



# RajaRajeswari College of Engineering

(An Autonomous Institute, Affiliated Visvesvaraya Technological University, Belagavi ,  
Approved by AICTE, UGC & GoK, Accredited by ISO 9001-2015 Certified Institution)

Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

Department of EEE & RajaRajeswari Institution Innovation Council (RRIIC)



## Report of Internal Hackathon jointly organized by Dept. of EEE and RRIIC for the participation in the National Level Smart India Hackathon (SIH 2024)

**Venue:** Tesla Seminar Hall, EEE Dept.

**Date & Timing :** 18.09.2024 Wednesday between 9.30 A.M. to 4.30 P.M.

### About Internal Hackathon:

The Internal Hackathon was jointly organized by Dept. of EEE and RRIIC in the RajaRajeswari College of Engineering on 18.09.2024 Wednesday. A total of 61 teams were participated in the internal hackathon and presented their ideas. The teams were come up with the ideas reflecting the problem statements given by National Level Smart India Hackathon (SIH) in the SIH portal [www.sih.com](http://www.sih.com).

### Coordinators for Internal Hackathon:

The Institution identified Dr. P. Ebby Darney, Professor and Head of EEE department as Institution SPOC (Single Point of Contact) and Department coordinators are also identified to facilitate students' participation in the Internal Hackathon event. The following staff members are being nominated from the departments to coordinate the 'Internal Hackathon of Smart India Hackathon, 2024'.

S.No	Name of the Faculty	Designation	Department
1	Dr.R. Balakrishna	Principal	Head of the Institution
2	Dr. J. Amutharaj	President - RRIIC	Vice Principal & ISE Dept.
3	Dr. Ramset C	Convener- RRIIC	HoD - ME
4	Dr. P Ebby Darney	SPOC - SIH	HoD - EEE
5	Dr. Srinivasulu Reddy	Associate Professor	R&A Dept.
6	Mrs. Haritha S	Assistant Prof.	ECE
7	Dr. Selvi M	Associate Prof.	CSD
8	Mrs.Udhyami	Assistant Prof.	EEE
9	Mrs. Ashwini L K	Assistant Prof.	CV
10	Mr. Richard William	Assistant Prof.	CSE
11	Mr. Sunil	Assistant Prof.	CSE
11	Ms.Sinchana	Assistant Prof.	ISE
12	Ms. Rashmi K	Assistant Prof	AIML

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

Phone:+91-80-28437124 / 28437375

Email Id:

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



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## Poster – Internal Hackathon for SIH 2024



**Rajarajeswari College of Engineering**  
An Autonomous Institution  
Affiliated to VTU, Approved by AICTE, UGC &GoK  
No. 14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bangalore

**RAJARAJESWARI INSTITUTIONS INNOVATION COUNCIL**  
*Organizes*  
**INTERNAL HACKATHON 2024**  
SOFTWARE & HARDWARE EDITION  
**SMART INDIA HACKATHON 2024**

**Wednesday, 18th September, 2024**  
**9:00 AM to 1:00 PM**

**IMAGINE INVENT INNOVATE**  
**ORGANISING COMMITTEE MEMBERS**

Dr. P. Ebby Darney – SPOC – SIH 2024 & HOD, EEE  
Dr. Kirubha D – HoD, CSE  
Dr. R. Sunitha – HoD, ECE  
Dr. Lakshmi B L – HoD, MBA  
Dr. T. Subburaj – HoD, MCA  
Dr. Shashidhar V – HoD, CSE (IC)  
Dr. Sreenivasamurthy. V - HoD, ISE  
Dr. Selvi M - HoD, CSD  
Dr. Satheesha V – HoD, R&A  
Dr. Sudhakara A – HoD, Chemistry  
Dr. K.S.Krishna Kumar – HoD, Physics  
Dr. A.S. Hariprasad – HoD, Maths

**MOE APPROVED, IC201912297**

**RRIIC Office Bearers**

**Dr. Balakrishna R**  
Principal, RRCE

**Dr. Usha. S**  
Dean Research

**Dr. J.Amutharaj**  
President, RRIIC

**Dr. C. Ramesh**  
Convener, RRIIC

**Dr. L. Rangaiah**  
Dean Academics  
Advisor, RRIIC

**Dr. Rajesh K S**  
Advisor, RRIIC

**OPEN FOR ALL STUDENTS OF RRCE**

### Jury Panel :

The following six jury members served as jury panel for selecting the best ideas from the ideas presented in the Internal Hackathon.

1. **Dr. Prakasha P K**- Professor, Dept of AI&ML
2. **Dr. R Arul Jose** - Associate Professor, Dept of EEE
3. **Mr. A. Richard William** - Asst Professor, Dept of CSE
4. **Mr. Sunil A** - Asst Professor, Dept of CSE
5. **Mrs.Haritha K S** - Asst Professor, Dept of ECE
6. **r. Dharani T** - Asst. Professor, Dept of ISE

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The poster is a dark blue rounded rectangle with a purple border. At the top left, there are logos for VTU, Rajarajeswari College of Engineering, and NBA. The text reads: 'Rajarajeswari College of Engineering An Autonomous Institution Affiliated to VTU, Approved by AICTE, UGC &GoK No. 14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bangalore'. Below this is 'MOE APPROVED, IC201912297' and 'RAJARAJESWARI INSTITUTION'S INNOVATION COUNCIL Welcomes JURY MEMBERS OF SIH 2024 Internal Hackathon 2024'. A list of jury members follows: Mr. Richard William A, Asst. Professor, CSE; Mr. Sunil A - Asst. Professor, CSE; Dr. Prakasha P .K – Professor, AIML; Mrs. Haritha K - Asst. Professor, EEE; Dr. R Arul Jose – Associate Professor, EEE; Dr. Dharani – Asst. Professor, ISE. The date 'Wednesday, 18th September, 2024' is in a white box. The venue '1st Floor, EEE Seminal Hall RAJARAJESWARI COLLEGE OF ENGINEERING' is in a dark blue box at the bottom.

### Summary of Internal Hackathon Event:

The event was held on 18.09.2024 at 9.30 AM. Dr P. Ebby Darney, SPOC – RRCE delivered the welcome address. Dr.J. Amutharaj President – RRIIC & Vice Principal presided over the event and gave the instructions to the students about the presentation and motivated them. Dr C Ramesh, Convener of RRIIC has delivered the felicitation address. The idea presentation and discussion was conducted in discussion hall, RRCE, Bangalore.

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*The photos of Internal Hackathon 2024 of SIH 2024*



Student Teams presenting their Ideas to the jury members



Student Teams presenting their Ideas to the jury members

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Bengaluru, Karnataka, India

Rajrajeswari College Of Engineering College Block, Rajrajeswari College Of Engineering, 5, Mysore Rd, Kumbagode, Bengaluru, Karnataka 560074, India

Lat 12.886451°

Long 77.449905°

18/09/24 10:27 AM GMT +05:30

GPS Map Camera



Bengaluru, Karnataka, India

Rajrajeswari College Of Engineering College Block, Rajrajeswari College Of Engineering, 5, Mysore Rd, Kumbagode, Bengaluru, Karnataka 560074, India

Lat 12.88627°

Long 77.449639°

18/09/24 10:40 AM GMT +05:30

GPS Map Camera

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GPS Map Camera

Bengaluru, Karnataka, India  
Rajrajeswari College Of Engineering College Block, Rajrajeswari College Of Engineering, 5,  
Mysore Rd, Kumbaglodde, Bengaluru, Karnataka 560074, India  
Lat 12.886363°  
Long 77.449789°  
18/09/24 10:28 AM GMT +05:30

Google



GPS Map Camera

Bengaluru, Karnataka, India  
Rajrajeswari College Of Engineering College Block, Rajrajeswari College Of Engineering, 5,  
Mysore Rd, Kumbaglodde, Bengaluru, Karnataka 560074, India  
Lat 12.88646°  
Long 77.449888°  
18/09/24 10:27 AM GMT +05:30

Google

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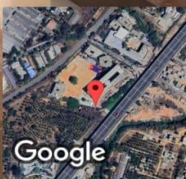
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Rajajeswari College Of Engineering College Block, Rajajeswari College Of Engineering, 5,  
Mysore Rd, Kumbaglode, Bengaluru, Karnataka 560074, India  
Lat 12.886497°  
Long 77.44985°  
18/09/24 09:45 AM GMT +05:30



**Bengaluru, Karnataka, India**  
Rajajeswari College Of Engineering College Block, Rajajeswari College Of Engineering, 5,  
Mysore Rd, Kumbaglode, Bengaluru, Karnataka 560074, India  
Lat 12.886262°  
Long 77.449706°  
18/09/24 10:29 AM GMT +05:30

Student Teams presenting their Ideas to the jury members

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### Outcome and Conclusion:

A Total of 61 teams presented their ideas to the Jury members. Out of 61 batches, 45 best ideas and 5 good ideas were shortlisted and the same will be uploaded into SIH portal.

### Social Media Links:

#### Facebook:

<https://www.facebook.com/share/SVL9NmudVqBAo4d7/?mibextid=xfxF2i>

#### Instagram:

<https://www.instagram.com/p/DADuMo2zxsD/?igsh=MXYZamM5M2h0ZjJtYQ==>

### Organizing Committee

Dr.P. Ebby Darney, SPOC – RRCE, SIH 2024

Dr.C. Ramesh, Convener - RRIIC

Dr.J. Amutharaj, President – RRIIC

Dr.R. Balakrishna, Principal