



RAJARAJESWARI COLLEGE OF ENGINEERING

NEWS LETTER



ELECTRICAL AND ELECTRONICS ENGINEERING

SPARKS 2025-26 (ODD SEM)

VISION

“To be a leading Department to produce remarkable Electrical and Electronics Engineering scholars for the betterment of the society.”

MISSION

- Introducing value-based education and State-of-the-Art infrastructure facilities within the parameters of ethics.
- Interacting with industries and institutions to upgrade knowledge and understand current requirements and trends in technologies.
- Enhancing the research-oriented activities in socially prominent areas.
- Building up the overall career through impressive extra-academic activities.

This is the most recent newsletter from the Department of Electrical and Electronics Engineering. We are happy to announce the release of our twice-yearly newsletter, "SPARKS". We may communicate with our students, teachers, alumni, and business associates digitally through this newsletter. This newsletter will showcase the department's activities. It also updates readers on the latest happenings in the department, focusing on a range of activities like placement and staff and student accomplishments. We expect the department to take on new projects and achieve further success. Continue your quest for greatness. We would like to express our gratitude to all of the instructors, support personnel, and amazing students for their steadfast support.

EDITORIAL VOICE

Dr. R Arul Jose,
HoD, EEE
Prof. Prutha G,
Asst. Prof. EEE
Prof. Shwetha R,
Asst. Prof. EEE

STUDENT COORDINATOR

Asher Sumith, VIII EEE
Wanegaon Aditya Kumar ,VIII EEE
R Abhilash VI, EEE
Suhas H , VI, EEE



Dr. A. C. Shanmugam
B.A. L.L.B, FIMSA, FRCPS (Glasgow, U.K)
Chairman, RRG I



Sri. A.C.S.Arunkumar
B.Tech (Hons), LMISTE,MIET., (UK),LMCSI.,
Vice-Chairman RRG I



Dr. R Balakrishna
Principal, R.R.C.E.



Dr. R Arul Jose
Head, Department of EEE,
R.R.C.E.

Speak Up 1 Mock GD

Speak Up 1 Mock GD to be conducted on 2/11/2025 Saturday at 11:15 am onwards as Placement activity. For all 5th Semester students of Electrical and Electronics Engineering.



Bengaluru, Karnataka, India
Rajajeswari College Of Engineering College Block, Rajajeswari



Bengaluru, Karnataka, India



Bengaluru, Karnataka, India
Rajajeswari College Of Engineering College Block, Rajajeswari



GPS Map Camera



GPS Map Camera



Google

Bengaluru, Karnataka, India
Rajajeswari College Of Engineering College Block, Rajajeswari
College Of Engineering, Bengaluru, Karnataka 560074, India
Lat 12.886563° Long 77.449954°
Saturday, 22/11/2025 12:10 PM GMT +05:30

Event Coordinator: 1. Prof. Udhyami M B 2. Prof. Shwetha R

Outcome of the Event: The event was conducted morning 22nd of November 2025 where 3rd year Electrical and Electronics Engineering students took part for the event Speak Up 1 Mock GD.

Objectives: The Speak Up 1 Mock GD aims to All the students from 5th year students – 68 participated in the event very actively.

Workshop on “Data Analytics and Gen AI”

Organized by: Department of Robotics and Automation & Department of Electrical and Electronics Engineering,
Rajarajeswari College of Engineering

Date: 7th November 2025
Time: 11:00 AM – 12:30 PM
Venue: Aryabhata Seminar Hall, RRCE



The Department of Robotics and Automation, in association with the Department of Electrical and Electronics Engineering, is organizing an insightful workshop on “Data Analytics and Gen AI.” The session will provide students with valuable insights into emerging technologies, data-driven decision-making, and the transformative potential of Generative AI in modern industries.



Electric Vehicle Club

Electric Vehicle Idea Presentation



The event was conducted on 5th of December 2025 where all year students took part in Electric Club event for showcasing their project. It was very useful for them where they had a good experience and also, they did a nice presentation about them which gained a knowledge.

The event was conducted successfully and the students were also appreciated by trophy and also were given suggestion for how things has to be carried.

We had our Judge members as –

1. Dr. Vishwanath K C, Asso. Prof. Department of R & A
2. Dr. R Arul Jose, Asso. Prof. Department of EEE
3. Prof. Kiruthika K, Asst. Prof. Department of EEE



All the students from different branch and all year students has attended 26 teams has participated in the event very actively made the Electric Vehicle Show and Idea

“Innovex 2025” – College Level Project Exhibition

The Department of Electronics & Communication Engineering, in collaboration with AI&ML, CSE, CSE-IC, CSD, EEE, ISE, Robotics & Automation, and MCA, is organizing the College Level Project Exhibition – “Innovex 2025” on 05 December 2025.



The event will be held at Dr. APJ Abdul Kalam Hall from 09:30 AM, with Mr. Shivakumar P M, Senior Application Engineer at SAP Labs Bengaluru, as the Chief Guest.



We were honored by the presence of the Chief Guest, Mr. Shivakumar P. M, Senior Application Engineer, SAP Labs, Bengaluru, whose insightful address inspired students to align innovation with real-world applications



Mega Project Exhibition that showcased innovative and interdisciplinary student projects. The event highlighted creativity, technical excellence, and future-ready solutions across various engineering domains.

Seminar on “Impact of Higher Studies in India and Abroad”



Date : 19 August 2025

Time : 11:45 A.M

Venue : EEE Seminar Hall,RRCE



Resource Person : Mr.Vinay Raj,

Head of Mathematics Department,TIME Bangalore Pvt Ltd

The session offered valuable insights on higher education opportunities and career pathways in India & abroad. Students actively participated and benefited from the discussion

Higher education is not just about earning a degree, but about expanding horizons, building knowledge, and shaping the future — whether in India or abroad.”

Alumni Talk – “Wired for the Future” @ RRCE



Date : 17 October 2025

Time : 11:45 A.M

Venue : EEE Seminar Hall,RRCE



Resource Person: Ms. Bhavana Anupriya

QA Automation Engineer, Brisa Technologies Pvt. Ltd., Bengaluru

Alumina – Batch of 2015

The Department of Electrical and Electronics Engineering (EEE), Rajarajeswari College of Engineering, organized an inspiring Alumni Talk on the topic “Wired for the Future” on 17th October 2025.

The session offered valuable insights into career growth, emerging technologies, and the evolving landscape of automation in the engineering domain. It also served as an excellent platform for students to connect with their alumna and gain real-world perspectives.

BIM for Electrical Engineering

The event was conducted in the Morning session on 21st August 2025 where 3rd year Electrical and Electronics Engineering interested around 43 students took part for the workshop on BIM for Electrical Engineering.

Resource Person: Mr. Balu Krishna Murthy

Event Coordinator: 1. Dr. P Ebby Darney

2. Prof. Ramya R

3. Prof. Shwetha R



Enhance Design Accuracy and Quality: Precise 3D Modeling: Create detailed 3D models of electrical systems (wiring, fixtures, equipment) to ensure accuracy.

Improve Coordination and Collaboration: Interdisciplinary Integration: Facilitate seamless integration of electrical systems

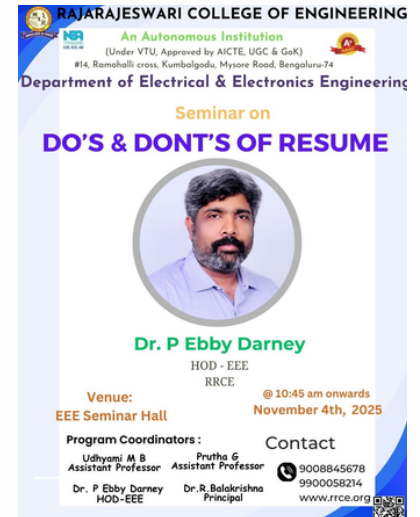
with architectural and structural designs, fostering collaboration among different project teams.

Data Management: Provide access to comprehensive, data-rich models for better tracking of progress, resource management, and project scheduling.

Visualization: Enable clear 3D visualization of designs, allowing engineers to understand and optimize electrical layouts and systems.



Do's and Don'ts of Resume



Resource Person:

Dr. P. Ebby Darney

Head of the Department, EEE

Date: 4th November 2025

Time: 10:45 AM onwards

Venue: EEE Seminar Hall

Seminar on “Do’s and Don’ts of Resume” to guide students in crafting effective and professional resumes.



The session aimed to equip students with practical insights and essential tips on resume building to enhance their career readiness.

TESLA 2K25



The Department of Electrical and Electronics Engineering, Rajarajeswari College of Engineering, Bengaluru, under the banner of the Student Association, is organizing a National Level Technical Symposium – “TESLA 2K25” themed “Transformerz – Get Magnetized” on November 18th & 19th, 2025 at Rajarajeswari College of Engineering.

This two-day event provides a platform for young innovators to showcase their creativity, technical skills, and innovative ideas.



Plantita – The Green Tots 2K25”



Theme: Adaptation of Plants and Organic Farming



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Planitia – The Green Tots 2K25 focused on the adaptation of plants and organic farming. The event was held on 3rd December 2025 at 12:15 PM in the EEE Department.

3rd December 2025
12:15 PM
EEE Department

Purpose: To analyze the principles of organic farming, its advantages and disadvantages, and its role in promoting sustainable agriculture focusing on its environmentally friendly practices, health benefits, and economic potential.



Overview: A brief summary of the plantita trend, why people are turning to plants for mental and physical health benefits, and the growing community around plant care. To examine the benefits of plant care, popular plant choices for beginners, best practices, and how plant enthusiasts support one another.

Heritage Walk with Craft- 2K25

“Craft Presentation”

Event Coordinator:

1. Prof. Prutha G
2. Prof. Kiruthika K

The event was conducted Afternoon on 26th of November 2025 where 3rd sem Electrical and Electronics Engineering students took part for the event Craft Presentation. Art is typically more focused on aesthetic expression, using media like painting, sculpture, photography, and digital mediums to convey an artist’s perspective, emotion, or commentary.



Craft: Craft focuses on creating items that are both beautiful and functional, often through skilled techniques passed down through generations. Examples include pottery, weaving, quilting, and woodworking. Craft emphasizes hands-on skills and often involves specific materials and traditional methods.

Cultural Significance: Art and craft often reflect cultural identities and values. In many societies, traditional crafts symbolize heritage and tell stories passed down through generations. For example, Native American pottery patterns reflect tribal histories, while Indian embroidery and fabric designs showcase regional diversity and traditions.



SCR Activity – “Beat the Heat –

5th November 2025,
12:00 PM onwards.

2K25”
Cooking without Fire

Event Coordinator:
1. Prof. Prutha G
2. Prof. Kiruthika K



The event was conducted Afternoon on 5th of November, 2025 where 2nd year Electrical and Electronics Engineering students took part for the event Cooking Without Fire. Cooking without fire is a fun and creative approach to food preparation. It encourages the use of fresh, raw ingredients and simple techniques, focusing on preserving natural flavors and nutrients. This method is great for young chefs, beginners, or anyone looking to make quick, easy, and healthy meals without the hassle of cooking.

All the students from 2nd year students– 62 participated in the event very actively made the Beat the heat-2K25 a grand success

SCR Activity – “Beat the Heat – 2K25”

5th November 2025,
12:00 PM onwards.

Cooking without Fire

Event Coordinator:
1. Prof. Prutha G
2. Prof. Kiruthika K

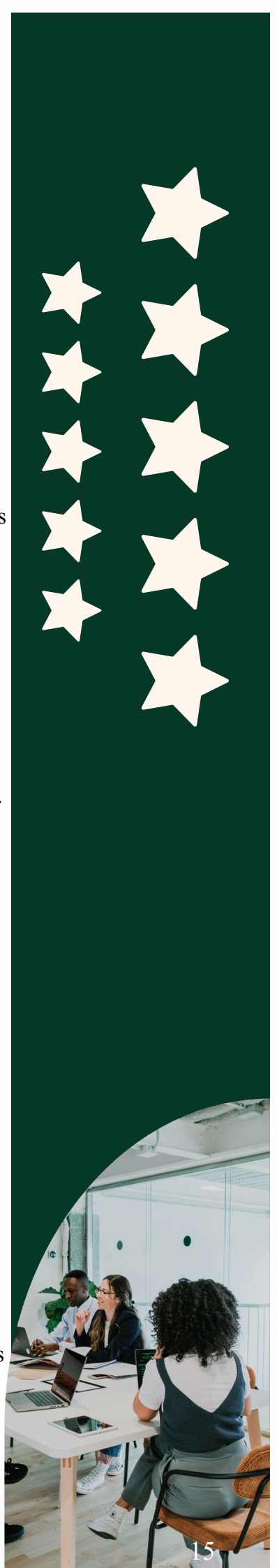


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Placement Details

1. ASHE SUMITH(1RR22EE006) placed in Code Young-International Sales Specialist.
2. DEEKSHITHA REDDY S--1RR22EE010 placed in Rinex Technology-Inside Sales Strategist.
3. G VISHNU DATTA (1RR22EE013) placed in Code Young-International Sales Specialist.
4. GURUKIRAN AL(RR23EE409) placed in Solar SGC Services-Account Specialist-10000/ month
5. JEEVAN P (1RR22EE014) placed in Solar Square-Solar Consultant.
6. LIKITH A 1RR22EE016 placed in Vibran Technologies-Embedded Hardware Design Engineer.
7. MAHAMMAD SUHEL(1RR23EE414) placed in CodeYoung-International Sales Specialist-
8. TABASSUM A (1RR22EE035) placed in Pursuit Future Technologies-Business Development Associate.
9. ASHER SUMITH(1RR22EE006) placed in Launched Global-Business Development Executive-
10. NITHIN A 1RR22EE019 placed in Pursuit Future Technologies-Business Development Associate
11. RAGINI SHARMA R (RR22EE023) placed in QSpiders-Software Test Engineer.
12. G VISHNU DATTA (1RR22EE013) placed in QSpiders-Software Test Engineer.
13. SPANDANA S S (1RR22EE031) placed in CodeYoung-Associate Customer Experience-
14. TABASSUM A (1RR22EE035) placed in Accenture Customer service Agent.
15. ASHER SUMITH(1RR22EE006) placed in Rinex Technology-Inside Sales Strategist
16. VIJAY KUMAR H K (1RR22EE038) placed in Pursuit Future Technologies-Business Development Associate-
17. ANILKUMAR(1RR23EE400) placed in Pursuit Future Technologies-Business Development Associate-
18. DEEKSHITHA TP(1RR23EE408) placed in Pursuit Future Technologies-Business Development Associate-
19. GURUKIRAN AL(RR23EE409) placed in Solar Square-Solar Consultant.
20. HAJILALSAB(1RR23EE410) placed in Pursuit Future Technologies-Business Development Associate.
21. ASHER SUMITH(1RR22EE006) placed in Pursuit Future Technologies-Business Development Associate.
22. MAHAMMAD SUHEL(1RR23EE414) placed in Pursuit Future Technologies-Business Development Associate
23. DEEKSHITHA REDDY S--1RR22EE010 placed in Rinex Pursuit Future Technologies Business Development Associate.



Student Achievement



Mr. Pavan B

Batch 2025

**Department of Electrical & Electronics
Engineering (EEE)**

**has secured a prestigious placement offer with a
CTC of 33 LPA at M/s. Storeys.**





JOURNALS AND CONFERENCES

STUDENT PUBLICATION

Chandana N , Naveen E , Thanushree S , Preksha D , Interactive Humanoid Robot For Human Assistance , International Journal of Creative Research Thoughts (IJCRT) Volume 13, Issue 12, ISSN : 2320-2882 , Journal ID: IJCRT2512360 , December 2025.

Mohith P, Nandini R , Rakshith Rao G , Rakshitha ,IOT BASED WATER POLLUTION MONITORING BOAT ,International journal of research publication and reviews(IJRPR) Volume 6, Issue 12, ISSN : 2582-7421 , Journal ID : IJRPR140071 , December 2025.

Ansh Honna Baswaraj , Jeevan M , Lakshya Yogendranath, Veena Patil , IOT-BASED SMART ENERGY METER MONITORING SYSTEM , International Journal of Creative Research Thoughts (IJCRT) Volume 6, Issue 12, ISSN : 2582-7421 , Journal ID: IJRPR-140183 , December 2025.

B Jnanesh, Vikram JR,Rakshita Mathad, Shaik Dilshad, Distribution Transformer Monitoring using GSM Technology,International journal of research publication and Reviews (IJRPR) Volume 6, Issue 12, ISSN : 2582-7421 , Journal ID : IJRPR-192493 .,December 2025.

Honneshwar , Nithin , B N Sai Teja , Srinivasa H Safe Kitchen: An IoT-Enabled Microcontroller-Based ySmart Kitchen Alert System International Journal of Research Publication and Reviews (IJRPR) Volume 6, Issue 12, ISSN : 2582-7421 , Journal ID: IJRPR-140183 , December 2025.

Chandana B.S, Varsha P.V, Vishwanath J, Yashwanth G.N , Battery safety systems in electric vehicles using IOT technology, international journal of research publication and reviews (IJRPR) Volume 6, Issue 12, ISSN: 2582-7421, Journal ID: IJRPR - , December 2025.

Maheshwara E,Manya M S,Venkatesh belvinal,vinay H M, Arduino based:Mini satellite weather monitoring system, international journal of research publication and reviews (IJRPR) ,Volume 1, Issue 7,ISSN: 2582-7421,Journal ID:IJRPR-140145,December 2025.

Chandana H, Divyashree, N Meghana, Tejaswini C, Smart Python Surveillance System, International Journal of Research Publication and Reviews (IJRPR) Volume 6, Issue 12, ISSN 2582-7421, Journal ID: IJRPR -57253 , December 2025.

Priya G, Gowthami N M, Mahathi V, and Mohan R, International Journal for Multidisciplinary Research (IJFMR) Volume 7, ISSN: 2582-2160, Journal ID: IJFMR- 62370, December 2025

Sona, Tejashwini M S , Vaishnavi V, Syeda uzma, SELF DRIVING CAR USING LIDER SENSOR, International journal of research publication and reviews(IJRPR) Volume 6, Issue 12, ISSN : 2582-7421 , Journal ID : IJRPR-140228 , December 2025.

NAVEENA, POORNIMA G N, RAMESH V K, SRIKANTH BADIGERA,“PRIORITY BASED AUTOMATIC LOAD SHEDDING SYSTEM”

International journal of research publications and reviews(IJRPR) Volume 6, Issue 12, ISSN: 2582-7421, Journal ID: IJRPR139997, December 2025.

•Dakshayani M, Gagana C, Roopa R and Varshitha H G, "Hybrid Ceiling Fan Energy Recovery System" in "International Journal Of Research Publication" and Review(IJRPR) , Volume 6, Issue 12 ISSN 2582-7421, Journal ID : IJRPR-193177,December 2025

Darshan U, Hemanth Gowda R, Manya Raj, Meghan Gowda B S, “SMART FOGPONICS GARDENING SYSTEM IN URBAN CITIES” International Journal of Research Publications and reviews (IJRPR), Volume 6, Issue 12, ISSN: 2582-7421, Journal ID: IJRPR140126, December 2025.

Anagha Bhat, Vaishnavi S, Eshwari and Sangeeta, "Smart mirror" in "International Journal Of Research Publication" and Review(IJRPR) , Volume 6, Issue 12 ISSN 2582-7421, Journal ID : ,December 2025



JOURNALS AND CONFERENCES

FACULTY PUBLICATION

Prof. Shivalingaiah K L, Distribution Transformer Monitoring using GSM Technology, International journal of research publication and reviews(IJRPR) Volume 6, Issue 12, ISSN : 2582-7421 , Journal ID : IJRPR-192493 , December 2025.

Kiruthika K , IOT-BASED SMART ENERGY METER MONITORING SYSTEM , International Journal of Creative Research Thoughts (IJCRT) Volume 6, Issue 12, ISSN : 2582-7421 , Journal ID: IJRPR-140183 , December 2025.

Prof. Shivalingaiah K L, "PRIORITY BASED AUTOMATIC LOAD SHEDDING SYSTEM" International journal of research publications and reviews(IJRPR) Volume 6, Issue 12, ISSN: 2582-7421, Journal ID: IJRPR139997, December 2025.

Nandini N , "Hybrid Ceiling Fan Energy Recovery System" in "International Journal Of Research Publication" and Review(IJRPR) , Volume 6, Issue 12 ISSN 2582-7421, Journal ID : IJRPR-193177, December 2025

Avinash C M, SELF DRIVING CAR USING LIDER SENSOR, International journal of research publication and reviews(IJRPR) Volume 6, Issue 12, ISSN : 2582-7421 , Journal ID : IJRPR-140228 , December 2025A.

Prof. Prutha G, "Smart Python Surveillance System" , International Journal of Research Publication and Reviews (IJRPR) Volume 6, Issue 12, ISSN 2582-7421, Journal ID: IJRPR -57253 , December 2025.

Udhyami M B, IOT BASED WATER POLLUTION MONITORING BOAT , International journal of research publication and reviews(IJRPR) PVolume 6, Issue 12, ISSN : 2582-7421 , Journal ID : IJRPR140071 , December 2025.

Prof. Udhyami M Safe Kitchen: An IoT-Enabled Microcontroller-Based ySmart Kitchen Alert System International Journal of Research Publication and Reviews (IJRPR) Volume 6, Issue 12, ISSN : 2582-7421 , Journal ID: IJRPR-140183 , December 2025.

Shwetha R, International Journal for Multidisciplinary Research (IJFMR) Volume 7, ISSN: 2582-2160, Journal ID: IJFMR- 62370, December 2025.

Prof. Prutha G "SMART FOGPONICS GARDENING SYSTEM IN URBAN CITIES" International Journal of Research Publications and reviews (IJRPR), Volume 6, Issue 12, ISSN: 2582-7421, Journal ID: IJRPR140126, December 2025.

Shwetha R , Interactive Humanoid Robot For Human Assistance , International Journal of Creative Research Thoughts (IJCRT) Volume 13, Issue 12, ISSN : 2320-2882 , Journal ID: IJCRT2512360 , December 2025.

Ramya R, Arduino based: Mini satellite weather monitoring system, international journal of Creative Research Thoughts (IJCRT), Volume 6, Issue 12, ISSN: 2582-7421, Journal ID: IJRPR-1401451 December 2025



Patents



"Patents add the fuel of interest to the fire of genius." —
Abraham Lincoln

- Dr. P Ebby Darney, HOD and Professor has got a grant on patent AI-Enhanced IOT system for Autonomous Smart home Energy control, December 2024.
- Dr. P Ebby Darney, HOD and Professor has got a grant on patent, IOT Connected Smart Surveillance Drone with AI Powered Threat Detection ,January 2025.
- Dr. P Ebby Darney, HOD and Professor has got a grant on patent, ML Driven IOT Platform For personalized Health Monitoring and Predictive Diagnosis Detection ,January 2025
- Dr. R.Arul jose, Associate Professor has got a grant on patent AI-Enhanced IOT system for Autonomous Smart home Energy control, December 2024.
- Dr. R.Arul jose, Associate Professor has got a grant on patent Voice-Activated Mobile Device, January 2024.
- Dr. R.Arul jose, Associate Professor has got a grant on patent System and Method for Block Chain-Based Credibility Verification of Internet of Things (Iot) Entities, September 2024.
- Associate Professor has got a grant on patent MI-Driven IOT platform for personalized health monitoring and predictive diagnosis, January 2025.
- Prof. Sincy Elezebeth Kuruvilla, Assistant Professor has got a grant on patent AI-Enhanced IOT system for Autonomous Smart home Energy control, December 2024.
- Prof.Avinash C M Assistant Professor, Associate Professor has got a grant on patent AI-Enhanced IOT system for Autonomous Smart home Energy control, December 2024.





Sports Updates



OUR STUDENTS EVEN PARTICIPATED IN VTU INTRA COLLEGE EVENTS AND WON PLACES AND GOT SELECTION OF NATIONAL LEVEL .

CHAMPION



Our students Participated in many events during sports day conducted in college and won many places and also participated in many events and made proud by our students



Cultural Fest- Kalasourabha 2k25



The Cultural Fest "Kalasourabha 2k25" showcased diverse cultural events like music, dance, drama, and fashion. RRCE students participated with enthusiasm, blending technical skill and artistic flair.

Fashion Walk Victory:

The Fashion Walk was a highlight, with RRCE's team winning the top prize. Their innovative designs and confident presentation impressed both the audience and judges, combining style, elegance, and cultural relevance.



Success in Multiple Events:

Beyond the Fashion Walk, RRCE students excelled in various other competitions, including group dances, Poetry, Eassy, Pot breaking, Instareels. Their talent and dedication were evident, contributing to their overall success at the fest.

