del>
26.	1RR22RA001	ABHISHEK	I	Abhishek	Abhishek	Abhishek
27.	1RR22RA002	AKARSH KASHYAP	I	Akarsh	Akarsh	Akarsh
28.	1RR22RA003	AKSHAYE KANNA	I	<del>amrindubhats</del>	<del>amrindubhats</del>	<del>amrindubhats</del>



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	SA.	SA.	SA.	SA.	SA.	SA.	SA.	SA.
29.	1RR22RA004	BHUVANESHWARI	I	SA.	SA.	SA.	SA.	SA.
30.	1RR22RA005	CHARAN GOWDA	I	SA.	SA.	SA.	SA.	SA.
31.	1RR22RA006	DHANUSH H	I	SA.	SA.	SA.	SA.	SA.
32.	1RR22RA007	GNANASHREE N V	I	SA.	SA.	SA.	SA.	SA.
33.	1RR22RA008	HEMANTH P	I	SA.	SA.	SA.	SA.	SA.
34.	1RR22RA009	INDRESH A	I	SA.	SA.	SA.	SA.	SA.
35.	1RR22RA010	JAFFER A	I	SA.	SA.	SA.	SA.	SA.
36.	1RR22RA011	KANISHK J	I	SA.	SA.	SA.	SA.	SA.
37.	1RR22RA012	KUMARSWAMY K	I	SA.	SA.	SA.	SA.	SA.
38.	1RR22RA013	LIKITH K	I	SA.	SA.	SA.	SA.	SA.

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

Email Id: [hodeee@rcce.org](mailto:hodeee@rcce.org)

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39.	1RR22RA014	LIKITH MR	I						
40.	1RR22RA015	MOUNESH R	I						
41.	1RR22RA016	PRAJWAL NOOLA	I						
42.	1RR22RA017	PREM KUMAR G	I						
43.	1RR22RA018	RANJITHA P	I						
44.	1RR22RA019	ROHITH V GOWDA	I						
45.	1RR22RA020	S R NISHWATH	I						
46.	1RR22RA021	SAKSHI	I						
47.	1RR22RA022	SHASHANK N S	I						
48.	1RR22RA023	SHREYAS S RAI	I						



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49.	1RR22RA024	SHRIHAARIKA K	I	Shriha	Shriha	Shriha	Shriha	Shriha	Shriha
50.	1RR22RA025	SOUJANYA	I	Soujanya	Soujanya	Soujanya	Soujanya	Soujanya	Soujanya
51.	1RR22RA026	SPOORTHI	I	Spoorthi	Spoorthi	Spoorthi	Spoorthi	Spoorthi	Spoorthi
52.	1RR22RA027	SUJAL B	I	Sujal B	Sujal B	Sujal B	Sujal B	Sujal B	Sujal B
53.	1RR22RA028	TANZEEM	I	Tanzeem	Tanzeem	Tanzeem	Tanzeem	Tanzeem	Tanzeem
54.	1RR22RA029	UDAY L D	I	Uday L D	Uday L D	Uday L D	Uday L D	Uday L D	Uday L D
55.	1RR22RA030	VISHAL	I	Vishal	Vishal	Vishal	Vishal	Vishal	Vishal
56.	1RR22RA031	YUVARAJ S	I	Yuvaraj S	Yuvaraj S	Yuvaraj S	Yuvaraj S	Yuvaraj S	Yuvaraj S

*Sathya*  
Coordinator

*M. J. Lakshmi*  
HOD-R&A

Professor & Head  
Dept. of Robotics and Automation Engg  
RajaRajeswari College of Engineering  
Bengaluru-74.  
Website: <https://www.rjce.org>

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

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57.	Surya R	1RR17ME115	Siva Siva	Siva Siva	Siva Siva	Siva Siva	Siva Siva
58.	Ajay.KP	1RR18ME001	Pran	Pran	Pran	Pran	Pran
59.	Amit A	1RR18ME005	Pran	Pran	Pran	Pran	Pran
60.	Dharshan.V	1RR18ME013	Pran	Pran	Pran	Pran	Pran
61.	Koutuk.A.Gao unkar	1RR18ME017	Pran	Pran	Pran	Pran	Pran
62.	Kavana KS	1RR18ME018	Pran	Pran	Pran	Pran	Pran
63.	Kishan S	1RR18ME020	Pran	Pran	Pran	Pran	Pran
64.	Naveen Kumar SK	1RR18ME027	Pran	Pran	Pran	Pran	Pran
65.	Prajwal Gowda ML	1RR18ME032	Pran	Pran	Pran	Pran	Pran
66.	Siddarth S	1RR18ME053	Pran	Pran	Pran	Pran	Pran



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67.	Yogendra Singh Tak	IRR18ME057	VII	Yug	Yug	Jale	Yug	Tale
68.	Yugal H	IRR18ME058	VII	Yugal	Yugal	Yugal	Yugal	Yugal
69.	Abin.T	IRR19ME001	VII	Abin	Abin	Abin	Abin	Abin
70.	Arpan Karmakar T	IRR19ME002	VII	Arpan	Arpan	Arpan	Arpan	Arpan
71.	Darshan Rathod BU	IRR19ME003	VII	Darshan	Darshan	Darshan	Darshan	Darshan
72.	F.Abhishek	IRR19ME004	VII	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
73.	Harikrishna Nayak	IRR19ME005	VII	Harish	Harish	Harish	Harish	Harish
74.	Karthikeyan.R	IRR19ME006	VII	Ram	Ram	Ram	Ram	Ram
75.	Kiran.B.H	IRR19ME007	VII	Kiran	Kiran	Kiran	Kiran	Kiran
76.	Mohammed Irfan	IRR19ME008	VII	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed

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77.	Mohammed Mustafa Mannan	1RR19ME009	VII	Nyest	Mant	Nyest	Nyest	Nyest
78.	Mohin Khan	1RR19ME010	VII	Rfan	Rhu	Rhu	Rhu	Rhu
79.	Murgesh Y.M	1RR19ME011	VII	murgesh	murgesh	murgesh	murgesh	murgesh
80.	Naveen Kumar.R	1RR19ME012	VII	naveen	Nveen	naveen	Naveen	Naveen.
81.	Navthej B.V	1RR19ME013	VII	Nest.	Nest.	Nest.	Nest.	Nest.
82.	Nishanth.N	1RR19ME014	VII	Nest	Nest	Nest	Nest	Nest
83.	Poorvik.S.B	1RR19ME015	VII	Pannik	Pannik	Pannik	Pannik	Pannik
84.	Pradyotha Anand	1RR19ME016	VII	Pradyotha	Pradyotha	Pradyotha	Pradyotha	Pradyotha
85.	Rahul.S	1RR19ME017	VII	Rahul	Rahul	Rahul	Rahul	Rahul
86.	Saacharan. V	1RR19ME018	VII	Saacharan	Saacharan	Saacharan	Saacharan	Saacharan





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## Department of Robotics and Automation

87.	Sachidananda D.S	1RR19ME019	VI	S. S. M	S. S. M	S. S. M	S. S. M	S. S. M
88.	Sandeep.V.S	1RR19ME020	VII	S. S. M	S. S. M	S. S. M	S. S. M	S. S. M
89.	Sarathkumar	1RR19ME021	VII	S. S. M	S. S. M	S. S. M	S. S. M	S. S. M
90.	Vaishnavi.N	1RR19ME022	VII	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
91.	Vishnu.S.R	1RR19ME023	VII	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu

*S. S. M.*

Coordinator

*M. L. M.*

HoD-R&A

Professor & Head

Dept. of Robotics and Automation Engg  
RajaRajeswari College of Engineering  
Bengaluru-74.



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## Department of Artificial Intelligence & Machine Learning

### Robotics workshop

**Title of the event : Robotics Workshop**

**Resource Person: Roopa Mahadev, Accurate info solution**

**Date of the event: 27/12/2022 to 31/12/2022**

**Event Duration : 8:30am to 4:00pm**

**Venue : APJ Abdul Kalam Hall, RRCE**

**Target Participants: AI&ML 2<sup>nd</sup> year , 3<sup>rd</sup> year, 2<sup>nd</sup> year R &A and Mech**

#### **Overview of the Workshop:**

The event started with the formal Inaugural function at 9.30a.m in Abdul Kalam Conference Hall. On the dais Our Chief Roopa Mahadev, Accurate info solution,- BENGALURU, Dr Balakrishna R Principal, RRCE, Dr. Amuthraj Vice Principal, RRCE. Dr. Rajesh K S HoD AI & ML. The function started with Invocation Song, followed by the welcome speech , followed by presidential address given by Principal, vice principal and Hod. Inspiring speech regarding the future opportunities for engineering students was given by Roopa Mahadev resource person . Vote of thanks was given by the student.

**Day 1:** Introduction about robots, Arduino boards, knowledge on microcontroller and Knowledge on microcontroller and different types of circuit boards. Connecting the parts of robots.

**Day 2:** Working on the software and hardware parts of robots. Working with coding part of traffic lights. Programing and coding for traffic lights with different settings. Working with Arduino boards

**Day 3:** Introduction of different parts of robots. Introducing wheel robots. Connecting the different parts in robots. Working with hardware. Programming and coding for the robots. Uploading the program and code to the robot working with the robot.

**Day 4:** Making to work the robot in different methods concept of data reading it.



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## Department of Artificial Intelligence & Machine Learning

- Line robot.
- Working with the Square and triangle robot
- Circle robots.

### Day 5: Projects on IOT connecting with robot.

Soil Moisture Sensor	Speed detector
Fire Detection	Smart Feeder
Air pollution	Visitor count
Gas leakage detection	Smart jar
Rainfall detection	Telegram controlled home automation
Sound Recording in decibel	Smart Street Light
Motion Sensor	Traffic Light
Bugler alarm	

Introducing the different type of circuit board with sensors and bazars. These are all connecting to circuit board with wires. Programming the done on software and uploaded to the circuit board..

### Outcome of the program:

Outcome of the program is to provide information on various robots and coding; help students identify their interests and strengths; expose them to a diverse range of opportunities to build experience and clarity about their goals; and empower them to pursue internships, jobs, and leadership experiences they find personally meaningful.

HOD



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## Department of Artificial Intelligence & Machine Learning



RAJARAJESWARI COLLEGE OF ENGINEERING,  
BENGALURU-74

## ARTIFICIAL INTELLIGENCE & MACHINE LEARNING



## WORKSHOP ON ROBOTICS

### Content :

- Introduction to Robots and Robotics
- Introduction to Arduino and its IDE
- Traffic light Signals using LED and Arduino coding
- Designing the Robot
- Obstacle avoider
- Line following robot

**27/12/2022 to 31/12/2022**

**Coordinator:**

**Prof.Rashmi N K**  
**Prof.Mahantesh S M**



**Resource Person**

**Mrs. Roopa Mahadeva**  
**CEO, Accurate Info-Solution**

**Dr. Rajesh K S**  
**HOD**

**Dr. R Balakrishna**  
**Principal**



**CETCODE: E145 COMED-K: E099 PGCET: T858**

**CONTACT : MOBILE :+91-9008845678,**  
**LANDLINE :+91-080-28437124/375 WEBSITE: WWW.RRCE.ORG.**



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## Department of Artificial Intelligence & Machine Learning





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## Department of Artificial Intelligence & Machine Learning



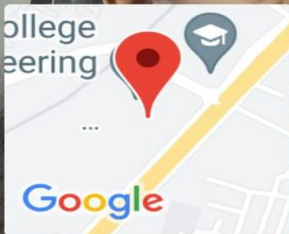


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## Department of Artificial Intelligence & Machine Learning



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Rajrajeswari College Of Engineering College Block, Rajrajeswari  
College Of Engineering, Bengaluru, Karnataka 560074, India  
Lat 12.886358°  
Long 77.449795°  
29/12/22 03:10 PM



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## Department of Artificial Intelligence & Machine Learning





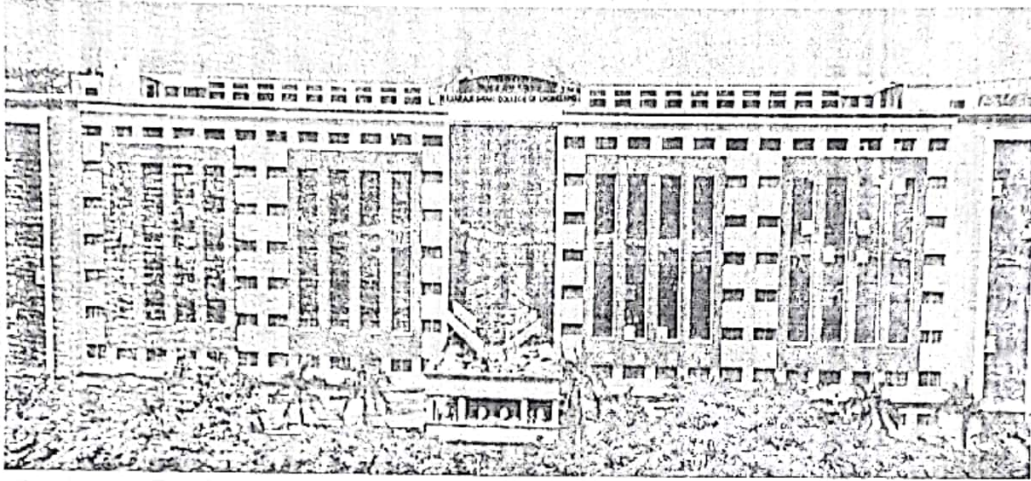


# RAJARAJESWARI COLLEGE OF ENGINEERING

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



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Organizing 12 Days  
Student Development Programme  
on

“Python Programming”

From 14th to 26th November 2022.

**Co-ordinator**  
**Prof. Chaithanya S**  
**Asst. Prof. ECE**

**Organizer**  
**Dr. Rangaiah L**  
**Prof. & Head of ECE**

Contact: +91-90088-45678  
E-mail: admission@rrce.org

CET CODE-E145  
COMED-K CODE-E099  
PGCET CODE-T858

Ph: +91-80-2843 7124 / 7375  
Website: www.rrce.org



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**12 Days Student Development Programme on**

**“Python Programming”**

**From 14<sup>th</sup> to 26<sup>th</sup> November 2022**

**Schedule**

Session	Topics covered	Resource Person
DAY-1 14.11.2022	Inaugural Function Installation of python in windows 7/10 and Linux environment	Simi Kalakamb, Senior Trainer -- Training and Training Development
DAY-2 15.11.2022	Explain to use python interactively	
DAY-3 16.11.2022	Additional features of Python	
DAY-4 17.11.2022	Using plot command interactively	
DAY-5 18.11.2022	Loading Data From Files	PrasannaPoornima, Senior Trainer -- Training and Training Development
DAY-6 19.11.2022	Getting started with Lists, Srtings, Files and Arrays	
DAY-7 21.11.2022	Input-output	
DAY-8 22.11.2022	Getting started with tuples, Dictionaries	
DAY-9 23.11.2022	Writing Python Scripts	
DAY-10 24.11.2022	Testing and Debugging	
DAY-11 25.11.2022	Handling Errors and Exceptions	
DAY-12 26.11.2022	Additional features of Python Valedictory Function	

*C Russell*  
HOD/ECE

**PROFESSOR & HEAD**  
DEPT. OF ELECTRONICS & COMMUNICATION ENG  
RAJARAJESWARI COLLEGE OF ENGG  
BENGALURU - 560 074



Date: 28 Nov. 2022

### Report On 12 Days Student Development Programme on "Python Programming"

- ❖ **Program Duration:** 14<sup>th</sup> November 2022-26<sup>th</sup> November 2022
- ❖ **Venue:** Sathyendranath Bose Hall RRCE
- ❖ **Organizer:** Dr. L Rangaiah, HOD - ECE
- ❖ **Faculty Co-Ordinators:** Mrs. Chaithanya S, Asst. Prof/ECE
- ❖ **Objective:**

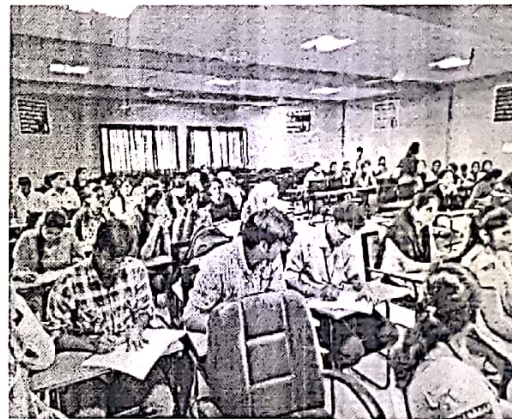
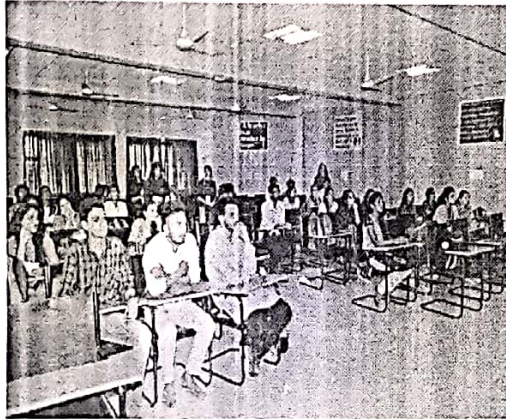
Department of Electronics and Communication Engineering organized 12 Days Student Development Programme on "Python Programming" during From 14th to 26th November 2022. This course provided comprehensive Python training for those who prefer to come up to speed on building Python capabilities. Python is a general-purpose and high-level programming language. You can use Python for developing desktop GUI applications, websites and web applications. Also, Python, as a high-level programming language, allows you to focus on core functionality of the application by taking care of common programming tasks.

- To acquire programming skills in core Python.
- To acquire Object Oriented Skills in Python.
- To develop the skill of designing Graphical user Interfaces in Python.
- To develop the ability to write database applications in Python.

❖ **Total numbers of participants:** 100

❖ **Major Session Contents:**

- Installation of python in windows 7 and Linux environment
- Explain to use python interactively
- Additional features of Python
- Using plot command interactively
- Loading Data From Files
- Getting started with Lists, Strings, Files and Arrays
- Input-output
- Getting started with tuples, Dictionaries
- Writing Python Scripts
- Testing and Debugging
- Handling Errors and Exceptions
- Additional features of Python



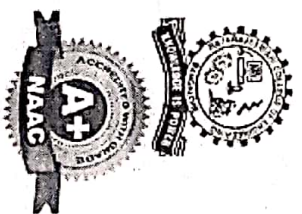
*C. Raveell*  
HOD-ECE

**PROFESSOR & HEAD**  
DEPT. OF ELECTRONICS & COMMUNICATION ENG  
RAJARAJESWARI COLLEGE OF ENGG.  
BENGALURU - 560 074

Moogambigai Charitable And Educational Trust

**RAJARAJESWARI COLLEGE OF ENGINEERING**

#14, Ramohalli Cross, Kumbhalagodu, Mysore Road, Bengaluru -560074  
(APPROVED BY AICTE, NEW DELHI & AFFILIATED TO VTU, BELAGAVI)



**Electronics & Communication Engineering**

**STUDENT DEVELOPMENT PROGRAMME  
ON**

**PYTHON PROGRAMMING**

**CERTIFICATE**

This is to certify that **Mr./Ms. A.MADHUSUDHAN** has  
attended **12-days Students Development Program** on  
“**PYTHON PROGRAMMING**” from **14th NOV 2022 to 26th  
NOV 2022.**

*C. Rangaiyah. L*

**Dr. Rangaiyah. L**  
Convener & HOD of ECE

*Dr. R. Balakrishna*

**Dr. R. Balakrishna**  
Principal

*C. R. Rangaiyah. L*



# 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

## Dept. of Electronics and Communication Engineering

12 Days Student Development Programme on "Python Programming"

From 14<sup>th</sup> to 26<sup>th</sup> November 2022

SL.NO	USN	NAME	SIGNATURE
1	1RR20EC001	A Madhu Sudan	A Madhu Sudan
2	1RR20EC002	Aishwarya M	Aishwarya M
3	1RR20EC003	Akshay Kumar R	Akshay
4	1RR20EC004	B M Rohith	B M Rohith
5	1RR20EC005	Bavana K N	Bavana K N
6	1RR20EC006	Bhavana N	Bhavana N
7	1RR20EC007	Bhoomika M	Bhoomika M
8	1RR20EC008	BhumikaRathore	BhumikaRathore
9	1RR20EC009	C Pavan	C Pavan
10	1RR20EC010	C Tejeswar Reddy	C Tejeswar Reddy
11	1RR20EC012	Chirag N	Chirag N
12	1RR20EC014	Deepak L	Deepak L
13	1RR20EC015	Deepika V	Deepika V
14	1RR20EC016	Deepthi.P.D	Deepthi.P.D
15	1RR20EC017	Dhananjaya	Dhananjaya
16	1RR20EC018	Dhanushree N	Dhanushree N
17	1RR20EC019	Dhanushree N A	Dhanushree N A
18	1RR20EC020	Elavarasan E	Elavarasan E
19	1RR20EC021	Gunashekar S	Gunashekar S
20	1RR20EC022	Harshita B	Harshita B
21	1RR20EC023	Harshitha P	Harshitha P
22	1RR20EC024	Jathin B R	Jathin B R
23	1RR20EC025	JithendraNayak H N	JithendraNayak H N
24	1RR20EC026	K. Jaiakhil	K. Jaiakhil
25	1RR20EC027	Kalpitha R Gowda	Kalpitha R Gowda
26	1RR20EC028	KannikaMp	KannikaMp
27	1RR20EC029	Likitha S	Likitha S
28	1RR20EC030	Madhushree N	Madhushree N
29	1RR20EC031	Mallika S	Mallika S
30	1RR20EC032	Mohammed Taheer	Mohammed Taheer
31	1RR20EC033	Mohammed TahirHussain	Mohammed TahirHussain
32	1RR20EC034	Nagamallesh N	Nagamallesh N
33	1RR20EC035	Navyashree M R	Navyashree M R
34	1RR20EC036	Neelavathi S	Neelavathi S
35	1RR20EC037	Prajwal M	Prajwal M
36	1RR20EC038	Priyanka M	Priyanka M
37	1RR20EC039	Pruthvi.T.G	Pruthvi.T.G
38	1RR20EC040	PruthvishreeSn	PruthvishreeSn
39	1RR20EC041	Raksha M	Raksha M
40	1RR20EC042	RakshithGowda S	RakshithGowda S
41	1RR20EC043	Rakshith S	Rakshith S
42	1RR20EC044	RakshithaMr	RakshithaMr
43	1RR20EC045	M Shivakrishna	M Shivakrishna
44	1RR20EC046	Shreyas D Mahendrakar	Shreyas D Mahendrakar

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

Phone: +91-80-28437124 Extn: 310

Email Id: hodece@rrce.org

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



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## Dept. of Electronics and Communication Engineering

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From 14<sup>th</sup> to 26<sup>th</sup> November 2022

SL.NO	USN	NAME	SIGNATURE
45	1RR20EC048	Siddesh Gowda S	Siddesh
46	1RR20EC049	Sinchanna V	Sinchanna
47	1RR20EC050	Srinidhi R K	Srinidhi
48	1RR20EC051	Tejashwini S	Tejashwini
49	1RR20EC052	Ujwal E	Ujwal
50	1RR20EC053	V P Nikhil Kumar	Nikhil Kumar
51	1RR20EC054	Varun Kumar N	Varun
52	1RR20EC055	Varun T R	Varun
53	1RR20EC056	Vidyashree L R	Vidyashree
54	1RR21EC400	Bhuvaneshwari	Bhuvaneshwari
55	1RR21EC401	Poornima	Poornima
56	1RR21EC402	Vidyashree	Vidyashree
57	1RR21EC009	Balaskanda A V	Balaskanda
58	1RR21EC010	Bhagya Pandappa Santi	Bhagya
59	1RR21EC011	Bhagyashree Meti	Bhagyashree
60	1RR21EC012	Bhoomika G	Bhoomika
61	1RR21EC013	Bhuvana G	Bhuvana
62	1RR21EC014	Bindu J	Bindu J
63	1RR21EC015	Bindushree G	Bindushree
64	1RR21EC016	Chandu H L	Chandu
65	1RR21EC017	Chethana N	Chethana
66	1RR21EC018	Darshan Gowda H P	Darshan
67	1RR21EC019	Dhanush D	Dhanush
68	1RR21EC020	Diya Fathima	Diya
69	1RR21EC022	Gowthami R	Gowthami
70	1RR21EC023	H G Bindusagar	Bindusagar
71	1RR21EC024	Hari Prasad B	Hari Prasad
72	1RR21EC025	Harsha M	Harsha
73	1RR21EC026	Harshavardhan S	Harshavardhan
74	1RR21EC027	Hema R	Hema
75	1RR21EC028	Hemanth Kumar Y	Hemanth
76	1RR21EC029	J N Mohit	Mohit
77	1RR21EC030	Jaya Shree K R	Jaya Shree
78	1RR21EC031	Jeevan L	Jeevan
79	1RR21EC032	Jyothi	Jyothi
80	1RR21EC033	Kalpna S	Kalpna
81	1RR21EC034	Karthik S	Karthik
82	1RR21EC035	Kishore C	Kishore
83	1RR21EC036	Kushi Priya Y H	Kushi
84	1RR21EC037	Lakshmi Y	Lakshmi
85	1RR21EC038	Lavanya B	Lavanya B
86	1RR21EC039	Lavanya M	Lavanya M
87	1RR21EC040	Lavanya P	Lavanya P
88	1RR21EC041	Lohith B M	Lohith

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

Phone: +91-80-28437124 Extn: 310

Email Id: hodecc@rrce.org

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# RajaRajeswari College of Engineering



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## Dept. of Electronics and Communication Engineering

12 Days Student Development Programme on "Python Programming"

From 14<sup>th</sup> to 26<sup>th</sup> November 2022

SL.NO	USN	NAME	SIGNATURE
89	1RR21EC042	Madankumar B R	
90	1RR21EC043	Mamatha S M	
91	1RR21EC052	Nayana K N	
92	1RR21EC053	Neha K S	
93	1RR21EC054	Nikitha S	
94	1RR21EC055	Niranjan H R	
95	1RR21EC056	Nishanth K	
96	1RR21EC057	Nitesh Singh S	
97	1RR21EC058	Pavan R	
98	1RR21EC059	Pooja S N	
99	1RR21EC060	Prathiksha N	
100	1RR21EC061	R Noothana Prasad	

HOD

PROFESSOR & HEAD  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
RAJARAJESWAR COLLEGE OF ENGINEERING  
KUMBALGODU, MYSORE ROAD, BANGALURU - 560074

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

Phone: +91-80-28437124 Extn: 310

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# RajaRajeswari College of Engineering

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## Department of Information Science and Engineering

### Circular

Date: 10-10-2022

All the students are hereby informed that the Information Science and Engineering department is organizing a "Image Processing" skill development program from 14-10-2022 to 18-18-2022. All the students are encouraged to attend the program.

  
10/10/2022  
Head of the Department

Dr. J. AMUTHARAJ, M.E., Ph.D., FIE.  
Professor & Head  
Dept. of Information Science & Engineering  
RAJARAJESWARI COLLEGE OF ENGINEERING  
BANGALORE - 560 074.



## CHIEF PATRON

Dr. A.C. Shannugam, B.A., LL.B., FMSA, FRCGS (Changew. UK)  
Chairman, RRGI, Bengaluru.

## PATRONS

Sri. A. C. S. Arunkumar  
Vice-Chairman, RRGI, Bengaluru.

Dr. S. Vijayanand  
Executive Director, RRGI, Bengaluru.

Dr. S. Jeyabalan  
Special Officer, RRGI, Bengaluru.

Sri. C.N. Seetharaman (Retd IAS Officer)  
CEO, RRGI, Bengaluru.

## CO-PATRONS

Dr. T.R. Gopalakrishnan Nair  
Director, RRGI, Bengaluru.

Dr. T. Chandraskhar  
Principal, RRCE, Bengaluru.

## ORGANIZING SECRETARY

Dr. Amutharaj J  
Professor & Head  
Dept of Information Science & Engineering  
Bengaluru-74.

Ph: 080-28437124-327

## REGISTRATION

Registration to the SDP is open to personnel from Academia and Industry. The selection process is based on first come first serve basis.

Participants will be given the participation/ attendance certificates in the valedictory function.

## IMPORTANT DATES

Last Date for Registration: 11<sup>th</sup> Nov 2022

## VENUE

The workshop will be held at Rajarajeswari College of Engineering in APJ Hall, 2<sup>nd</sup> Floor.

## Resource Person

Dr. Jyothi .D. R  
PG Coordinator, Dept. of CSE,  
Bangalore Institute of Technology.

## Co-Ordinators

Prof. Pavithra. N  
Associate Professor, Dept. of ISE, RRCE.  
Prof. Dineshkumar M  
Assistant Professor, Dept. of ISE, RRCE.



RAJARAJESWARI COLLEGE OF ENGINEERING

Mysore Road, Bengaluru - 560 074

Ph: +91-80-28437373 Fax: +91-80-28437124

Website: www.rjtee.org



Five Days

Skill Development Programme

on

“Image Processing”

14<sup>th</sup> Nov-18<sup>th</sup> Nov 2022

Organized By

Department of  
Information Science & Engineering

RAJARAJESWARI COLLEGE OF ENGINEERING  
(Approved by AICTE, New Delhi)  
ACCREDITATED BY NAAC 'A' Grade

**RajaRajeswari College of Engineering**  
 Department of Information Science and Engineering  
 SDP: "Image Processing"

Sl.NO	Name of the Student	USN	14/10/2022			15/10/2022			16/10/2022			17/10/2022			18/10/2022		
			8:30 AM	11:00 AM	2:00 PM	8:30 AM	11:00 AM	2:00 PM	8:30 AM	11:00 AM	2:00 PM	8:30 AM	11:00 AM	2:00 PM	8:30 AM	11:00 AM	2:00 PM
1	A R SHALINI	IRR19IS001	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	
2	ANANYA S	IRR19IS002	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	
3	ARPIHA G	IRR19IS003	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR	
4	CHANDAN D	IRR19IS004	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	
5	DARSHINI G	IRR19IS006	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR	DR	
6	DEEKSHITHA M	IRR19IS007	DE	DE	DE	DE	DE	DE	DE	DE	DE	DE	DE	DE	DE	DE	
7	DHAWALASHREE B K	IRR19IS008	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	
8	JNANASHREE S	IRR19IS011	JN	JN	JN	JN	JN	JN	JN	JN	JN	JN	JN	JN	JN	JN	
9	M BALAJI	IRR19IS012	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB	
10	MANOJ P	IRR19IS013	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	
11	MOHAMED SUFIYAN UR RAHAMAN	IRR19IS014	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	
12	MONIKA A	IRR19IS015	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA	
13	MONISHA K G	IRR19IS016	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	
14	NANDEESH D B	IRR19IS017	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
15	NAVEENKUMAR D K	IRR19IS018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
16	NIDHIKSHA A	IRR19IS019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
17	NIKITHA S DESHPANDE	IRR19IS020	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
18	NISCHITA L	IRR19IS021	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	
19	NISHCHITHA K N	IRR19IS022	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	NN	
20	NITHYASHREE T	IRR19IS023	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
21	NIVAS GOWDA	IRR19IS024	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	NG	
22	NIVEDITHA V	IRR19IS025	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	
23	POORNIMA R	IRR19IS026	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	
24	PRAJWAL H M	IRR19IS027	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	
25	PRAJWAL H S	IRR19IS028	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	PH	
26	RAMYA B	IRR19IS029	RB	RB	RB	RB	RB	RB	RB	RB	RB	RB	RB	RB	RB	RB	
27	ROHAN H	IRR19IS030	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	
28	S INDIRA PRIYADARSHINI	IRR19IS031	SI	SI	SI	SI	SI	SI	SI	SI	SI	SI	SI	SI	SI	SI	
29	S VISHNU SHARMA	IRR19IS032	SV	SV	SV	SV	SV	SV	SV	SV	SV	SV	SV	SV	SV	SV	
30	SACHIN R M	IRR19IS033	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	
31	SANIAKUMAR R	IRR19IS034	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	

32	SANJAY S	IRR19IS035	SP	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019
33	SHALINI K	IRR19IS036	SP	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019
34	SHRAVYA	IRR19IS037	SP	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019
35	SHREYAS M	IRR19IS038	SP	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019
36	SPANDANA G	IRR19IS039	SP	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019
37	SUHAS H S	IRR19IS040	SP	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019
38	SUMUKH K MURTHY	IRR19IS041	SP	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019
40	UJWAL SHETTY	IRR19IS042	SP	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019
41	VINAY K V	IRR19IS043	SP	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019
42	VISHRANTH K H	IRR19IS044	SP	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019
43	Anushree K	IRR20IS400	SP	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019

*Anushree K*

Coordinator

Dr. J. AMUTHARAJ, M.E., Ph.D., FIE.  
 Professor & Head  
 Dept. of Information Science & Engineering  
 RAJARAJESWAR COLLEGE OF ENGINEERING  
 BANGALORE - 560 074.

Bengaluru - 560074

# Department of Information Science and Engineering

Student Development program on "Image Processing"

## Program Report

Duration : 5 days

Date:18/10/2022

No. of Participants: 45

### Program objectives:

To give knowledge and hands on experience on

To know about the Image Processing a while providing them with an opportunity to improve their Knowledge in Future.

### Program outcomes:

- To understand the need for image transforms different types of image transforms and their properties.
- To develop any image processing application.
- To understand the rapid advances in Machine vision.
- To learn different techniques employed for the enhancement of images.
- To learn different causes for image degradation and overview of image restoration techniques.
- To understand the need for image compression and to learn the spatial and frequency domain techniques of image compression.
- To learn different feature extraction techniques for image analysis and recognition

Photo:



*Ravithan*  
Co-ordinator

Head of the Department

Dr. J. AMUTHARAJ, M.E., Ph.D., FIE.  
Professor & Head  
Dept. of Information Science & Engineering  
RAJARAJESWARI COLLEGE OF ENGINEERING  
BANGALORE - 560 074.



# Rajarajeswari College of Engineering

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

#14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru-560074

Department of Information Science & Engineering

## FEEDBACK FORM

SDP: Image Processing

CHANDAD.D

Sr. No.	Aspects	Excellent	Very Good	Good	Satisfactory
1	The workshop was scheduled at a suitable time.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	The workshop facilities and location were appropriate and satisfactory.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	The workshop was presented in a clear and organized manner.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	The presenter responded to questions in an informative, appropriate and satisfactory manner.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Handouts (if provided) were clear and useful.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Overall, the session was informative and valuable.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Reason for your rating:				
8	In what ways could this workshop have been improved to better suit your needs?				

*Chandad.D*

Phone: +91-80-28437124 / 28437375

<https://www.rrce.org>

Email Id: [principal@rrce.org](mailto:principal@rrce.org)





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#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru-560074

## Department of Information Science & Engineering

### FEEDBACK FORM

MANOJ . P SDP: Image Processing..

@l

Sr. No.	Aspects	Excellent	Very Good	Good	Satisfactory
1	The workshop was scheduled at a suitable time.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	The workshop facilities and location were appropriate and satisfactory.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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6	Overall, the session was informative and valuable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	Reason for your rating:				
8	In what ways could this workshop have been improved to better suit your needs?				

*M. S. S. S.*

Phone: +91-80-28437124 / 28437375

<https://www.rrce.org>

Email Id: [principal@rrce.org](mailto:principal@rrce.org)







# RajaRajeswari College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka. Affiliated to Visvesvaraya Technological University, Belagavi #14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 560074)

## Department of Information Science and Engineering

Circular

Date: 12-04-2023

All the students are hereby informed that the Information Science and Engineering department is organizing a "Android App Development" skill development program from 17-04-2023 to 21-04-2022. All the students are encouraged to attend the program.

Dr. C. Srinivas  
Head of the Department  
RajaRajeswari College of Engineering  
Bengaluru - 560074



#### CHIEF PATRON

**Dr. A. C. Shanmugam**, B.A., LL.B., F.M.S.A., F.R.C.F.S. (Glasgow, UK)  
Chairman, RRGCI, Bengaluru.

#### PATRONS

**Sri. A. C. S. ArunKumar**  
Vice-Chairman, RRGCI, Bengaluru.

**Dr. S. Vijayanand**  
Executive Director, RRGCI, Bengaluru.

**Dr. S. Jeyabalan**  
Special Officer, RRGCI, Bengaluru.

**Sri. C.N. Seetharaman (Retd IAS Officer)**  
CEO, RRGCI, Bengaluru.

#### HONORARY PATRONS

**Dr. T.R. Gopalakrishnan Nair**  
Rector, RRGCI, Bengaluru.

**Dr.R.Balakrishna**  
Principal, RRCE, Bengaluru.

#### ORGANIZING SECRETARY

**Dr. Neha Sighal**  
Professor & Head  
Dept of Information Science & Engineering  
Bengaluru-74.

**Ph: 080-28437124-327**

#### REGISTRATION

Registration to the SDP is open to personnel from Academia and Industry. The selection process is based on first come first serve basis.

Participants will be given the participation/ attendance certificates in the valedictory function.

#### IMPORTANT DATES

**Last Date for Registration: 17<sup>th</sup> April 2023**

#### VENUE

The workshop will be held at RajaRajeswari College of Engineering in APJ Hall, 2th Floor.

#### RESOURCE PERSON

**Dr. Jyothi .D. R**  
PG Coordinator, Dept. of CSE,  
Bangalore Institute of Technology.

#### CO-ORDINATORS

**Prof. Pavithra. N**  
Associate Professor, Dept. of ISE, RRCE.  
**Prof. Sinchana M. N**  
Assistant Professor, Dept. of ISE, RRCE.



**RAJARAJESWARI COLLEGE OF ENGINEERING**

Mysore Road, Bengaluru - 560 074

Ph: + 91-80-28437373 Fax: +91- 80-28437124

Website: [www.rrce.org](http://www.rrce.org)



Five Days

**Skill Development Programme**

ON

**”Android**

**App Development”**

17<sup>th</sup> Apr-21<sup>th</sup> Apr 2023

Organized By

Department of

**Information Science & Engineering**

RAJARAJESWARI COLLEGE OF ENGINEERING  
(Approved by AICTE, New Delhi)  
ACCREDITED BY NAAC, 'A' Grade



**RajaRajeswari College of Engineering**  
Department of

**Information Science & Engineering**

Five Days Workshop Programme On

“ Android

App Development ”

17<sup>th</sup> Apr-21<sup>th</sup> Apr  
2023

**REGISTRATION FORM**

Name: \_\_\_\_\_  
(IN CAPITAL LETTERS)

Designation: \_\_\_\_\_

Department: \_\_\_\_\_

College: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Mob: \_\_\_\_\_

Email: \_\_\_\_\_

Cheque / DD No: \_\_\_\_\_

Amount: \_\_\_\_\_

Date: \_\_\_\_\_

Registration fees can be paid in cash during the on-spot registration of the FDP on 04<sup>th</sup> May 2018.

Principal / \_\_\_\_\_ Signature  
Head of the Department (Participant)

**About the Institution**

Rajarajeswari College of Engineering (RRCE) was established in the year 2006 under the shelter of Moogambigai Charitable and Educational Trust (estd. 1992) with the sole object of establishing Institutions of higher education of exemplary stature in the state of Karnataka.

RRCE is approved by AICTE, New Delhi and

Visvesvaraya Technological University (VTU), Belgaum, and Karnataka. The Institute offers six UG Engineering courses (Civil, Mechanical, Electrical & Electronics, Electronics & Communication, Computer Science & Engineering and Information Science & Engineering) and five PG courses Viz.

**About the ISE Department**

The Department of Information Science and Engineering aims at fostering excellence in academics & research. Over the years it has trained students to be globally competitive and to advance the intellectual capacity of the nation and the international community. We envision our students to be globally recognized as leaders, innovators and competent professionals.

The department has more than 12 teaching, non-teaching & supporting staffs). The current intake of the department for BE is 60. The department has a VTU recognized research center with full-time and part-time Ph.D. students pursuing research in areas like High Performance Computing, Data Mining, Cloud Computing, Sensor Networks, Adhoc Networks and Machine Learning.

**Address for communication**

The Coordinator,  
SDP on Android App Development,  
Department of Information Science &  
Engineering,  
RRCE, Mysore Road, Bangalore – 560074  
Mobile: 9739078115/ 9611244447



RajaRajeswari College of Engineering  
 Department of Information Science and Engineering  
 SDP: "Android App Development"

Sl.No	Name of the Student	USN	17/4/2023			18/4/23			19/4/23			20/4/23			21/4/23		
			8:30 AM	11:00 AM	2:00 PM	8:30 AM	11:00 AM	2:00 PM	8:30 AM	11:00 AM	2:00 PM	8:30 AM	11:00 AM	2:00 PM	8:30 AM	11:00 AM	2:00 PM
1	ABHISHEK N	IRR20IS001	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	
2	AMOGH M	IRR20IS002	Amogh	Amogh	Amogh	Amogh	Amogh	Amogh	Amogh	Amogh	Amogh	Amogh	Amogh	Amogh	Amogh	Amogh	
3	ANUSHA A	IRR20IS003	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	
4	ANUSHA MAHESH	IRR20IS004	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	
5	CHIRAG G J	IRR20IS005	Chirag	Chirag	Chirag	Chirag	Chirag	Chirag	Chirag	Chirag	Chirag	Chirag	Chirag	Chirag	Chirag	Chirag	
6	D HARSHITHA	IRR20IS006	Dharshitha	Dharshitha	Dharshitha	Dharshitha	Dharshitha	Dharshitha	Dharshitha	Dharshitha	Dharshitha	Dharshitha	Dharshitha	Dharshitha	Dharshitha	Dharshitha	
7	DEEPTI R	IRR20IS007	Deepti	Deepti	Deepti	Deepti	Deepti	Deepti	Deepti	Deepti	Deepti	Deepti	Deepti	Deepti	Deepti	Deepti	
8	DIKSHITHA R	IRR20IS008	Dikshitha	Dikshitha	Dikshitha	Dikshitha	Dikshitha	Dikshitha	Dikshitha	Dikshitha	Dikshitha	Dikshitha	Dikshitha	Dikshitha	Dikshitha	Dikshitha	
9	DIVYASHREE G	IRR20IS009	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	
10	DIVYASHREE M L	IRR20IS010	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	Divyashree	
11	GOUTHAMI V N	IRR20IS011	Gouthami	Gouthami	Gouthami	Gouthami	Gouthami	Gouthami	Gouthami	Gouthami	Gouthami	Gouthami	Gouthami	Gouthami	Gouthami	Gouthami	
12	HEMA KRISHNA G R	IRR20IS012	Hema	Hema	Hema	Hema	Hema	Hema	Hema	Hema	Hema	Hema	Hema	Hema	Hema	Hema	
13	KAVANA S K	IRR20IS013	Kavana	Kavana	Kavana	Kavana	Kavana	Kavana	Kavana	Kavana	Kavana	Kavana	Kavana	Kavana	Kavana	Kavana	
14	KIRANA S	IRR20IS014	Kirana	Kirana	Kirana	Kirana	Kirana	Kirana	Kirana	Kirana	Kirana	Kirana	Kirana	Kirana	Kirana	Kirana	
15	KOUSALYA H	IRR20IS015	Kousalya	Kousalya	Kousalya	Kousalya	Kousalya	Kousalya	Kousalya	Kousalya	Kousalya	Kousalya	Kousalya	Kousalya	Kousalya	Kousalya	
16	KUSHAL K	IRR20IS016	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	
17	LOHITH T V	IRR20IS017	Lohith	Lohith	Lohith	Lohith	Lohith	Lohith	Lohith	Lohith	Lohith	Lohith	Lohith	Lohith	Lohith	Lohith	
18	M VASHITHA	IRR20IS018	M Vashitha	M Vashitha	M Vashitha	M Vashitha	M Vashitha	M Vashitha	M Vashitha	M Vashitha	M Vashitha	M Vashitha	M Vashitha	M Vashitha	M Vashitha	M Vashitha	
19	MANASA B J	IRR20IS019	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	
20	MANASA J	IRR20IS020	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	
21	MEGHANA.C.V	IRR20IS021	Meghana	Meghana	Meghana	Meghana	Meghana	Meghana	Meghana	Meghana	Meghana	Meghana	Meghana	Meghana	Meghana	Meghana	
22	MONICA S V	IRR20IS022	Monica	Monica	Monica	Monica	Monica	Monica	Monica	Monica	Monica	Monica	Monica	Monica	Monica	Monica	
23	MUBASHIR AHMAD	IRR20IS023	Mubashir	Mubashir	Mubashir	Mubashir	Mubashir	Mubashir	Mubashir	Mubashir	Mubashir	Mubashir	Mubashir	Mubashir	Mubashir	Mubashir	
24	MUDASIR HASHMAT	IRR20IS024	Mudasir	Mudasir	Mudasir	Mudasir	Mudasir	Mudasir	Mudasir	Mudasir	Mudasir	Mudasir	Mudasir	Mudasir	Mudasir	Mudasir	
25	NANDAN G SHETTY	IRR20IS025	Nandan	Nandan	Nandan	Nandan	Nandan	Nandan	Nandan	Nandan	Nandan	Nandan	Nandan	Nandan	Nandan	Nandan	
26	NANDITHA.R	IRR20IS026	Nanditha	Nanditha	Nanditha	Nanditha	Nanditha	Nanditha	Nanditha	Nanditha	Nanditha	Nanditha	Nanditha	Nanditha	Nanditha	Nanditha	
27	NAVEEN A D	IRR20IS027	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen	
28	PANENDRA R	IRR20IS028	Panendra	Panendra	Panendra	Panendra	Panendra	Panendra	Panendra	Panendra	Panendra	Panendra	Panendra	Panendra	Panendra	Panendra	
29	POOJA J	IRR20IS029	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	
30	PRAJWAL R	IRR20IS030	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	
31	PRAIWNATH RAMESH	IRR20IS031	Praiwnath	Praiwnath	Praiwnath	Praiwnath	Praiwnath	Praiwnath	Praiwnath	Praiwnath	Praiwnath	Praiwnath	Praiwnath	Praiwnath	Praiwnath	Praiwnath	
32	PRERANA M R	IRR20IS032	Prerana	Prerana	Prerana	Prerana	Prerana	Prerana	Prerana	Prerana	Prerana	Prerana	Prerana	Prerana	Prerana	Prerana	
33	RACHANA D SHETTY	IRR20IS033	Rachana	Rachana	Rachana	Rachana	Rachana	Rachana	Rachana	Rachana	Rachana	Rachana	Rachana	Rachana	Rachana	Rachana	
34	RASHIKA M	IRR20IS034	Rashika	Rashika	Rashika	Rashika	Rashika	Rashika	Rashika	Rashika	Rashika	Rashika	Rashika	Rashika	Rashika	Rashika	
35	RAVIKUMAR N	IRR20IS035	Ravikumar	Ravikumar	Ravikumar	Ravikumar	Ravikumar	Ravikumar	Ravikumar	Ravikumar	Ravikumar	Ravikumar	Ravikumar	Ravikumar	Ravikumar	Ravikumar	
36	RIYA KUMARI	IRR20IS036	Riya	Riya	Riya	Riya	Riya	Riya	Riya	Riya	Riya	Riya	Riya	Riya	Riya	Riya	
37	ROHAN S	IRR20IS037	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	Rohan	
38	SACHEITH N	IRR20IS038	Sacheith	Sacheith	Sacheith	Sacheith	Sacheith	Sacheith	Sacheith	Sacheith	Sacheith	Sacheith	Sacheith	Sacheith	Sacheith	Sacheith	

40	SAGAR D	IRR20IS039	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar
41	SATHWICK C B	IRR20IS040	Sathwick	Sathwick	Sathwick	Sathwick	Sathwick	Sathwick	Sathwick	Sathwick	Sathwick	Sathwick	Sathwick	Sathwick	Sathwick
42	SINDHU P	IRR20IS041	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu	Sindhu
43	SUPRAJA A V	IRR20IS042	Supraja	Supraja	Supraja	Supraja	Supraja	Supraja	Supraja	Supraja	Supraja	Supraja	Supraja	Supraja	Supraja
44	THANUSH P	IRR20IS043	Thanush	Thanush	Thanush	Thanush	Thanush	Thanush	Thanush	Thanush	Thanush	Thanush	Thanush	Thanush	Thanush
45	VIJAY G	IRR20IS044	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay
46	SRIDHAR	IRR20IS045	Sridhar	Sridhar	Sridhar	Sridhar	Sridhar	Sridhar	Sridhar	Sridhar	Sridhar	Sridhar	Sridhar	Sridhar	Sridhar

Coordinator

Professor P. S. RAO

Dept. of Information Science & Tech.,  
Rajaramanna College of Engineering,  
Bangalore - 560 074.

## Department of Information Science and Engineering

Student Development program on "Android App Development"

Program Report

Date: 10/04/23

Duration : 5 days

No. of Participants: 45

Program objectives:

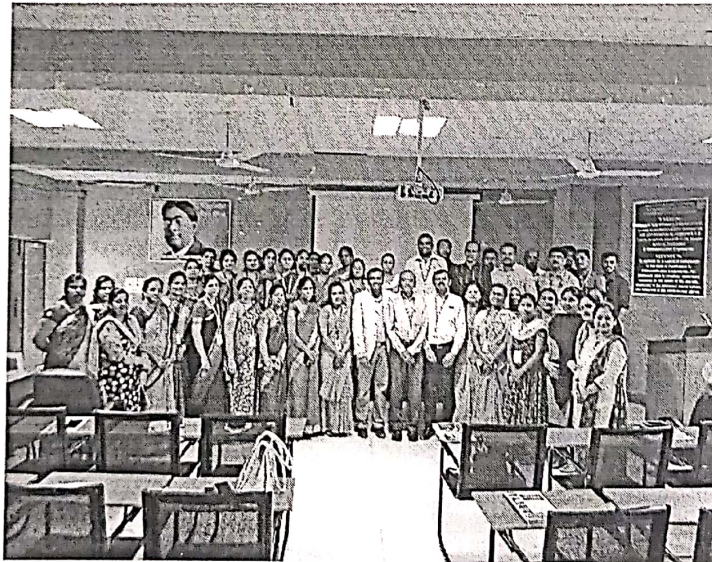
To give knowledge and hands on experience on

To know about the Android application development and while providing them with an opportunity to improve their Knowledge in Future.

Program outcomes:

- Basics of Android.
- Android Layouts and Widgets.
- Communication and Media.
- Storage Techniques and Animation in Android.
- Web Services and Customizations of Widgets.
- Advanced Android Concepts.
- Publishing Android Apps on Google Play.

Photo:



*[Signature]*  
Co-ordinator

*[Signature]*  
Professor & HOD  
Head of the Department  
RajaraJeswari College of Engineering  
Bengaluru - 560 074.



# Rajarajeswari College of Engineering

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#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru-560074

Department of Information Science & Engineering

## FEEDBACK FORM

SDP : " Android App Development "

Pooja. J

Sr. No.	Aspects	Excellent	Very Good	Good	Satisfactory
1	The workshop was scheduled at a suitable time.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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6	Overall, the session was informative and valuable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Reason for your rating:				
8	In what ways could this workshop have been improved to better suit your needs?				

*Pooja J*

Phone: +91-80-28437124 / 28437375

<https://www.rrce.org>

Email Id: [principal@rrce.org](mailto:principal@rrce.org)



**FEEDBACK FORM**

SDP: "Android App Development"  
 Amogh. M

Sr. No.	Aspects	Excellent	Very Good	Good	Satisfactory
1	The workshop was scheduled at a suitable time.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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7	Reason for your rating:				
8	In what ways could this workshop have been improved to better suit your needs?				

Amogh. M