



# 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


## CRITERIA – 7.3

AY 2023-24

Criteria 7.3: Institutional Distinctiveness.

7.3.1 Portray the performance of the Institution on one area distinctive to its priority and thrust.

Sl. No.	Description	Appropriate web in the Institutional website
1.	Distinctive area selected: RajaRajeswari Institution Innovation Council (RRIIC).	<a href="https://www.rrce.org/institutions-innovation-council/">https://www.rrce.org/institutions-innovation-council/</a>

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

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

Phone: +91-80-28437124 / 28437375

Email Id: principal@rrce.org

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



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## CRITERIA – 7.3

AY 2023-24

### Criteria 7.3: Institutional Distinctiveness.

#### 7.3.1 Portray the performance of the Institution on one area distinctive to its priority and thrust.

RajaRajeswari College of Engineering has chosen the RajaRajeswari Institution Innovation Council (RRIIC) as its distinctive platform dedicated to promoting innovation, entrepreneurship, and creative thinking among students and faculty.

#### Activities conducted during the 2023–24 academic year are as follows:

Sl. No.	Date (s)	Name of the Activity	Number of Participants
1	07.08.23	Leadership Talk on “Social Entrepreneurship & Lifeskills for GIG Economy”	200
2	21.08.23	Leadership Talk on “Entrepreneurial Ideas for Budding Engineers”	92
3	24.08.23	Session on Yukthi-NIR Idea Submission	62
4	31.08.23	Poster Presentation of Start Ups & Linkage with Innovation Ambassadors	42
5	08.09.23	Motivational Talk on My Story: “Motivational Session by Successful Startup Founder”	63
6	08.09.23	Innovation and Creativity Expo 2023 on “Innovative Product from waste”	67
7	13.09.23	Workshop on Design Thinking, Critical Thinking and Innovation Design”	147
8	23.09.23	Internal Hackathon-SIH 2023.	54
9	03.11.23	Incubation Centre visit to Indian Machine Tool manufacturer’s Association (IMTMA) and India Manufacturing Show and Innovation Expo 2023 for Entrepreneurship Skill Enhancement.	45
10	09.11.23	Webinar on “Research and Innovation in Construction Biotechnology”	29
11	09.11.23	World Creativity and Innovation Day	144
12	30.11.23	National Education Day 2023 Celebrations- Leadership Talk on “Entrepreneurship Education in HEIs”	147
13	09.12.23	Report on IIC Regional Meet Participation at Reva University	03
14	16.12.23	Seminar on “Know the Innovation & Research opportunities through IEEE Explore”	40

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## CRITERIA – 7.3

AY 2023-24

15	18.12.23	Seminar on “Intellectual Property Rights for Budding Engineers”	74
16	06.01.24	Report on “Intellectual Property Rights for Software Engineering”	120
17	06.01.24	Report on Alumni Leadership Talk on “Challenges faced by Young Entrepreneurs and Start up Founders”	70
18	12.01.24	National Youth Day celebration	70
19	17.01.24	Leadership Talk on “Developing Competitive Innovation and Research Proposal”	60
20	19.01.24	Report on “Entrepreneurial Exposure visit and & Field Exposure Study”	66
21	18.02.24	Workshop on “Business Model Canvas”	98
22	28.02.24	National Science Day Celebrations	320
23	09.05.24	Innovative Project Expo-2024	29
24	15.05.24 & 16.05.24	Two days Start Up Competition –Vyavahara Spardhanam	105
25	24.05.24	Innovate 2024 – Prototype Project Exhibition	282
26	28.05.24	Technical talk on ”Logical Thinking and Problem Solving”	113
27	21.06.24	World Environment Day Celebrations	74
28	10.07.24	Ideathon 2024 on “Best Out of Waste and Renewable Energy”	142
29	24.07.24	Entrepreneurial Leadership Talk on “Incubators and Accelerators for Early Stage Start Ups and Students”	60

*RRAB*

**Principal**  
Principal

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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING &

RAJARAJESWARI INSTITUTION COUNCIL(RRIIC)

### Leadership Talk on “Social Entrepreneurship & Life skills for GIGeconomy”

❖ **Date:** 7<sup>th</sup> August 2023 Time : 10.00 A.M. – 12.00 Noon

❖ **Venue:** APJ Abdulkalam Hall, RRCE

❖ **Instructor:** Mr. R. Sathish Raj

CEO, E-Crusaders, Chennai

❖ **Objective:**

The session was intended to develop Life skills and provide awareness about Entrepreneurship to our Electronics and Communication Engineering students. Developing business practices in students which can generate positive and sustainable change in society.

The objective of this program was to learn

- What is Social Entrepreneurship?
- Details about Gig Economy
- Importance of Life skills in Business practices

❖ **Total numbers of participants:** 200

❖ **Major Session Contents:**

Mr. R. Sathish Raj inspired the ECE students by speaking about Dr. A P J Abdul Kalam and his dreams. He gave a clear understanding how to take care of social issues while setting up an entrepreneurial venture. The session taught our students how to dream, what are the pillars of life.

The major points covered in the Technical Talk are the following :

- **Goals and dreams**

Align your goals and dreams in such a way that they focus on the 6 pillars, namely- mental health, physical health, family, finance, spirituality or connection with god and social responsibility.

- **Gratitude journal**

Write a few things you're grateful for each day.

He also mentioned a quote that I really liked- when your eyes are positive, you'll love the world. When your mouth is positive, the world will love you.

- **A brainstorm journal to basically keep a track of/ make notes on the TED talks you'll listen to or the inspiring content you consume**

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- It's similar to a brain dump where whenever you're stressed, you'll write down all the negative thoughts on your mind to clear them from your head.

He also mentioned something called RAA i.e., Read, Ask and Action which means that if you want to do something, first read about it, then ask people who have similar experiences to the thing you want to do and get their feedback and lastly act on it.

Event Poster

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

ESL, ECE

ISO

INSTITUTIONS INNOVATION COUNCIL

**ELECTRONICS & COMMUNICATION ENGINEERING**

**Technical Talk**  
 on  
**Social Entrepreneurship & Life Skills  
 for Gig Economy**

August 7, 2023  
 11:00 - 01:00 PM

Venue: A P J Abdul kalam Hall


**Mr. R. Sathish Raj**  
 CEO, E-Crusaders  
 Entrepreneur

Organizer  
 Dr. L. Rangaiah  
 Professor & HOD  
 Dept. of ECE

Faculty Co-ordinators  
 Dr. Deepika. J  
 Prof. Haritha K S  
 Dept. of ECE

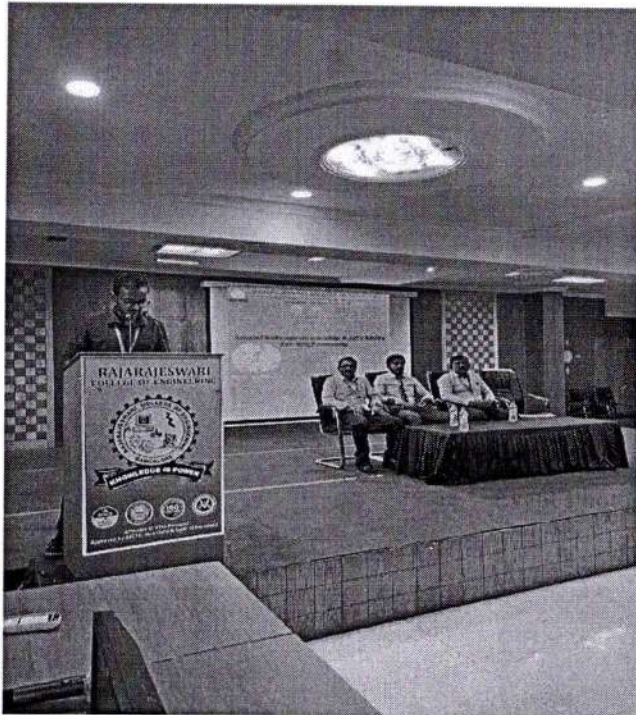
www.rrce.org    +91 9008845678    admission@rrce.org

**CET code: E145 COMED-K: E099 PG CET: T858**



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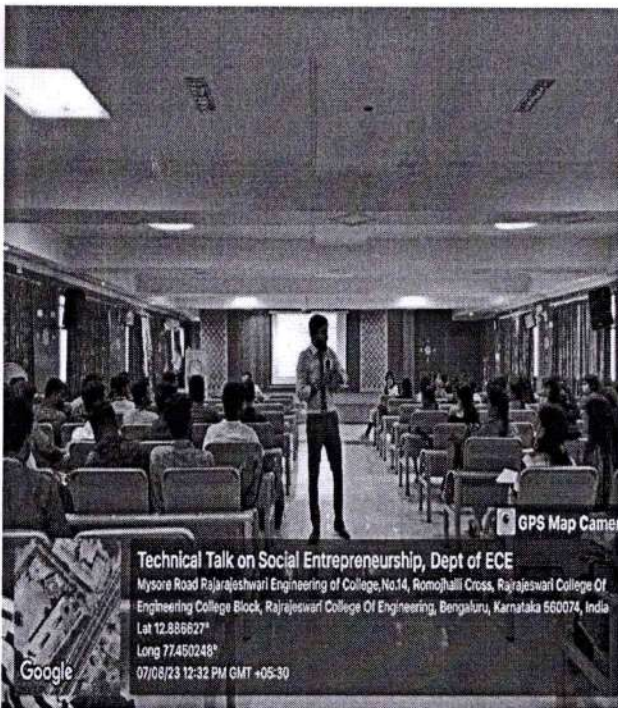
## Event Photographs



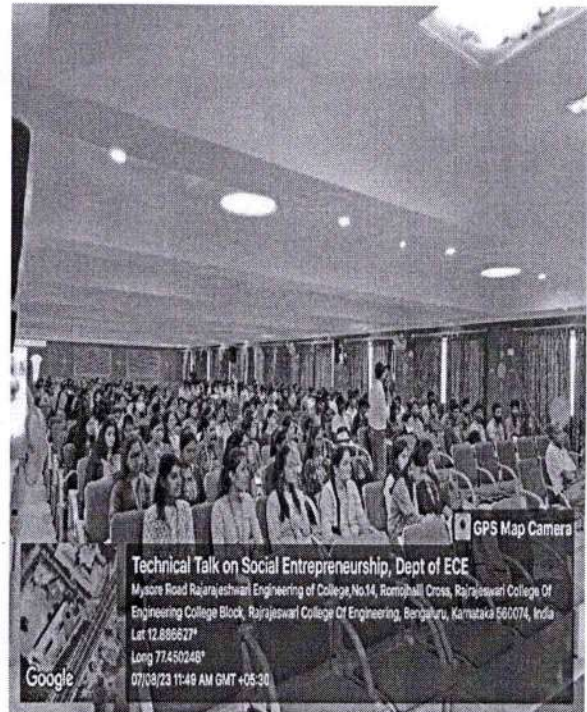
Welcome Address



Felicitation of Resource Person



Resource Person Mr. Sathish Raj delivered session



Students are interacting with Resource Person

*Rajarajeshwari*  
Principals  
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**RajaRajeswari Institution Innovation Council (RRIIC)**

**&**

**Department of Management Studies (M.B.A)**

1. TYPE OF EVENT : Creativity & Innovation Workshop
2. TITLE OF THE EVENT : Collage Preparation Competition on E Commerce
3. EVENT DURATION : 16.08.2023 Timing : 1.30 P.M. to 4.00 P.M.
4. VENUE : MBA Class Room
5. TARGET PARTICIPANTS : 1st year MBA students

Number of Students participated : 57

Number of Faculty members participated : 3

6. OUTCOME OF THE PROGRAM :

- It enhances the knowledge about the E-Commerce
- It helps students to maintain the good coordination between the team members
- It helps students to improve the time management in team work
- It helps students to develop the communication skills
- It helps students to use the resources for an optimum level

  
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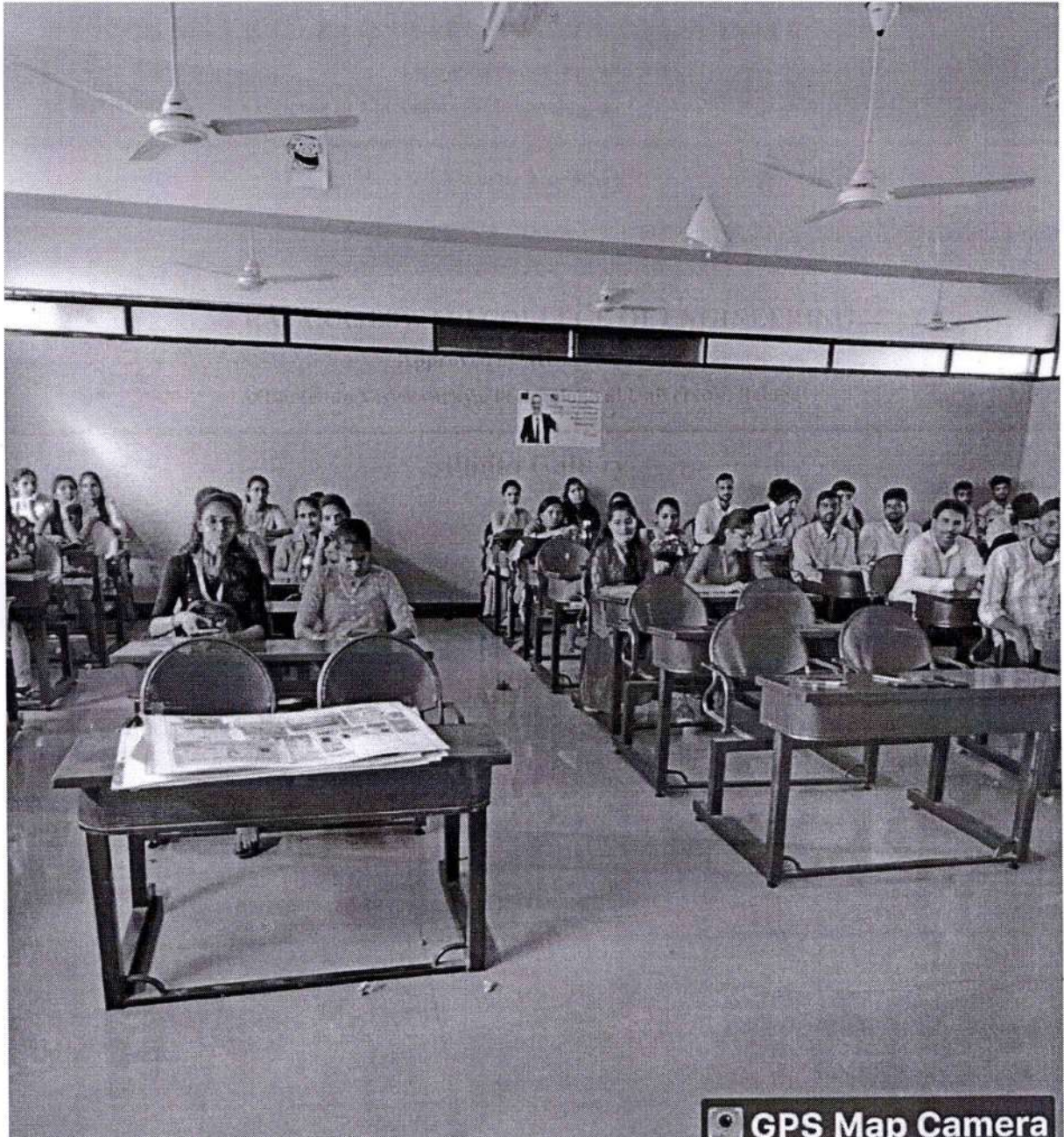


# RAJARAJESWARI COLLEGE OF ENGINEERING

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## Photo Gallery



 **GPS Map Camera**



Google

**Bengaluru, Karnataka, India**

No 18, Kumbalagodu, Bengaluru, Karnataka 560074, India

Lat 12.886496°

Long 77.449826°

16/08/23 04:05 PM GMT +05:30

*[Signature]*  
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Ramohalli Cross, Bengaluru-74





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 **GPS Map Camera**

**Bengaluru, Karnataka, India**  
No 18, Kumbalagodu, Bengaluru, Karnataka 560074, India  
Lat 12.886456°  
Long 77.449757°  
16/08/23 03:54 PM GMT +05:30

Google



 **GPS Map Camera**

**Bengaluru, Karnataka, India**  
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Lat 12.886462°  
Long 77.449732°  
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Google

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## **RajaRajeswari College of Engineering**

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

**RajaRajeswari Institution Innovation Council (RRIIC)**

MoE Approved: IC201912297

### **World Entrepreneurs Day – 2023**

Leadership Talk on “Entrepreneurial Ideas for Budding Engineers”

Date : 21.08.2023 Monday Time: 2:30 P .M. to 4:00 P.M.

Target Audience : UG Student members

**Resource Persons:**

**Dr. P. PAL PANDIAN, Ph.D**

Senior Member IEEE,

Professor and Program Coordinator

Dept. of B.Tech - Robotics and Mechatronics,

Christ University, Bangalore

**Number of Student members attended : 88 students**

**Number of Faculty Members attended : 4**

**Organizing Committee:**


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

**Dr. J.Amutharaj, President–RRIIC**

**Dr. S.Usha, Vice President - RRIIC & Dean - Research,**

**Dr. C.Ramesh, Convener–RRIIC**

**Outcome :** Dr. P. PAL PANDIAN has delivered an interactive and very interesting session on Innovation and Entrepreneurship for the budding engineers of #RRCE. It is a very useful and motivation session for all the upcoming engineers and entrepreneurs. It is one of the well- planned session with questions and answering session. It is a great experience to all the students in #RRCE, Bangalore.

  
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EventPoster



# RajaRajeswari College of Engineering



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



RR Institution Innovation Council (RRIIC)



World Entrepreneurs Day - 2023



A Session on

Entrepreneurial Ideas for Budding Engineers

**Resource Person**

**Dr. P. PAL PANDIAN, Ph.D**  
Senior Member IEEE,  
Professor and Program Coordinator  
Dept. of B.Tech - Robotics and  
Mechatronics,  
Christ University, Bangalore

**DATE: 21st August 2023**

**Time : 2: 30 PM to 4:00PM**

**Venue: Dr. APJ Abdul Kalam Hall**

**Organising Committee**

**Dr. R Balakrishna**  
Principal

**Dr. S. Usha**  
Dean - Research &  
VP - RRIIC

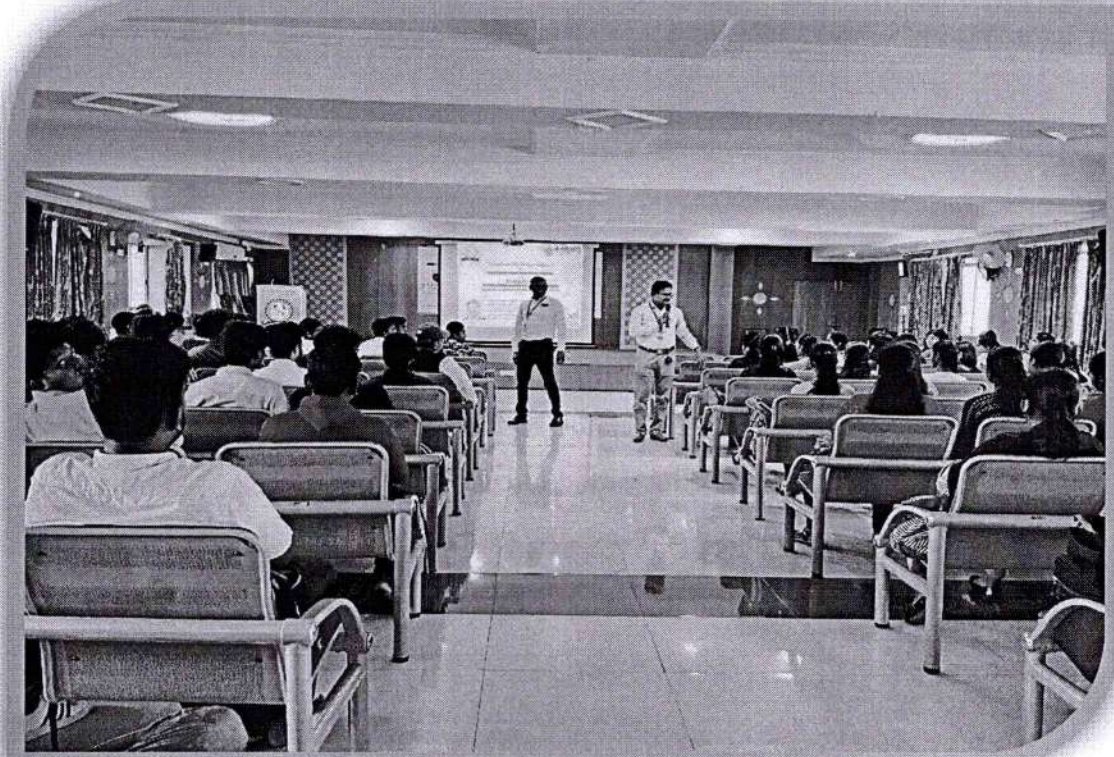
**Dr. J. Amutharaj**  
President - RRIIC

**Dr. L. Rangiah**  
Advisor - RRIIC

**Dr. C. Ramesh**  
Convener - RRIIC

  
Raja Rajeswari College of Engineering  
Ramohalli Cross, Bengaluru-74.

Event Photographs



*Rajeev*  
COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of Education Initiative)



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of Education Initiative)

## **RajaRajeswari College of Engineering**

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**RajaRajeswari Institution Innovation Council (RRIIC)**

MoE Approved : IC201912297

### **Session on Yukthi- NIR Idea Submission**

**Date : 24.08.2023 Thursday Time : 2:30A.M. to 4:00 P.M.**

**Target Audience : UG Student Members**

#### **Resource Person:**

**Dr. G.Vinoth, B.E., M.S., Ph.D, (USA)**

**CEO & Chief Start up Designer,**

**Pongu Ventures (P) Ltd., Chennai.**

**Number of Student members attended: 58**

**Number of Faculty Members attended : 4**

#### **Organizing Committee:**

**Dr. R Balakrishna, Principal,**

**Dr. J.Amutharaj, President–RRIIC&**

**Dr.S.Usha, Vice President - RRIIC & Dean - Research,**

**Dr.C.Ramesh, Convener–RRIIC**

#### **Outcome of the Program:**

- Technology Readiness Level
- Environment Description
- Manufacturing Readiness Level
- Investment Readiness Level
- Development Stages

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Event Poster



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RR Institution Innovation Council (RRIIC)



## Session on

"YUKTHI-NIR" - Idea Submission



## Resource Persons

**Dr. G. Vinoth. B.E., M.S.Ph.D(USA)**  
Start up Venture Designer,  
Pongu Ventures

**DATE: 24th August 2023**

**Time :2:30 PM to 4:0PM**

**Venue: CSE Seminar Hall , 5th Floor**

## Organising Committee

**Dr. R Balakrishna**  
Principal

**Dr. S. Usha**  
Dean - Research &  
VP - RRIIC

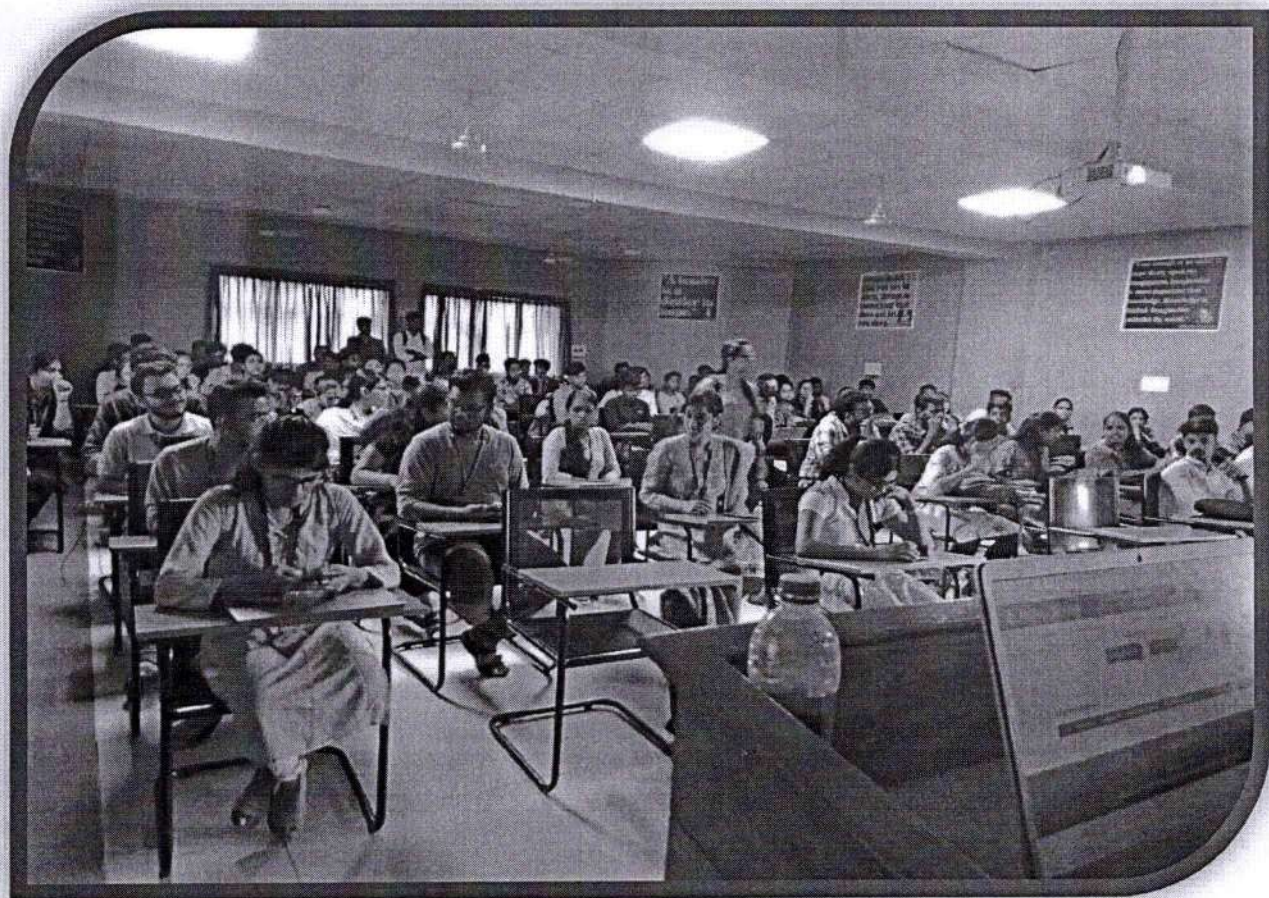
**Dr. J. Amutharaj**  
President - RRIIC

**Dr. L. Rangiah**  
Advisor - RRIIC

**Dr. C. Ramesh**  
Convener - RRIIC

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Event Photographs



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K. Rajarajeswari  
RAJARAJESWARI  
COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74



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**RajaRajeswari Institution Innovation Council (RRIIC)**  
MoE Approved: IC201912297

**Poster Presentation of Start Ups & Linkage with Innovation Ambassadors**  
**MoE Innovation Cell, NewDelhi**

**Date : 31.08.2023 Thursday Time : 10.00A.M. to 12.30 P.M.**

**Target Audience: All faculty members, UG Student members and PG Students**

**Innovation Ambassadors:**

- 1. Dr. Soby Durairaj M.E., Ph.D,**  
**MIC Innovation Ambassador, Start up Co-ordinator -**  
**RRIIC, Associate Professor, ECE, RRCE**
- 2. Prof. Sincy Kuruvilla,**  
**MIC Innovation Ambassador, Social Media Co-**  
**ordinator - RRIIC, Asst. Professor, EEE, RRCE**

**Number of Student members attended: 38**

**Number of Faculty Members attended: 4**

**Organizing Committee:**

- Dr.R. Balakrishna, Principal,**  
**Dr.J.Amutharaj, President–RRIIC**  
**Dr.S.Usha, Vice President - RRIIC & Dean- Research**  
**Dr. C. Ramesh, Convener - RRIIC,**

  
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Event Poster



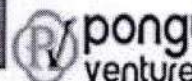
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RR Institution Innovation Council (RRIIC)



## Poster Presentation of Start Ups & Linkage with Innovation Ambassadors



### Innovation Ambassadors

Dr. Soby Durairaj

MIC Innovation Ambassador,  
Start up Co-ordinator - RRIIC,  
Associate Professor, ECE, RRCE

Prof. Sincy Kuruvilla,

MIC Innovation Ambassador,  
Social Media Co-ordinator - RRIIC,  
Asst. Professor, EEE, RRCE

**DATE: 31st August 2023**

**Time : 10: 00 A.M to 12:30PM**

### Organising Committee

**Dr. R Balakrishna**  
Principal

**Dr. S. Usha**  
Dean - Research &  
VP - RRIIC

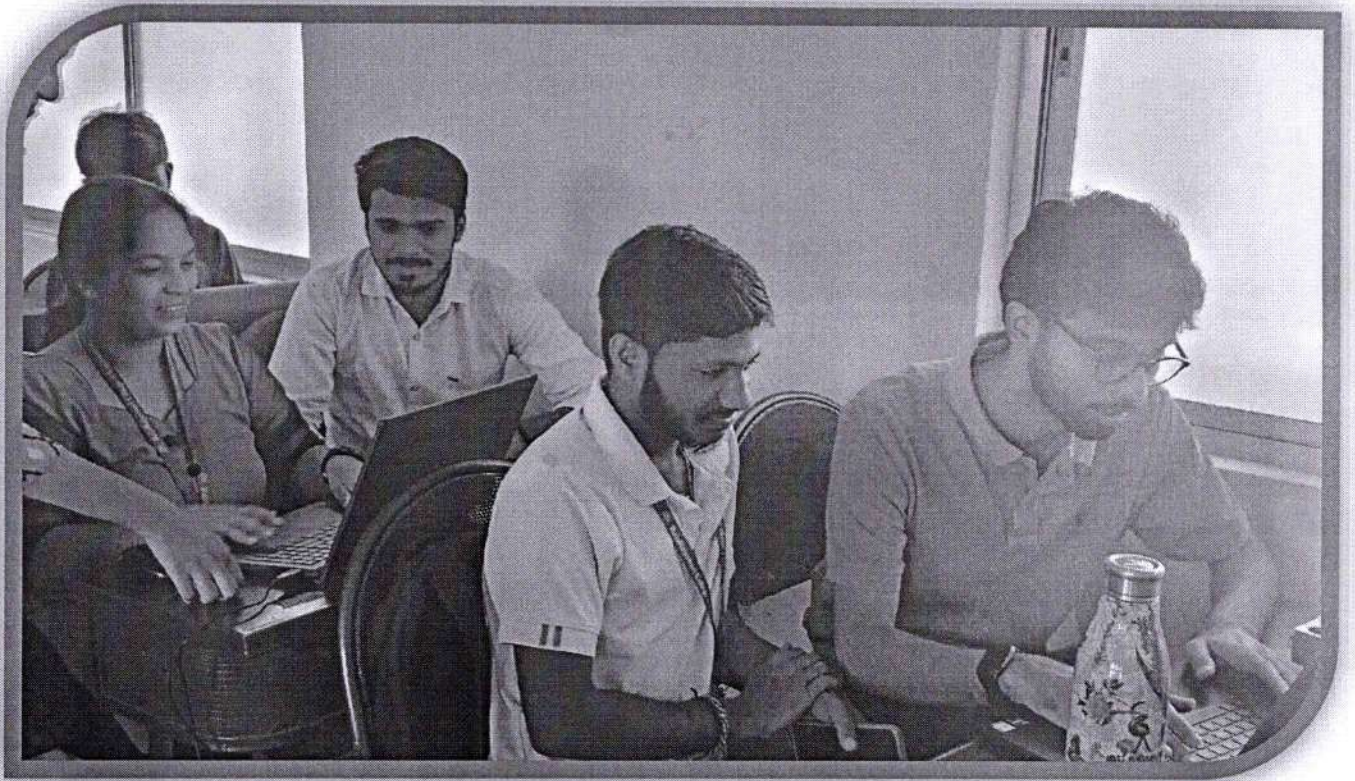
**Dr. J. Amutharaj**  
President - RRIIC

**Dr. L. Rangiah**  
Advisor - RRIIC

**Dr. C. Ramesh**  
Convener - RRIIC

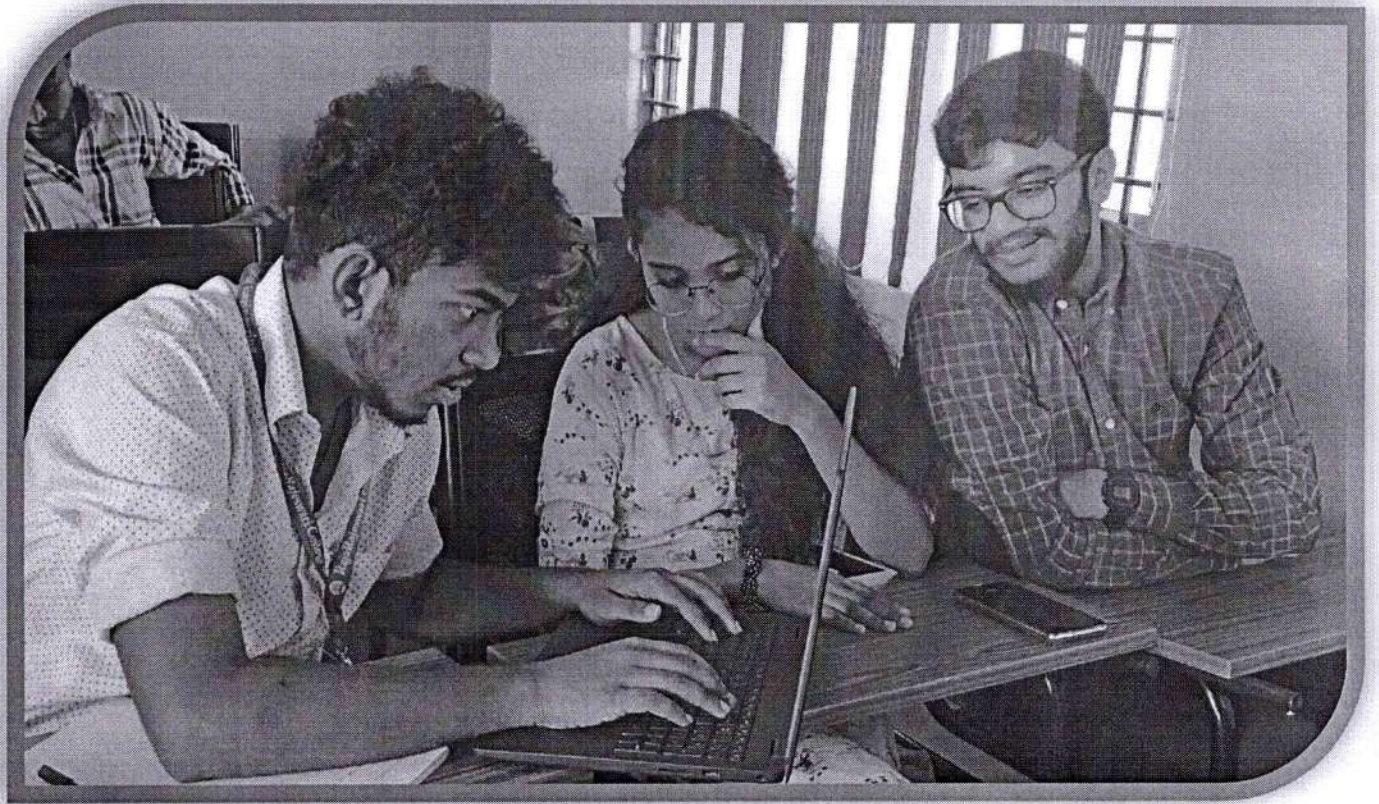
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COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-76

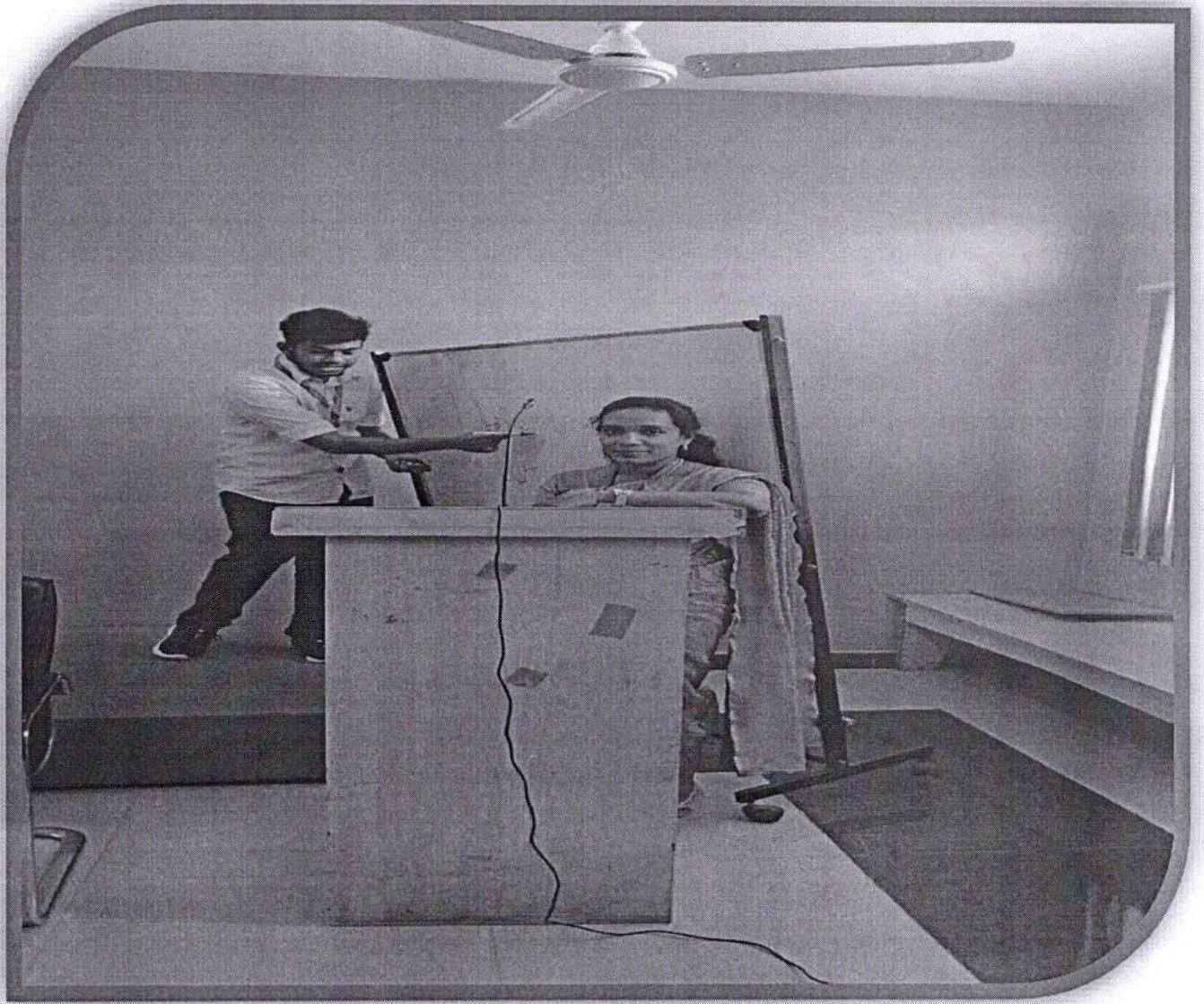
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Event Photographs



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Department of Artificial Intelligence & Machine Learning & RRIIC

Title of the event : My Story : Motivational Session by Successful Start up Founder

**Resource Person :**

Mr. R. Sathish Raj  
CEO, E-Crusaders, Chennai

Date of the Event : 08.09.2023

Event Duration : 11.00 A.M. to 1.00 P.M.

Venue : Dr. A P J Abdul Kalam Hall, RRCE

Target Participants : 63 Students of AI & ML

**Objective:**

The session was intended to motivate the students on Entrepreneurship and Start up creation of our AI & ML department.

Developing business practices in students which can generate positive and sustainable change in society.

The objective of this program was to learn

- ❖ What is Social Entrepreneurship?
- ❖ Details about Gig Economy
- ❖ Challenges in Entrepreneurship and Start up establishment and Business practices

Mr. R. Sathish Raj inspired the students by speaking about Dr. A P J Abdul Kalam and his dreams. He suggested to understanding the social issues while setting up an entrepreneurial venture. The session taught our students their dream and the support of life.

**Outcome of this program :** Students are provided the information about goal and dreams. He expressed that when your eyes are positive, you'll love the world. When your mouth is positive, the world will love you. He also mentioned RAA i.e., Read, Ask and Action that if you want to do something, read about it, then ask people with experiences to the thing you want to do and get their feedback and lastly act on it.

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Department of Artificial Intelligence & Machine Learning & RRIIC

Poster

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NO. 14, RAMOHALLI CROSS, MYSORE ROAD, KUMBALGODU, BANGALURU-74  
Dept. of Artificial Intelligence & Machine Learning

**My Story : Motivational Session by Successful Start up Foudner**

**Resource Person**  
**Mr. R. Sathish Raj**  
CEO, E-Crusaders, Chennai

**Date : 8th September 2024      Time : 11.00 A.M**

**Venue : Dr A P J Abdulkalam Conference Room**

**HOD**  
Dr. RAJESH K S  
Assoc. Professor and Head, AI & ML

**Principal**  
Dr. R Balakrishna



Photograph of the event My Story : Motivation Session by Successful start up Founder

*RajaraJeswari*  
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Department of Artificial Intelligence & Machine Learning & RRIIC



Photograph of the event My Story : Motivation Session by Successful start up Founder

  
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**Dept. of Management Studies &  
RajaRajeswari Institution Innovation Council (RRIIC)**

**Innovation and Creativity Expo 2023 on "Innovative Product from Waste"**

Type of Event : Innovation and Creativity Expo 2023 on "Innovative Products from Waste"

Title of The Event : From Waste to Product Development

Date : 8.9.2023 Timing : 1.00 P.M. - 4.00 P.M.

Venue: MBA Class Room

Target Participants : 1st year MBA students

Number of Students participated : 60 M.B.A. First year students

Number of Faculty members involved : 7 staff member

Outcome of the Program:

- It has helps to improve our knowledge by using waste how to develop an innovative product.
- It helps to conversion of waste into a best product.
- It helps to bring creative ideas in students and it converts into innovation.
- It helps students to maintain environment clean and hygienic.
- It helps students to know reduce, reuse and recycle of the product.
- With some imagination items such as plastic bottles, cardboard and other can be turned into something useful.

Organizing Committee:

Dr.R.Balakrishna, Principal

Dr.J. Amutharaj, President – RRIIC

Dr.S. Usha, Vice President –RRIIC & Dean – Research

Dr.C.Ramesh, Convener – RRIIC

Dr. Lakshmi, Professor and Head, M.B.A.

  
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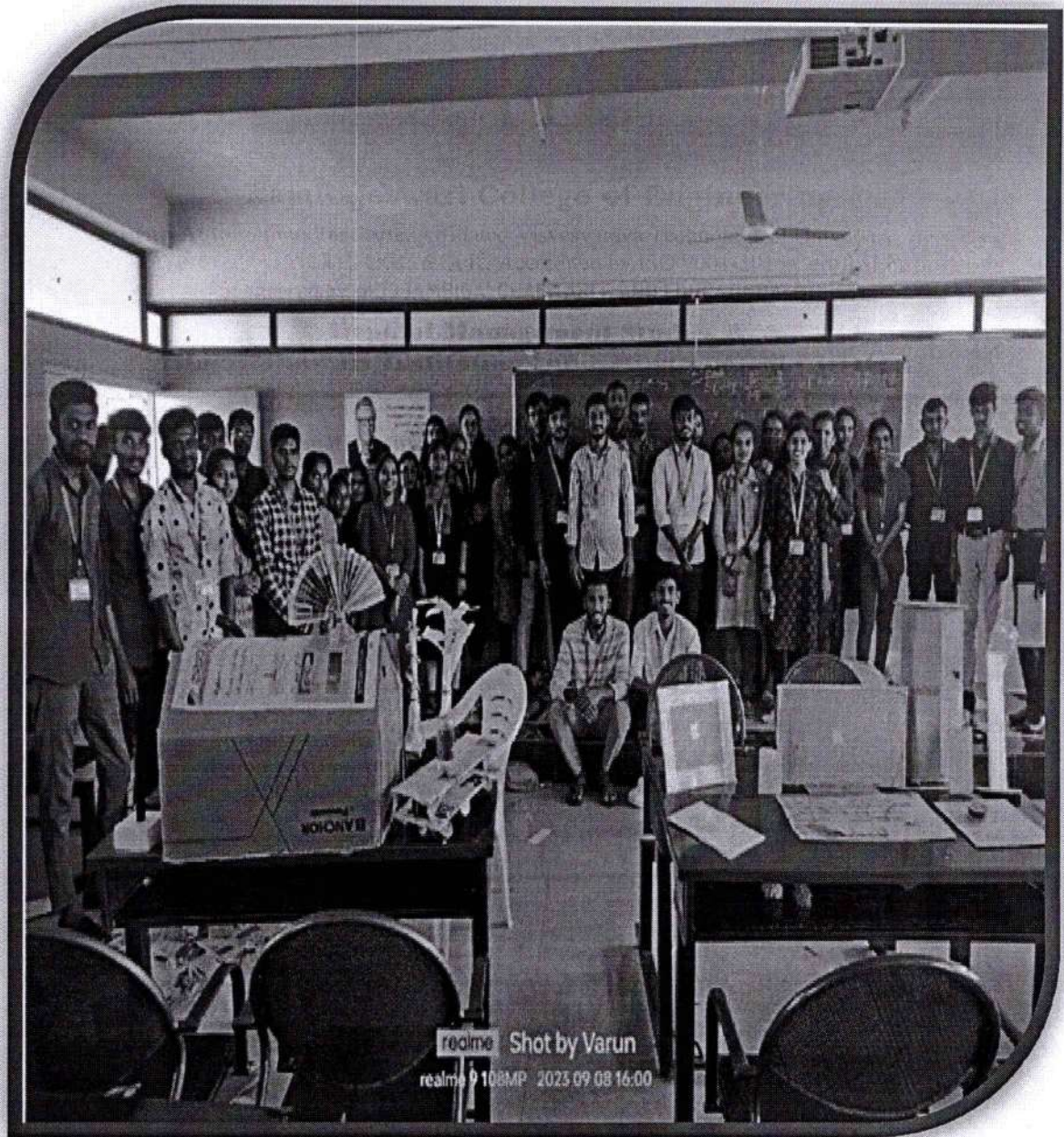
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Innovation and Creativity Expo 2023 on "Innovative Products from Waste"

Expo Photographs



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Expo Photographs



*R.R. Rajeswari*  
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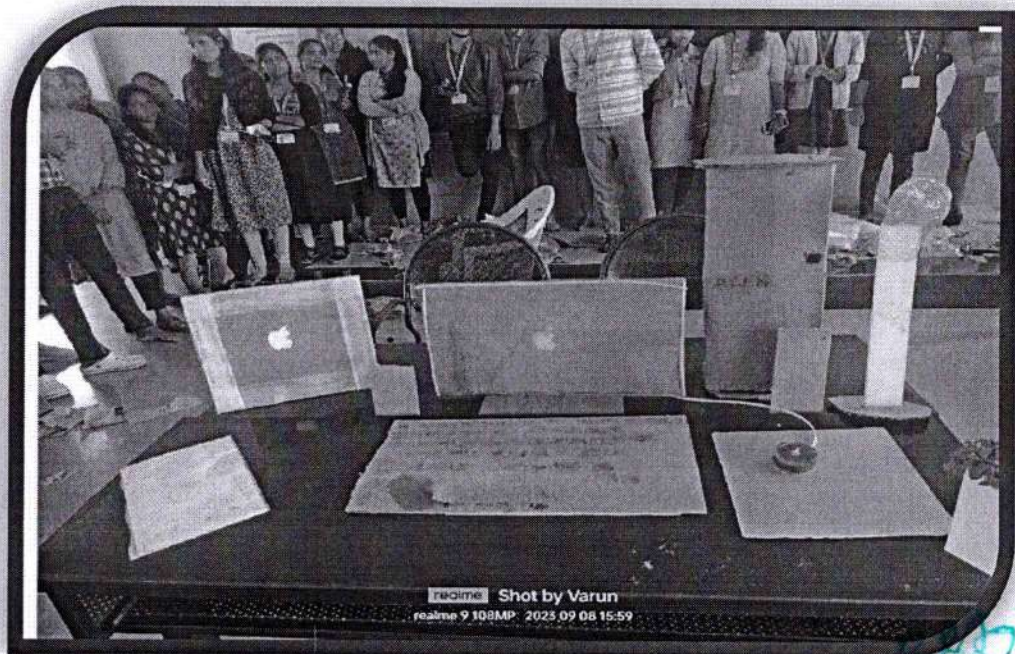
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Innovation and Creativity Expo 2023 on "Innovative Products from Waste"

Expo Photographs



*[Handwritten Signature]*  
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Report of the Workshop on " Design Thinking, Critical Thinking and Innovation Design "

RRCE #RRIIC Workshop on "Design Thinking, Critical Thinking and Innovation Design":

#RRIIC has conducted the Workshop on ""Design Thinking, Critical Thinking and Innovation Design" to the First year B.E Students of 2023 - 2024 batch on 13<sup>th</sup> September 2023, Time: 10.00 A.M to 1.00 P.M.

Venue: Dr. A.P.J. Abdul Kalam Conference Hall, RRCE Campus.

Key Note Speaker:

Dr. N. Thangadurai

Dean - Innovation

RajaRajeswari College of Engineering, Bengaluru.

Objective : To give an orientation session for the First year Engineering students on Design Thinking, Critical thinking and Innovation Design

No of students participated : 132

No. of Faculty members : 15

Organizing Committee :

Dr.R.Balakrishna, Principal

Dr.J. Amutharaj, President – RRIIC

Dr.S. Usha, Vice President –RRIIC & Dean – Research

Dr.C.Ramesh, Convener – RRIIC

Dr.A.S. Hariprasad, Professor and Head-Maths,

Dr.K.S. Krishnakumar, Professor and Head – Physics

Dr.A.Sudhakara, Professor and Head - Chemistry

  
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**RajaRajeswari Institution Innovation Council (RRIIC)**

Event Poster



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RajaRajeswari Institutions Innovation Council



**Organized Workshop on  
DESIGN THINKING, CRITICAL THINKING  
AND INNOVATION DESIGN**

**RESOURCE PERSON**

**Date :**  
13-09-2023




**Time :**  
10.00 A.M. - 1.00 P.M

**Dr. N. Thangadurai**  
Dean - Innovation,  
RajaRajeswari College of Engineering,  
Bangalore - 560074

**Organizing committee**

<b>Dr. Balakrishna. R</b> Principal	<b>Dr. J. Amutharaj</b> Vice-Principal & RRIIC President	<b>Dr. Usha . S</b> Dean
<b>Dr. C.Ramesh</b> Convenor- RRIIC		<b>Dr. A. S. Hariprasad</b> HOD- Maths
<b>Dr. K. S. Krishna Kumar</b> HOD- Physics		<b>Dr. A. Sudakara</b> HOD- Chemistry

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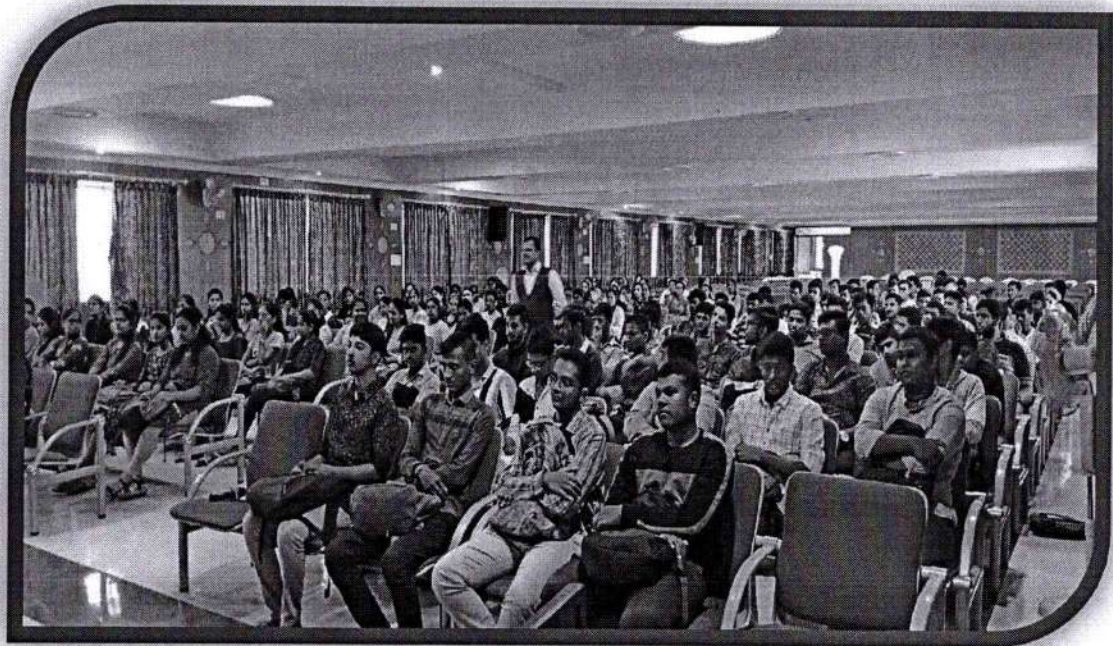
  
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Workshop Photographs



Workshop on "Design Thinking, Critical Thinking and Innovation Design"  
" during First year Student Induction Programme on 13.9.2023

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## RajaRajeswari Institution Innovation Council (RRIIC)

(MoE Approved: IC201912297)

### Report of Internal Hackathon - SIH 2023

Venue: 5<sup>th</sup> floor, Discussion Room, RRCE

Date: 25.09.2023

#### About Internal Hackathon:

The internal hackathon was held at RajaRajeswari College of Engineering on 23.09.2023. 54 teams participated in the Internal Hackathon. All the teams came up with the ideas reflecting the problem statement given by SIH (Smart India Hackathon).

#### Coordinators for Internal Hackathon:

The Institution identified Dr. P. Ebby Darney, Associate Professor - EEE as Institution SPOC (Single Point of Contact) and Department coordinators are also identified to facilitate students' participation for Internal Hackathon event. The following staff members are being nominated from each department to conduct the "Internal Hackathon - Smart India Hackathon - 2023" jointly organized by RajaRajeswari Institution Innovation Council (RRIIC) of RajaRajeswari College of Engineering, Bangalore on 23rd September 2023.

SNo	Name of the Faculty	Designation	Department
1	Dr. P Ebby Darney	SPOC – SIH 2023 & HoD	EEE
2	Dr. Amutharaj J	Vice Principal & President -RRIIC	ISE
3	Dr. K S Krishna Kumar	HoD	Physics
4	Dr. Sudhakara A	HoD	Chemistry
5	Dr. Satheesha V	Associate Prof.	ME& RA
6	Dr. Sunitha R	Associate Prof.	ECE
7	Prof. Pavithra N	Assistant Prof.	ISE

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8	Mrs. Bharathi V	Assistant Prof.	EEE
9	Prof. Malarvizhi M C	Assistant Prof.	CV
10	Prof. Rajkumar	Assistant Prof.	CSE
11	Prof. Megha	Assistant Prof.	CSE
12	Prof. Chaitra	Assistant Prof.	CSE
13	Prof. Rashmi	Assistant Prof	AIML
14	Dr. T Subburaj	Associate Prof.	MCA
15	Prof. Deepa K R	Assistant Prof.	CSE
16	Prof. Sowmya	Assistant Prof.	MBA

## Jury Panel:

Four senior faculty members cum MoE trained Innovation Ambassadors were served as jury members for selecting the best ideas from the presentation. The details of jury members is as follows:

**Dr. Siddesha H.S.**

Associate Professor, First Year Co-ordinator,  
ACS College of Engineering, Bangalore.

**Dr. D Sivakumar**

Professor, Dept of CSE,  
ACS College of Engineering, Bangalore.

**Dr. D Soby**

Associate Professor, Dept of ECE, RRCE, Bangalore  
**MoE certified Innovation Ambassador, RR-IIC**

**Dr. Sreenivasalu Reddy N S**

Associate Professor – Dept of R&A,  
RRCE, Bangalore

**MoE certified Innovation Ambassador, RR-IIC**

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## Internal Hackathon - Event Poster

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**MoE Approved**  
IC201912297

**INSTITUTION'S  
INNOVATION  
COUNCIL**  
REGISTRY OF 1000 INNOVATORS

**AACSB  
MBA  
NBA**  
CSE, ECE

**Ministry of  
Education**  
GOVERNMENT OF INDIA

**SMART INDIA  
HACKATHON  
2023**

**G20**  
INDIA 2023

**RajaRajeswari Institution's Innovation Council  
organizes**

***INTERNAL HACKATHON 2023***  
*SOFTWARE & HARDWARE EDITION*

for

***SMART INDIA HACKATHON 2023***

**Date : 23rd September 2023**  
**Time : 10:00 AM to 01:00 PM**

***Imagine Invent Innovate***

**RRIIC Office Bearers**

Dr. Balakrishna R	- Principal, RRCE
Dr. Usha, S	- Dean, Research
Dr. Thangadurai N	- Dean, Innovation
Dr. J. Amutharaj	- President, RRIIC
Dr. C. Ramesh	- Convener, RRIIC
Dr. L. Rangalah	- Advisor, RRIIC
Dr. Rajesh K S	- Advisor, RRIIC

**Organizing Committee**

Dr. P. Ebby Darney - SPOC - SIH 2023 & HoD, EEE	Dr. Sudhakara A - HoD, Chemistry
Dr. T. Subburaj - ASP & HOD, MCA	Dr. K.S. Krishna Kumar - HoD, Physics
Dr. R. Sunitha - ASP, ECE	Prof. Bharathi V - AP, EEE
Dr. Satheesa V - ASP, ME, R&A	Prof. Megha - AP, CSE
Prof. Pavithra K S - AP, ISE	Prof. Rajkumar - AP, CSE
Prof. Rashmi - AP, AIML	Prof. Malarvizhi M C - AP, CIVIL
Prof. Sowmya - AP, MBA	Prof. Chalthra - AP, CSE
	Prof. Deepa K R - AP, MCA

**OPEN FOR ALL STUDENTS OF RRCE**

*R. P. S.*  
Principal

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


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Welcome Poster for Jury members of Internal Hackathon – SIH 2023



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CET Code : E145

COMEDK Code : E099

PGCET Code : T858

## RRIC

*Welcomes*

### Jury Members of SIH 2023

*Internal Hackathon 2023*



**Dr. H S Siddesha**  
Associate Professor & First  
Year Coordinator  
ACS College of Engineering,  
Bangalore.



**Dr. D. Sivakumar**  
Professor - CSE,  
ACS College of Engineering,  
Bangalore.



**Dr. D. Soby**  
Associate Professor - ECE,  
RajaRajeswari College of  
Engineering,  
Bangalore.



**Dr. N Sreenivasulu Reddy**  
Associate Professor - R & A,  
RajaRajeswari College of  
Engineering,  
Bangalore.

**Venue : 5th Floor Lobby**

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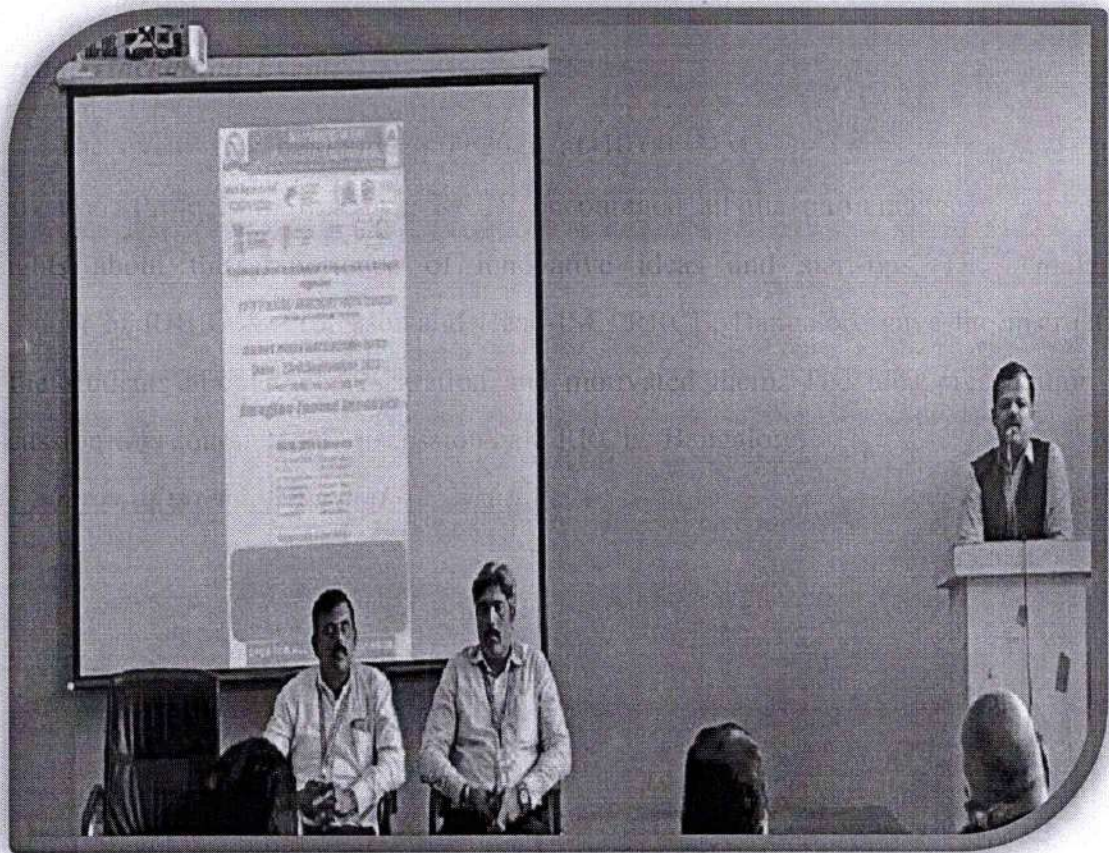
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## Internal Hackathon Event:

The event was held on 23.09.2023 at 10.00 A.M. Dr Thangadurai N, Dean – Innovation, Projects & Strategies, RRCE encouraged all the participants by giving the insights about the importance of innovative ideas and start-ups. Dr. Amutharaj, President of RRIIC & Professor and Head-ISE, RRCE, Bangalore gave the instructions to the students about the presentation and motivated them. The idea presentation and discussion was conducted in discussion hall, RRCE, Bangalore.

## The photos of internal hackathon event:



Dr Thangadurai N, Dean – Innovation, Projects & Strategies, address the gathering

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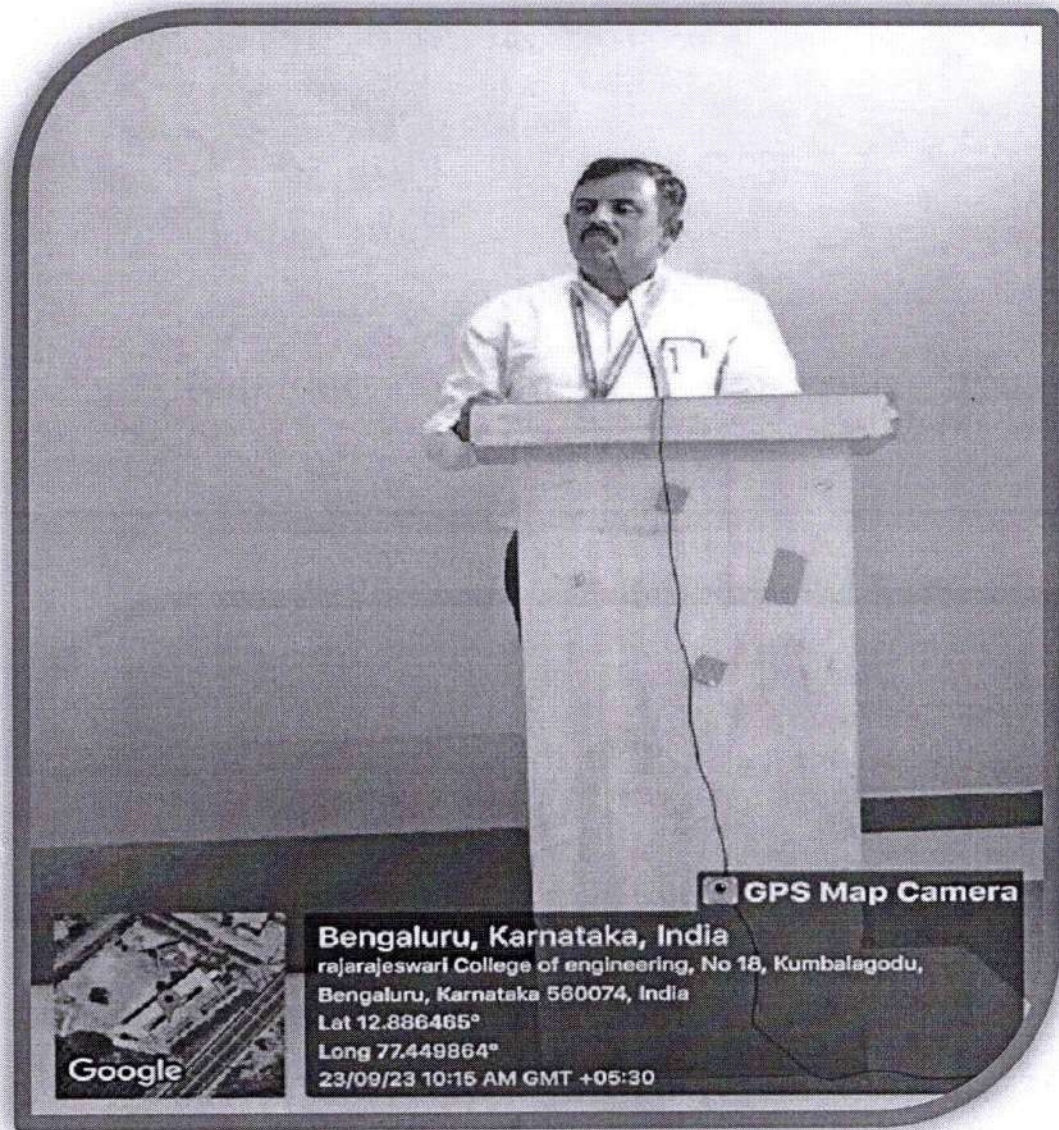
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Dr. Amutharaj, President of RRIIC & Professor and Head-ISE, RRCE, Bangalore deliver the key note speech on “Smart India Hackathon 2023” & How RRCE IIC will support the student teams.

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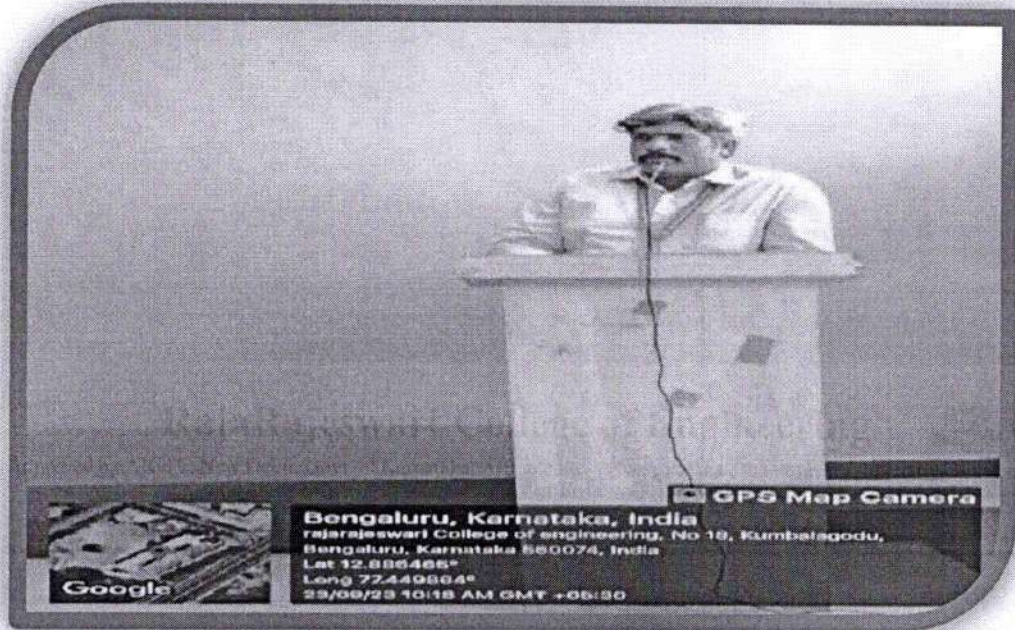




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Dr. P. Ebby Darney, Professor & HoD – EEE has delivered the introductory note on Internal Hackathon for SIH 2023. He narrated the procedure for submitting Ideas into SIH portal before the deadline.



Internal Hackathon participants attending the Inauguration session

*[Handwritten signature]*  
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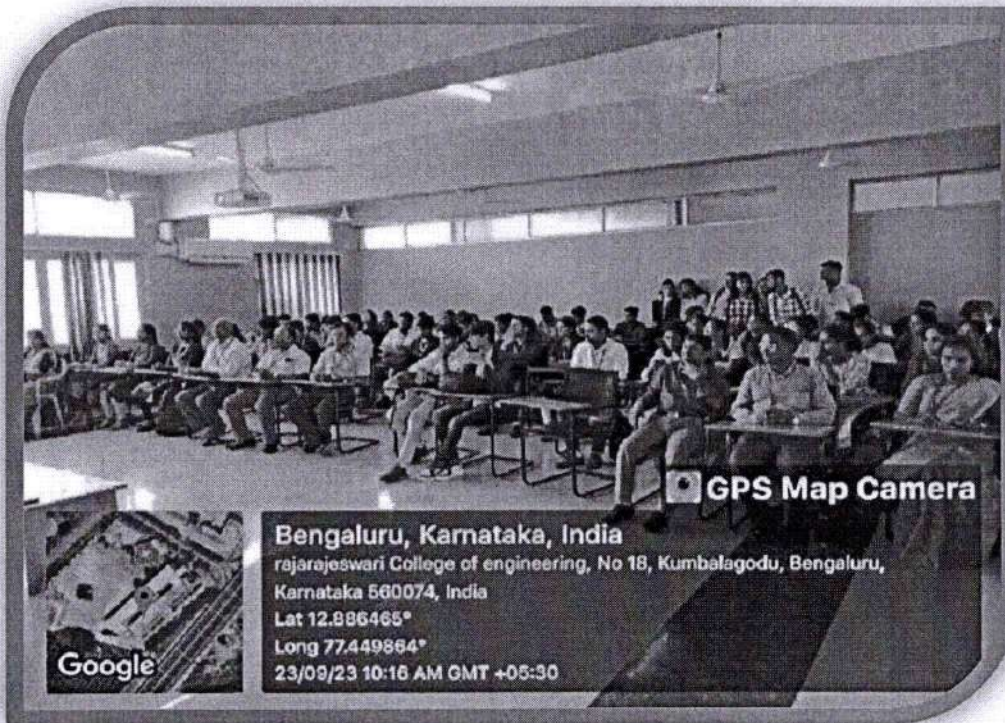
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Internal Hackathon participants attending the Inauguration session

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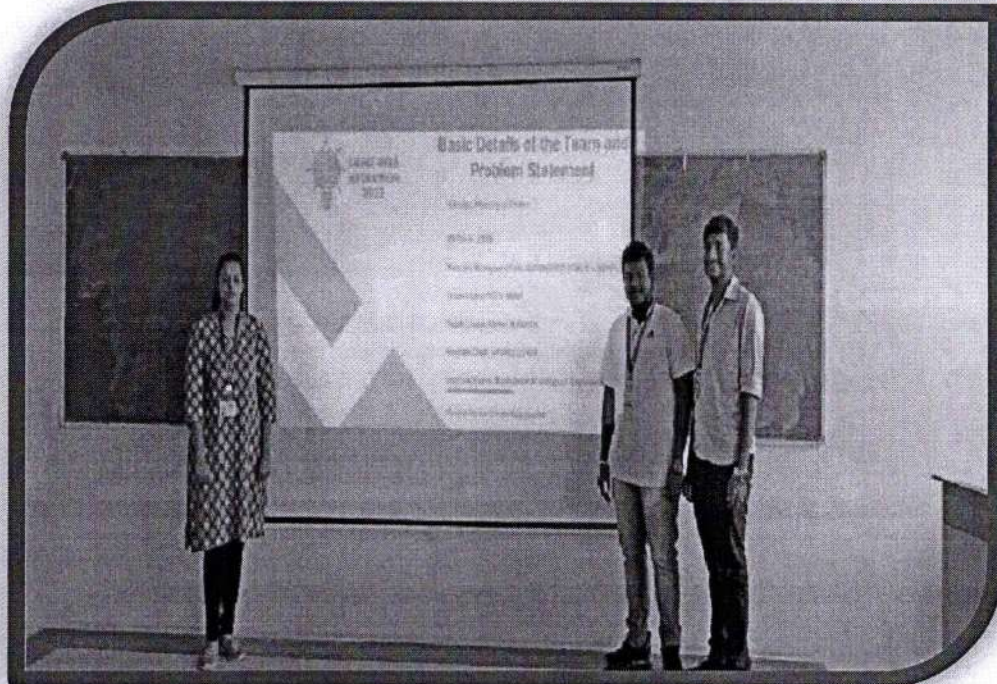
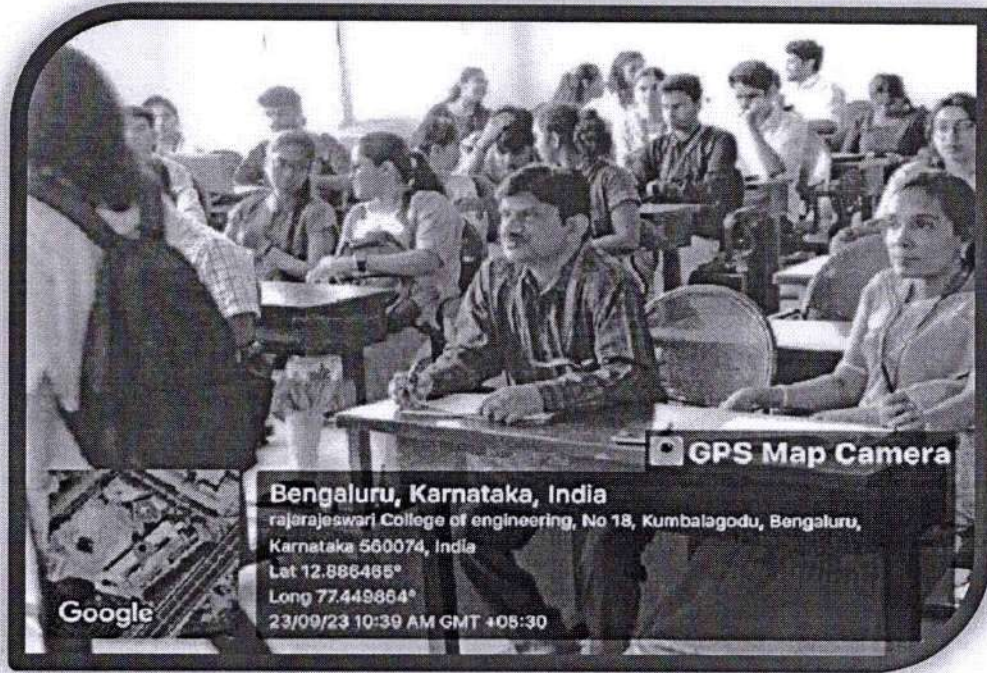


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## Presentation of Ideas by Student Teams & Mentoring by Jury Panel / Innovation Ambassadors



*R.R.J.*  
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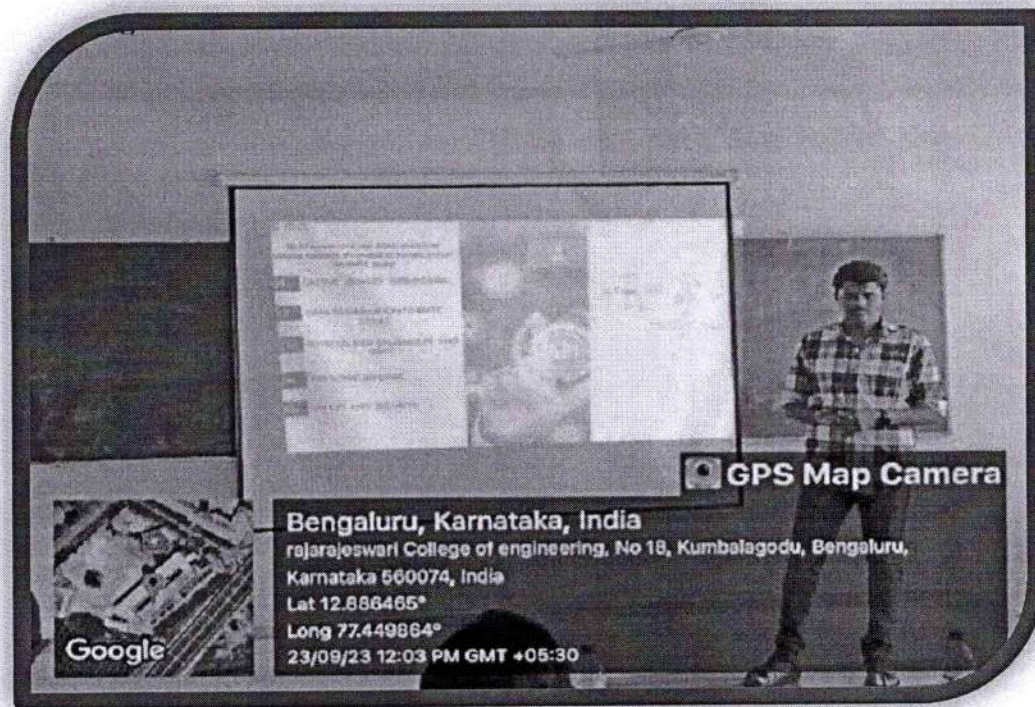
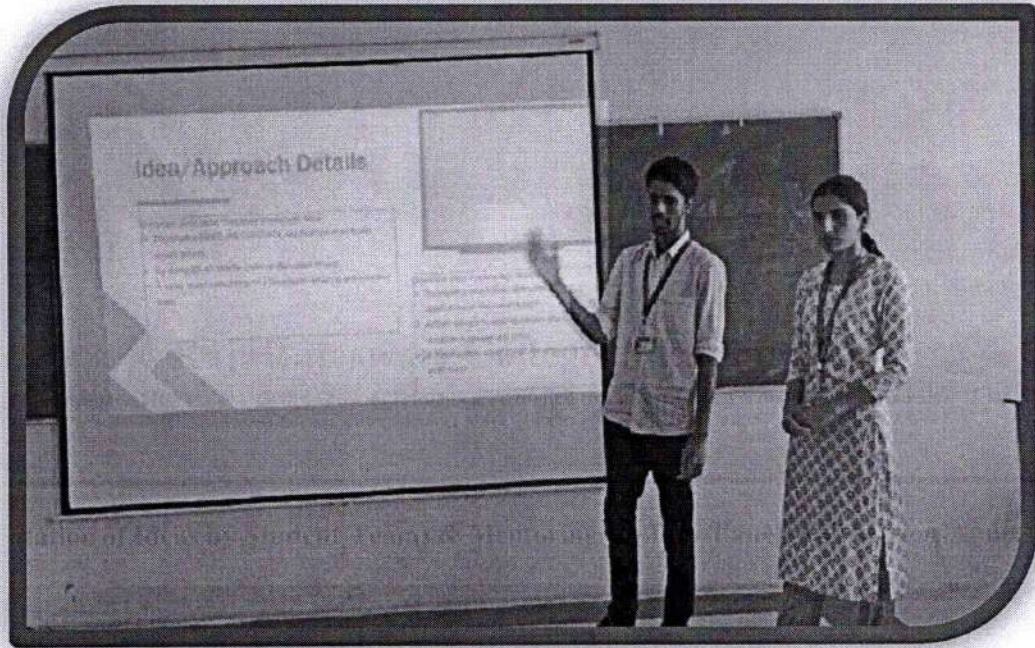


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## Presentation of Ideas by Student Teams & Mentoring by Jury Panel / Innovation Ambassadors





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## Presentation of Ideas by Student Teams & Mentoring by Jury Panel / Innovation Ambassadors



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A total 54 best ideas were shortlisted and mentored and the same will be uploaded in SIH portal.

## Social Media Links:

### Facebook:

<https://www.facebook.com/100064835734678/posts/pfbid0vmWApVLexSSzJviJQXNugdekRKMYQAN1asbzDXJXcsqJEDz8vbK4LJaEJagur1rl/?sfnsn=wiwspwa&mibextid=6aamW6>

### Instagram:

[https://www.instagram.com/p/CxmgoRerNJc/?utm\\_source=ig\\_web\\_copy\\_link&igshid=MzRIODBiNWFIZA==](https://www.instagram.com/p/CxmgoRerNJc/?utm_source=ig_web_copy_link&igshid=MzRIODBiNWFIZA==)

Dr.P. Ebby Darney, Professor and HoD – EEE Dept., & SPOC- SIH 2022

Dr.J. Amutharaj, Vice Principal and HoD – ISE, & RRIIC President

Dr.R. Balakrishna, Principal

  
Principal  
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**Dept. of Robotics and Automation &  
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Report of the Incubation Centre Visit by Robotics & Automation Engineering students

*Incubation Centre visit to Indian Machine Tool Manufacturers' Association (IMTMA) and India Manufacturing Show  
and Innovation Expo 2023 for Entrepreneurship Skill Enhancement*

Date of the programme : 3<sup>rd</sup> November 2023 Friday Timing : 10.00 A.M. to 4.00 P.M.

Faculty Co Ordinators :

Dr.M.Karthikeyan,

Professor and Head & Advisor - RRIIC  
Department of Robotics and Automation  
RajaRajeswari College of Engineering

Dr. C.Ramesh

Professor and Head & Convener - RRIIC  
Department of Mechanical Engineering  
RajaRajeswari College of Engineering

Prof.Radhakrishna R.K.

Assistant Professor

Department of Mechanical Engineering  
RajaRajeswari College of Engineering

Students attended : 45 students of 1<sup>st</sup> Semester B.E. (Robotics and Automation)

Outcome of the programme:

Students gained information about the following:

- Understand how the technology, and production activity works and also acquire
- knowledge and experience.
- Need for robots, ways it helps the industry
- Future scope for robotics and applications of the robots such as pick-and-place,
- palletizing, sorting etc.
- CNC Machines (vertical and horizontal machines).
- Many companies had presented their ideas and Innovations.

  
Principal  
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- Projects and products based on Robotics presented by various companies such as UCAM ,Powertech Pollution, Control, Aisiri, Smart tool dispenser, Madox Technologies, Alstrut India, Ati and many more companies explained their innovative Products and components.

Organizing Committee :

Dr.R.Balakrishna, Principal

Dr.J. Amutharaj, President – RRIIC

Dr.S. Usha, Vice President –RRIIC & Dean – Research

Dr.C.Ramesh, Convener – RRIIC

Dr.M.Karthikeyan, Professor and Head & Advisor - RRIIC

Incubation and Innovation Centre Visit Photographs



1<sup>st</sup> year Robotics and Automation students were ready to board the bus to IMTMA and IMS  
2023 Innovation Expo.

Principal  
RAJARAJESWARI  
COLLEGE OF ENGINEERING  
Tammohalli Cross, Bengaluru-74





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**Dept. of Robotics and Automation &  
RajaRajeswari Institution Innovation Council (RRIIC)**



Students are waiting in the Seminar Hall IMTMA



Mr.Rajashekara HV. Advisor and Head, IMTMA Design Institute. Indian Machine ToolsManufacturers Association (IMTMA) briefed on importance of Robotics and Automation

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Bengaluru-74



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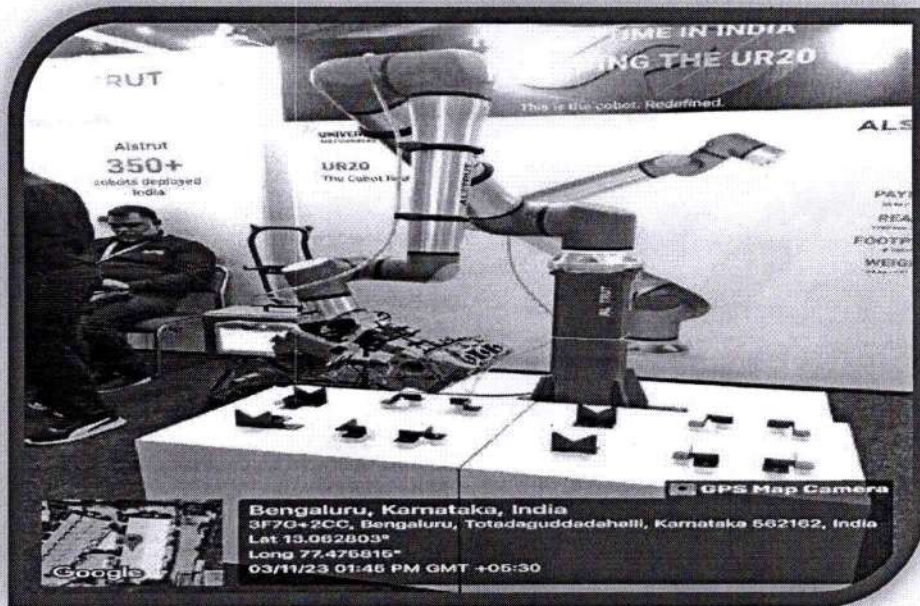


**Dept. of Robotics and Automation &  
RajaRajeswari Institution Innovation Council (RRIIC)**



Bengaluru, Karnataka, India  
IMTMA, Bengaluru, Totadaguddadahalli, Karnataka 562162, India  
Lat 13.060848°  
Long 77.474192°  
03/11/23 12:53 PM GMT +05:30

ABB Welding Robot



Bengaluru, Karnataka, India  
3F70+2CC, Bengaluru, Totadaguddadahalli, Karnataka 562162, India  
Lat 13.062803°  
Long 77.475815°  
03/11/23 01:45 PM GMT +05:30

COBOT

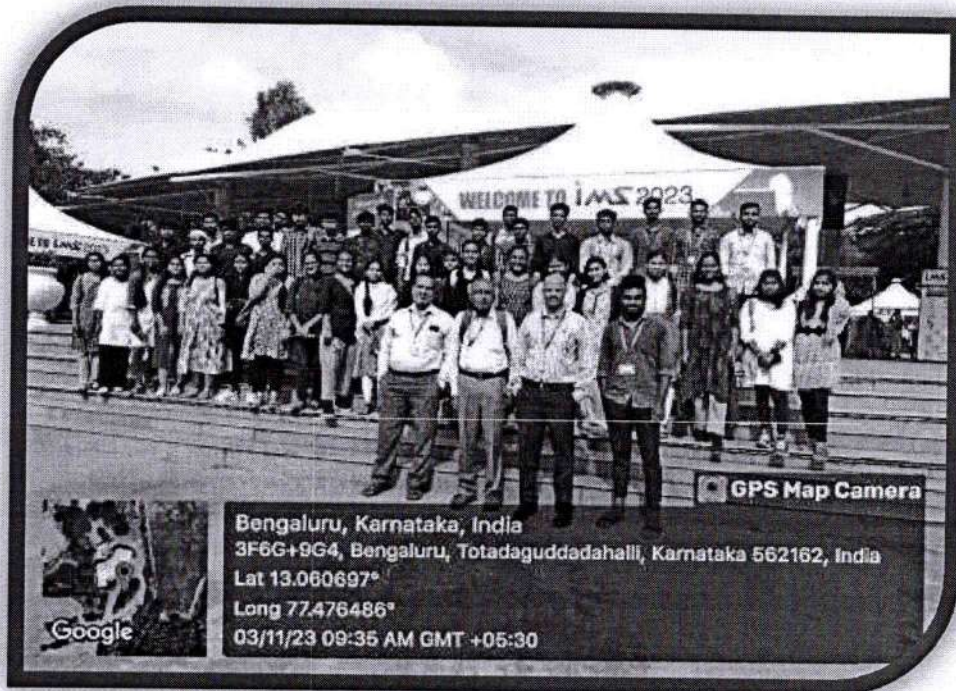
*R. Rajeswari*  
Principal  
RAJARAJESWARI  
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Ramohalli Cross, Bengaluru-71



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**Dept. of Robotics and Automation &  
RajaRajeswari Institution Innovation Council (RRIIC)**



Group photo in the India Manufacturing Show cum Innovation Expo 2023 at Bangalore  
International Exhibition Center (BIEC)

Principal  
RAJARAJESWARI  
COLLEGE OF ENGINEERING  
Ramchalli Cross, Bengaluru-7



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education Initiative)



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education Initiative)

# RAJARAJESWARI COLLEGE OF ENGINEERING

Affiliated to VTU | Approved by AICTE, New Delhi | Accredited by HLA CT, Texas, USA (Internationally) and by NBA

**“Webinar on Research & Innovation in Construction Bio-Technology”**

jointly organized by

**Department of Civil Engineering**

&

**RajaRajeswari Institution Innovation Council (RRIIC)**

**(MoE IIC Approval No : IC201912297 )**

Department of Civil Engineering and RajaRajeswari Institution Innovation Council (RRIIC), Bengaluru have jointly organized a “Webinar on Research & Innovation in Construction Bio-Technology” for the 3rd year & 4th Year #B.E. Civil Engineering students of RRCE on 9<sup>th</sup> November 2023 between 9.30 A.M. and 11.30 A.M..

Webinar was presided over by Dr R Balakrishna, Principal and Dr.J.Amutharaj, President of RRIIC and Vice-Principal, HOD of Information Science and Engineering, RRCE, Bengaluru.

This webinar is coordinated by Dr.K.Aravinthan, Professor and Head, and faculty members of Civil Engineering department in association with the office bearers of RajaRajeswari Institution Innovation Council (RRIIC).

**Resource Person:**

**Dr. C. Arun, M.Tech., Ph.D**

**Department of Bio-Technology,**

**Periyar Maniammai Institute of Science and Technology,**

**Thanjavur – 613403, Tamil Nadu.**

**Venue : Sir Visvesvaraya Seminar Hall, 6<sup>th</sup> floor**

**Number of participants attended the Webinar : 30 students & 4 faculty members**

**Objective of the Webinar :**

1. To create awareness on bio-concrete or bacterial concrete and it's uses.
2. Recent innovation in bacterial concrete.
3. Highlights on Research conducted in construction biotechnology.

  
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**Outcome of the Workshop:**

1. Students learnt to apply bio-concrete or bacterial concrete in their projects.
2. Students learnt recent innovation in bacterial concrete.
3. Students gathered knowledge to apply construction bio-technology in Civil engineering field and its advantages like low cost and increased strength of bio-concrete for a longer period.

**Organizing Committee:**

**Dr.K.Aravinthan, Professor & Head- Civil Engg.,**

**Prof. Malarvizhi M.C., Asst.Prof., Ciivil Engg.,**

**Prof. G K Kamalakkara, Asst. Professor, Civil Engg.,**

**Prof.. M.P.M. Kavya, Asst. Professor, Civil Engg.,**

**RRIC Office Bearers:**

**Dr. R. Balakrishna, Principal**

**Dr.J.Amutharaj, Vice Principal and President – RRIIC**

**Dr.S.Usha, Dean – Research & HoD – CSE**

**Dr. N. Thangadurai, Dean – Innovation and Funding Projects**

**Dr.C.Ramesh, Convener – RRIIC and HoD – Mech. Engineering**

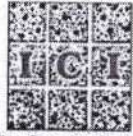


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# RAJARAJESWARI COLLEGE OF ENGINEERING

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



Indian Concrete Institute

## DEPARTMENT OF CIVIL ENGINEERING & RRIIC



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education Initiative)

JOINTLY ORGANIZING

WEBINAR ON

## RESEARCH & INNOVATION IN CONSTRUCTION BIOTECHNOLOGY

RESOURCE PERSON



Date  
09/11/23

Time  
9.30am -11.30am

**Dr.C.Arun, M.tech, PhD**

**Department of Biotechnology**

**Periyar Maniammai Institute of Science and Technology**

**Thanjavur -613403**

**ORGANIZING COMMITTEE**

**Mrs. M.C.Malarvizhi**  
Asst. Prof.

**Mr.G.K.Kamalakara**  
Asst. Prof.

**Mrs. M.P.M.Kavya**  
Asst. Prof.

**Dr.K.Aravinthan**  
HOD-Civil

**& all Civil Engineering Staff members**

**RRIIC OFFICE BEARERS**

**Dr.S.Usha**  
Dean Research

**Dr.C.Ramesh**  
Convener-RRIIC

**Dr. N.Thangadurai**  
Dean Innovation

**Dr. R.Balakrishna**  
Principal

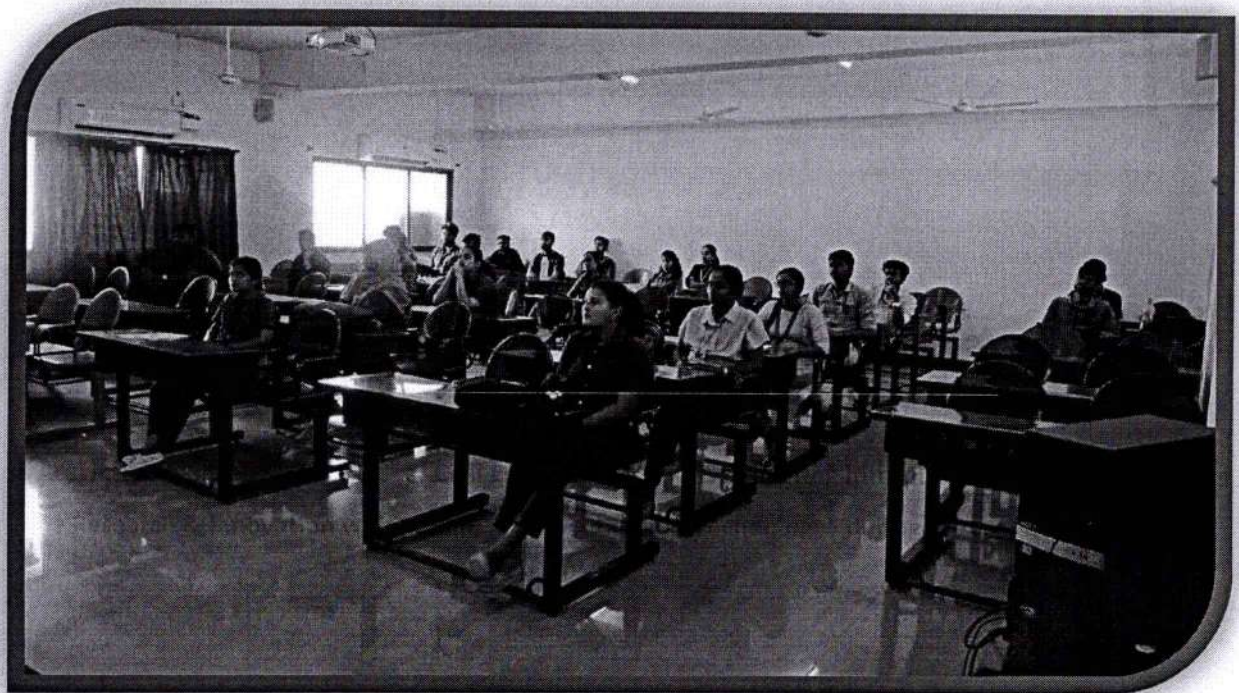
**Dr. J.Amutharaj**  
Vice -Principal

Principal  
RAJARAJESWARI  
COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74

## Event Photographs



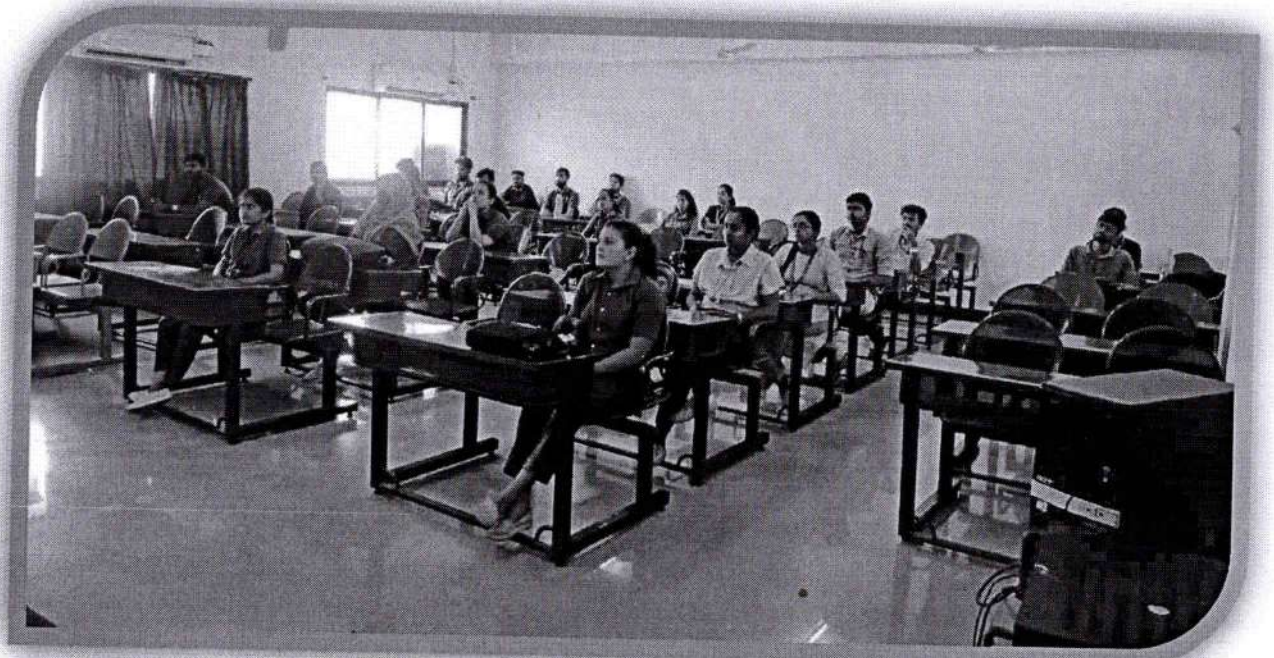
Dr K Aravinthan, Professor and HoD of Civil Engineering dept. is delivering Introductory note on objective of the Research & Innovation webinar on "Construction Bio-Technology" during the inaugural function



Civil Engineering department students of RRCE are attending the webinar in the Sir Visvesvaraya Seminar Hall in the LCD Screen and speaker

  
Principal  
RAJARAJESWARI  
COLLEGE OF ENGINEERING  
"Amohalli Cross, Bengaluru-7"


Event Photographs



Civil Engineering department students of RRCE are attending the webinar in the Sir Visvesvaraya Seminar Hall in the LCD Screen and speaker



Student Representative of Civil Dept is introducing the Resource Person Dr C Arun to the audience

  
Principal  
RAJARAJESWARI  
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**Creative Club of RRCE &**

**RajaRajeswari Institution Innovation Council (RRIIC)**

World Creativity and Innovation Day 2023 Celebrations  
jointly organized by RRIIC & Creative Club of RRCE

Date of the programme : 9.11.2023 Thursday Timing : 1.00 P.M. to 4.00 P.M.

Name of the Event : World Creativity and Innovation Day 2023 Celebrations

Number of Students attended : 144 students of First year B.E. attended

Topic of the Creative lecture : "The newbie Spectacles"

Name of the Keynote Speaker :

Prof. Nandini N.

Asst. Professor, EEE Dept., RRCE

Staff Coordinator – Creative Club & Members of Creative Club

**Programme Objectives:**

- To celebrate World Creativity and Innovation Day 2023 Celebrations in RRCE Campus
- To sensitize students on Creativity and Innovation by Activity based learning

**Program outcomes:**

- ✓ Resource Person delivered a talk on "The newbie Spectacles"
- ✓ Students were sensitized on Creativity and Innovation by Activity based learning
- ✓ Students were involved in activities of Creativity

**Organizing Committee:**

Dr.R.Balakrishna, Principal

Dr.J. Amutharaj, President – RRIIC

Dr.S. Usha, Vice President –RRIIC & Dean – Research

Dr.C.Ramesh, Convener – RRIIC

Prof.Nandini N, Coordinator – Creative Club of RRCE & Team

Principal  
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Creative Club of RRCE &




**RajaRajeswari Institution Innovation Council (RRIC)**

Invitation

**Rajarajeswari College of Engineering**  
 An Autonomous Institution  
 Affiliated to VTU, Approved by AICTE, UGC & Govt. of Karnataka

World Creativity and Innovation Day 2024 celebrations by Creative Club of RRCE & RRIC








**Topic**


‘The Newbie Spectacles’

**Key Note Speakers**


**Prof. Nandini N**  
 Creative Club Head  
 Asst. Professor  
 Dept. of EEE, RRCE  
 & the team of Student’s Co-Ordinators

 9th November 2023  
 1.00 P.M. to 4.00 P.M  
 RRCE Campus

More Info



9008845678



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

RRCE

RAJARAJESWARI

COLLEGE OF ENGINEERING  
 Ramohalli Cross, Bengaluru-74

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



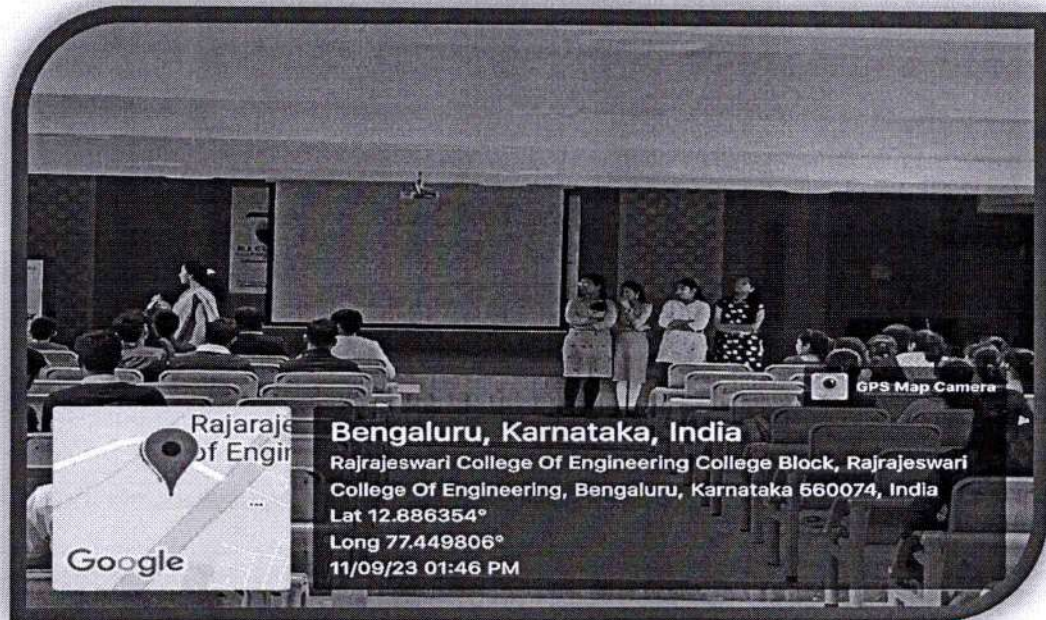
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Creative Club of RRCE &

**RajaRajeswari Institution Innovation Council (RRIC)**

Photos of the Event



*R.R.C.*

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ENGINEERING  
Ramohalli Cross, Bengaluru-74



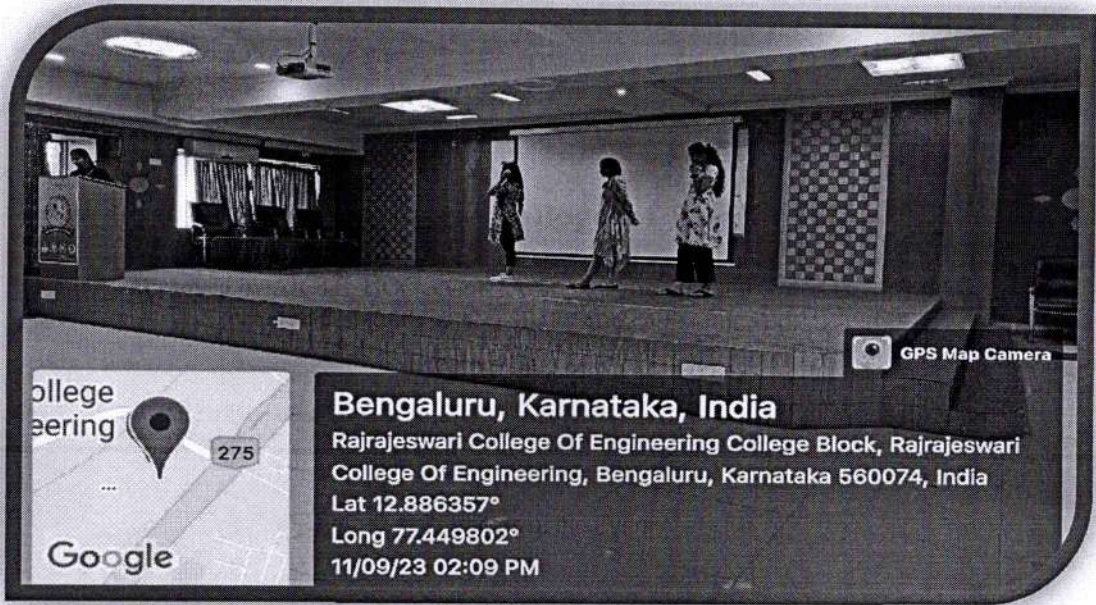
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**Creative Club of RRCE &**

**RajaRajeswari Institution Innovation Council (RRIIC)**

Photos of the Event



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*[Handwritten Signature]*  
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COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74



# RajaRajeswari College of Engineering

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



RajaRajeswari Institution Innovation Council (RRIIC)

(MoE Approved : IC 201912297)

Date: 30.11.2023

## “National Education Day 2023” Celebrations organized by RRIIC”

RajaRajeswari Institution Innovation Council (RRIIC) of RajaRajeswari College of Engineering is organizing a Leadership Talk on “Entrepreneurship Education in HEIs”

**Topic : Leadership Talk on “Entrepreneurship Education in HEIs”**

### Resource Person:

Dr. G.Vinoth, M.S, Ph.D (USA),  
Startup Venture Designer,  
Pongu Ventures Private Ltd., Chennai.

Date: 30<sup>th</sup> November 2023 Thursday

Time: 11:00 AM – 12.30 P.M. IST

Venue :

Dr.A.P.J. Abdulkalam Conference Room

Number of Students Participated: 132

Number of Faculty members Participated: 15

### Organizing Committee :

Dr.r.Balakrishna, Principal

Dr. J. Amutharaj

President-RRIIC & Vice Principal, RRCE

Dr.S.Usha,

Vice President – RRIIC & Dean – Research

Dr.C.Ramesh,

Convenor - RRIIC

  
Rajajeswari  
COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74




# RajaRajeswari College of Engineering

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

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## Poster - National Education Day 2023 Celebrations



**RAJARAJESWARI  
COLLEGE OF ENGINEERING**  
#14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru - 560074

» CET Code: E145    » COMEDK Code: E099    » PGCEI Code: T858

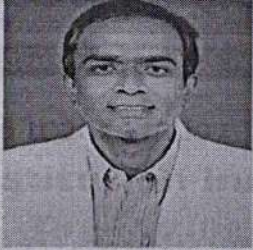
MoE Approved IC201912297

**RajaRajeswari Institution Innovation Council**  
Organizing

### NATIONAL EDUCATION DAY

Celebration  
**Date : 30th November 2023**  
**Time : 11.00 AM to 12.30 PM**

**Resource Person**



**Dr. G. Vinoth**  
STARTUP VENTURE DESIGNER,  
PONGU VENTURES

**Venue : Dr. A.P.J Abdul Kalam conference  
room**

#### RRIC Office Bearers

Dr. Balakrishna R	- Principal
Dr. Usha. S	- Dean, Research
Dr. J. Amutharaj	- President, RRIC
Dr. C. Ramesh	- Convener, RRIC

  
Principal  
RAJARAJESWARI  
COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-7#

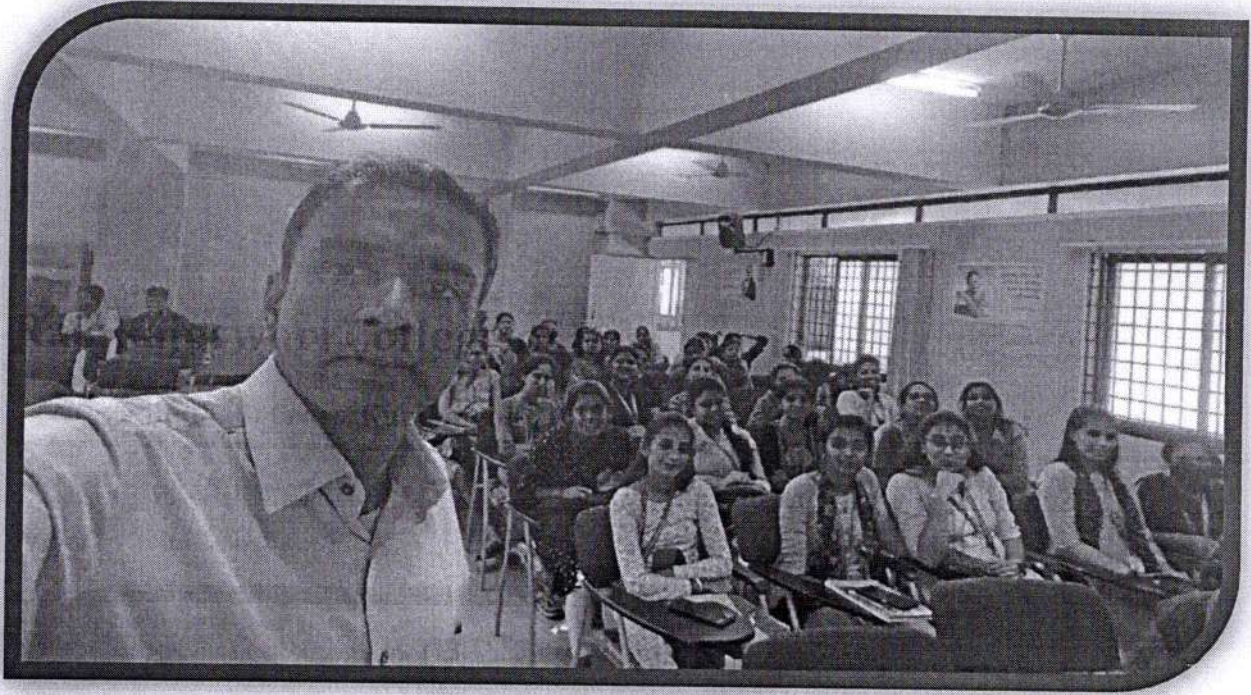


# RajaRajeswari College of Engineering

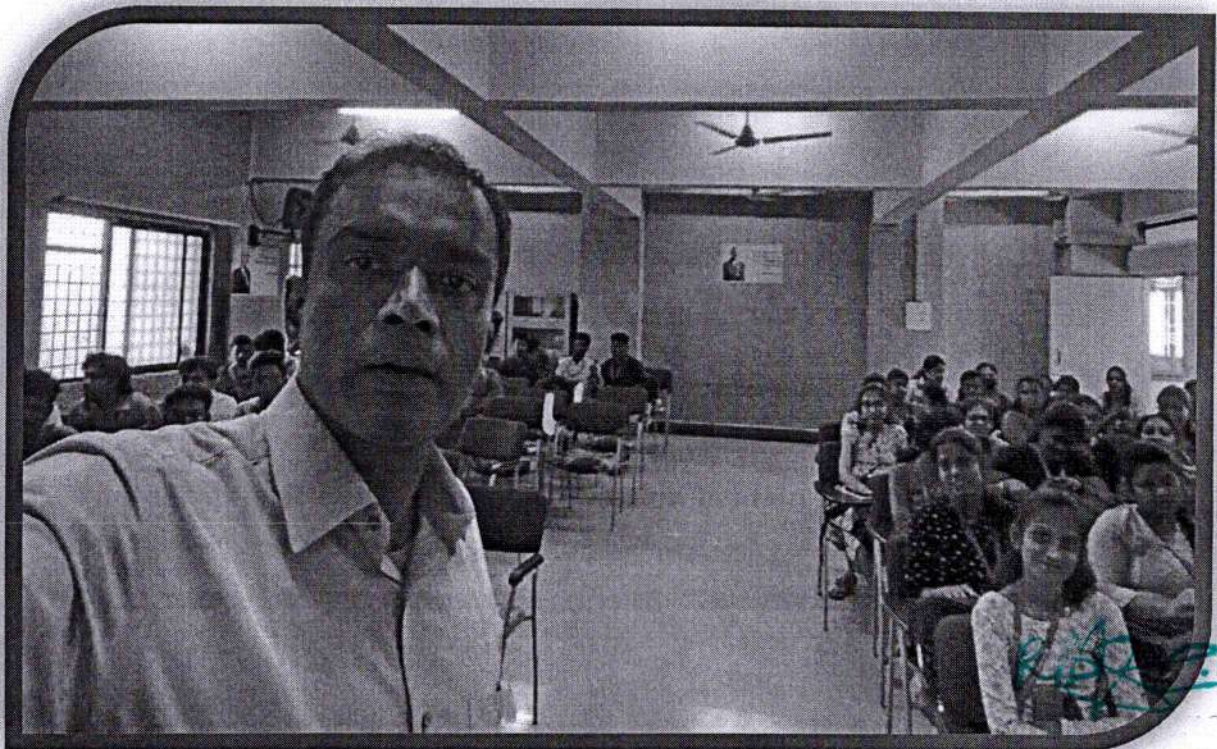
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Photographs of Leadership Talk Session held on 30<sup>th</sup> November 2023



Photographs of Leadership Talk Session held on 30<sup>th</sup> November 2023



COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74

1374-2023-24

## RajaRajeswari College of Engineering

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RajaRajeswari Institution Innovation Council (RRIIC)

(MoE Approved : IC201912297)



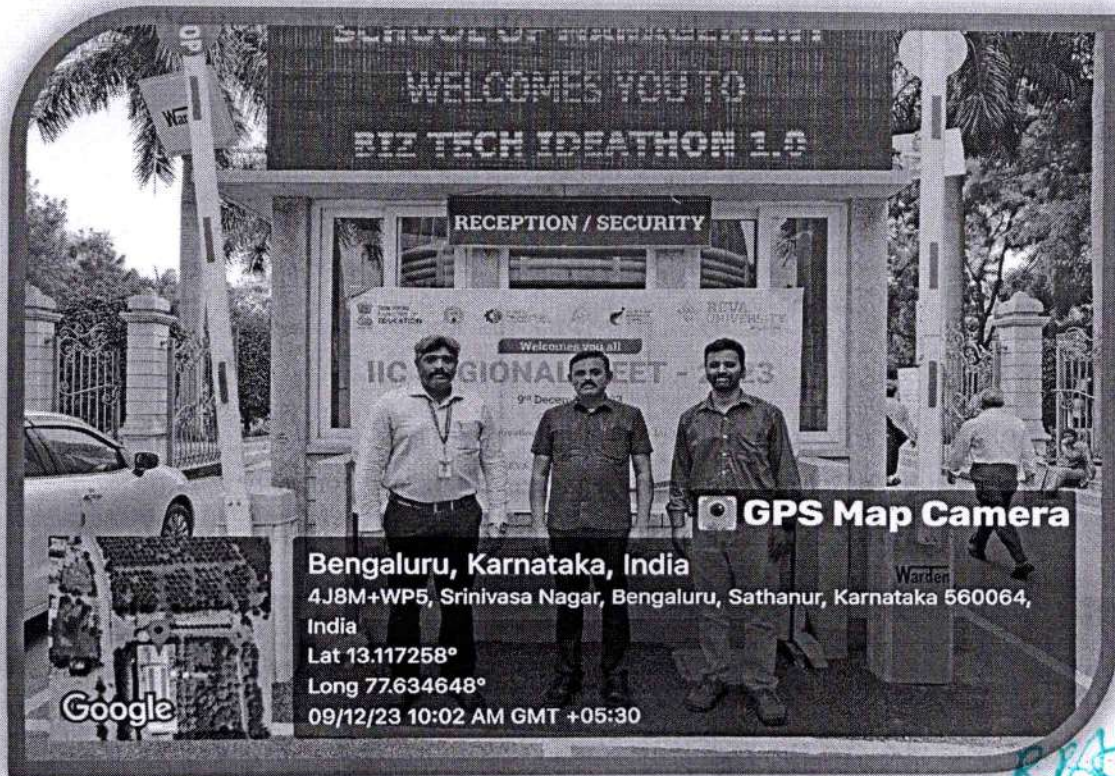
**Report about IIC Regional Meet of SWRO Region held at REVA University Bangalore on 9<sup>th</sup> December 2023 (Saturday) between 10.00 A.M and 5.00 P.M. :**

MoE's SWRO IIC Regional Meet 2023: MoE's IIC Regional meet of South West Region (AICTE SWRO) was held on 9<sup>th</sup> December 2023 (Saturday) at REVA University, Bangalore.

Dr J.Amutharaj, President, RRIIC, Dr P.Ebby Darney, Professor & HoD, EEE Dept., Dr K.Aravinthan, Professor & HoD, Civil Engineering, have participated in the Regional meet.

**Dr.Dipan Sahu, Assistant Innovation Director, MIC, AICTE New Delhi** has addressed the Innovation Ambassadors and presented the benefits and action plan of IIC activities in the upcoming academic year. He encouraged the coordinators of IICs to identify nearby HEIs and induct them into IIC network and mentor them into Innovation and Entrepreneurship eco system.

**Photographs of the Regional meet 2023 – 9.12.2023 Saturday**



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Ramohalli Cross, Bengaluru-74

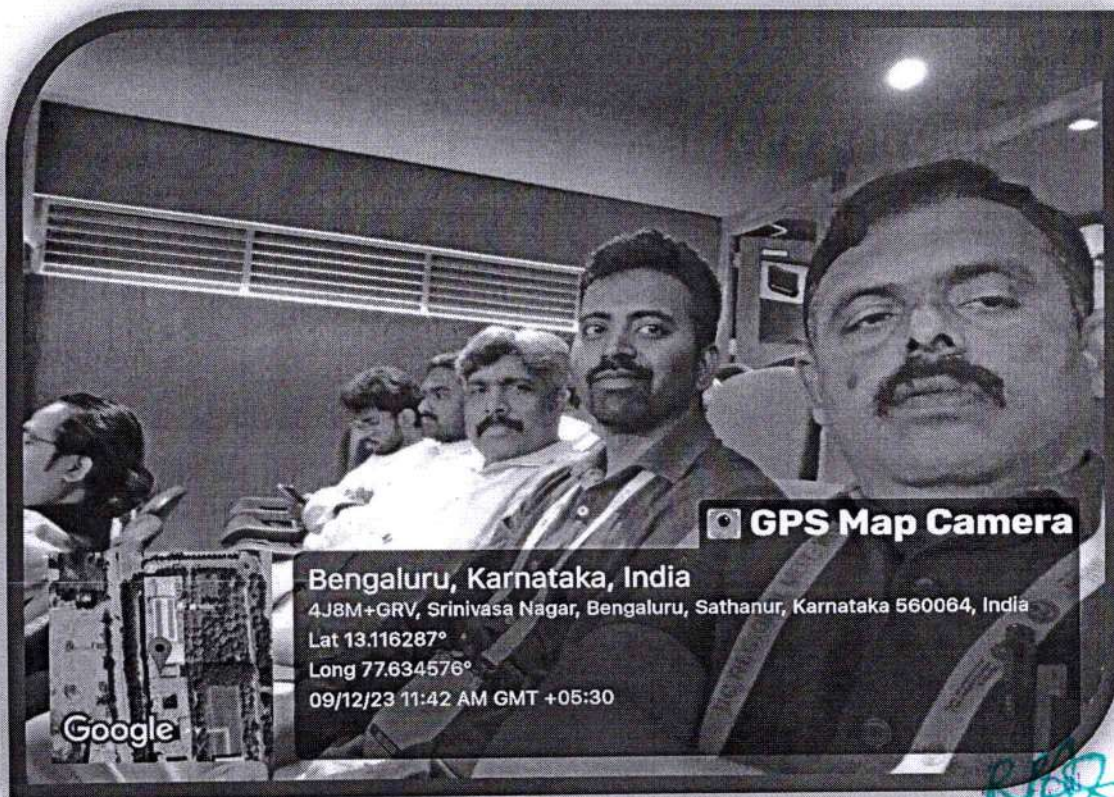


Dr Dipan Sahu, Asst. Innovation Director, MIC, AICTE, New Delhi address the gathering.



Bengaluru, Karnataka, India  
4J8M+GRV, Srinivasa Nagar, Bengaluru, Sathanur, Karnataka 560064,  
India  
Lat 13.116325°  
Long 77.634569°  
09/12/23 11:42 AM GMT +05:30

RRIIC coordinators attending the IIC Regional Meet 2023 at Kuvembu Auditorium at REVA University



Bengaluru, Karnataka, India  
4J8M+GRV, Srinivasa Nagar, Bengaluru, Sathanur, Karnataka 560064, India  
Lat 13.116287°  
Long 77.634576°  
09/12/23 11:42 AM GMT +05:30

*Rajarajeswari*  
RAJARAJESWARI  
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Ramohalli Cross, Bengaluru-78

Certificate of Dr. J. Amutharaj, President – RRIIC & Vice Principal



Certificate of Dr P Ebby Darney, HoD – EEE & Advisor – RRIIC

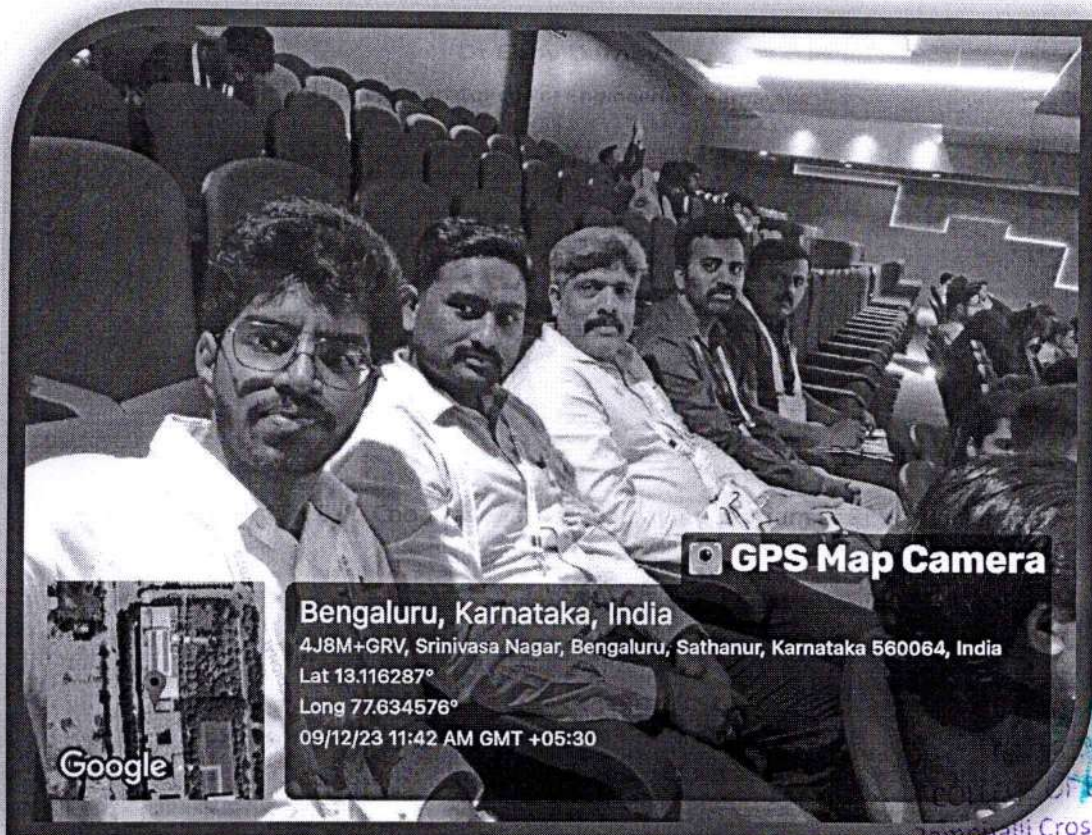


  
RAJARAJESWARI  
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Ramohalli Cross, Bengaluru-7<sup>th</sup>

Certificate of Dr K Aravinthan, HoD – Civil Engineering & NIRF Coordinator – RRIIC



RRGI – RRCE & ACS CE IIC Coordinators @ Kuvembu Auditorium at REVA University





# RajaRajeswari College of Engineering

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## Department of Information Science and Engineering

### DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

&

RajaRajeswari Institution Innovation Council (RRIIC)  
(MoE Approved : IC201912297)

A Seminar on "Intellectual Property Rights for Budding Engineers"

Date: 18.12.2023 Monday & Time: 10.45 A.M. – 12.45 P.M.

Duration: 2 hours

No. of Participants: 68 Students and 6 faculty members

Resource Person:

**Dr. K. Aravinthan M.E (Str),PhD, Inventor**

Professor and HoD, Civil Engineering


Rajarajeswari College of Engineering, Bengaluru - 560074

Target Audience : 5<sup>th</sup> sem ISE Students and Faculty members

Venue : Aryabhatta Hall, ISE Dept.

Faculty Co Ordinators:

1. Mrs T. Rathi Devi,  
Assistant Professor  
Department of Information Science and Engineering  
RajaRajeswari College of Engineering  
Bengaluru 560074
2. Mrs Vijayalakshmi Joshi,  
Assistant Professor  
Department of Information Science and Engineering  
RajaRajeswari College of Engineering  
Bengaluru 560074
3. Ms Sinchana M N,  
Assistant Professor  
Department of Information Science and Engineering  
RajaRajeswari College of Engineering  
Bengaluru 560074

  
PRINCIPAL  
RAJARAJESWARI  
COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74

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



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## Department of Information Science and Engineering

---

### Programme Objectives :

- To sensitize students on Innovation and Entrepreneurship
- To make the students to understand the need for Intellectual Property Rights(IPRs)
- To give an introduction about Copyright Protection and Trademarks etc..
- To give an awareness on "How to file a patent and steps by step procedure to file an INDIAN Patent and International Patents.

### Program outcomes:

- ✓ Students were sensitized on IPR Protection, importance and advantages of IPR and Patent filing and granting of patents.
- ✓ Students were given information on Copyright protection and Trademark to run the start up and business with security and protection
- ✓ Students were given step by step procedure to file a patent and IPRs with INDIAN patent office and International Patent office.

  
Principal

RAJARAJESWAR

---

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COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74



# RajaRajeswari College of Engineering




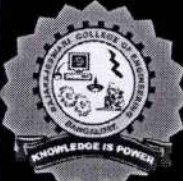
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## Department of Information Science and Engineering


Event Poster



**RajaRajeswari  
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(A Unit of RajaRajeswari Group of Institutions) Mysuru Road, Bengaluru, Karnataka, India.



**DEPT. OF ISE & RRIIC**  
JOINTLY ORGANIZING




**A SEMINAR  
ON  
"Intellectual property rights for Budding Engineers"**

**MONDAY**  
18-12-2023  
**TIME**  
10.45 AM - 12.45 PM  
**VENUE**  
Aryabhata Seminar Hall


**ORANIZING COMMITTEE**

- Dr. R. Balakrishna, Principal
- Dr. J. Amutharaj, Vice principal & HoD - ISE
- Dr. Sreenivasmurthy V, ASP - ISE
- Mr. Dineshkumar M, AP - ISE
- Mrs. T. Rathidevi, AP - ISE
- Mrs. Vijayalaxmi joshi, AP - ISE
- Ms. Sinchana M N, AP - ISE
- Mrs. Pavithra N, AP - ISE
- Mrs. Yamunashree S, AP - ISE



**Resource Person**  
**Dr. K. Aravinthan**  
ME(Str.), PhD, Inventor  
HOD  
Civil Engineering

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

  
Principal  
RAJESHWARI  
COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74



# RajaRajeswari College of Engineering



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## Department of Information Science and Engineering

### Event Photographs



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# RajaRajeswari College of Engineering

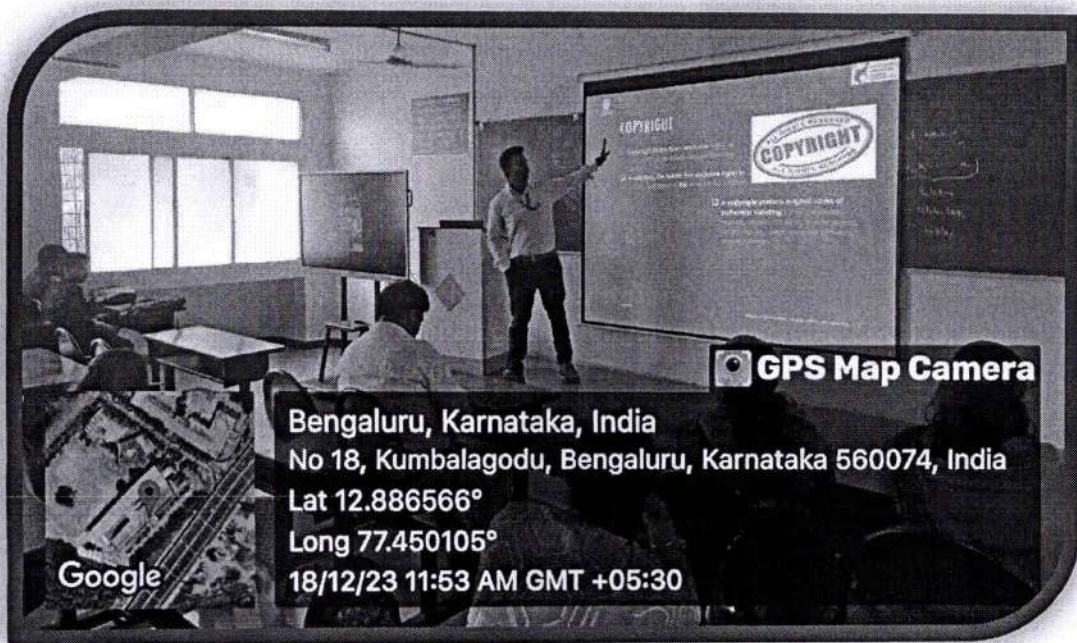
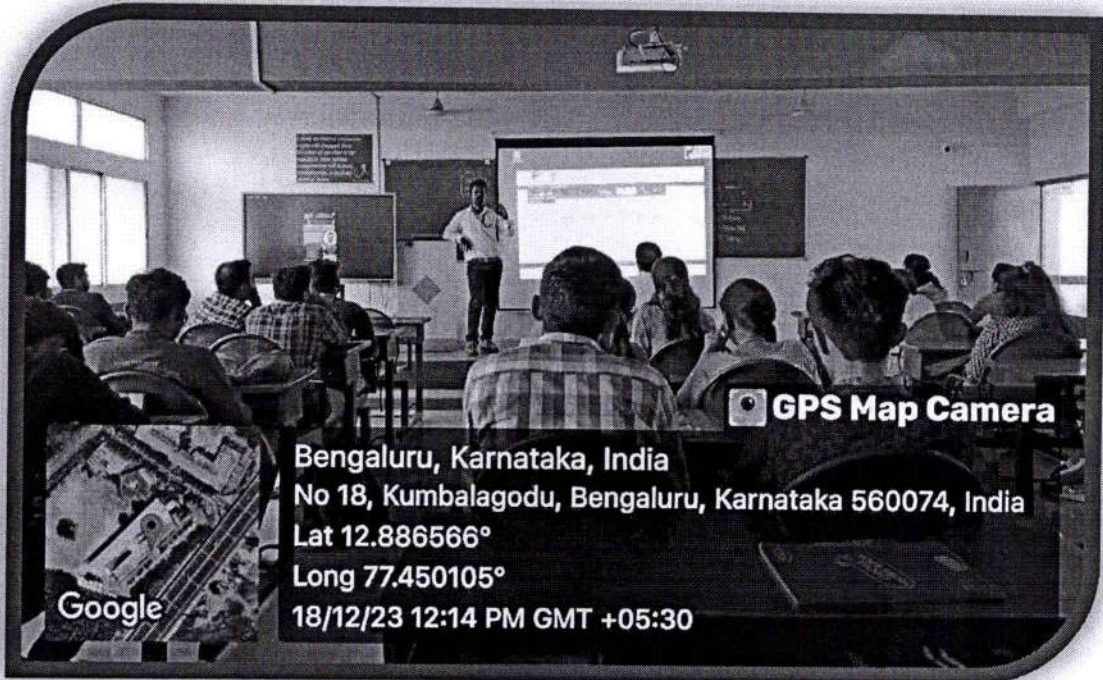


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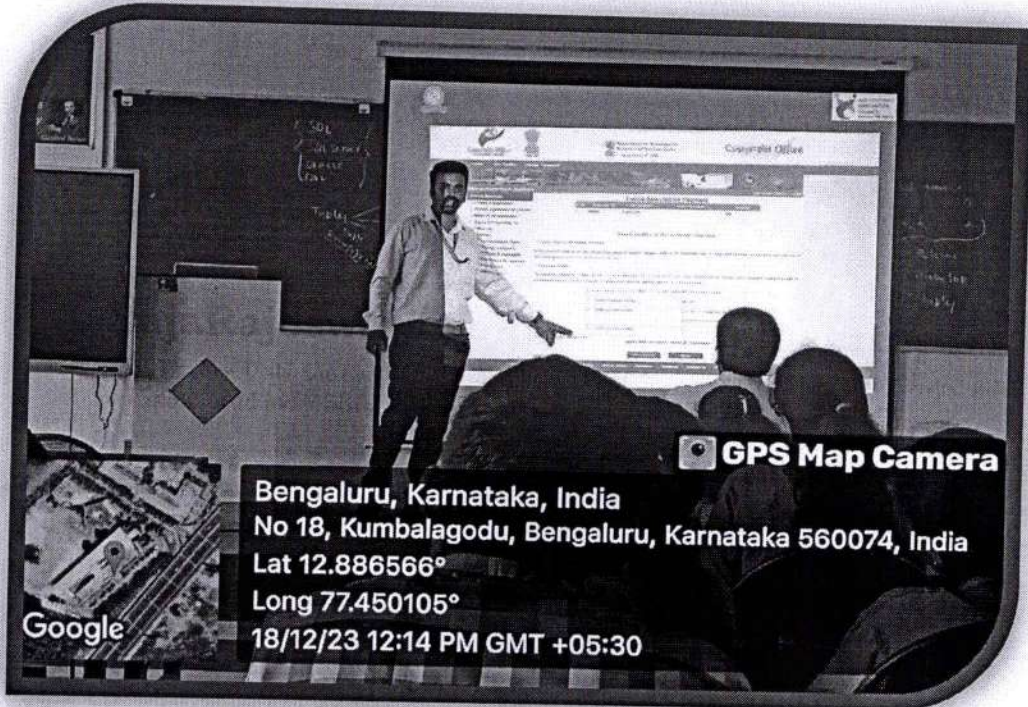
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*R.R.*  
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## Department of Computer Science & Engineering & RRIIC

### Report on Seminar on "Intellectual Property Rights – Software Engineering"

Department of Computer Science & Engineering

1. Type of Event : Intellectual Property Rights – Software Engineering
2. Resource Person : Dr. K .Aravinthan,  
Inventor, HOD  
Department of Civil Engineering  
RajaRajeswari College of Engineering,  
Bangalore-560074
3. Date of the Event : 06<sup>th</sup> January 2024 Saturday Timing : 9.00 A.M. to 12.00 P.M.
4. Organizing Secretary: Dr. S Usha  
Prof. & HOD  
Department of CSE  
RajaRajeswari College of Engineering,  
Bengaluru - 560074
5. Faculty Coordinators: Mrs. Priyanka V. Gudada  
Assistant Professor  
Department of CSE  
RajaRajeswari College of Engineering,  
Bengaluru - 560074  
  
Mrs.Suhasini Bagalkot  
Assistant Professor  
Department of CSE  
RajaRajeswari College of Engineering  
Bengaluru -560074
6. Students attended: 120 students of 5<sup>th</sup> Semester, Computer Science & Engineering
7. Venue: APJ Abdul Kalam Conference Hall
8. Outcome of the seminar:  
Students gained information about the following:
  - Attendees acquire practical skills related to the identification, protection, and enforcement of intellectual property rights.
  - Students gain a deeper understanding of intellectual property laws, including copyrights, trademarks, and patents.
  - Seminars often provide information on recent legal developments, landmark cases, and changes in intellectual property legislation.
  - This helps students stay informed about the evolving landscape of intellectual property law.
  - The seminar may highlight best practices for protecting intellectual property, managing copyrights, trademarks, and patents effectively, and avoiding infringement issues.
  - Question-and-answer sessions allow participants to seek clarification on specific intellectual property issues and get insights.

  
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**DEPARTMENT OF**  **INSTITUTION'S INNOVATION COUNCIL**  
**COMPUTER SCIENCE & ENGINEERING**  
**Organizing Seminar on "Intellectual Property Rights - Software Engineers"**



**Resource Person**  
**Dr.K.Aravinthan, PhD, Inventor**  
**HOD, Civil Engineering**

**06 January 2024**  
**Timings: 10:30 am-12:30 Pm**  
**Venue: Dr.APJ Abdul Kalam Hall.**

**Organizing Committee**

<b>Coordinators:</b> Mrs.Priyanka V .Gudada Mrs.Suhasini Bagalkot	<b>Dr S.Usha</b> DEAN R & D & HoD,CSE	<b>Dr R.Balakrishna</b> Principal, RRCE
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ROAD, BENGALURU -  
560074

 [www.rrce.org](http://www.rrce.org)  
[admission@rrce.org](mailto:admission@rrce.org)  
 Ph.No:9008845

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## Department of Computer Science & Engineering & RRIIC

### Profile of the Speaker

#### Dr.K. Aravinthan

#### Speaker's Profile :

- He has Published 20+ International research papers in Scopus/web of science.
- **PATENT GRANTED** - "Earthquake resistant Base isolation technique for structures with hybrid spherical rollers (HSR)".
- **PATENT PUBLISHED** - HSO Brick Manufacturing and process Thereof

#### RESEARCH GRANT

- Fly-Ash brick manufacturing unit at Rajarajeswari group of Institution, startup grant.
- Received Visvesvaraya Technological University Grant -2021.
- He has Professional Membership & Publications in
- Karnataka skill development - Structural board member
- Research experience – 7 years
- Editorial Member in referred impact factor journal
- Registered Licensed Building Surveyor (LBS).
- Registered Structural Engineer.
- Member of Indian Concrete Institute.
- Member of Indian Society of Technical Education.
- Member of International Association of Engineers.
- He has Resource person for 30+ International and national level seminar and workshops.

Speaker Name: Dr. K. Aravinthan,

Speaker Qualification: B.E, M.E, PhD

Designation: HOD, Civil Engineering Department, RRCE  
& MoE Certified Innovation Ambassador

  
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## Department of Computer Science & Engineering & RRIIC

### Geotagged Photos of the Seminar



*[Handwritten Signature]*  
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Bengaluru-74

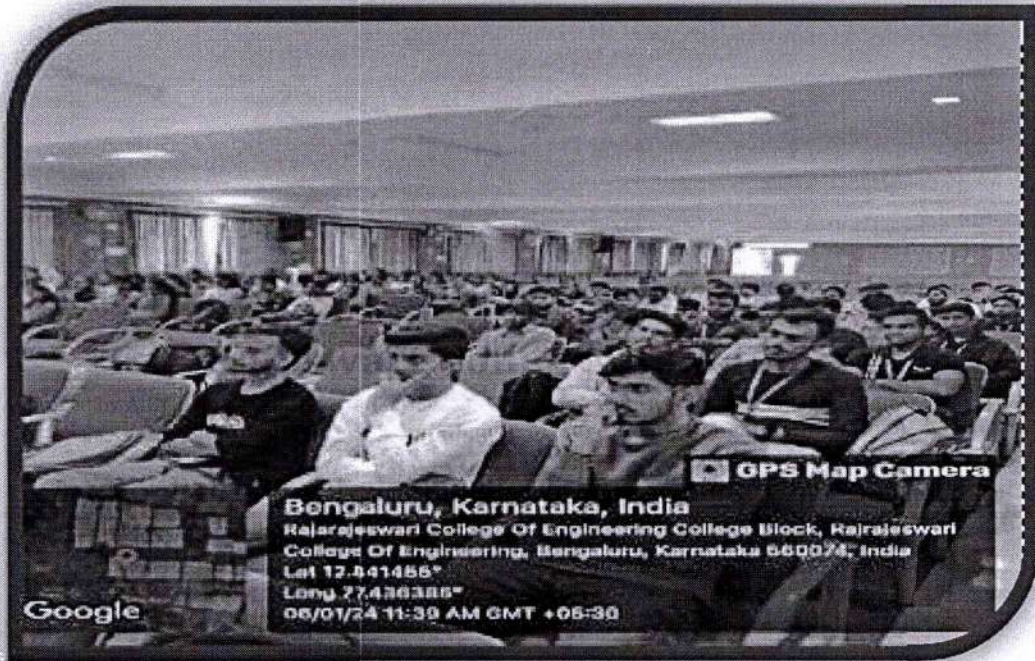


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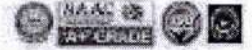


Students of 5<sup>th</sup> Sem CSE department are actively listening the Seminar on IPR for Software Engineers presented by **Dr.K.Aravinthan**, MoE Certified Innovation Ambassador, ASP & HoD – Civil Engg.

*R. Aravinthan*  
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## Department of Computer Science & Engineering & RRIIC

### Attendance sheet

**RajaRajeswari College of Engineering** 2000  
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Department of Computer Science & Engineering

ORGANIZING SEMINAR ON "INTELLECTUAL PROPERTY RIGHTS - SOFTWARE ENGINEERS"

Sem : V Set A/B/C STUDENTS ATTENDANCE LIST 06/01/2024

Sl.No	USN	NAME	SIGNATURE
1	1RR21CS001	ABHAY ANANT KULKARNI	
2	1RR21CS002	ACHYUTH S	
3	1RR21CS003	ADITHI NAGARAJ NAYAK	
4	1RR21CS004	AISHWARYA K S	
5	1RR21CS005	AKASH GOWDA AV	
6	1RR21CS006	AKSHAI L Z	
7	1RR21CS007	AMARESHWAR	
8	1RR21CS008	AMULYA M R	
9	1RR21CS009	ANAND RAO K	
10	1RR21CS010	ANJALI SHARMA	
11	1RR21CS011	ANKITHA K V	
12	1RR21CS012	ANKITHA S	
13	1RR21CS013	ANSHUMAN ANSHU	
14	1RR21CS014	ARJUN GOWDA B C	
15	1RR21CS015	ARKAN UL REHMAN	
16	1RR21CS016	ASHWIN S	
17	1RR21CS017	ASHWIN S	
18	1RR21CS018	ATHAR GULZAR	
19	1RR21CS019	B G SHARATH	
20	1RR21CS020	B HASHWIN	
21	1RR21CS021	BETTAD SATISH	
22	1RR21CS022	BHAGYASHREE METI	
23	1RR21CS023	BHARADWAJ M	
24	1RR21CS024	BHARATHI B V	
25	1RR21CS025	BHARATHESHA K S	
26	1RR21CS026	BHARGAVA K K	
27	1RR21CS027	BHAVANA HR	
28	1RR21CS028	BHAVANI SHREE CG	
29	1RR21CS029	BHUSHAN N	
30	1RR21CS031	BOPANNA MD	
31	1RR21CS032	CHANDAN KUMAR C K	



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Sl.no	USN	NAME	SIGNATURE
32	1RR21CS033	CHANDANA S	Chandana
33	1RR21CS034	CHENDAN A	Chandan
34	1RR21CS035	CHIETHAN K	
35	1RR21CS036	CHINMAYI C	Chinmayi C
36	1RR21CS037	CHIBANTH A S	Chibanth
37	1RR21CS038	CHOROTIYA AKASH PARMARAM	Chorotiya
38	1RR21CS039	DEEKSHITH BK	
39	1RR21CS040	DEEKSHITHA H	Deekshitha
40	1RR21CS041	DEEPA M	Deepa
41	1RR21CS042	DEEPA MN	Deepa
42	1RR21CS043	DEEPTHI K	Deepti
43	1RR21CS044	DEEPTHI K N	Deepti
44	1RR21CS045	DEEPTHI S	
45	1RR21CS046	DEEPTHI VC	
46	1RR21CS047	DHANUSH P	Dhanush
47	1RR21CS048	DHARANIC	Dharani
48	1RR21CS049	DHRUVA S	Dhruva
49	1RR21CS050	DINESH H L	Dinesh
50	1RR21CS051	DISHA GOWDA G	Disha
51	1RR21CS052	DIVAKAR DARSHAN MY	Divakar
52	1RR21CS053	ESHAN IQBAL	Eshan
53	1RR21CS054	G BHARGAV NAIDU	G Bhargav
54	1RR21CS055	GAYATHRI P	Gayathri
55	1RR21CS056	HARISH O	Harish
56	1RR21CS057	HARSHA A	Harsha
57	1RR21CS058	HARSHA P	Harsha
58	1RR21CS059	HARSHITHA A D	Harshitha A D
59	1RR21CS060	HARSHITHA G	Harshitha G
60	1RR21CS061	HARSHITHA H	
61	1RR21CS062	HARSHITHA H R	Harshitha H R
62	1RR21CS063	HARSHITHA H RAO	Harshitha H RAO
63	1RR21CS064	HISHITHA G J	Hishitha G J
64	1RR22CS400	CHANDRAKANTHA R	Chandrakanta R
65	1RR21CS401	DARSHAN M S	Darshan
66	1RR22CS402	HARSHITHA H H	Harshitha
67	1RR22CS403	HRUTHIK CN	HRUTHIK CN
68	1RR22CS404	JYOTHIBASAVRAJNARGUND	

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Sl.no	USN	NAME	SIGNATURE
69	1RR21CS405	KOMALA P	Komala P
70	1RR21CS065	HRITIKA HORGI	Hritika
71	1RR21CS068	HRUTHIKES	Hruthika
72	1RR21CS067	JAYANTH KUMAR B H	Jayanth
73	1RR21CS068	JEBISHA J	Jebisha J
74	1RR21CS068	JEEVAN C	Jeevan C
75	1RR21CS070	KANCHI HARSHITHA	Kanchi
76	1RR21CS071	KARUNYA MADEKAR	Karunya
77	1RR21CS072	KAVYASREE A	Kavya
78	1RR21CS071	KEERTHAN K	Keertan
79	1RR21CS074	KEERTHI KUMAR V	Keerthi
80	1RR21CS075	KIRAN R MURARI	Kiran R Murari
81	1RR21CS076	KRANTI BIK	Kranti
82	1RR21CS077	KUSHAL L	Kushal
83	1RR21CS078	KUSHAL SHARMA	Kushal
84	1RR21CS079	KUSHIL	Kushil
85	1RR21CS090	KUSHIRAJ R	Kushiraj R
86	1RR21CS081	L NIHAR	L Nihar
87	1RR21CS082	LAKSHITH M	Lakshith
88	1RR21CS083	LAKSHMISHA R	Lakshisha
89	1RR21CS084	LIRHITHA E P	Lirhitha
90	1RR21CS085	LOGASREE R B	Logasree
91	1RR21CS086	MATHESUR	Mathesur
92	1RR21CS087	MANASA S	Manasa
93	1RR21CS088	MANEESH D	Maneesh
94	1RR21CS089	MANISH M	Manish
95	1RR21CS090	MANJUNATH K	Manjunath
96	1RR21CS091	MANOJ KUMAR M	Manoj
97	1RR21CS092	MEGHASHRI M H	Meghashri
98	1RR21CS094	MOHAMMED ZAID A	Mohammed
99	1RR21CS095	MOHAMMEDSULTYAN	Mohammed
100	1RR21CS096	MONICA J D	Monica
101	1RR21CS097	NAMISH SUDEEP KUMAR	Namish
102	1RR21CS098	NAMRATHA S	Namratha
103	1RR21CS099	NANDEESH R M	Nandeesh
104	1RR21CS100	NAVEEN G N	Naveen
105	1RR21CS101	NAYANA	Nayana

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Sl.no	USN	NAME	SIGNATURE
106	1RR21CS102	NEHA NAIK	
107	1RR21CS103	NIHAL AHMED SHARIFF	
108	1RR21CS104	NIKHITHA D N	
109	1RR21CS105	NIRANJAN P V	
110	1RR21CS106	NISARGA S	
111	1RR21CS107	NISHITHA R	
112	1RR21CS108	P KRUTHIKA	
113	1RR21CS109	PANCHAMI BR	
114	1RR21CS110	PANKAJ KUMAR	
115	1RR21CS111	POORNASHREE N	
116	1RR21CS112	PRAJWAL M	
117	1RR21CS113	PRANAKSHI V	
118	1RR21CS115	PRA TUSH KUMAR GOUDA	
119	1RR21CS116	PRA VEENKUMAR N B	
120	1RR21CS117	PREETHI JANCI RANI H V	
121	1RR21CS118	PRINCE R	
122	1RR21CS119	PRIYADARSHINI V	
123	1RR21CS120	RAGHU L	
124	1RR21CS122	RAKESH KUMAR H S	
125	1RR21CS123	RAKESH PATEL	
126	1RR21CS124	RAKSHITHA MURTHY	
127	1RR21CS125	RAMAKRISHNA REEDY M	
128	1RR21CS126	RASHMI J S	
129	1RR21CS127	REETU M SONNAD	
130	1RR21CS128	ROHAN SINGH	
131	1RR22CS406	M.R MOHAN KUMAR	
132	1RR22CS407	MANYA R	
133	1RR22CS408	MOHISEENAHMED S PEERWALE	
134	1RR22CS409	MUTTAPPA	
135	1RR22CS410	NIKITHA P	
136	1RR22CS411	POORNIMACHANDRA	
137	1RR21CS129	ROHITH A T	
138	1RR21CS130	RUCHIRA C P	
139	1RR21CS131	SAGAR K M	
140	1RR21CS132	SAGAR R	
141	1RR21CS133	SAHANA B PATIL	
142	1RR21CS134	SAHANA S N	

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Sl.no	USN	NAME	SIGNATURE
143	1RR21CS135	SAMARTH P	
144	1RR21CS136	SAMYAK G ADIGA	<i>Samyak</i>
145	1RR21CS137	SANGANNATHI	<i>Sanganna</i>
146	1RR21CS138	SANJANA B	<i>Sanjana</i>
147	1RR21CS139	SANJANA H	<i>Sanjana</i>
148	1RR21CS140	SANJANA N	<i>Sanjana</i>
149	1RR21CS141	SANJAY K	<i>Sanjay</i>
150	1RR21CS142	SARVESH GOWDA H T	<i>Sarvesh</i>
151	1RR21CS143	SATHVIK	<i>Sathvik</i>
152	1RR21CS144	SATHWIK B S	<i>Sathwik</i>
153	1RR21CS145	SHASHANK K	<i>Shashank</i>
154	1RR21CS146	SHASHANK P GOWDA	<i>Shashank</i>
155	1RR21CS147	SHEETAL C	<i>Sheetal</i>
156	1RR21CS148	SHIVA KUMAR R	<i>Shiva</i>
157	1RR21CS149	SHIVA PRIYA V	<i>Shiva</i>
158	1RR21CS150	SHIVAPRASAD S	<i>Shivaprasad</i>
159	1RR21CS151	SHREYA S	<i>Shreya</i>
160	1RR21CS152	SHREYA S DIXIT	<i>Shreya</i>
161	1RR21CS153	SIDDARTH M	<i>Siddarth</i>
162	1RR21CS154	SIDDHANTH H K	<i>Siddhant</i>
163	1RR21CS155	SINCHANA B C	<i>Sinchana</i>
164	1RR21CS156	SINCHANA R	<i>Sinchana</i>
165	1RR21CS157	SINDHU M D	<i>Sindhu</i>
166	1RR21CS158	SNEHA P	<i>Sneha</i>
167	1RR21CS159	SONY THOMAS KJ	<i>Sony</i>
168	1RR21CS160	SOUHANA	<i>Souhana</i>
169	1RR21CS161	SOUMYA B	<i>Soumya</i>
170	1RR21CS162	SOWMYA P L	<i>Sowmya</i>
171	1RR21CS163	SRI RAKSHA S	<i>Sri Raksha</i>
172	1RR21CS164	SUCHITH JAIN	<i>Suchith</i>
173	1RR21CS165	SUDARSHAN Y R	<i>Sudarshan</i>
174	1RR21CS166	SUPRAKASH SANTRA	<i>Suprakash</i>
175	1RR21CS167	SUPRITH B K	<i>Suprith</i>
176	1RR21CS168	SURAVI P S	<i>Suravi</i>
177	1RR21CS169	SWAROOP PATIL	<i>Swaroop</i>
178	1RR21CS170	SWASTHIK	<i>Swasthik</i>
179	1RR21CS171	TANYA B L	<i>Tanya</i>

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SLNo	USN	NAME	SIGNATURE
180	1RR21CS172	TARUN B	
181	1RR21CS173	TEJAS G S	
182	1RR21CS174	TEJAS K	
183	1RR21CS175	TEJAS SHETTY V G	
184	1RR21CS176	TITHI JANA	
185	1RR21CS177	UMESH K H	
186	1RR21CS178	UMMER MAJEED SHAH	
187	1RR21CS179	LITKARSH KUMAR SINGH	
188	1RR21CS180	VAIBHAVI N	
189	1RR21CS181	VANDANA C S	
190	1RR21CS182	VARSHA BM	
191	1RR21CS183	VARSHA K Y	
192	1RR21CS184	VIDYA P NAIK	
193	1RR21CS185	VINOD	
194	1RR21CS186	VISHWAS S	
195	1RR21CS187	VISHWAS V	
196	1RR21CS188	VRUSHABHA RAJENDRA GN	
197	1RR21CS189	YASHASWINI S	
198	1RR21CS190	YATHISH GOWDA B E	
199	1RR21CS191	YESHASHWINI R	
200	1RR21CS192	YUKTHA C G	
201	1RR22CS412	PRASHANT	
202	1RR22CS413	PRIYANKA PORE	
203	1RR22CS414	REDDY SUPILAJA .M.R	
204	1RR22CS415	SANJAY T	
205	1RR22CS416	SHIVARAJ M NEKAK	
206	1RR22CS417	TARUN S	

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## Department of Information Science and Engineering and RRCE Alumni Association

Report on Alumni Leadership Talk on “Challenges faced by young Entrepreneurs and Start up Founders”

Date : 6<sup>th</sup> January 2024 & Time: 11.00 A.M to 12.30 P.M.

Event Name : Alumni Interaction Programme

Venue : Von Neumann Seminar Hall

Alumnus visited : Mr. V. Rohitkumar

Batch : 2022 passedout

Organization : Ds Province Entrepreneur & Event Management

Designation : Manager

### Summary of the Event:

The event is started with the welcoming the alumnus Mr. V.Rohitkumar by **Dr.J.Amutharaj, Professor & HoD – ISE** and RRCE Alumni Association Coordinator Dr. Savitha B. Mr.Vijayalaxmi Joshi, AP – ISE and ISE Department Alumni Coordinator. Around 70 students of II year and III year Information Science and Engineering department have participated.

Mr. V. Rohitkumar (2018 - 2022 ME Alumni), Founder of Ds Province Entrepreneur & Event Management successfully completed more than 200 events leading a team called 'Prerana' which is a part of an NGO - Youth For Revolution since 2018.

Mr. V. Rohitkumar, Alumni 2022 batch has narrated on his Success story of Start up founder & Entrepreneur. He shared his experience & challenges faced as a business man & entrepreneur in Bangalore. He has guided the students on challenges faced by young entrepreneurs and start up founders.

After the interaction with the students, the resource person was honoured with Memento as a token of appreciation to conclude the event.

The Alumni Interaction event is coordinated by Prof. Vijayalaxmi Joshi, Alumni coordinator of ISE Department, Mrs. Rathidevi T, Asst. Professor of ISE Dept., Ms. Soundarya H J & Ms. Likitha R, Student coordinators.

  
Principal

RAJARAJESWARI

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING  
Ramohalli Cross, Bengaluru-74



# RajaRajeswari College of Engineering







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## Department of Information Science and Engineering and RRCE Alumni Association

Event Banner




**RajaRajeswari  
College of Engineering**  
Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi and Accredited by NBA

**DEPT. OF INFORMATION SCIENCE ENGINEERING  
&  
RRCE ALUMNI ASSOCIATION**

**Challenges faced by Young  
Entrepreneurs and Start up  
Founders**

**SATURDAY**  
📅 **06-01-2024**  
TIME  
🕒 **11:00AM-12.30 PM**  
VENUE  
📍 **Von Neumann Seminar Hall**

**Mr. V. Rohit Kumar**  
Founder DS Province



**ORGANIZING COMMITTEE**

Dr. R. Balakrishna, Principal  
Dr. J. Amutharaj, Vice principal & HoD - ISE  
Dr. Sreenivasmurthy V, ASP - ISE  
Mr. Dineshkumar M, AP - ISE  
Mrs. T. Rathidevi, AP - ISE  
Mrs. Vijayalaxmi joshi, AP - ISE  
Ms. Sinchana M N, AP - ISE  
Mrs. Yamunashree S, AP - ISE

ADMISSION OPEN FOR 2024-2025  
CET CODE : E145 COMED-K : E099 PG CET : T858  
📞 CONTACT : +91-80-28437375

[www.rrce.org](http://www.rrce.org)  
[admission@rrce](mailto:admission@rrce)

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**RRCE**  
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## Department of Information Science and Engineering and RRCE Alumni Association

### Event Photographs



Dr.J.Amutharaj, Professor and HoD, ISE Dept. and Vice Principal is delivering the welcome address



Mr. V.Rohitkumar Alumni 2022 batch addressed the students on "Challenges faced by young entrepreneurs & Start up founders"

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Principal  
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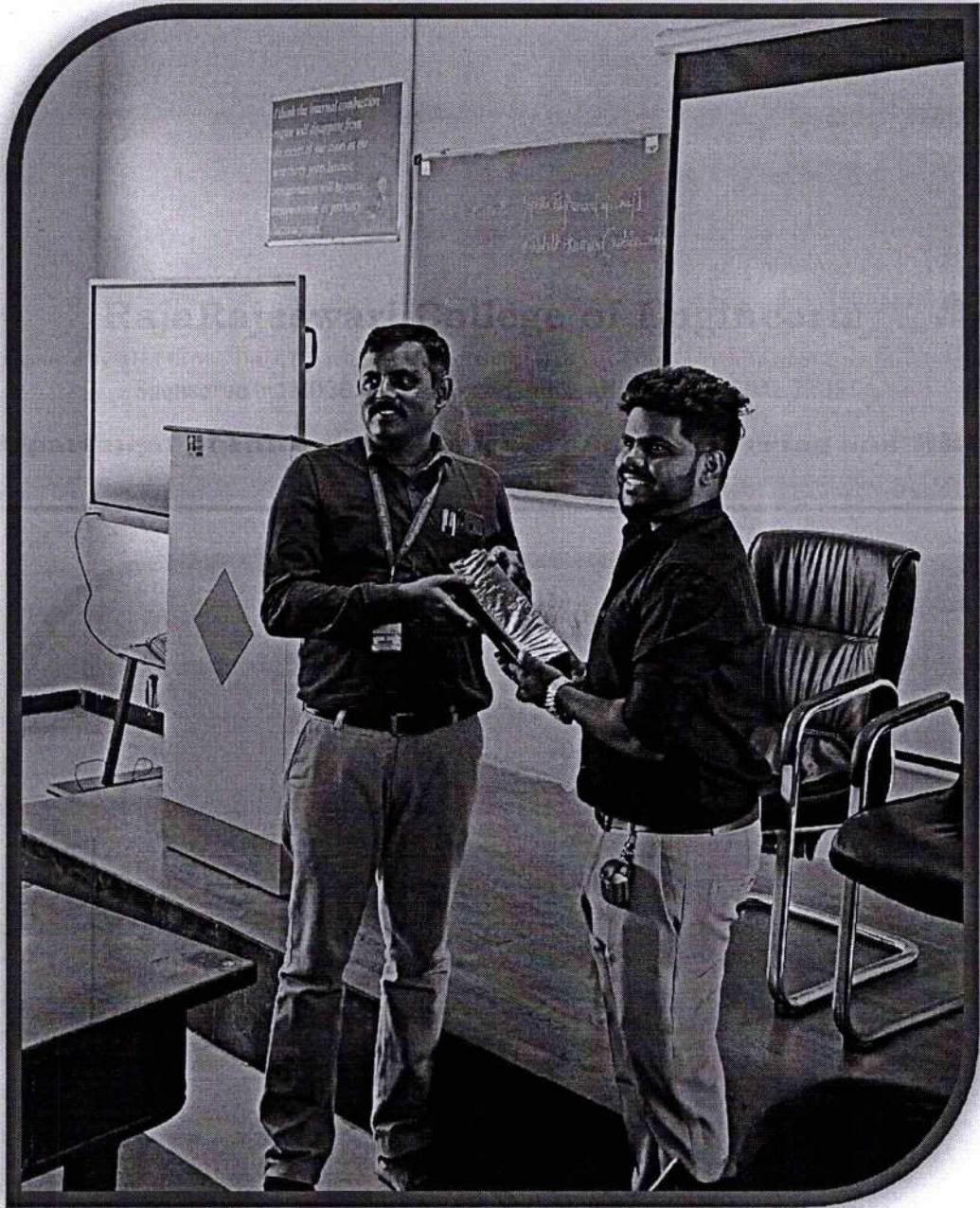
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Dr.J.Amutharaj, Vice Principal & HoD - ISE giving the momento to Mr.V.Rohitkumar, Alumni of 2018 – 2022

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Principal

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**Dept. of Robotics and Automation &  
RajaRajeswari Institution Innovation Council (RRIIC)**

**“National Youth Day” Celebrations by RRIIC**

visit to Sri Ramakrishna Ashram, Basavanagudi on 12<sup>th</sup> January 2024

**National Youth Day 2024**

National Youth Day is celebrated on 12 January 2024, being the birthday of **Swami Vivekananda**. In 1984 the Government of India declared this day as National Youth Day and since 1985 the event is celebrated in India every year, Swami Vivekananda the One of the Most Famous Philosopher or Monk in the World

Visit to Sri Ramakrishna Ashram, Basavanagudi, Bengaluru :

Student members and faculty members of RRIIC have visited Sri Ramakrishna Ashram, Basavanagudi on account of the National Youth day Celebration (Swami Vivekananda Jayanthi)

**Date : 12.1.2024 Friday Time : 9.00 A.M. to 2.00 P.M.**

**Organizing Committee:**

Dr R. Balakrishna, Principal

Dr.S.Usha, Dean (R&I) & HoD – CSE

Dr.J.Amutharaj, Vice Principal & HoD – ISE

Dr.C.Ramesh, HoD- Mech. Engg., & Convener – RRIIC

Dr.M.Karthikeyan, Professor and Head – Robotics and Automation,

Dr.Thanujkumar, NCC Cadet Officer, NCC Naval wing, RRCE

Principal

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**Dept. of Robotics and Automation &  
RajaRajeswari Institution Innovation Council (RRIIC)**

National Youth Day Celebrations – Poster

**RAJARAJESWARI**  
**COLLEGE OF ENGINEERING**  
RAJARAJEWARI INSTITUTION INNOVATION COUNCIL(RRIIC)

MoE Approved : 2019IC12297

**NATIONAL**  
**Youth Day 2024**

Arise ! Awake !! Stop not, until the goal is reached

Principal  
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**Dept. of Robotics and Automation &  
RajaRajeswari Institution Innovation Council (RRIIC)**

Photographs



Visit to Sri Ramakrishna Ashram, Basavanagudi, Bengaluru :

Student members and faculty members of RRIIC have visited Sri Ramakrishna Ashram, Basavanagudi on account of the National Youth day Celebration (Swami Vivekananda Jayanthi)

Date : 12.1.2024 Friday Time : 9.00 A.M. to 2.00 P.M.

Principal

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**Department of Electrical and Electronics Engineering &  
RajaRajeswari Institution Innovation Council (RRIIC)**

Leadership Talk on "Developing a Competitive Innovation & Research Proposal" for the Faculty  
members on 17.1.2024

Leadership Talk on "Developing Competitive Innovation and Research Proposal" jointly organized  
by RRIIC & Electrical and Electronics Engineering (EEE) Department of RajaRajeswari College of  
Engineering, Bengaluru

Date: January 17, 2024 Time: 11:00 A.M to 1.00 P.M.

Venue: APJ Abdul Kalam Hall

Resource Person :

Dr. Uday Maitra,  
Professor,  
Department of Organic Chemistry,  
IISc, Bangalore

The EEE Department of RajaRajeswari College of Engineering, Bengaluru & RajaRajeswari Institution  
Innovation Council (RRIIC) jointly organized a Professional Development Program focused on "Developing a  
Competitive Innovation and Research Proposal".

Objective:

This event was designed to equip faculty members, researchers, and students with the necessary skills and  
knowledge to craft effective and compelling research proposals.

Opening Remarks:

The event commenced at 11:00 AM with a welcome address by Principal, RajaRajeswari College of  
Engineering, highlighting the importance of research and proposal writing in academia and industry.

Keynote Session by Dr. Uday Maitra:


Dr. Uday Maitra, a distinguished Professor from the Department of Organic Chemistry at IISc, Bangalore,  
delivered the keynote address.

His session covered:

Understanding Research & Innovation Proposals: The essential components of a Research & Innovation  
proposal, including objectives, methodology, budget, and expected outcomes.

Identifying Research Gaps: Techniques for identifying and articulating research gaps that a proposal aims to  
address.

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**Department of Electrical and Electronics Engineering &  
RajaRajeswari Institution Innovation Council (RRIC)**



Funding Opportunities for Innovation and Research : Overview of various funding agencies and opportunities available for research grants and Innovation grants.

Proposal Writing Tips: Practical tips and strategies for writing clear, concise, and persuasive proposals.

Common Pitfalls: Common mistakes to avoid during proposal writing and submission processes.

Interactive Q&A Session:

Participants had the opportunity to engage with Dr. Maitra in an interactive Q&A session, where they could seek advice and clarification on specific aspects of their research proposals.

Closing Remarks:

The program concluded with closing remarks from the organizers, expressing gratitude to Dr. Maitra for his insightful presentation and to the participants for their active involvement

Research and Innovation Seminar Poster

**RAJARAJESWARI COLLEGE OF ENGINEERING**  
*Organizing*  
PROFESSIONAL DEVELOPMENT PROGRAM ON  
**Writing a Competitive Innovation & Research Proposal**  
**JANUARY 17, 2024**  
TIME : 11 AM  
VENUE : APJ ABDUL KALAM HALL

**Organizing Committee**  
Dr. A.K. Mariappan - Rector  
Dr. Balakrishna R - Principal  
Dr. Amutharaj - Vice Principal  
Dr. Usha S - Dean - R & D  
Dr. P. Ebby Darnay - Head - EEE

**SPECIAL GUEST**  
**Dr. UDAY MAITRA**  
Professor,  
Department of Organic Chemistry  
IISc, Bangalore

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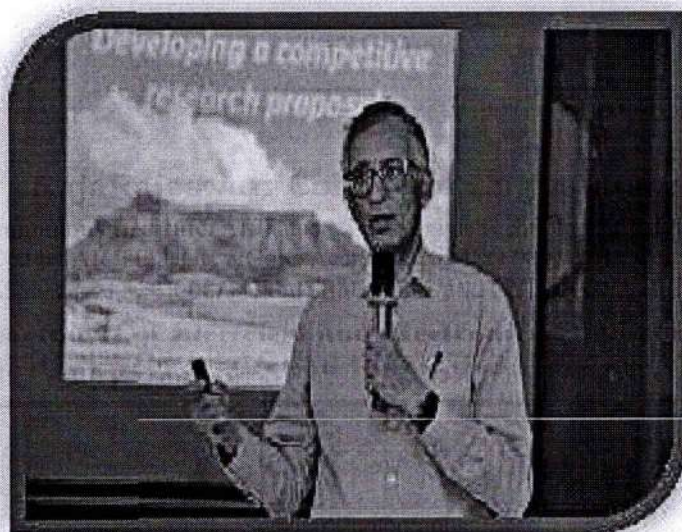
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**Department of Electrical and Electronics Engineering &  
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Seminar Photographs



Leadership Talk on "Developing a Competitive Innovation and Research Proposal" on 17.1.2024 for Faculty members

Principal

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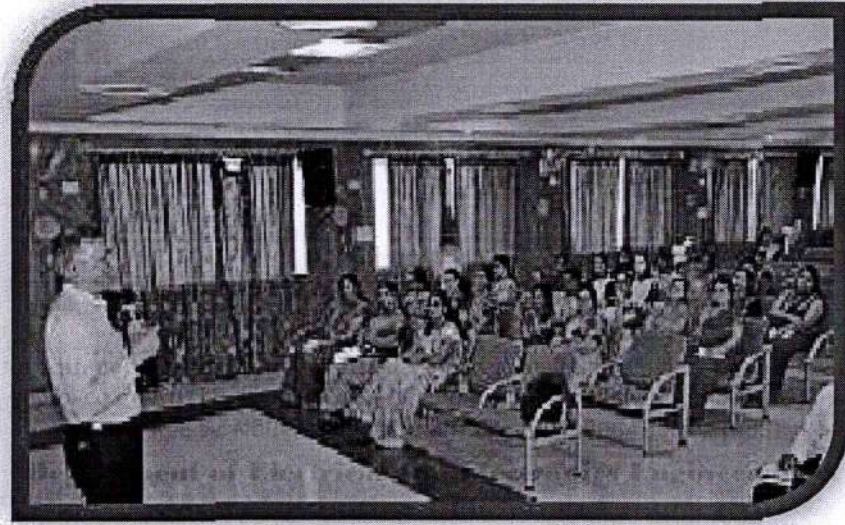
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**Department of Electrical and Electronics Engineering &  
RajaRajeswari Institution Innovation Council (RRIC)**



Leadership Talk on "Developing a Competitive Innovation and Research Proposal" on 17.1.2024 for  
Faculty members

*R.R. Rajeswari*  
PRINCIPAL

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# RajaRajeswari College of Engineering

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Department of Information Science and Engineering & RRIIC

Report on Entrepreneurial Exposure visit and & Field Exposure Trip on 19<sup>th</sup> January 2024

**Type of Event:** Entrepreneurial Exposure Visit & Field Exposure Study

**Title of Event:** Entrepreneurial Exposure Visit & Field Exposure Study to Bharath Toy Factory and Janapada Loka, Channapatna.

**Event Duration:** One day Entrepreneurial Exposure Visit and Field Trip

**Date & Timings:** 19.01.2024 between 9.00 A.M. and 4.00 P.M.

**Venue:** Bharath Toy Factory, Channapatna, Karnataka - 562160

**Target Participants:** Second year UG Students

**Faculty Accompanied:**

Mrs. Vijayalaxmi Joshi, Asst. Professor,

Ms. Sinchana M N, Asst. Professor

Mrs. Yamunashree S, Asst. Professor

**Organizer:** Mrs. Vijayalaxmi Joshi, Asst. Professor

**Number of Students participated:** 66 Students of 3<sup>rd</sup> sem ISE

**Outcome of the Program:**

- Students & Faculty members gathered knowledge on Entrepreneurship, customer behaviours, Business Planning and Profit maximization in Toy Factory.

Students and faculty members got exposure on working of CNC Machines in improving production in the Toy factory.

- Gathered knowledge and exposure on traditional and innovative technologies used in the Toy Factory to increase the production and improve the business.

- Students and faculty members got exposure on how toys are manufacturing in Industries.

- Students and faculty members got awareness on Indian tradition and customer behaviour from the manufacturers of Toys in Bharath Toy Factory.

  
Principal  
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Phone: +91-80-28437124 / 28437375

Email Id:

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



10/10/1910

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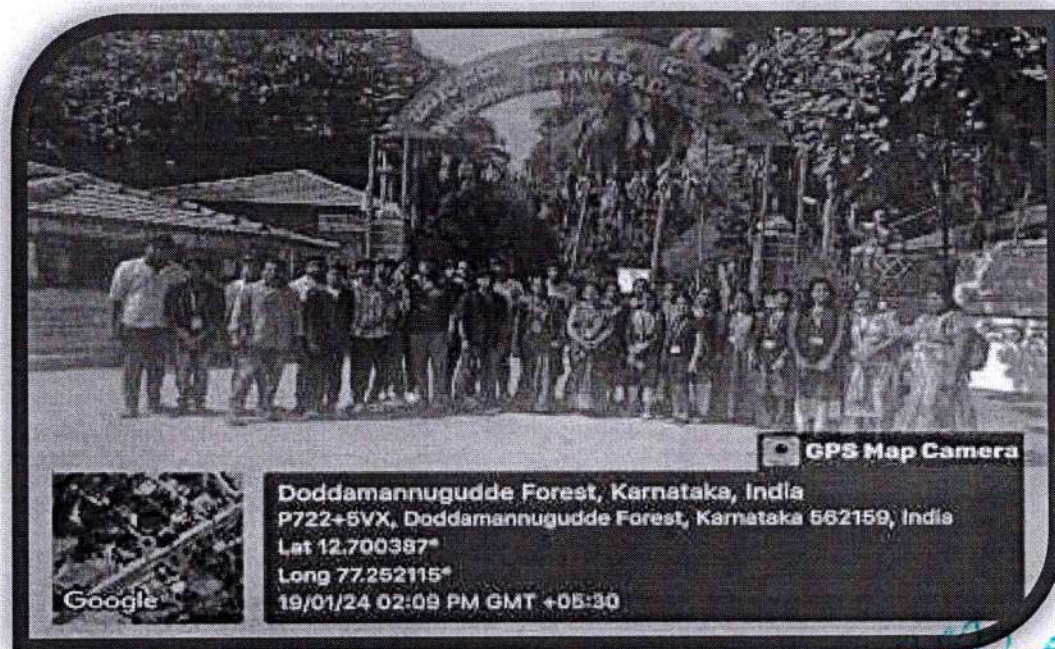


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Department of Information Science and Engineering & RRIIC

## Entrepreneurial Field Exposure Visit - Photographs



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Email Id:

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



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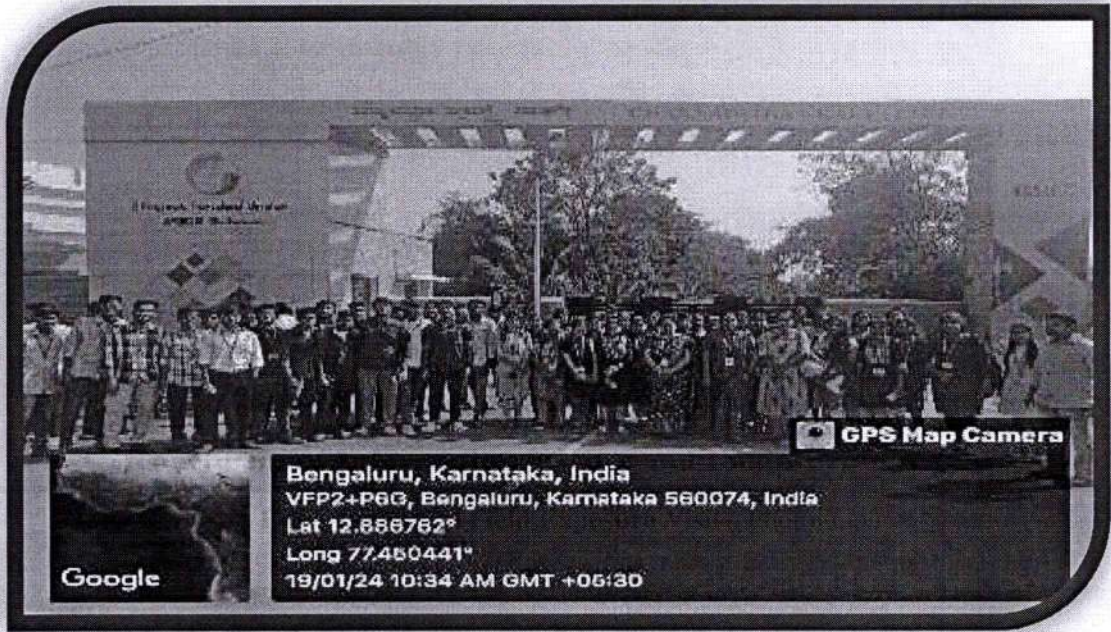


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Department of Information Science and Engineering & RRIIC

## Entrepreneurial Field Exposure Visit - Photograph



*R.R.C.E.*  
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RajaRajeswari Institution Innovation Council (RRIIC)

(Approved by MoE : ICIC201912297)



Workshop on "Business Model Canvas" : RajaRajeswari Institution Innovation Council (#RRIIC) organized a Workshop on "Business Model Canvas" in association with #Pongu #Ventures, Chennai on 18<sup>th</sup> February 2024 between 11.00 A.M. – 1.00 P.M.

Resource Person:

**Mrs. B. Preethi B, B.E, M.S, (USA)**

Startup Venture Designer & Mentor,

Pongu Ventures, Chennai

Venue : Aryabhata Seminar Hall, First Floor

**Description:** Students and faculty members of Institution Innovation Council of RRCE are given hands on session on "Business Model Canvas" and brainstorming on Business Model Canvassing, Unique Selling Propositions (USP), Customer Segmentation, different types of Customer and customer segmentations in detail.

Number of Students Attended the Workshop: 87

Number of Faculty members attended: 11

**Organizing Committee:**

Dr.R.Balakrishna, Principal

Dr. J. Amutharaj, President-RRIIC

Dr.S.Usha, Vice President –RRIIC

Dr.L.Rangaiah, Advisor - RRIIC

Dr.C.Ramesh, Convener - RRIIC

  
Principal  
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Workshop Poster

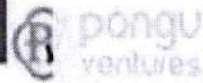


# RAJARAJESWARI COLLEGE OF ENGINEERING

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RR Institution Innovation Council (RRIIC)



*Resource Person*

**Mrs. B. Preethi. B.E.I.M.S**

Startup Venture Designer

Leadership talk on

"Business Model Canvas"



**DATE: 18th Feb 2024**

**Time : 10. 45 A.M**

**Organising Committee**

**Venue: Dr. A.P.J Abdul Kalam  
conference room**

**Dr R.Balakrishna**

Principal

**Dr J. Amutharaj**

President - RRIIC

**Dr S. Uska**

Dean - Research &

VP - RRIIC

**Dr L. Rangiah**

Advisor - RRIIC

**Dr C. Ramesh**

Convener - RRIIC

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Event Photographs



Principal

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Event Photographs



Principal  
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RajaRajeswari Institution Innovation Council (RRIIC)

(MoE Approved: IC 201912297)

Date: 28.2.2024

## “National Science Day 2024” Celebrations by RRIIC @ RRCE”

RajaRajeswari Institution Innovation Council (RRIIC) & Department of Science and Humanities of RajaRajeswari College of Engineering are jointly organizing a “Science Day Exhibition 2024” on 28<sup>th</sup> February 2024 between 9.00 A.M and 4.00 P.M.

### Chief Guest & Resource Person:

Mr. J D Rao,

Former Scientist – G & General Manager,

ISRO – Data Centre, Bengaluru

### Descipriton about Science Day :

National Science Day celebrations and Techno Science Exhibition on 28<sup>th</sup> February 2024 was conducted successfully and Cash Prizes, Certificates and Trophies were given to motivate the B.E. Students. 82 Teams (with more than 320+ students) actively participated in the Exhibition.

Mr. J D Rao, Former Scientist – G & General Manager, ISRO – Data Centre was the Chief Guest and delivered the Inaugural address. He stressed the importance of role of youth in developing innovative solutions using Technology to solve the society problems like water scarcity, irrigation problem in agriculture, Traffic problem in major cities and Waste management problems in densed populated cities.

Date: 28<sup>th</sup> February 2024, Wednesday

Time: 9:00 AM IST

Venue : Dr A P J Abdulkalam Conference Room,

II Floor, RRCE

\Number of Student Teams Participated: 82

Number of Students participated: 320 + (approximate)

Number of Faculty members served as Mentor : 24 + Jury members : 4

### Organizing Committee:

Dr.R.Balakrishna, Principal

Dr. J. Amutharaj, President-RRIIC

Dr.C.Ramesh, Convener - RRIIC

  
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Invitation - National Science Day 2024 Celebrations on 28<sup>th</sup> Feb. 2024



**RAJARAJESWARI COLLEGE OF ENGINEERING**

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



*Cordially invites you all*  
For



## National Science Day Celebrations & Project Exhibition 2024

Date: 28 February 2024 @ 9:00AM to 4:00 PM

Venue: Dr. A P J Abdulkalam Conference Hall

*Jointly organized by*

### DEPARTMENT OF SCIENCE & HUMANITIES

RajaRajeswari Institution Innovation Council (RRIIC)

(MoE Approved : IC201912297)



**Chief Patron**

**Dr. A.C. Shanmugam**

B.A. LLB, FIMSA, FRCPS (Glasgow, UK)  
Founder Chancellor & Chairman  
RajaRajeswari Group of Institutions



**Co-Patron**

**Sri. A.C.S Arun Kumar**

B.Tech (Hons), LMISTE., MIET., (UK), LMCSI.,  
President  
RajaRajeswari Group of Institutions



**Chief Guest**

**Mr. J D Rao**

Former Scientist - G & General Manager,  
Indian Space Research Organization - Data Center, Bangalore

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

Executive Director, RRG I

**Sri. C.N Seetharam, IAS (Retd.)**

Chief Executive Officer, RRG I

**Prof. Dr.S.Jeyabalan., M.E., MBA, Ph.D**

Special Officer, RRG I

**Dr.R.Balakrishna**

Principal

**Dr.J.Amutharaj**

President - RRIIC

**Dr.C.Ramesh**

Convener - RRIIC

**Dr. A.S.Hariprasad**

First year Co-ordinator & HoD - Maths

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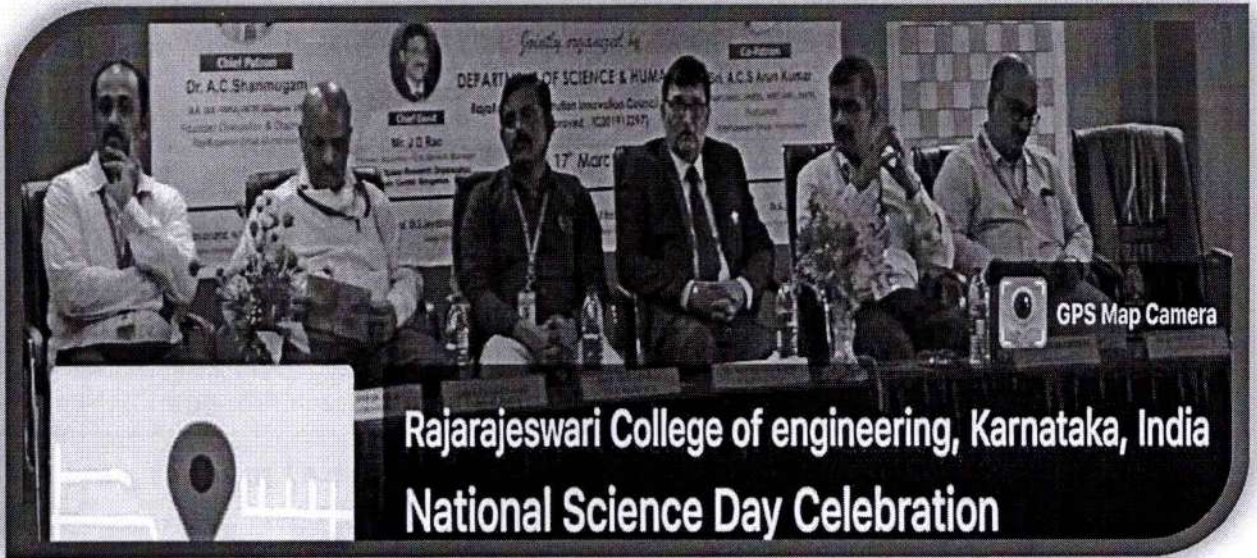


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Photographs of Event : Science Day Exhibiiton 2024 held on 28<sup>th</sup> Feb. 2024



Inauguration Function @ DrAPJ Abdulkalam Conference Hall

  
Principal  
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COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74

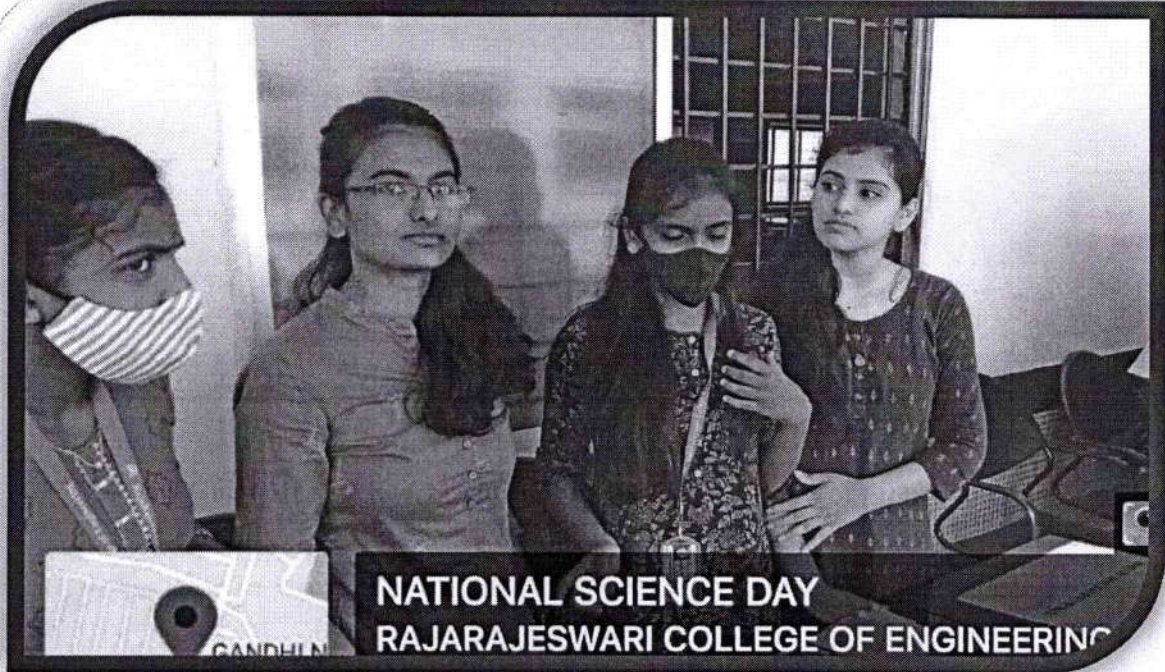


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Chief Guest Mr. J D Rao, Scientist, ISRO is visiting the Science Day Exhibition



Ms.Sahana & Team presenting the Idea in the Exhibition in connection with Science Day

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## ELECTRONICS AND COMMUNICATION ENGINEERING

Technical Talk on

### “Logical Thinking and Problem Solving”

#### REPORT

**Resource Person:** Dr.S R Subramanya, President and CEO, Exskillence, San Diego, USA

**Date:** 8th May 2024

**Time:**10:30 AM to 12:30PM

**Venue:**APJ Abdul Kalam Hall

**Organizer:** Dr. Sunitha R, Associate Professor, ECE.

**Participants:** 4<sup>th</sup> semester students


In the current information age, which is increasingly driven by technology, data, and automation, it is important for students and working professionals across disciplines, to be well grounded in logical thinking. With needs to cope with phenomenal increases in the amount of information, communication, interactions, changing and challenging societal needs and demands, logical thinking and problem solving is extremely essential and valuable for students and all professionals – scientists, engineers, doctors, lawyers, teachers, public administrators, law enforcement officials, managers, etc. It has been recognized that, for students to be successful as part of the future workforce, they must be adept at several of the “21st century skills” in order to be successful. Such skills include logical thinking and problem solving, quantitative and analytical skills, oral and written communication, team work and collaboration, etc. Among these skills, logical thinking and problem solving skills are very foundational in almost every facet of modern life.

**Outcome:** Students will be able to:

- (1) understanding of ambiguities in statements;
- (2) understanding and use of elements of propositional logic;
- (3) practice in the use of logical deduction techniques

Thanking you

Yours Sincerely

  
Dr. Sunitha R  
Coordinator  
(Associate Professor/ECE)  
Ramohalli Cross, Bengaluru-74

**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



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

Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

## ELECTRONICS AND COMMUNICATION ENGINEERING

### PHOTOS



## RajaRajeswari College of Engineering

#14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bangalore-560074  
An Autonomous Institution Approved by UGC under VTU\*, Approved by AICTE



### Department of Electronics and Communication Engineering

Cordially invites the Faculty and Students for the  
**Technical Talk on**  
*Logical Thinking and Problem Solving*

**Resource Person**  
**Dr. S.R Subramanya**  
President & CEO  
Exskillence, San Diego, USA



**Date**  
28/05/2024  
**Time**  
10.00 AM  
to  
12.00 PM



A P J Abdul Kalam conference Hall

**Dr. Sunitha R**  
Co-ordinator  
Associate Professor  
ECE, RRCE

**Dr. Rangaiah L**  
Professor and HOD  
ECE Department  
RRCE

**Dr. R Balakrishna**  
Principal  
RRCE



**for Admissions**  
Contact: 9008845678

COMED-K: E099 CET CODE: E145 [www.rrce.org](http://www.rrce.org)

Principal  
RAJARAJESWARI  
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Ramohalli Cross, Bengaluru-74

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## ELECTRONICS AND COMMUNICATION ENGINEERING



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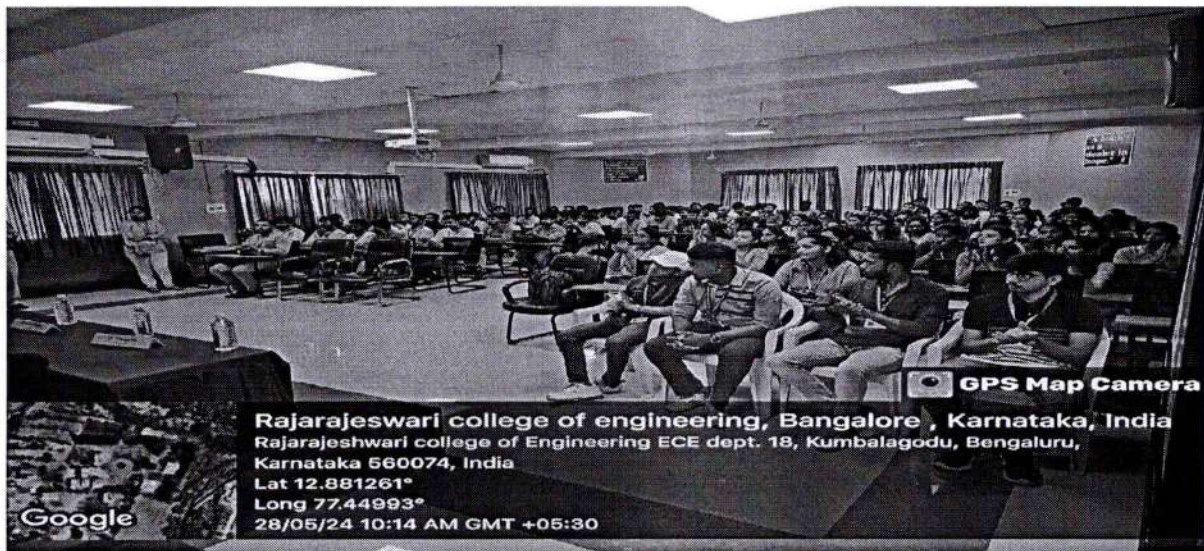
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## ELECTRONICS AND COMMUNICATION ENGINEERING



*R. Rajeswari*  
Principal

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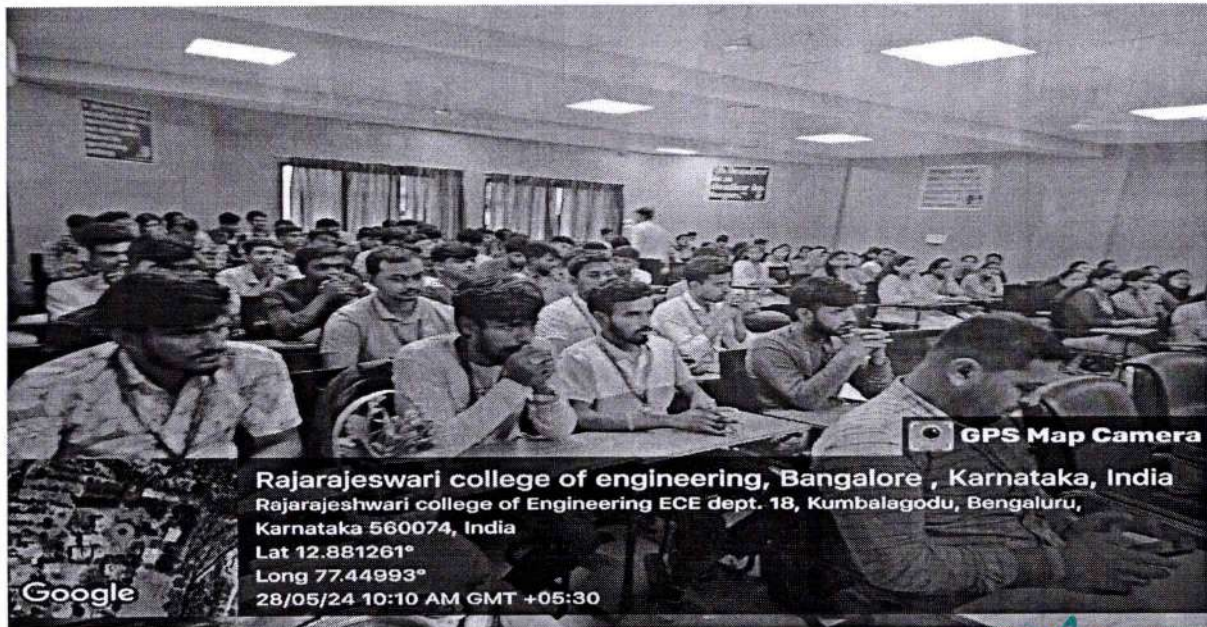
## ELECTRONICS AND COMMUNICATION ENGINEERING



GPS Map Camera

Rajarajeswari college of engineering, Bangalore , Karnataka, India  
Rajarajeshwari college of Engineering ECE dept. 18, Kumbalagodu, Bengaluru,  
Karnataka 560074, India  
Lat 12.881261°  
Long 77.44993°  
28/05/24 10:15 AM GMT +05:30

Google



GPS Map Camera

Rajarajeswari college of engineering, Bangalore , Karnataka, India  
Rajarajeshwari college of Engineering ECE dept. 18, Kumbalagodu, Bengaluru,  
Karnataka 560074, India  
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Google

*R.R.C.E.*  
Principal

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COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74

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**Dept. of Civil Engineering &  
RajaRajeswari Institution Innovation Council (RRIIC)**

### Innovative Project Expo 2024

Event Name : Innovative Project Expo – 2024.

Venue : 6th Floor Lobby, RRCE.

Date & Time : 9th May 2024 & Timings : 11.00 P.M. to 01.00 P.M.

Chief Guest :

Dr.Karisiddappa,Former Vice Chancellor, VTU, Belagavi  
Advisor, RRIIC, Bengaluru

Batch : III and IV Year students of Civil Engineering

Summary of the event :

The Innovative Project Expo – 2024 is inaugurated by the Chief Guest Dr.Karisiddappa, Advisor, RRIIC & Former Vice Chancellor, VTU, Belagavi

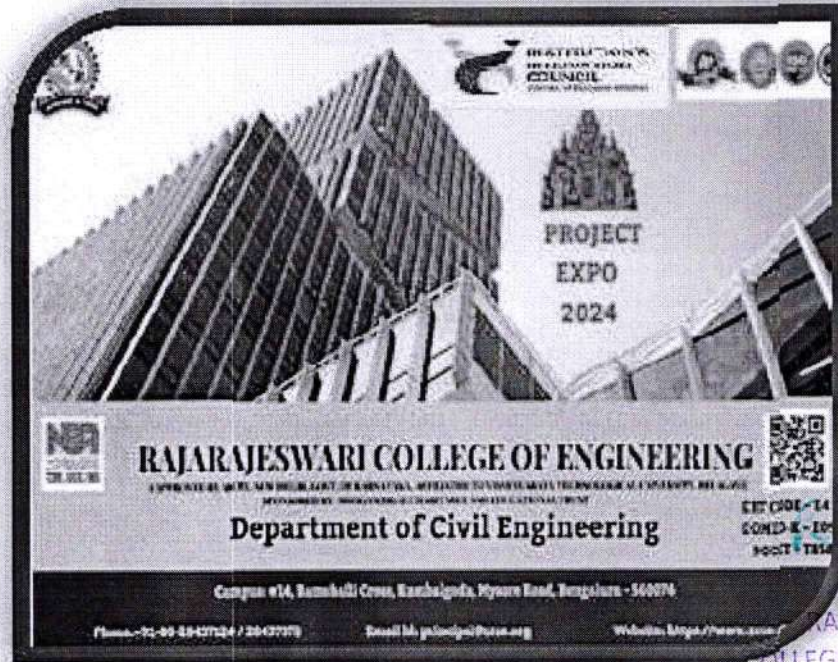
The following guests visited the expo and interacted with the student teams.

1. Dr.R.Balakrishna, Principal,
2. Dr,J,Amutharaj, HOD - ISE & Vice Principal & President - RRIIC
3. Dr.M.Karthikeyan, Professor and HoD - R&A,
4. Dr.K.S..Rajesh, Professor and HoD, AIML

Outcome :

This platform was used by students to exhibit their creativity and innovation. Around 9 Projects were kept for this exhibition. Students have given the feedback to organize such exhibition to get more exposure to the society and fellow student community. This expo was organized by Dr.K.Aravinthan, Professor and HoD – Civil, Mrs M.C.M.Malarvizhi, Mr.Kamalakara, Mrs. M.P.M. Kavya Asst. Professors of Civil Department.

### Exhibition Poster



Principal  
RAJARAJESWARI  
COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-7\*



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**Dept. of Civil Engineering &  
RajaRajeswari Institution Innovation Council (RRIIC)**

Innovative Project Expo 2024 – Civil Engineering Dept.

Expo Photographs



  
COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-7A



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**Dept. of Civil Engineering &  
RajaRajeswari Institution Innovation Council (RRIIC)**

Innovative Project Expo 2024 – Civil Engineering Dept.

Expo Photographs



*[Handwritten Signature]*  
RAJAJESWARARI  
COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74



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**Dept. of Civil Engineering &  
RajaRajeswari Institution Innovation Council (RRIIC)**

Innovative Project Expo 2024 – Civil Engineering Dept.

Expo Photographs



  
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COLLEGE OF ENGINEERING  
Amohalli Cross, Bengaluru-74



## **RajaRajeswari College of Engineering**

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**Dept. of Master of Business Administration &  
RajaRajeswari Institution Innovation Council (RRIIC)**

### **“Two Day Start up Competition” by RRIIC & Management Club of Dept. of M.B.A.**

Two Day Start up Competition jointly organized by RRIIC & Management Club of Dept. of Master of Business Administration on 15<sup>th</sup> May 2024 and 16<sup>th</sup> May 2024 :

Dates : 15.05.2024 & 16.05.2024

Venue : Dr.A.P.J. Abdul kalam Conference Room and Chanakya Seminar Hall

Total Number of students participated : 98

Number of faculty involved : 7 members

#### **Program Outcome:**

**Vyavahara Spardhanam** – A start Up Competition event was organized by MBA department under the banner of management Club Uthishtta, The event was conducted for two days i.e. on 15/5/2024 and 16/05/2024 totally 15 teams participated – 12 teams from MBA and 3 teams from engineering.

The students created their own company with new creative products and this provided them an opportunity to understand how a business can be started and how their creative ideas could be converted into business.

#### **Organizing Committee :**

Dr R. Balakrishna, Principal


Dr.J.Amutharaj, Vice Principal & HoD – ISE & President - RRIIC

Dr.N.Thangadurai, Dean - Innovation

Dr.S.Usha, Dean (R&I) & HoD – CSE & Vice President - RRIIC

Dr.C.Ramesh, HoD- Mech. Engg., & Convener – RRIIC

Dr. Lakshmi B L, Professor and Head – M.B.A. Dept.

  
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**Dept. of Robotics and Automation &  
RajaRajeswari Institution Innovation Council (RRIC)**

Invitation of the Start up Competition



## RAJARAJESWARI COLLEGE OF ENGINEERING

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 560 074.  
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# A Start-up Competition

Organized By


## Department of Management Studies

Come And Join Us.....

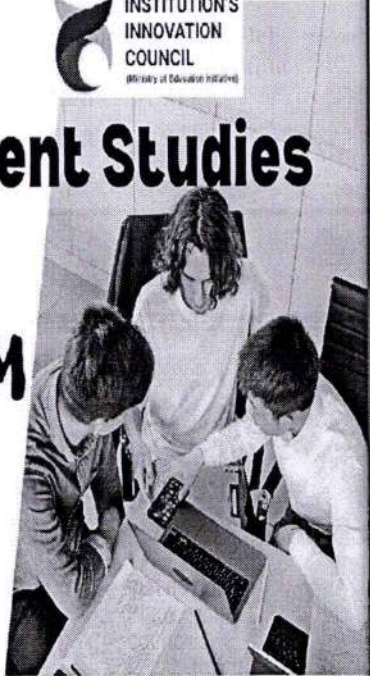
# VYAVAHARA SPARDHANAM

*"Any time is a good time to start a company."*

Date	From	Venue
15th May, 2024	9:30 am onwards	APJ Abdul Kalam Hall



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education Initiative)



**CONVENER**  
**Dr. Lakshmi B.L**  
HOD, Department of  
MBA, RRCE

**Dr.S. Vijayanand,**  
Executive Director, RRGi


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

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

**Dr.J.Amutharaj**  
Vice Principal,  
President - RRIC

**Dr. Kari Siddappa**  
Advisor, RRGi

**Dr. USHA**  
Dean Research,  
Vice President - RRIC

  
Principal  
RAJARAJESWARI  
COLLEGE OF ENGINEERING

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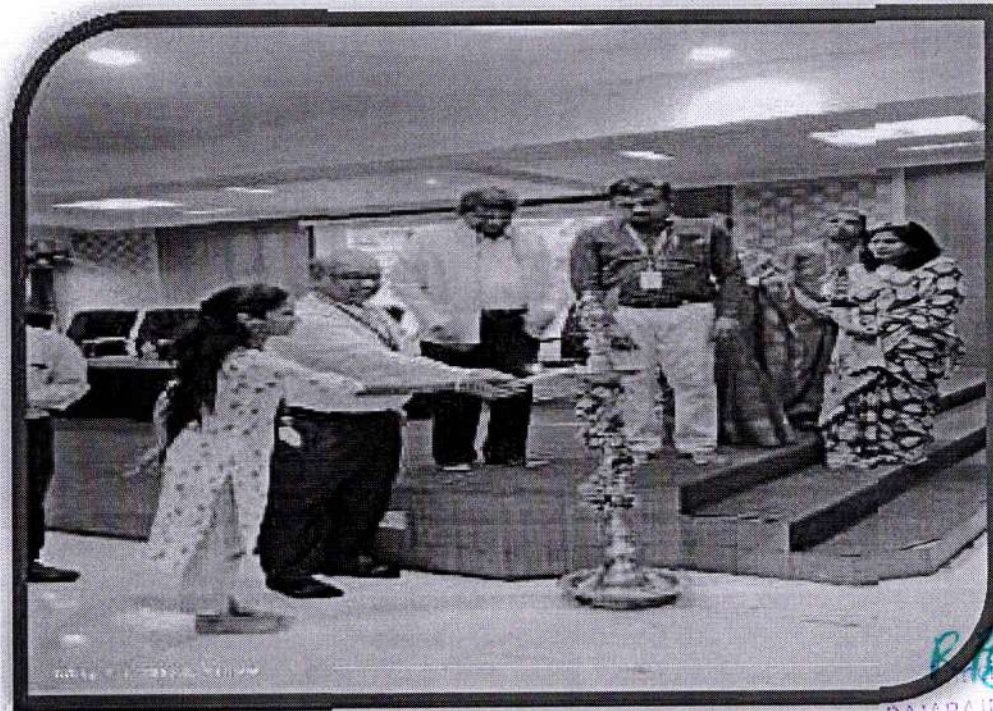


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**Dept. of Robotics and Automation &  
RajaRajeswari Institution Innovation Council (RRIC)**

Photographs of the Start up Competition conducted on 15<sup>th</sup> May 2024 & 16<sup>th</sup> May 2024



*[Handwritten Signature]*  
RAJARAJESWARI  
COLLEGE OF ENGINEERING

Campus: #14, Ramohalli Cross, Kumbalagode, Mysore Road, Bengaluru-560074 Ramohalli Cross, Bengaluru-77



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**Dept. of Robotics and Automation &  
RajaRajeswari Institution Innovation Council (RRIC)**

Photographs of the Start up Competition conducted on 15<sup>th</sup> May 2024 & 16<sup>th</sup> May 2024



*R. Rajeswari*

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

RAJARAJESWARI  
COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74





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**Dept. of Robotics and Automation &  
RajaRajeswari Institution Innovation Council (RRIC)**

Photographs of the Start up Competition conducted on 15<sup>th</sup> May 2024 & 16<sup>th</sup> May 2024



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

RAJARAJESWARI  
COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74



# RAJARAJESWARI COLLEGE OF ENGINEERING

Affiliated to VTU | Approved by AICTE, New Delhi | Accredited by HLAICT, Texas, USA (Internationally) and by NBA

(An Autonomous Institution)

## Innovate 2024 - Prototype Project Exhibition

jointly organized by

**RajaRajeswari Institution Innovation Council (RRIIC)**

(MoE IIC Approval No : IC201912297)

&

**Departments of CSE, ISE, AIML, EEE, ECE & Civil  
Engineering**

**Date : 24<sup>th</sup> May 2024 between 10.00 A.M. – 4.00 P.M.**

### **Chief Guest:**

Mrs. Nandini B G

Business Transformation Lead

Innovation Solutions, Bengaluru.

### **Jury Members :**

Dr.D.Sobya, M.E., Ph.D,

Associate Professor, ECE Dept., RRCE

Dr.Annu Sharma, M.C.A., Ph.D,

Associate Professor, M.C.A. Dept., RRCE

Dr.Sreenivasa Murthy V,

Associate Professor, ISE Dept., RRCE

Dr. D. Sivakumar, M.E., Ph.D,

Professor, CSE Dept., RRCE

Venue : Dr APJ Abdulkalam Conference Room & Intelligent Computing Lab, II Floor

Principal  
RAJARAJESWARI  
COLLEGE OF ENGINEERING  
Bomballi Cross, Bengaluru-74

**Objective of the Exhibition:** To provide an open opportunity to the budding Information Science Engineers to exhibit their creativity & innovative ideas by making a working model prototype and present them for refinement and get suggestions for further improvement to make it as a product.

**Target audience:**

- ❖ The Exhibition is open for UG & PG Students of RRCE

**Number of Participants : 282 Participants. (124 Teams)**

**Prize Winners**

Sl.No	Title of the Prototype	Team Members & Mentors	Position & Reward
1	Cyberbullying Detection in Twitter	Dr.J. Amutharaj Gouthami V.N Divyashree M.L. Nanditha R	I Place Shield & Certificates
2	Enhancing Diabetics Risk Assessment Through Ensemble Learning : A Multiclassifier Approach	Prof. Rathidevi T Mubashir Ahmed Gujiri Mudasir Hashmath Wani Thanush P	II Place Shield & Certificates
3	Rubik Encryption and CNN Based Authentication	Pratwish Naik Ramesh Sacheth N Sridhar Y	III Place – Shield & Certificates

**Organizing Committee**

Dr.R.Balakrishna, Ph.D, Principal

Dr. Amutharaj Joyson, M.E., Ph.D, FIE,

President – RRIIC & Vice Principal

Dr.S.Usha, HoD – CSE, Dean – Research & Vice President – RRIIC

Dr.N. Thangadurai,

Dean – Innovation, RRCE, Advisor - RRIIC

Dr.C.Ramesh, Convener – RRIIC

Dr.M.Karthikeyan, Professor and HoD – Robotics and Automation


Dr.Rajesh K S, Professor and HoD – AIML

Dr.P. Ebby Darney, Professor and HoD – EEE

Dr.L. Rangiah, Professor and HoD – ECE

Dr.K.Aravinthan, Professor and HoD – Civil Engineering

& All the IIC members of RRCE

  
Principal  
RAJARAJESWARI  
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Prototype Project Exhibition Poster



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**Rajajeswari Institution Innovation Council (RIIC)**



## Organizes INNOVATE RIIC

Imagine! Ideate!! Innovate!!!

### Prototype Project Exhibition



Chief Patron  
**Dr. A.C. Shanmugam**  
Vice-Chancellor  
Rajajeswari College of Engineering



Patron  
**Sri. A.C.S. Arun Kumar**  
President  
Rajajeswari Institution Innovation Council



### Chief Guest Mrs. Nandini B G

Implementation Consultant  
Cross Domain (People Works), Bengaluru

**Date: 24<sup>th</sup> May 2024 Time: 9:30AM - 4:00PM Venue: Dr. A.P.J. Abdulkalam, Conference Hall**

**Dr. S. Vijayanand**, M.Tech, Ph.D.  
Executive Director, RRGI

**Sri. C.N. Seetharaman**, IAS (Retd.)  
Chief Executive Officer, RRGI

**Dr. S. Jayabalan**, M.B.A. Ph.D.  
Special Officer, RRGI

**Dr. Hari Siddappa**  
Dean, RRCE

**Dr. A.IL. Mariappan**  
Dean, RRCEP

**Dr. B. Satharishna**  
Principal

**Dr. J. Amutharaj**  
Vice President  
President, RIIC

**Dr. Usha S**  
R.K.D. Dean

**Dr. M. Thangadurai**  
Dean, Institute


**Dr. C. Ramesh**  
Convener, RIIC

Inauguration Function at Dr. A.P.J. Abdulkalam Hall, RRCE



**GPS Map Camera**

**Bengaluru, Karnataka, India**  
Rajajeswari College Of Engineering College Block, Rajajeswari College Of Engineering, Bengaluru, Karnataka 560074, India  
Lat 12.886325°  
Long 77.449838°  
24/05/24 11:23 AM GMT +05:30



NG  
Bengaluru-7

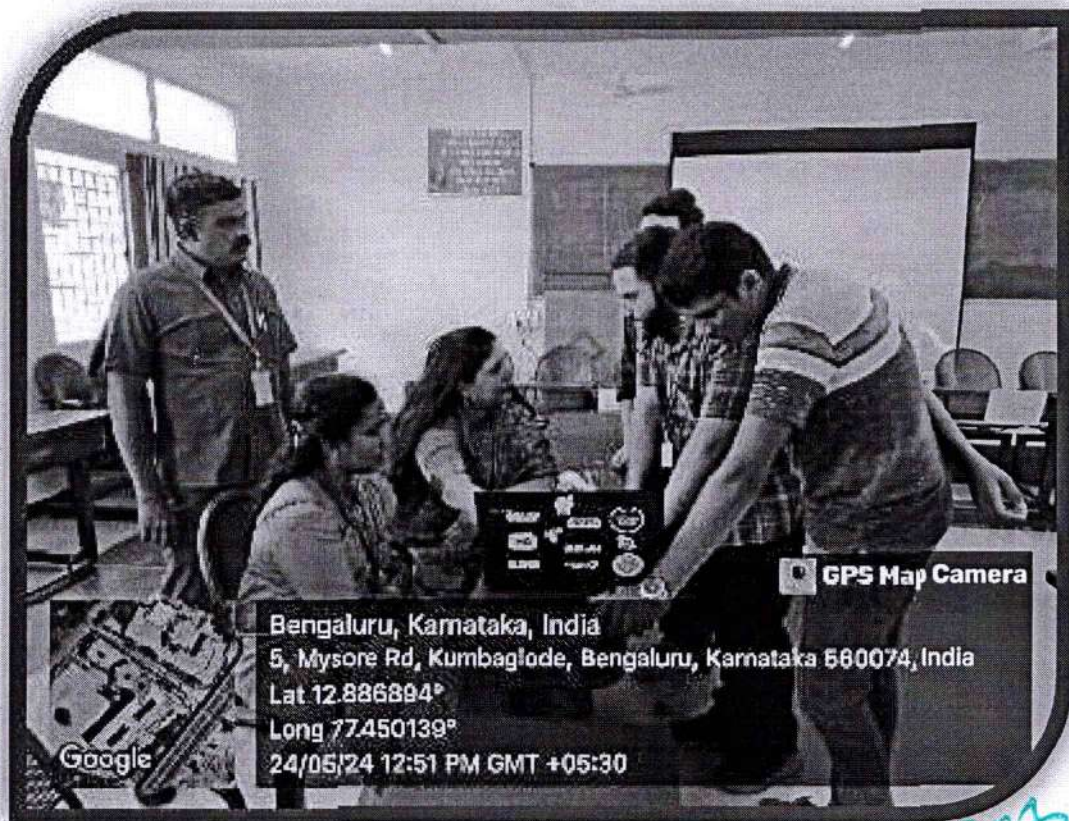


Google

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Bengaluru, Karnataka, India  
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 Engineering, Bengaluru, Karnataka 560074, India  
 Lat 12.88613°  
 Long 77.449887°  
 24/05/24 11:10 AM GMT +05:30

Dr.J. Amutharaj, Vice Principal and President of RRIIC delivered welcome address



Google

GPS Map Camera

Bengaluru, Karnataka, India  
 5, Mysore Rd, Kumbagode, Bengaluru, Karnataka 560074, India  
 Lat 12.886894°  
 Long 77.450139°  
 24/05/24 12:51 PM GMT +05:30

Student demonstrated the Prototype Model to the Jury members

*RRIIC*  
 RAJAJESWARI  
 COLLEGE OF ENGINEERING  
 11th Cross, Bengaluru-74

Students Participants in the Prototype Project Expo on 24<sup>th</sup> August 2024 @ 11.00 A.M. to 3.00 P.M.



# RAJARAJESWARI

COLLEGE OF ENGINEERING

An Autonomous Institution

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*Innovate*  
*2024*

24th May 2024 Friday

Principal  
RAJARAJESWARI  
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Ramoham ... ..

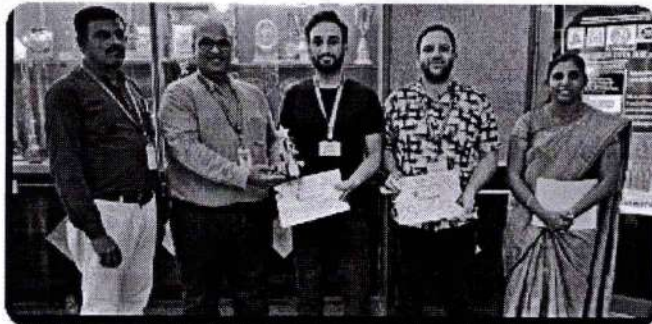
Winners are gave away with Shields and Certificates



# RAJARAJESWARI COLLEGE OF ENGINEERING An Autonomous Institutions



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*Prize*

Distribution



*Innovate  
2024*

Department of ISE

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**National Service Scheme of RRCE &**  
**RajaRajeswari Institution Innovation Council (RRIIC)**



World Environment Day Celebrations by **RRIIC, NSS, AMADEUS Software Labs (India) Pvt. Ltd. Bengaluru. &**  
**Sikshana Foundation, Bengaluru.**

World Environment Day "Tree Plantation Initiative in the RRCE Campus" on 21.6.2024

Date of the programme : 21.6.2024 Friday Timing : 11.00 A.M. to 3.00 P.M.

Name of the Event : Tree Plantation Initiative jointly organized by RRIIC, AMADEUS Software Labs (India) Pvt. Ltd., Marathahalli, Bengaluru & Sikshana Foundation, Bengaluru. & NSS of RRCE

Number of Students attended : 44 student Volunteer of NSS

Number of External Participants : 30 Information Technology Professionals of AMADEUS Software Labs (India) Pvt. Ltd., & 10 Volunteers from Sikshana Foundation, Bengaluru.

**Programme Objectives:**

- To celebrate World Environment Day in RRCE Campus and Initiate Tree Plantation Drive
- To sensitize students on World Environment Day and need for environment protection

**Program outcomes:**

- ✓ Students were sensitized on World Environment Day and need for environment protection

Tree Plantation initiative jointly organized by RRIIC, AMADEUS Software Labs (India) Pvt. Ltd., Marathahalli, Bengaluru & Shikshana Foundation, Bengaluru. & NSS of RRCE

**Organizing Committee :**

Dr.R.Balakrishna, Principal

Dr.J. Amutharaj, President – RRIIC

Mrs. Rashmi, Head – CSR, AMADEUS Software Labs (India) Pvt. Ltd


Mrs. Mahalakshmi, Shikshana Foundation, Bengaluru

Mr. Ranjith, Shikshana Foundation, Bengaluru

Dr.S. Usha, Vice President –RRIIC & Dean – Research

Dr.C.Ramesh, Convener – RRIIC

Prof. Ramesha S, NSS Coordinator of RRCE

  
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Ramohalli Cross, Bengaluru-76



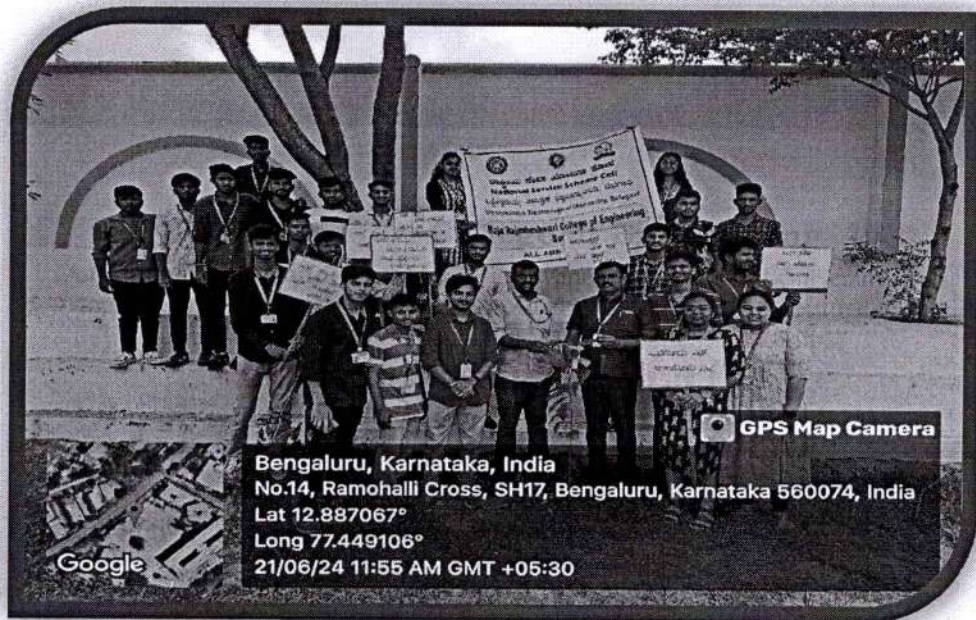


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**National Service Scheme of RRCE &  
 RajaRajeswari Institution Innovation Council (RRIIC)**

Event Photographs – World Environment Day celebrations on 21.6.2024



Tree Plantation Initiative by RRIIC, NSS, CSR Dept. of AMADEUS Software Labs and Sikshana foundation,  
 Bengaluru on 21.6.2024 Friday



Dr.J.Amutharaj, President – RRIIC is planting a neem tree in the RRCE Campus

Principal  
 RAJARAJESWARI  
 COLLEGE OF ENGINEERING

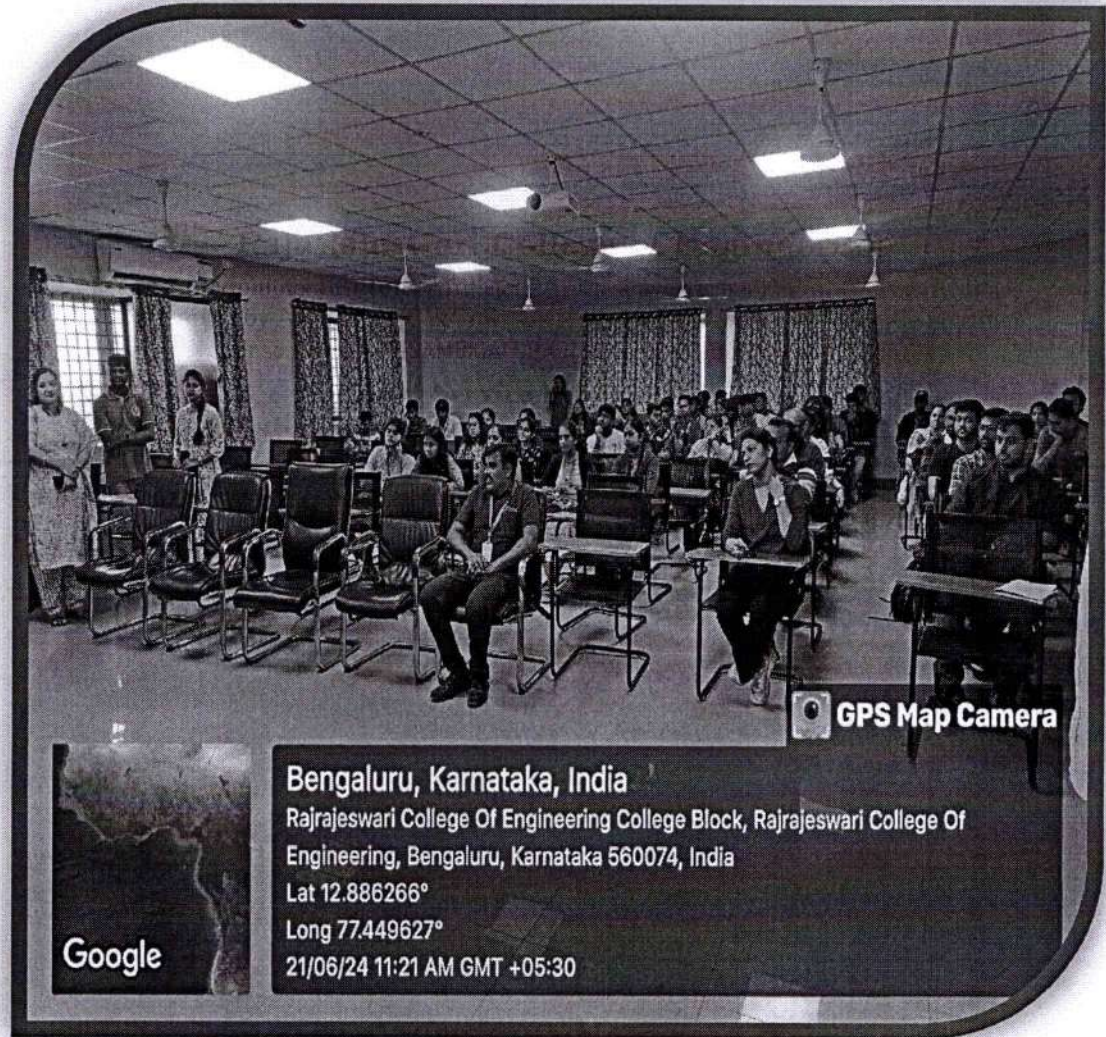
Campus: #14, Ramohalli Cross, Kumbalgotu, Mysore Road, Bengaluru – 560074 Bengaluru-74



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**National Service Scheme of RRCE &  
RajaRajeswari Institution Innovation Council (RRIC)**



Event Photographs – World Environment Day celebrations on 21.6.2024



Sensitization of Students on Environment Protection and Protecting Garden city (Bengaluru) of INDIA  
by Mrs. Rashmi, Head – CSR, AMADEUS

Principal  
RAJARAJESWARI  
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Ramohalli Cross, Bengaluru-74

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**IDEA Club of Dept. of ECE&  
RajaRajeswari Institution Innovation Council (RRIIC)**

**IDEATHON 2024 on "Best Out of Waste and Renewable Energy"**

Type of Event : IDEATHON 2024 on "Best Out of Waste and Renewable Energy"

Title of The Event : Idea Presentation & Pitching on "Best Out of Waste and Renewable Energy"

Date : 10.7.2024 Timing : 10.00 A.M. - 4.00 P.M.

Venue: Satyendra Bose Seminar Hall, ECE Dept.

Target Participants : U.G and P.G Students of RRCE & other colleges

Number of Students participated : 132 students (34 Teams)

Number of Faculty members involved : 10 staff members

Outcome of the Program:

- It has helps the students to present their innovative ideas on using waste & how to develop an innovative product.
- It helps to conversion of waste into a best product.
- It helps to bring creative ideas in students and it converts into innovation.
- It helps students to maintain environment clean and hygienic. & students know about reduce, reuse and recycle
- With some imagination items such as plastic bottles, cardboard and other can be turned into useful products.
- Student presented their ideas on renewable energy

Organizing Committee:

Dr.R.Balakrishna, Principal

Dr.J. Amutharaj, President – RRIIC

Dr.S. Usha, Vice President –RRIIC & Dean – Research

Dr.C.Ramesh, Convener – RRIIC

Dr. Rangaiah, Professor and Head, ECE Dept. & Advisor - RRIIC.

Prof. Haritha S, Asst. Professor and Staff Coordinator, IDEA Club of RRCE

  
RAJARAJESWARI  
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Ramohalli Cross, Bengaluru-7#



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**IDEA Club of Dept. of ECE&  
 RajaRajeswari Institution Innovation Council (BRIIC)**

IDEATHON 2024 on "Best Out of Waste and Renewable Energy"

IDEATHON 2024 Poster



# RAJARAJESWARI COLLEGE OF ENGINEERING

An Autonomous Institution approved by UGC under VTU & Approved by AICTE  
 #14, Ramohalli Cross, Mysore Road, Bengaluru - 560 074





**Chief Patron**  
**Dr. A.C. Shanmugam**  
 B.A. LL.B. FIMSA / RIPS (Bengaluru - CR)  
 Founder Chancellor  
 Dr. M.G.R. E & R. Charval & RRG4, Bengaluru.

**Idea Club of RRCE Presents**

## IDEATHON - 2K24

*Theme: Best out of waste and Renewable Energy*



**Patron**  
**Sri. A.C.S Arun Kumar**  
 B.Tech (Mech), LAMSTE, AMEC, IAS, UMCL,  
 AMEAI, AMSE, AMSE, CEAG (India)  
 President  
 Dr. M.G.R. E & R. Charval & RRG4, Bengaluru.






**Date: 10<sup>th</sup> July 2024 Time: 10:00AM Onwards Venue: Satyendranath Bose Seminar Hall**

**Dr.S.Vijayanand, M.Tech. Ph.D.**  
 Executive Director, RRG1

**Sri.C.N.Seetharaman, IAS(Retd.)**  
 Chief Executive Officer, RRG1

**Dr.S.Jeyabalan, M.B.A. Ph.D.**  
 Special Officer, RRG1

**Dr. Karisiddappa**  
 Adviser, RRCE

**Dr.A.M.Mariappan**  
 Rector, RRCE

**Dr.R.Balachrishna**  
 Principal

**Dr.J.AmutharaJ**  
 Vice Principal

**Dr.Utha I**  
 R & D, Dean

  
 Principal  
 RAJARAJESWARI  
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 Ramohalli Cross, Bengaluru-7





## RajaRajeswari College of Engineering



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**IDEA Club of Dept. of ECE &  
RajaRajeswari Institution Innovation Council (RRIC)**

IDEATHON Photographs

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#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 74

  **INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Faculty of Distance Education)

**IDEA Club of RRCE presents**  
**IDEATHON - 2K24**




**Theme:**  
**Best out of Waste  
Renewable Energy**

**Date: 10th July 2024**  
**Venue: Satyendranath Bose Seminar Hall**  
**Time: 10 AM onwards**

**Cash prize awaiting!!**

**Prof. Haritha.K.Sivaraman**      **Dr. L. Rangaiah**      **Dr.R.Balakrishna**  
Co-ordinator                      HOD-ECE                      Principal

**Student Co-ordinators**      Admissions open for 2024-25        
**Sahana T Gadikar (7337862726)**      CET Code : E145  
**Syeda Kounain (8050466988)**      COMED-K : E099  
Contact no : 9008845678

  
PRINCIPAL  
RAJARAJESWARI  
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Ramohalli Cross, Bengaluru-74

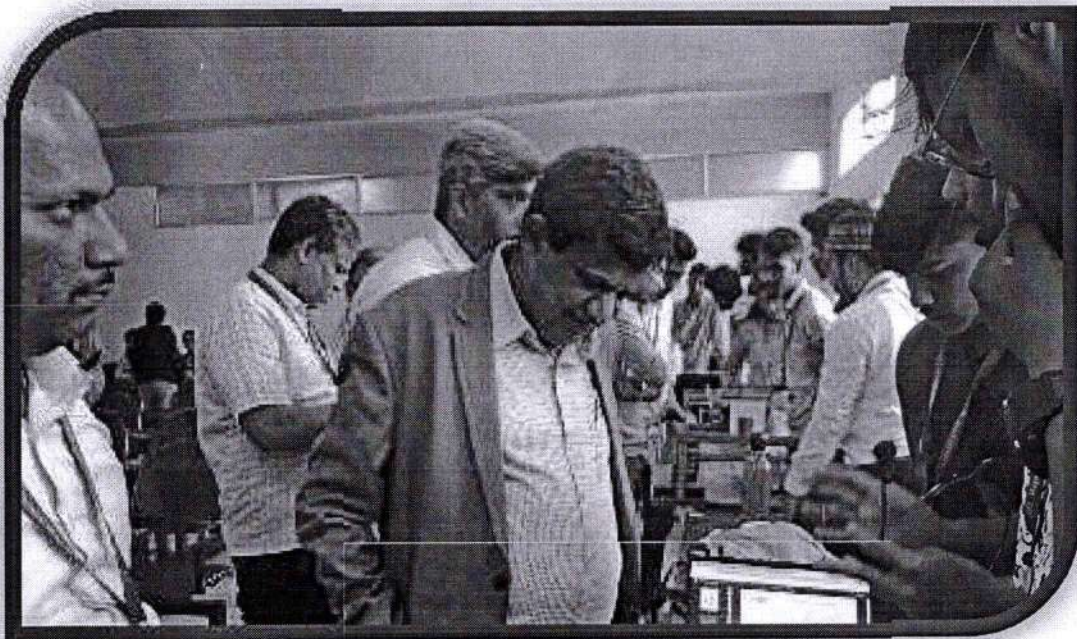


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**IDEA Club of Dept. of ECE&  
RajaRajeswari Institution Innovation Council (RRIIC)**

IDEATHON Photographs



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

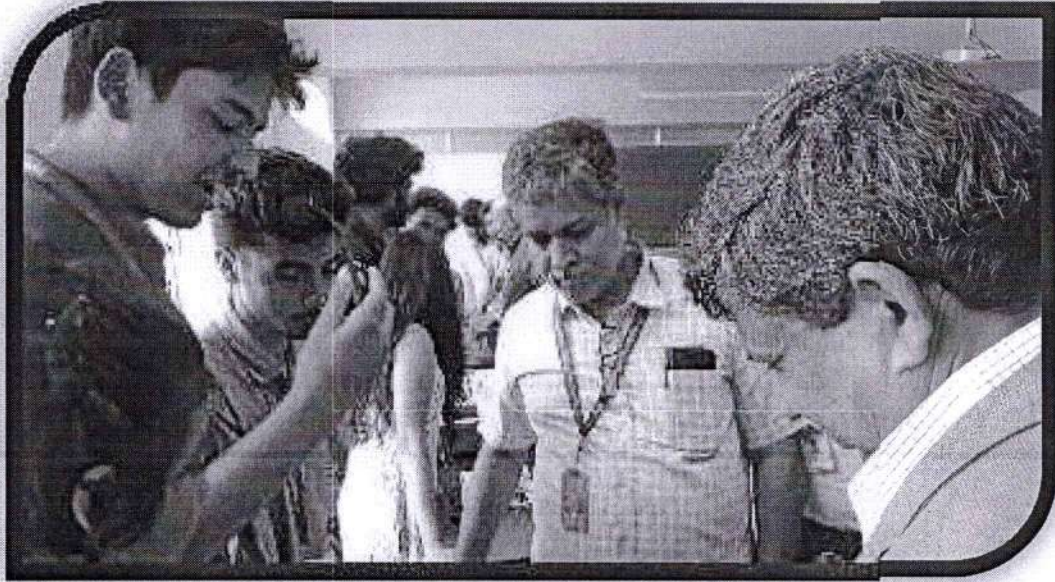


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**IDEA Club of Dept. of ECE&**  
**RajaRajeswari Institution Innovation Council (RRIC)**

IDEATHON Photographs



Principal  
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COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74



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**Dept. of Robotics and Automation &  
RajaRajeswari Institution Innovation Council (RRIC)**

Innovation and Creativity Expo 2023 on "Innovative Products from Waste"

Expo Photographs



*R.R.C.*  
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COLLEGE OF ENGINEERING

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Ramohalli Cross, Bengaluru-74





## RAJARAJESWARI COLLEGE OF ENGINEERING

Affiliated to VTU | Approved by AICTE, New Delhi | Accredited by HACT, Texas, USA (Internationally) and by NBA

### Entrepreneurial Leadership Talk

on

### "Incubators & Accelerators for Early Stage Start ups and Students"

organized by

### RajaRajeswari Institution Innovation Council (RRIIC)

( MoE IIC Approval No : IC201912297 )

**Date: 24<sup>th</sup> July 2024 Time : 9.00 A.M. – 1.00 P.M.**

#### Resource Person:

Mrs. V.Preethi, B.E. M.S.(U.S.A)  
Start up Ventrue Designer.  
Pongu Ventures (P) Ltd., Chennai.

Dr.G.Vinoth, B.E., M.S., Ph.D, (USA)  
Chief Start up Designer,  
Pongu Ventures (P) Ltd., Chennai.

**Venue : 6<sup>th</sup> Floor - Chankya Seminar Hall**

**Objective of the Leadership Talk:** To give an overview on the role of Incubators, Accelerators and Venture Studio and services provided to the student and faculty start ups, early stage Entrepreneurs, Faculty Entrepreneurs, Start up Founders and Aspiring Student / Faculty Entrepreneurs.

#### Target audience:

- ❖ Leadership Talk is open for aspiring Student Entrepreneurs & faculty Entrepreneurs, Industry Personnel, Start up Founders, Faculty members, UG & PG Students.

**Number of Participants : 60 Participants ( 55 students + 5 faculty members )**

  
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**Outcome of the Program:**

- Role of Incubators, Accelerators and Venture Studio for helping the Student Start ups
- Opportunity for Students and Faculty members of HEIs
- Need for Incubator Facility creation and utilization by Student start up founders and Innovators
- RajaRajeswari Business Incubator (RRBI) and it's Incubator services to the students start up founders
- Effective utilization of Incubator Services by RRBI Student and Faculty Incubatee companies
- Role of Accelerators and Services to the Start ups
- Venture Studio and its role in supporting Start ups

**Organizing Committee:**

1. **Dr.R.Balakrishna**, Principal - RRCE
2. **Dr. J. Amutharaj**, Vice Principal & President, RRIIC
3. **Dr.C.Ramesh**, Convener – RRIIC
4. **Dr.D.Sobya**, Start up Cell Coordinator - RRIIC



RAJARAJESWARI  
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## Event Poster

RajaRajeswari College of Engineering, Kumbalgodu, Bengaluru.

INSTITUTION'S INNOVATION COUNCIL  
Ministry of HRD, Government of India

RR Institution Innovation Council (RRIIC)

Pongu ventures

Resource Persons

Mrs V Preethi, BE,MS(USA)      Dr.G.Vinoth, B.E,M.S,Ph.D,  
Startup Venture Designer      Chief Startup Designer,  
Pongu Ventures,  
Chennai.


**Topic:**  
**Incubators & Accelerators**  
for Early Stage Startups and students  
Date : 24.7.2024 at 10.00 A.M.

Venue : Dr A.P.J. Abdulkalam Conference

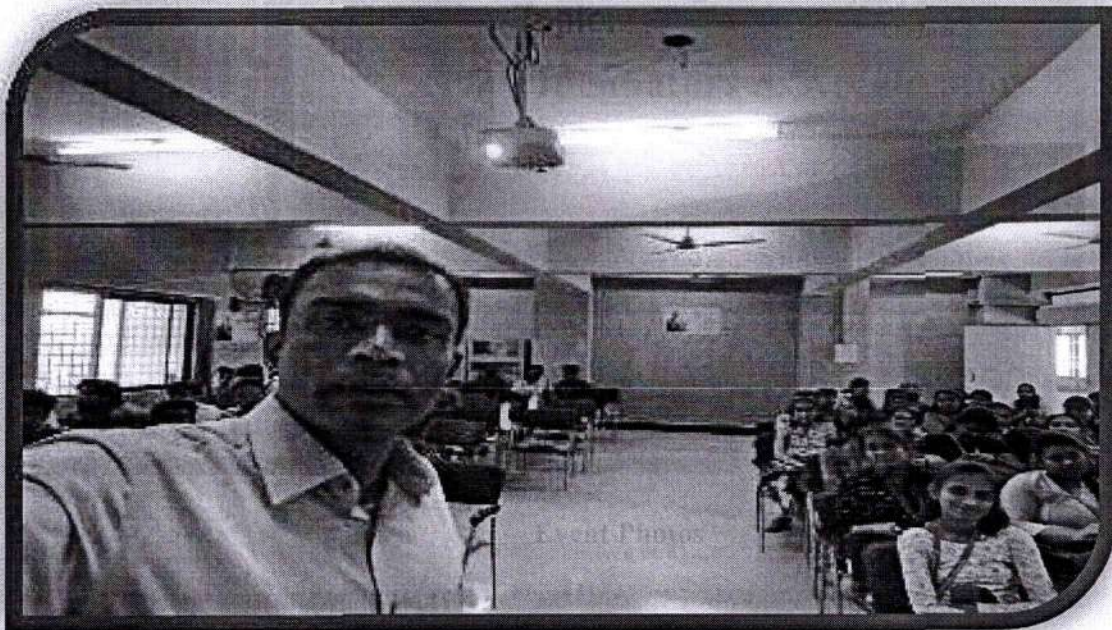
Organizing Committee

Dr. D. Sadya      Dr. C. Ramesh,  
Startup Coordinator      Convener - RRIIC

Dr. J. Ananthraj      Dr. Balakrishna B  
Professor, RRIIC      Principal

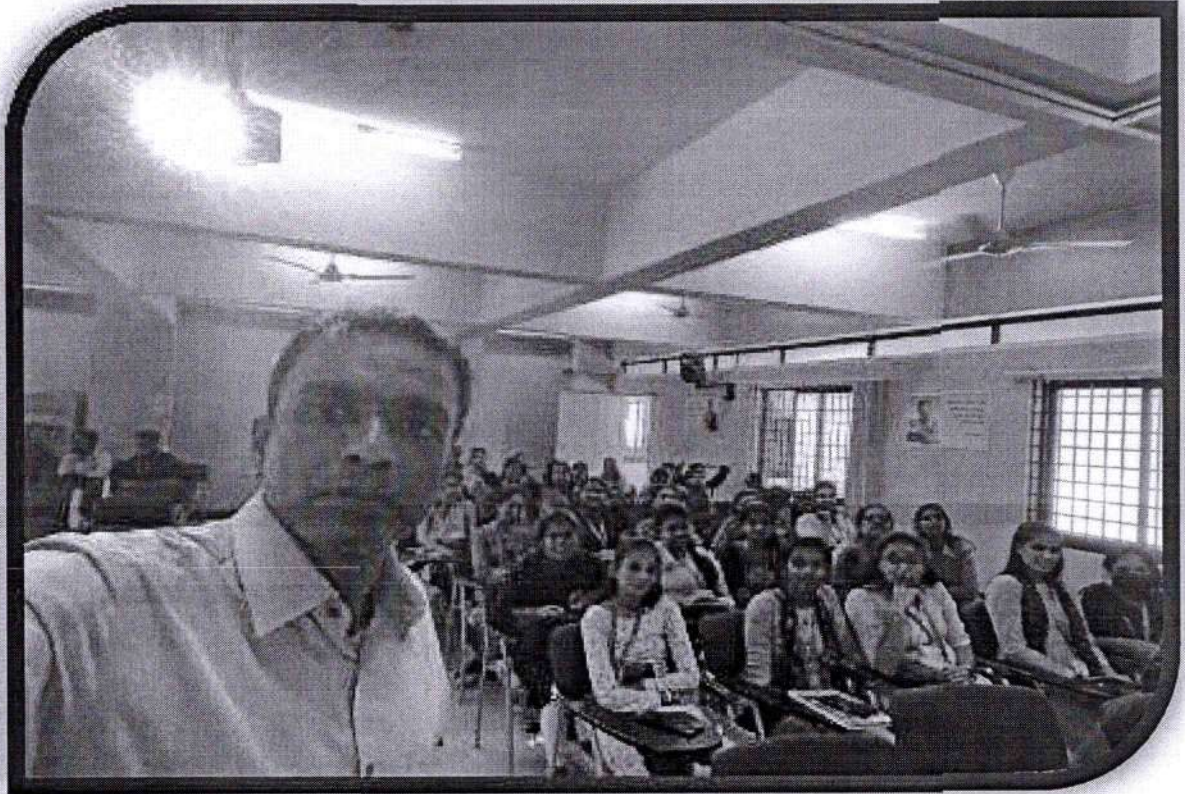


## Event Photos



Dr Vinoth G delivered an interactive session on "Incubators and Accelerators" on 24<sup>th</sup> July 2024

  
Principal



Dr Vinoth G delivered an interactive session on “Incubators and Accelerators” on 24<sup>th</sup> July 2024

  
RAJARAJESWARI  
COLLEGE OF ENGINEERING  
Ramohalli Cross, Bengaluru-74



**Regional Meet**  
Institutions' Innovation Council  
MoE's Innovation Cell

**Certificate of Participation**

**Dr Ebby Darney**

**RajaRajeswari College of Engineering, Karnataka**

has participated in the regional meet held on 9th Dec. 2023 at  
REVA University, Bengaluru.

**Dr. M. Dhanamjaya**

Vice-chancellor  
REVA University

**Mr. Dipan Sahu**

Assistant Innovation Director  
MoE's Innovation Cell



**Regional Meet**  
Institutions' Innovation Council  
MoE's Innovation Cell

**Certificate of Participation**

**Dr. K. Aravinthan**

**RajaRajeswari College of Engineering, Karnataka**  
has participated in the regional meet held on 9th Dec. 2023 at  
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Vice-chancellor  
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**Mr. Dipan Sahu**  
Assistant Innovation Director  
MoE's Innovation Cell