



RAJARAJESWARI COLLEGE OF ENGINEERING NEWS LETTER



ELECTRICAL AND ELECTRONICS ENGINEERING SPARKS 2025-26 (EVEN 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 will 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

Your paragraph text

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
HoD, Department of EEE, R.R.C.E.

Department Over View

The department was established in the year of 2006 with an intake of 60. The department has well equipped laboratories to fulfill the needs of syllabus. The students of this department have consistently performed well in the university examinations.

The Students are encouraged to update their knowledge by regularly attending workshops, seminars, conference etc. The department is conducting various events like workshops, technical seminars, expert lectures FDPs etc. to meet the needs of today's competitive world.

The course career paths followed are diverse ranging from electronic product design to heavy electrical plant maintenance, from research to production, from technical focus to customer focus.

Programs Offered:*

- *B.E. in Electrical and Electronics Engineering*

Eligibility:

- Passed 10+2 with relevant subjects and obtained at least 45% marks (40% for reserved categories).
- Passed a minimum 3-year diploma examination with at least 45% marks (40% for reserved categories).

Need and Scope of the Program:

Electrical engineering is foundational to modern technology and industry, encompassing areas from power generation to renewable energy and automation. EEE graduates find opportunities in diverse sectors such as power generation, transmission, and distribution, maintenance and control of electrical drives, and emerging fields like electric vehicles and smart manufacturing.

Career Opportunities:

EEE graduates are equipped for various career paths including research, product design, plant maintenance, and technical roles. They possess a deep understanding of engineering principles and practical experience, making them valuable contributors in fields like power generation, renewable energy, and industrial automation.

Industry Tie-ups:

The department has strong industry connections, offering students:

- Internship opportunities with leading companies
- Certificate courses designed by industry experts
- Collaborative research projects
- Industry-embedded curriculum
- Expert-led seminars and webinars
- Networking platforms for career development

Placement Highlights:

The department boasts successful placements in top companies such as Honeywell, Foxconn, Schneider, and more, reflecting the quality and industry-relevant training provided.

Key Features:

- Latest technology certificate courses
- Up-skilling opportunities
- Seminars and webinars on current technologies
- 100% internship assistance in core industries

Guest Lecture on “Modern Methodology for Product Development”

Date: 06 February 2026

Venue: Aryabhatta Seminar Hall

Resource Person:

Mr. Kotresh Mundrungi

Director, Indian Tech-Keys, Bengaluru



 **RAJARAJESWARI**
COLLEGE OF ENGINEERING
An Autonomous Institution
Under VTU, Approved by AICTE, UGC & GoK
No. 14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru - 560074

Department of Electrical and Electronics Engineering
Organizing a Guest Lecture on

'Modern Methodology for Product Development'

 **Resource person:**
Mr. Kotresh Mundrungi
Director
Indian Tech - Keys
Bengaluru

Date: 06-02-2026
Timings - 11:00 AM - 12:30 PM Venue - Aryabhatta Seminar Hall

Coordinators: Ms. Nandini N & Avinash C M, Asst. Professors

Dr. P. Ebby Darney Dean Student Affairs	Dr. Arul Jose HoD - EEE	Dr. R. Balakrishna Principal
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Contact Us  www.rrce.org  **9008845678**
 admission@rrce.org  **9900058314**

The Department of Electrical and Electronics Engineering, RRCE successfully organized a guest lecture on “Modern Methodology for Product Development.” The session was delivered by Mr. Kotresh Mundrungi, Director, Indian Tech-Keys, Bengaluru, who shared valuable industry insights on modern product development methodologies, innovation practices, and real-world applications. The interactive discussion and practical perspectives made the session highly engaging and beneficial for students.



EVISION 2K26 – ELECTRIC VEHICLE CLUB PROJECT EXPO

Date: 18th May 2026

Time: 11:00 AM to 12:00 PM

Venue: EEE Department, RRCE



The event showcased innovative student projects and ideas related to Electric Vehicles, Automation, Smart Mobility, and Sustainable Technologies. Students enthusiastically demonstrated their technical creativity and innovative solutions during the expo.



ALUMNI TALK ON “CAREER PATH FOR ELECTRICAL ENGINEERS”

Resource Person: Mr. N. Santoshakumara
Alumni – Batch 2017–2021

Date: 14th March 2026
Time: 11:30 A.M. – 12:30 P.M.
Venue: Aryabhata Seminar Hall, RRCE



Software Integration & Diagnostic Testing Engineer, Tata Consultancy Services



An Alumni Talk on “Career Path for Electrical Engineers” is organized by the Department of Electrical and Electronics Engineering at Rajarajeswari College of Engineering. The session is delivered by N. Santoshakumara, an alumnus of the 2017–2021 batch and a Software Integration & Diagnostic Testing Engineer at Tata Consultancy Services. The talk is held on 14 March 2026 from 11:30 A.M. to 12:30 P.M. at the Aryabhata Seminar Hall

“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.



UHV Activities

Technology shapes the future, but values shape humanity. Let us strive to become engineers who contribute not only through innovation but also through compassion, integrity, and responsibility."

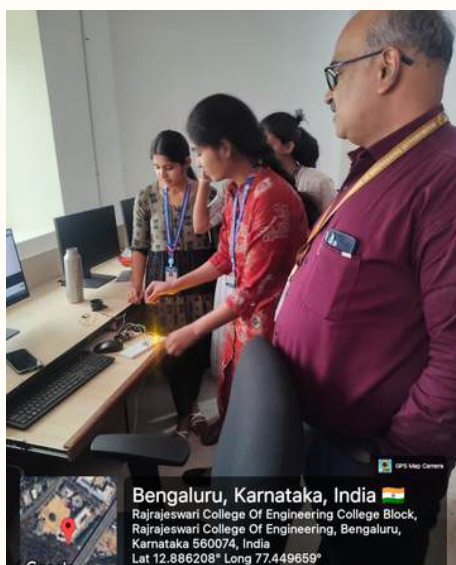
"Right Understanding • Right Relationships • Right Prosperity • Right Participation"



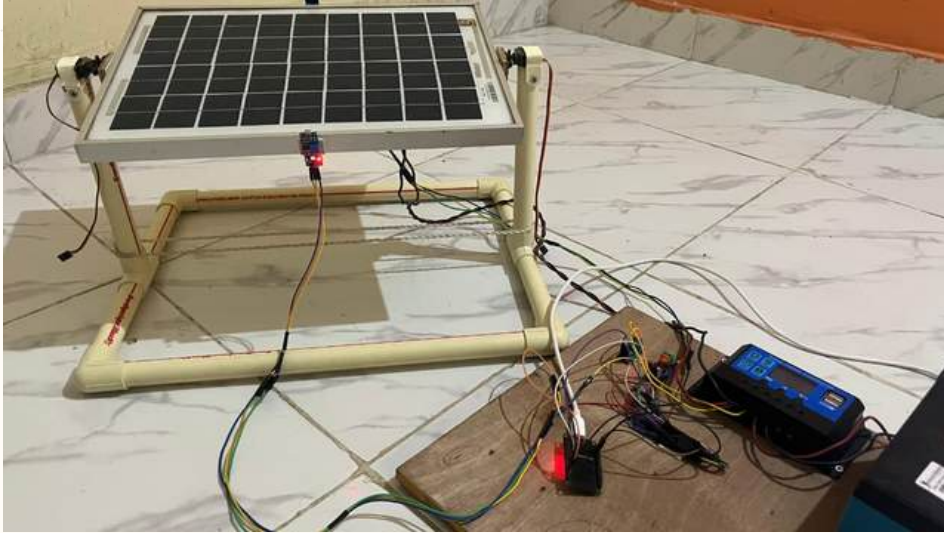
5-Day Workshop on Embedded System Design Using Arduino



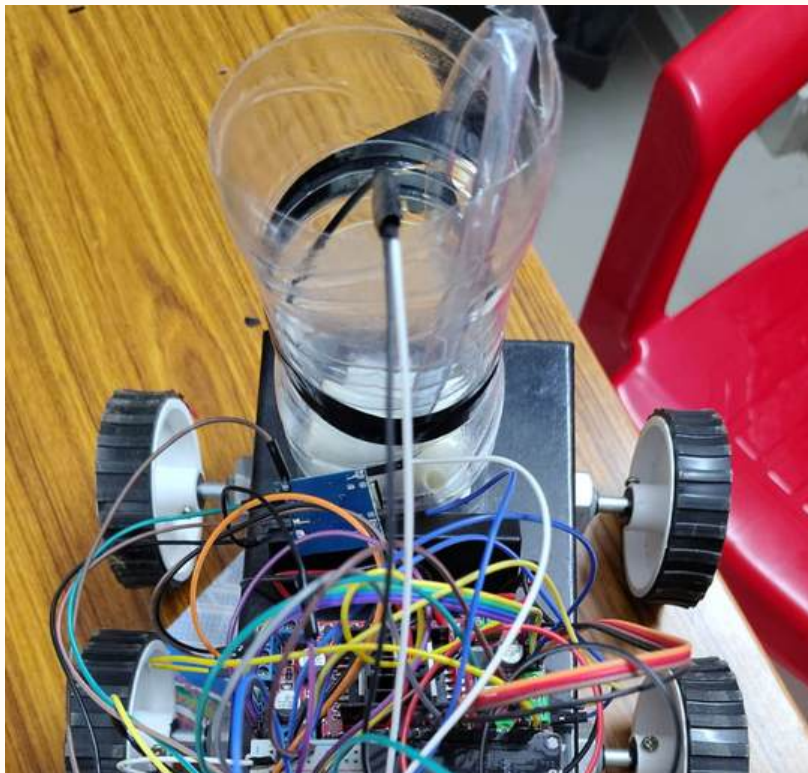
A 5-Day Workshop on "Embedded System Design Using Arduino" was conducted by Dr. R. Arul Jose, provides hands-on training on Arduino programming, sensor interfacing, actuator control, and embedded system development. The workshop was coordinated by Mrs. Prutha G., Assistant Professor, and Mrs. Kiruthika K., Assistant Professor. The program enhanced students' practical skills and fostered innovation in embedded systems and IoT applications.



RENEWABLE IDEATHON

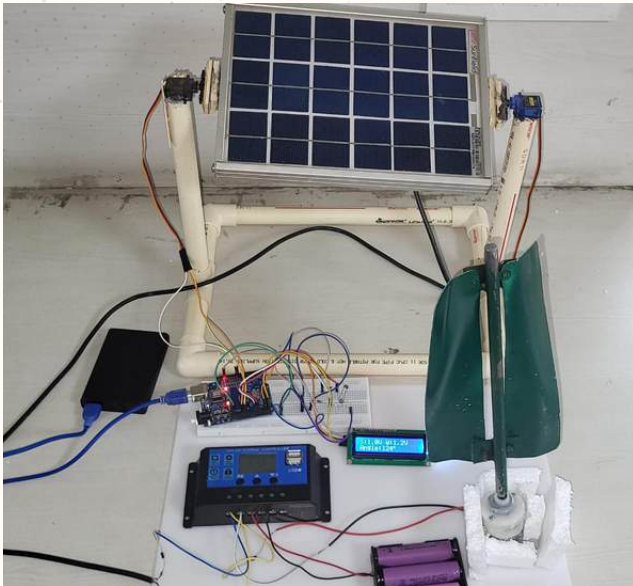


PWM Technique Solar tracking and monitoring system using IoT

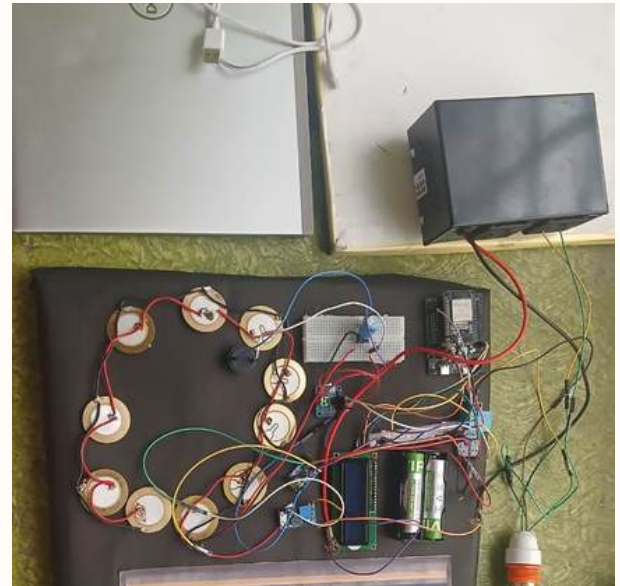


The robot is built on a four-wheel mobile chassis that enables it to move across farmland while carrying a water reservoir mounted on its top.

RENEWABLE ENERGY IDEATHON



This project is a Dual Power Generation System using Solar Tracking and Wind Energy. It generates electricity from both solar and wind sources to provide a reliable and continuous power

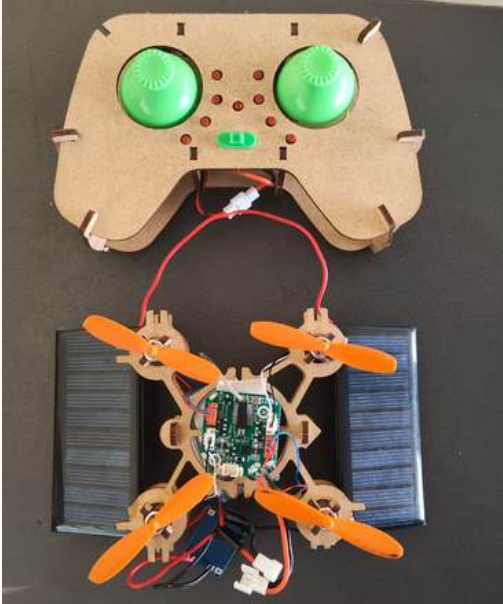


Piezoelectric Energy Harvesting System for Metro Station Application is a renewable energy project that converts mechanical energy from human footsteps into electrical energy using piezoelectric sensors.



The Smart City Management with Pollution and Smart Lighting System is an IoT-based prototype developed using an ESP32 microcontroller to enhance urban sustainability, energy efficiency, and environmental safety

RENEWABLE ENERGY IDEATHON



A Solar Drone is an unmanned aerial vehicle (UAV) that uses solar panels to convert sunlight into electrical energy, which powers the drone and charges its battery. This allows the drone to fly for long durations with minimal dependence on external charging.



Biogas Generation Using Kitchen Waste:
Designed a system to convert kitchen waste into biogas using anaerobic digestion, producing clean renewable energy. It also reduces organic waste and generates eco-friendly organic fertilizer.



KSCST SPP 2025-26 ACHIEVEMENT BY EEE STUDENTS

Rajarajeswari College of Engineering proudly congratulates the students and faculty of the Department of Electrical and Electronics Engineering (EEE) on the remarkable achievement of securing funding for eight student projects under the prestigious 49th Series of the Karnataka State Council for Science and Technology (KSCST) Student Project Programme (SPP) 2025–26.

S.No	Title of the Project	Name of the Supervisor	Name of the student
1	Nexus Elite Vehicle Wash	Prof. Sincy Elezebeth Kuruvilla	G Vishnu Datta, Asher Sumith, Jeevan P, Lithish M R
2	Silkworm Monitoring for Real-Time Growth and Silk Production	Prof. Shwetha R, Prof. Udhyami	Anilkumar, Spandana S S, Mahammad Suhel
3	Smart Organ Transport System with Real-Time Monitoring and GPS Tracking using Quadcopter	Dr. R Arul Jose	Deekshitha Reddy S, C Vinod Kumar, Mallikarjuna K M, Sameer Basha
4	Design and Development of Peltier module to Generate Electric Power	Prof. Nandini N	Likitha, Nithin A, Bharath N J, Vijaykumar H K
5	Prosthetic Hand for Physically Challenged People	Prof. Nandini N	Srivathsan N, Shreyas K S, Yashas B
6	Multitudinous Electric Eye using Raspberry Pi in Defence	Prof. Prutha G	Prajwal L, Chidhanandaswami, Chandana N, Thejaswini N
7	Smart Automatic Walking Bridge with RFID Access and Voice Assistance for Railway Station	Prof. Shwetha R	Tabassum, Anusha M, Divya D, Kirana J
8	Object Sorting Conveyor using Delta PLC	Prof. Ramya R	Punith Kumar G, Likith P, Sandeep B M, Mani Deepak S

Faculty Spotlight

Dr. R. Arul Jose

Associate Professor & Head of the Department

Department of Electrical and Electronics Engineering

Apart from his academic responsibilities, he serves as the MSME Incubation Manager, Skill Lab Coordinator, and ISO Coordinator, contributing significantly to institutional development and fostering a culture of innovation and quality.

"Leading with Knowledge, Inspiring Innovation, and Empowering Future Engineers."



Workshop on Industrial Applications of Arduino

The Department of Electrical and Electronics Engineering, Renganayagi Varatharaj College of Engineering, organized a workshop on "Industrial Applications of Arduino" conducted by Dr. R. Arul Jose and Dr. P. Ebby Darney. The session introduced participants to Arduino programming, sensor interfacing, industrial automation, and IoT applications through hands-on demonstrations, helping students gain practical skills in embedded systems and real-world industrial applications.



Workshop on Embedded System Design Using Arduino

The Department of Electrical & Electronics Engineering, ACS College of Engineering, successfully organized a Workshop on "Embedded System Design Using Arduino." The workshop was conducted by Dr. R. Arul Jose, who provided hands-on training on Arduino programming, sensor interfacing, actuator control, and embedded system development.

5-Day Workshop on Embedded System Design Using Arduino

Dr. P. Ebby Darney, Professor of Electrical and Electronics Engineering & Dean-Student Affairs, has over 19 years of teaching experience and 12+ years of academic leadership. His expertise includes Artificial Intelligence, IoT, Smart Grids, Power Quality, and Sustainable Energy Systems.

A dedicated academician and mentor, he has conducted numerous workshops, Faculty Development Programmes (FDPs), and technical training sessions on AI, IoT, Arduino, Embedded Systems, and Smart Energy Technologies, equipping students and faculty with practical, industry-relevant skills. His leadership continues to foster innovation, research, and academic excellence within the department.



NPTEL Course Completions

The Department of Electrical and Electronics Engineering congratulates our students for successfully completing NPTEL certification courses offered during the semester. These courses enhanced their knowledge in core engineering subjects, programming, data science, and emerging technologies through self-paced online learning.

NPTEL Course	NPTEL Course	Duration	Result	
Data Analytics with Python	Nandini R	12 weeks	Elite	
Network security	Chandana K R	12 weeks	Elite	
CMOS Digital VLSI Design	Mohan R	8 weeks	Successfully completed	

Placement Details

Asher Sumith (1RR22EE006) placed in CodeYoung.

G Vishnu Datta (1RR22EE013) placed in CodeYoung.

Spandana SS (1RR22EE031) placed in CodeYoung.

Mohammed Suhel (USN Not Found) placed in CodeYoung.

Asher Sumith (1RR22EE006) placed in LaunchEd Global.

Asher Sumith (1RR22EE006) placed in Rinex Technologies Pvt Ltd.

Deekshitha Reddy S (1RR22EE010) placed in Rinex Technologies Pvt Ltd.

Chandana N (1RR23EE407) placed in Rinex Technologies Pvt Ltd.

Gurukiran A L (1RR23EE409) placed in Solar Square.

Jeevan P (1RR22EE014) placed in Solar Square.

Ragini Sharma (1RR22EE023) placed in Q-Spiders (Aunit Test Yantra Software Solutions pvt ltd).

G Vishnu Datta (1RR22EE013) placed in Q-Spiders (Aunit Test Yantra Software Solutions pvt ltd).

Tabassum (1RR22EE035) placed in Pursuit Future Technologies.

Nithin A (1RR22EE019) placed in Pursuit Future Technologies.

Vijay Kumar H K (1RR22EE038) placed in Pursuit Future Technologies.

Hajilalsab (1RR23EE410) placed in Pursuit Future Technologies.

Deekshitha TP (1RR23EE408) placed in Pursuit Future Technologies.

Anilkumar (1RR23EE400) placed in Pursuit Future Technologies.

Mahammad Suhel (1RR23EE414) placed in Pursuit Future Technologies.

Tabassum (1RR22EE035) placed in Accenture.

Gurukiran A L (1RR23EE409) placed in SGC Services.

Likith A (1RR23EE016) placed in Vibran Technologies.

Aditya R W (1RR22EE039) placed in ASSA ABLOY.

Ullas U (1RR22EE037) placed in Tejas Networks.

Basavaraj (1RR22EE007) placed in Stellantis Avtec Powertrain India Pvt Ltd.

Chandana N (1RR23EE407) placed in Stellantis Avtec Powertrain India Pvt Ltd.

Arunkumar (1RR22EE005) placed in Stellantis Avtec Powertrain India Pvt Ltd.

Pavan Kumar R L (1RR22EE020) placed in Stellantis Avtec Powertrain India Pvt Ltd.

Subhash G (1RR22EE033) placed in Stellantis Avtec Powertrain India Pvt Ltd.

Akash Belakud (1RR22EE002) placed in Stellantis Avtec Powertrain India Pvt Ltd.

Yashas B (1RR22EE040) placed in Stellantis Avtec Powertrain India Pvt Ltd.

G Vishnu Datta (1RR22EE013) placed in PACE Digitek Infra Pvt Ltd.

Kirana J (1RR22EE015) placed in PACE Digitek Infra Pvt Ltd.

BM Darshan (1RR22EE402) placed in PACE Digitek Infra Pvt Ltd.

Prem Kumar M (1RR22EE420) placed in PACE Digitek Infra Pvt Ltd.

Vijay Kumar H K (1RR22EE038) placed in Zenvexa Tech Solutions Pvt Ltd.

Mahammed Suhel (USN Not Found) placed in Zenvexa Tech Solutions Pvt Ltd.

Mallikarjun KM (1RR22EE415) placed in Zenvexa Tech Solutions Pvt Ltd.

Anilkumar (1RR23EE400) placed in Zenvexa Tech Solutions Pvt Ltd.

Prajwal RJ (1RR22EE021) placed in Zenvexa Tech Solutions Pvt Ltd.

Chinmay Swaroop CP (1RR22EE009) placed in Tejas Networks.

Lithish M R (USN Not Found) placed in AccuTech Power Solutions Pvt Ltd.

G Vishnu Datta (1RR22EE013) placed in AccuTech Power Solutions Pvt Ltd.

Chinmay Swaroop CP (1RR22EE009) placed in Shindengen.

JOURNALS AND CONFERENCES

FACULTY PUBLICATION

- C. M. Avinash “Solar Powered Water Sprinkler Bot Using Wifi Controller,” International Journal of Research Publication and Reviews, vol. 7, no. 6, pp. 2407–2412, Jun. 2026.
- Kiruthika K, "Smart Solar PV Panel Cleaning and Cooling System" ISSN 2582-7421@2026
- Shivalingaiah K. L., PWM Technique Solar Tracking and Monitoring System Using IoT," International Journal of Research Publication and Reviews, May 2026, ISSN 2582-7421.
- Udhyami M B, “Solar Powered Water Sprinkler Bot Using Wifi Controller,” International Journal of Research Publication and Reviews, vol. 7, no. 6, pp. 2407–2412, Jun. 2026.
- Udhyami M B, “Gesture Controlled Missile Launch Using Arduino And Zigbee”, International Journal of Advanced Computational Engineering and Networking, ISSN(p): 2320-2106, ISSN(e): 2321-2063 Volume-13, Issue-1, Jan2025.
- “Gesture Controlled Missile Launch Using Arduino And Zigbee”, International Journal of Advanced Computational Engineering and Networking, ISSN (p): 2320-2106, ISSN (e): 2321-2063 Volume-13, Issue-1, and Jan2025.
- Prutha G, “Gesture Controlled Missile Launch Using Arduino And Zigbee”, International Journal of Advanced Computational Engineering and Networking, ISSN(p): 2320-2106, ISSN(e): 2321-2063 Volume-13, Issue-1, Jan2025.
- Udhyami M B, “Dual source Renewable Power Generation using Solar & Piezoelectric”, International Journal for Research Trends and Innovation Volume 10, ISSN: 2456-3315, Issue 5 May 2025.
- Udhyami M B, "Dual source Renewable Power Generation using Solar & Piezoelectric", 2025 IJRTI | Volume 10, Issue 5 May 2025 | ISSN: 2456-3315, Article id : IJRTI2505196, ISSN ONLINE: 2456-3315.

JOURNALS AND CONFERENCES

FACULTY PUBLICATION

- Shwetha R, "Solar Powered Air Quality Monitoring System for Real time Pollution Tracking", International Journal of Creative Research Thoughts (IJCRT) ,Volume 13 Issue 5 286427 P, Paper ID:IJCRT25A5392, E-ISSN: 2320-2882, March-April 2025.
- Prof. Prutha, "Solar Powered Rescue Truck", International Journal of Innovative Science and Research Technology (IJISRT) Volume 10, Issue 5, May – 2025, Paper ID: IJISRT25MAY1827, E-ISSN: 2456-2165, MAY 2025, Crossref DOI: <https://www.ijisrt.com/solar-powered-rescue-truck>.
- Dr. P Ebby Darney, "A Study on Organizational Development in the Hospital Sector Through the Adoption of Excellent Hrm Practices", Journal of Management (JOM) Volume 12, Issue 1, , pp. 1-21, Article ID: JOM_12_01_001, ISSN Print: 2347-3940, ISSN Online: 2347-3959, Journal, January 2025.
- Dr. P Ebby Darney, "Discovering Varieties of Teaching Methodologies and Ways to Make Them Understand Better", International Education & Research Journal [IERJ], E-ISSN No: 2454-9916, Volume: 11, Issue: 1, January 2025.
- Dr. P Ebby Darney, "A Study on Organizational Development in the Hospital Sector Through the Adoption of Excellent Hrm Practices", Journal of Management (JOM) Volume 12, Issue 1, , pp. 1-21, Article ID: JOM_12_01_001, ISSN Print: 2347-3940, ISSN Online: 2347-3959, Journal, January 2025.
- Dr. P Ebby Darney, "Discovering Varieties of Teaching Methodologies and Ways to Make Them Understand Better", International Education & Research Journal [IERJ], E-ISSN No: 2454-9916, Volume: 11, Issue: 1, January 2025.

JOURNALS AND CONFERENCES

STUDENT PUBLICATION

- Honneshwar B., B. N. Sai Teja, M. Rakshith Yadav, and Srinivasa H. S., "Piezoelectric Energy Harvesting System for Metro Station Application," International Journal of Research Publication and Reviews, May 2026, ISSN 2582-7421.
- B Jnanesh Vikram J R Shaik Dilshad Rakshitha mathad "Smart Solar PV Panel Cleaning and Cooling System" ISSN 2582-7421@2026
- Ansh Honna Baswaraj, Jeevan M., Lakshya Yogendranath, and Veena Patil, "Dual Power Generation Solar Tracking Windmill," International Journal of Research Publication and Reviews, May 2026, ISSN 2582-7421.
- Naveena, Poornima G. N., Ramesh V. K., and Srikantha Badigera, "PWM Technique Solar Tracking and Monitoring System Using IoT," International Journal of Research Publication and Reviews, May 2026, ISSN 2582-7421.
- Prof. Prutha G., Hemanth Gowda R., Vishwanath J., and Meghan Gowda B. S., "Solar Airbus Zephyr," International Journal of Research Publication and Reviews, May 2026, ISSN 2582-7421.
- Naveen E., Chandana N., Thanushree S., and Preksha D., "Pre-Crash System Including Landslide and Fog Alert for Vehicles at Deep Curves," International Journal of Research Publication and Reviews, Dec. 2025, ISSN 2320-2882.
- Sushma L., Shobhitha N., Deekshitha T. P., and Arpitha M., "Advanced Neonatal Incubator Utilizing IoT for Continuous Monitoring," International Journal of Research Publication and Reviews, Nov.–Dec. 2025, E-ISSN 2582-2160.
- Prof. Prutha G., Madhusudhan Bridar, Ragini Sharma, Sampras Angelo, and Aditya Rajkumar, "MEGA-A-E-Tron: Hybrid Ground and Aerial Surveillance Bot for Defence," International Journal of Research Publication and Reviews, Dec. 2025, ISSN 2582-7421.
- B. Jnanesh, Vikram J. R., Rakshita Hanamant Mathad, and Shaik Dilshad, "Smart Solar PV Panel Cleaning and Cooling System," International Journal of Research Publication and Reviews, May 2026, ISSN 2582-7421.
- Chandana H., Divyashree N., N. Meghana, and Tejaswini C., "Smart Python Surveillance System," International Journal of Research Publication and Reviews, Dec. 2025, ISSN 2582-7421.

JOURNALS AND CONFERENCES

STUDENT PUBLICATION

- Bharath N J, Likith A, Nithin A, Vijay Kumar H K, "Solar Canal System", International Journal for Research (IJRASET) Volume 13, Issue V, PAPER ID: IJRASRT71626, May 2025, Crossref DOI: <https://doi.org/10.22214/ijraset.2025.71626>.
- Thambara Selva S., Kumar Sagar A., Mohammed Asim H., and Tejas Gowda M. L., "Smart Grid Fault Detection and Monitoring System Using Raspberry Pi and IoT," International Journal of Research Publication and Reviews, Nov. 2025, ISSN 2582-7421.
- Chandan N. and Bharath Kumar C., "Automatic Load Sharing of Transformer Using Fuzzy Logic in Distributed Generation Environment," International Journal of Research Publication and Reviews, Dec. 2025, ISSN 2582-7422.
- Chidanandaswamy, Prajwal L., Chandana N., and Thejanswini N., "Multitudinous Electric Eye Using Raspberry Pi in Defence," International Journal of Research Publication and Reviews, Nov. 2025, ISSN 2582-7421.
- Asher Sumith, G Vishnu Datta, Jeevan P, Lithish M R, "Real Time Detection and Alerting System for LPG Gas Leakage with Weight-Based Consumption Tracking", International Journal for Multidisciplinary Research (IJFMR) Volume 7, Issue 2, 43775-P, Paper ID: IJFMR250243775, E-ISSN: 2582-2160, March-April 2025, Crossref , DOI: <https://doi.org/10.36948/ijfmr.2025.v07i03.43775>
- Deekshitha Reddy S, C Vinod Kumar, Sameer Basha, Mallikarjuna KM, "SOLAR POWERED IOT BASED AUTOMATED ELECTRIC FENCING AND INTRUSION ALERT SYSTEM", International Journal of Multidisciplinary Research in Science, Engineering and Technology (IJMRSET) Volume 8, Issue 5, May 2025, E-ISSN:2582-7219, MAY-2025, Crossref DOI: 10.15680/IJMRSET.2025.0805224.
- Pavan B R, Prem Kumar M, Santhosh M, "Dual source Renewable Power Generation using Solar & Piezoelectric", 2025 IJRTI | Volume 10, Issue 5 May 2025 | ISSN: 2456-3315, Article id: IJRTI2505196, ISSN ONLINE: 2456-3315.
- Anilkumar, Spandana Shetty, Mohammed Suhel, "Solar Powered Air Quality Monitoring System for Real time Pollution Tracking", International Journal of Creative Research Thoughts (IJCRT), Volume 13 Issue 5 286427 P, Paper ID: IJCRT25A5392, E-ISSN: 2320-2882, March-April 2025
- Ragini Sharma, Aditya Wanegaon, Madhusudan Bridar, Sampras Angelo, "Solar Powered Rescue Truck", International Journal of Innovative Science and Research Technology (IJISRT) Volume 10, Issue 5, May – 2025, Paper ID: IJISRT25MAY1827, E-ISSN: 2456-2165, MAY 2025, Crossref DOI: <https://www.ijisrt.com/solar-powered-rescue-truck>.



Patents

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

- Dr. P Ebby Darney, Professor has got a grant on patent Device For Identifying Medicinal Plants Using Image Processing, January.
- Dr. P Ebby Darney, Professor has got a grant on patent System and Method for Intelligent disease prediction and diagnosis using deep learning, May.
- Prof. Sincy Elezebeth Kuruvilla, Assistant Professor has got a grant on patent System and Method for Intelligent disease prediction and diagnosis using deep learning, May.
- Dr. P Ebby Darney, Professor has got a grant on patent AI-Enhanced IOT system for Autonomous Smart home Energy control, December.
- Dr. P Ebby Darney, Professor has got a grant on patent, IOT Connected Smart Surveillance Drone with AI Powered Threat Detection, January.
- Dr. P Ebby Darney, Professor has got a grant on patent, ML Driven IOT Platform For personalized Health Monitoring and Predictive Diagnosis , January
- Dr. R.Arul Jose, Associate Professor has got a grant on patent AI-Enhanced IOT system for Autonomous Smart home Energy control, December .
- Dr. R.Arul Jose, Associate Professor has got a grant on patent Voice-Activated Mobile Device, January.
- 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.
- Dr. R. Arul Jose, Associate Professor has got a grant on patent MI-Driven IOT platform for personalized health monitoring and predictive diagnosis, January.
- Prof. Sincy Elezebeth Kuruvilla, Assistant Professor has got a grant on patent AI-Enhanced IOT system for Autonomous Smart home Energy control, December.
- Prof.Avinash C M Assistant Professor has got a grant on patent AI-Enhanced IOT system for Autonomous Smart home Energy control, December.



EEE department Achievement



Every participant deserves appreciation for showcasing their talent and making the event vibrant and memorable. Winning is a wonderful achievement, but the courage to participate and perform is equally commendable.

May this achievement inspire you to continue exploring your talents, aim higher, and participate with the same enthusiasm in future events.



NPTEL Course Completions

The faculty members of the Department of Electrical and Electronics Engineering successfully completed various NPTEL certification courses, demonstrating their commitment to continuous learning and professional development. These certifications have strengthened their expertise in emerging technologies, advanced engineering concepts, and innovative teaching methodologies, enabling them to deliver high-quality education and enhance students' learning experiences.

"Committed to Lifelong Learning, Dedicated to Academic Excellence."

Faculty Name	NPTEL Course	Duration	Result	
Dr. R. Arul Jose	Foundation of Deep Learning: Concepts and Applications	12 Weeks	Elite	
Prof. Sincy Elezebeth Kuruvilla	Business Ethics	12 Weeks	Elite	
Prof. Nandini	Patent Drafting for Beginners	8 Weeks	Successfully Completed	
Prof. Nandini	Smart Grid	12 Weeks	Elite	

CULTURAL FEST- KALASOURABHA 2K26



GPS Map Camera

Bengaluru, Karnataka, India

Rajarajeswari College Of Engineering College

Block: Rajarajeswari College Of Engineering



Sports Updates

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



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



