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

ELECTRONICS AND COMMUNICATION ENGINEERING
NEWS LETTER
SAMPARKAVANI

Sri. A. C. Shanmugam
B.A. L.L.B, FIMSA, FRCPS (Glasgow, U.K)
Chairman, RRGI

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

Dr. R Balakrishna
Prinicipal, R.R.C.E

Dr. R. Sunitha
Head of Department
ECE ,R.R.C.E

VISION

Actualize high Quality Electronics and Communication Engineering professionals, showcasing Innovation, Research and Performance in the Frontier areas and capable of working in local, global, environment contributing for Societal development through sustainable Technology keeping high moral values.

MISSION

- M1: To give strong fundamental and contemporary knowledge to Students with excellent curriculum and faculty.
- M2: Promoting Innovation and Research by creating ambiance by collaborating Industry & academia also involving them to do societal beneficial projects.
- M3: Imparting ethics to students through relevant practices.

PROGRAM EDUCATIONAL OBJECTIVES

- PEO1:Able to take up career in the Electronics & Communication industries to contribute by innovative design and products to help society.
- PEO2:Capable to work in team with good communication skills, leadership qualities and ethics.
- PEO3: Professional empowering by taking up higher education or updating Knowledge in line with the changing trends of technology.

PROGRAM SPECIFIC OUTCOMES (PSO)

- PSO1: Demonstrate the competency to analyze the real time problems related to Electronics and Communication industry and able to design and develop products with the cutting edge technology.
- PSO2: Demonstrate leader ship qualities to resolve the complex multidisciplinary engineering, societal challenges in the ethical manner.

EDITORIAL VOICE

We are delighted to present the newest edition of our digital newsletter, Samparka Vani. Designed as a platform to foster stronger connections among our dear students, respected faculty members, distinguished alumni, and valued industry partners, this initiative reflects our shared journey and collective growth.

This issue highlights the dynamic activities and significant achievements of our department from August 2025 to January 2026. The period has been filled with energy and innovation, marked by enthusiastic participation in workshops, seminars, fine arts events, and various academic and co-curricular pursuits.

We extend our warm congratulations to all the students and staff whose dedication and enthusiasm made these endeavors a success. Our sincere gratitude goes out to everyone who supported and contributed to making this edition a reality.

Prof. Chaithanya S

DEPARTMENT OVER VIEW

Department of Electronics & Communication Engineering have started in the year 2006-07 with a sanctioned intake of 60 students. The programme is approved by AICTE, New Delhi and affiliated to Visvesvaraya Technological University, Karnataka.In the academic year 2013-14 sanctioned intake is increased to 120 from 60 students and also started M. Tech Programs in "Digital Electronics & Communication Engineering" and "Communication Systems" in the year 2011 and 2014 with intake of 18 Department of Electronics and Communication Engineering has a research center approved by VTU, Belagavi in the year 2016.

The Department offers UG, PG and Ph.D. Programs under VTU. The program is accredited by NBA for the 2015 and 2019.There are a total of 23 faculty members. Many of them having more than 10 years of experience. There are faculty members with good amount of industry experience. The department is geared up to conduct National and International conferences in association with Springer, IETE and ISTE. The Number of workshops, Industrial visits FDPs, Seminars and Conferences conducted in the campus are increasing every year. We are also collaborating with industries such as Karnataka Hybrid Micro Devices, P-Thinks & Win global Tech, Apsis Solutions Pvt Ltd, Bangalore. Faculty and Student projects are proposed for VGST, KSCST and VTU funding. Our students have excelled sports such as Karate, Cricket and Kabaddi and participated in state level and University level. All the activities are held through professional societies like ISTE, IETE and Department club.

ABOUT ECE R&D CENTRE

Department of Electronics and Communication Engineering had the approved Research Centre by VTU, Belagavi in the year 2016.There are Five faculty members approved as supervisors in the department. Total number of students registered in the research centre is Ten and Four are completed the Viva Voce examination. About 08 of our faculty are pursuing Ph. D in our research center and other research centers. Faculty members of ECE are published 145 papers in reputed journals and International Conferences and also published 16 patents. Our faculty got the funding for the project proposals from AICTE, VTU TEQIP, KSCST, VTU and CSIR.

ECE Department has Centre of Excellence in Wireless Sensor Networks and Product Design Students are encouraged to do innovative and product-based projects related to advance technologies and encouraged to publish papers in the International & National conference and journals. We have adopted integrated teaching-learning practices. Workshops, symposiums &Technical Seminars are organized on regular basis. Our students have received best paper awards in the conferences. Students are counselled according to the industry & academics requirement, encouraged to have hands on exposure.

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SCR ACTIVITY

RUCHI SAMBHRAMA

Date: 12th December 2025
Time: 10:30 AM – 12:30 PM
Venue: ECE Department
Event Lead: Dr. Sunitha R, HoD – ECE

The Department of Electronics & Communication Engineering will be conducting the SCR Activity titled "**Ruchi Sambhrama**" on 12th December 2025, from 10:30 AM to 12:30 PM at the ECE Department.

A food-based student activity was organized to encourage teamwork, creativity, and entrepreneurial thinking among participants. The event provided a platform for students to collaboratively plan, prepare, price, and sell food items, thereby developing practical skills in budgeting, coordination, and time management. It also created awareness about nutrition, hygiene, and food safety practices. Through active participation, students enhanced their communication, leadership, and interpersonal skills while showcasing their culinary talents and innovative presentation ideas.

INNOVEX 2025

COLLEGE LEVEL PROJECT EXHIBITION

Date: 05 December 2025
Time: 09:30 AM
Venue: Dr. APJ Abdul Kalam Hall
Chief Guest: Mr. Shivakumar P M, Senior Application Engineer, SAP Labs, Bengaluru
Organized By: Department of Electronics & Communication Engineering
In Association With: AI&ML, CSE, CSE–IC, CSD, EEE, ISE, Robotics & Automation, and MCA

INNOVEX–2025, a College-Level Project Exhibition, was organized to provide a dynamic platform for students to showcase their innovative ideas, technical skills, and problem-solving abilities. The event aimed to promote experiential learning, interdisciplinary thinking, and a strong culture of research and innovation. Over 250 students from across the college participated, presenting projects in diverse domains such as Artificial Intelligence, Robotics, Electric Vehicles, IoT, Renewable Energy, and other emerging technologies.

The event was graced by Chief Guest Shivakumar P M, Senior Application Engineer at SAP Labs, Bengaluru, whose inspirational address motivated students to think creatively and pursue innovation. The exhibition witnessed enthusiastic participation, interactive sessions with evaluators, and the display of socially relevant projects.

5-DAYS HANDS ON TRAINING PROGRAM ON

PCB DESIGN AND FABRICATION FOR INDUSTRIAL APPLICATIONS

Date: 17th to 21st November 2025

Time: 09:00 AM to 04:00 PM

Venue: Seminar Hall, 4th Floor,RRCE

Resource Person: Mr. Kotresh Mundrugi, Director, M/s. Indian Tech-Keys, B'lore

A workshop on Printed Circuit Board (PCB) Design and Development was conducted by Kotresh Mundrugi, a dedicated entrepreneur with extensive experience in embedded product design and IoT system integration. With over 10 years of expertise in hardware development, app development, programming, and data analytics systems, he provided valuable practical insights into modern electronic product development. Participants learned PCB layout design concepts, symbols, footprints, and routing techniques, along with hands-on experience using industry-standard software tools. The session also covered PCB fabrication processes such as etching, drilling, soldering, component assembly, testing, troubleshooting, and quality inspection. The workshop enhanced students' practical knowledge and strengthened their skills in PCB design and implementation.

ALUMNI TALK ON

COMPONENT ENGINEERING: INSIGHTS AND FUTURE SCOPE

Date: 15th November 2025
Time: 10:30 AM – 12:30 PM
Venue: ECE Seminar Hall, RRCE Campus
Resource Person: Mr. Vishwas B (2019 Batch)
Component Engineer, M/s. Accuris

The Department of ECE successfully conducted an insightful Alumni Talk focused on component engineering, covering industry workflows, component selection, supply chain considerations, and future trends in the field.Mr. Vishwas shared his professional journey, practical experiences, and provided valuable career guidance, making the session highly interactive and impactful for the students.

He explained key concepts such as Component Lifecycle Management, parametric analysis, and risk mitigation strategies. The speaker also shared real-world industry practices, challenges, and emerging trends in embedded systems, IoT, automotive electronics, and high-reliability applications. The session created awareness about future career opportunities in component engineering and concluded with an interactive discussion with students.

ALUMNI TALK ON

AI UNLOCKED – FROM CAMPUS TO CAREER

Date: October 30, 2025
Time: 10:00 AM – 11:00 AM
Venue: ECE Seminar Hall
Resource Persons: Ms. Amulya, Co-founder, M/s. Chokmah Technologies Pvt. Ltd.
Mr. Prajwal, Co-founder & AI Technology Strategist at Zuro, Bangalore

An insightful and career-oriented session titled "AI Unlocked – From Campus to Career" was conducted by Amulya V, Director of CHOKMAH Technologies Pvt. Ltd., a leading software training and career development organization.

Ms. Amulya V highlighted how Artificial Intelligence is transforming industries across sectors and creating vast career opportunities for graduates. She emphasized the growing demand for skilled professionals who are equipped with both technical expertise and practical exposure in AI technologies.

During the session, Prajwal stressed the importance of developing not only strong technical competencies but also essential soft skills such as communication, problem-solving, and adaptability to thrive in an AI-driven workplace. He encouraged students to continuously upgrade their knowledge to remain competitive in the dynamic job market. A major highlight of the event was the announcement of an exclusive free AI internship opportunity for students who qualify in the assessment examination. The internship, valued at approximately ₹10,000, aims to provide real-time project exposure and hands-on experience in Artificial Intelligence, enabling students to gain practical industry insights.

TECHNICAL SEMINAR ON

BHARAT SEMICONDUCTOR MOMENT AND CREATING ECOSYSTEM FOR INNOVATION IN THE INSTITUTION

Date: 24th October 2025
Time: 10:30 AM to 12:30 PM
Venue: Seminar Hall, 4th Floor, RRCE
Resource Person: Mr. Harsha Neelakanta,
Sr. Manager – Education, Silicon Microsystems, Bengaluru

The One-Day Technical Seminar on "Bharat Semiconductor Moment and Creating Ecosystem for Innovation in the Institution" was organized with the objective of creating awareness about India's ambitious semiconductor mission and its role in strengthening the nation's technological self-reliance. The seminar provided valuable insights into current trends, opportunities, and challenges in both the global and Indian semiconductor industries. It emphasized the significance of semiconductor manufacturing, design, and research in achieving the goals of the Make in India and Digital India initiatives. The program also encouraged students and faculty to actively engage in research, innovation, and product development while fostering an institutional ecosystem that promotes collaboration between academia, industry, and research organizations.

TECHNICAL SEMINAR ON

CONCEPT TO PRODUCT DEVELOPMENT - A JOURNEY TOWARDS MODERN PRODUCT DEVELOPMENT

Date: 17/10/2025
Time: 10.45AM-12.45PM
Venue: Seminar Hall, 4th Floor, RRCE
Resource Person: Mr. Kotresh Mundrugi, Director, M/s. Indian Tech-Keys, Bangalore

The program was organized with the objective of helping students understand the complete journey from concept to product development. It provided valuable insights into modern product design and development practices while encouraging creativity and innovation among participants. The session aimed to bridge the gap between idea generation and commercialization, enhance technical knowledge related to prototype design and testing, and expose students to real-world challenges faced during product development.

As an outcome of the program, participants gained a clear understanding of the various stages involved in transforming an idea into a market-ready product. They became aware of industry practices, real-world challenges, and the importance of creativity, teamwork, and problem-solving in engineering design. The session also highlighted the significance of prototyping, testing, and validation, motivating students to apply innovative thinking in their academic projects and future professional endeavors.

PRE-PLACEMENT TALK ON

AWARENESS ON STUDY ABROAD OPPORTUNITIES

Date: 25th September 2025
Time: 11:15 AM – 12:15 PM
Venue: ECE Seminar Hall, RRCE
Resource Person: Mr. Prasad Shetty,
Manager – Business Development, LCI Group, Bengaluru

In today's globalized world, international education gives students a competitive edge through advanced learning environments, cultural exposure, and global career opportunities. This session simplified the study abroad process by explaining country-specific requirements, available scholarships, and the long-term benefits of pursuing education overseas.

The talk focused on creating awareness about study abroad opportunities across various countries and disciplines, guiding students through application procedures, and highlighting available scholarships and financial planning options. It also emphasized how international education enhances personal growth, broadens perspectives, and strengthens global career prospects, encouraging students to plan strategically and confidently pursue their international education goals.

PRE-PLACEMENT TALK ON

CAREER PATHWAY AND STUDY ABROAD OPPORTUNITIES

Date: 25th September 2025
Time: 10:00 AM – 11:00 AM
Venue: ECE Seminar Hall
Resource Person: Mr. Allen Rakesh John,
Branch Head, LCI Group – Specializing in Student Counseling, Bengaluru

A career guidance talk was organized to help students understand the importance of exploring both local and global opportunities in today's interconnected and competitive world. The session highlighted how identifying suitable career pathways enables students to align their skills, interests, and academic pursuits with real-world industry demands. It also provided valuable insights into higher education opportunities abroad, emphasizing the benefits of international exposure, cross-cultural learning, and advanced research prospects.

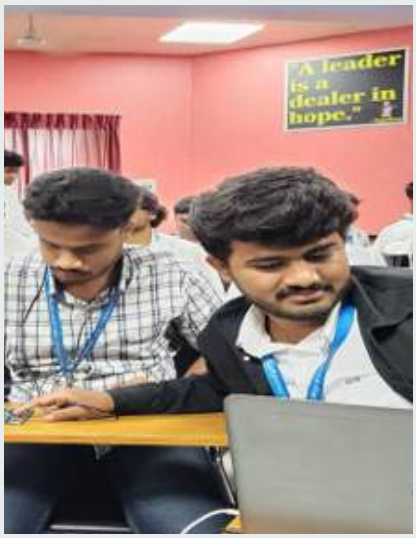
The program aimed to guide students in making informed academic and professional decisions by equipping them with practical knowledge and resources. Participants were encouraged to think beyond conventional career routes and confidently pursue ambitious goals, positioning themselves for success in the evolving global job market.

TWO DAY HANDS ON TRAINING
IOT ON SITE WORKSHOP

Dates: 9th & 10th September 2025
Venue: RRCE Campus
Organized By: Department of Electronics and Communication Engineering (ECE)
Resource Persons:
Mr. Kowshal, Embedded IoT Engineer, IobiT Solutions
Mr. Sreedharan, Technical Engineer, IobiT Solutions

The main objective of the "Two Days Hands-on Training – IoT On-site Workshop" was to provide practical exposure to IoT using LoRaWAN technology for the students of the ECE department. The session covered IoT fundamentals, architecture, components, and real-world applications, giving students a strong conceptual foundation along with insights into modern communication technologies.

During the workshop, students worked directly with IoT development boards, sensors, actuators, and communication modules, enhancing their technical and programming skills. They also integrated hardware with cloud platforms and developed mini-projects such as smart home automation and environmental monitoring systems, while group activities helped improve their teamwork and project planning abilities.



TECHNICAL TALK

ON PERSONALITY DEVELOPMENT AND STRESS MANAGEMENT

Date: 09.09.2025
Time: 11:00 AM
Venue: ECE Seminar Hall, RRCE Campus
Organized By: Department of Electronics and Communication Engineering (ECE)
Resource Person: Dr. Lakshmi B.L HoD – MBA, Rajarajeswari College of Engineering

A session on Personality Development and Stress Management was conducted with the objective of enhancing students' personal and professional growth. The program focused on helping students understand their strengths, weaknesses, and goals to better realize their potential. It also emphasized the development of self-esteem and assertiveness, enabling students to pursue their ambitions with confidence.

The session highlighted the importance of building skills for career advancement and professional credibility. Students were introduced to practical stress management techniques such as deep breathing and yoga to effectively handle stress. Additionally, guidance was provided on recognizing and managing emotions to minimize the impact of challenges and setbacks, thereby promoting overall well-being.

TECHNICAL TALK ON

AWARENESS SESSION ON VLSI DESIGN & FUTURE OF SEMICONDUCTOR INDUSTRY IN INDIA

Date: 08.09.2025
Time: 11:00 AM
Venue: ECE Seminar Hall, RRCE Campus
Resource Person: Mr. Manjunath J, CEO of Impulse VLSI, Bangalore

To create awareness among students about the fundamentals and importance of VLSI design in modern electronics and digital systems. The session was delivered by Manjunath J, Chief Executive Officer of Impulse VLSI, a registered company specializing in Semiconductor and VLSI Design domains. With his extensive industry experience, he provided valuable insights into the growing opportunities in VLSI design and the evolving semiconductor ecosystem in India.

During the talk, he explained the VLSI design flow, current industry trends, required technical skill sets, and career opportunities in chip design, fabrication, and testing. He also highlighted global semiconductor advancements, India's emerging manufacturing initiatives, and the Government's Make in India mission in the electronics sector. The speaker encouraged students to pursue research, higher studies, and careers in VLSI design, chip fabrication, and embedded systems, thereby bridging the gap between academic learning and industry expectations through real-world perspectives

INDUSTRIAL VISIT

Date: **10.09.2025**
Venue: **BAMUL(Bangalore Urban, Rural & Ramanagara District Co-Operative Milk Producers Societies Union Limited)**
Kanakapura, Karnataka

An industrial visit was organized for the students to gain practical exposure to real-time industrial operations and bridge the gap between theoretical knowledge and practical implementation. The main objective of the visit was to understand the automation processes involved in milk procuring, production, packaging, and storage.
During the visit, students observed automation in milk collection systems, production units, processing of various milk products, and storage facilities. The industry experts explained the working of automated machinery, quality control measures, and safety standards followed in the plant. The visit provided valuable insights into modern industrial practices and concluded with an interactive session where students clarified their doubts and enhanced their understanding of dairy automation systems.

MOCK INTERVIEWS FOR 7TH SEMESTER STUDENTS

Date : 23rd August 2025
Time : 9:30 AM
Venue: Rajarajeswari College of Engineering Campus

The Mock Interview Program was conducted for final-year engineering students to simulate real-world recruitment scenarios and prepare them for upcoming placement opportunities. The program was designed in line with current industry interview practices and included technical, HR, and behavioral interview rounds. Students were assessed on their technical knowledge, problem-solving abilities, communication skills, and professional etiquette. Experienced interviewers interacted with the students and provided real-time, constructive feedback to help them understand employer expectations. The initiative encouraged self-assessment, helped identify individual strengths and areas for improvement, and boosted students' confidence in facing actual interviews. Overall, the program acted as an effective bridge between academic learning and industry requirements, enhancing students' readiness for their professional careers. All the professors of the dept. were also a part of the internal panel.

FDP ON

IOT BASICS AND APPLICATIONS

Title: IoT Basics and Applications
Date: 7th July to 11th July 2025
Time: 09:00 AM to 3:30 PM
Venue: ECE Lab, 4th Floor, RRCE Campus

The Five-Day Faculty Development Program on" IoT Basics and Applications" aims to bridge the gap between theoretical understanding and practical implementation of core Electronics and Communication Engineering (ECE) concepts integrated with the Internet of Things (IoT).This program is designed to empower faculty members with hands-on knowledge and current trends in IoT-enabled smart systems while reinforcing core ECE lab skills such as analog and digital electronics, microcontrollers, and communication systems. By combining lectures, live demonstrations, and practical sessions, participants will be equipped to guide students effectively in both academic and project-based learning environments.

STUDENTS ACHIEVEMENTS

A team from 7th semester of our Department has secured the Third Place at TECHKUBIK - National Level Project Expo-2025, hosted by HKBKCE, Bangalore on December 4th and 5th. Competing against talented participants from various colleges, our students demonstrated innovation, technical rigor, and effective presentation skills to earn a spot on the podium. We extend our heartfelt congratulations to the team for this well-deserved recognition!

Team Members: SYEDA KOUNAIN ,RABIYA BASRI ,ALEEMUDDIN.

SYEDA KOUNAIN and RABIYA BASRI, 7th semester students of our department, participated in the IEEE IDEATHON held at ACS College on 27th October 2025. They secured the 1st Prize, bringing great pride to the department. Their achievement reflects innovation, teamwork, and technical excellence

A team of Third Year students represented Department at TESLA 2K25, a National Level Symposium held by Department of EEE, Rajarajeswari College of Engineering, Bengaluru on November 18-19. They participated in the ROBOSOCCER event and performed commendably against teams from across the country. They competed with teams from other colleges and other departments and secured Third Place. We congratulate the team on their achievement and commend their teamwork and dedication.

Team Members : Abdul Azeem, DhirajSharma M S, Harsha M, Subrahmanya M

STUDENTS ACHIEVEMENTS

7th semester Students of our Department won the First Prize at the Electric Vehicle Show and Idea Presentation, organized by the EV Club of RRCE by EEE Department.

The team presented an innovative project titled ˝Smart wireless charging toll system with automated gate using esp32˝. showcasing technical excellence and practical relevance in electric vehicle systems.

Team Members: Apoorva S, Harsha GN, Harshitha VM, Maithry S Rao

7th semester Students of our Department won the won the Second Prize at the Electric Vehicle Show and Idea Presentation, organized by the EV Club of RRCE by EEE Department.

The team presented an innovative project titled ˝Smart EV Car with Three Modes, Ultrasonic Safety, Light Sensing, and Bluetooth Control Using Arduino,˝ showcasing technical excellence and practical relevance in electric vehicle systems.

Team Members: Dakshith K S, Likhith H, Amith Ashok K, and Bhoomika P

More than 200 students from the 5th and 7th semesters actively participated in and presented their innovative projects and research papers at several reputed institutions, including

ACSCE, Bangalore	BIT, Bangalore	CHRIST, Bangalore
CMRIT, Bangalore	Dayananda Sagar University	Dr. SMCE, Nelamangala
Govt. Engineering College, Ramanagar	GSSSIETW, Mysuru	HKBKCE, Bangalore
IEEE CMRIT SB	KSIT, Bangalore	MVJCE, Bengaluru
JNN College, Shivamogga	JSSATE, Bangalore	MITS, Gwalior

Their participation covered a diverse range of technical platforms such as project expos, ideathons, hackathons, and conferences, enabling them to gain valuable exposure, hands-on experience, and effectively showcase their creativity, innovation, and technical expertise.

STUDENTS ACHIEVEMENTS




It's a moment of pride! A team from 5th semester ECE has secured the First Prize at TEXPLORE, a National Level Project Expo conducted in association with IEEE at CMR Institute of Technology, Bengaluru, on November 26th and 27th, 2025.

Team Members: Abdul Azeem, DhirajSharma M S, Harsha M, Charan R A

Kripita Singh G, a 3rd semester student, participated in the National Entrepreneurship Challenge 2025 held at IIT Bombay, showcasing enthusiasm and engagement in entrepreneurial initiatives at the national level.

Kripita Singh, Hajira Saba Fathima, Chandan Sharma, and Keerthana S have successfully published their research paper titled ˝Conceptual View of a Smart Helmet for Accident Detection with GSM-based SMS Alert System˜ in the Grenze International Journal of Engineering and Technology (GIJET), a Scopus-indexed journal. This achievement highlights the students´ research aptitude and contribution to innovative technological solutions in the field of safety systems.

STUDENTS ACHIEVEMENTS
SPORTS

Students of our department – Parinitha A, Divya C, Kavyashree K M, Shravya P, and Prakruthi S R – participated in the Kabaddi event held at BMS College of Engineering, Bengaluru on 25 November 2025 and emerged as winners. Their outstanding teamwork, determination, and sportsmanship brought pride to the department and showcased their excellence in sports.

Students Chidananda Gowda K N and Nikhil Kumar D N participated in the Kho-Kho competition, SPARDA-25 State level inter colligate sports fest 2025 held at CMR Institute of Technology, Bengaluru on 14 November 2025, and secured the Runner-up position. Their enthusiastic participation and strong teamwork brought recognition and pride to the department.

Students Chidananda Gowda K N, Sudeep and Nikhil Kumar D N participated in the Kho-Kho competition at the Chairman's Trophy held in Chennai on 13 August 2025, and secured the Winner position. Their excellent coordination, agility, and team spirit brought pride and recognition to the department.

Students Prakruthi S R and Supriya participated in the Throw Ball competition at the Chairman's Trophy held in Chennai on 13 August 2025 secured the Runner-Up position through their excellent teamwork and performance. Their achievement brought pride and recognition to the department.

Prakruthi S R

Supriya

STUDENTS ACHIEVEMENTS
SPORTS

Students of our department – Parinitha A, Divya C, Kavyashree K M, Shravya P, and Prakruthi S R – participated in the Kabaddi event held at BMS College of Engineering, Bengaluru on 25 November 2025 and emerged as winners. Their outstanding teamwork, determination, and sportsmanship brought pride to the department and showcased their excellence in sports.

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Mr. Kishore represented Visvesvaraya Technological University Inter-Collegiate Division Level Tournament in Kho-Kho (Men) and secured a Winner position while representing RRCE, Bengaluru held at Acharya Institute of Technology, Bengaluru from 11 November 2019 to 14 November 2019. This achievement highlights his dedication, sportsmanship, and contribution to bringing pride to the institution.

Mr. Kishore Gowda K.P. represented Rajarajeswari College of Engineering in the Visvesvaraya Technological University Inter Collegiate State Level Tournament 2025-26.He participated in the Soft Ball (Men) event held at SJM Institute of Technology, Chitradurga from 28 November to 29 November 2025.He secured the Runner-Up position,

STUDENTS ACHIEVEMENTS
NPTEL

NPTEL COURSE	USN	NAME	NPTEL COURSE	USN	NAME
C-Based VLSI Design	1RR22EC024	Chidananda Gowda K N	Programming in JAVA	1RR22EC078	Raksha M
	1RR22EC042	Kiran M S		1RR22EC103	Spoorthy S
	1RR22EC027	Dayanand S R		1RR22EC098	Sinchana B D
	1RR22EC078	Raksha M		1RR23EC410	Suhas K B
	1RR22EC122	Vinay Kumar S		1RR23EC408	Omkar B K
	1RR22EC097	Sudeep Raj V C		1RR22EC063	Pradeep S A
	1RR22EC022	Chandana N		1RR22EC122	Vinay Kumar S
Cloud Computing	1RR23EC046	Jairaj Kadappa Guled		1RR22EC080	Rakshitha M U
	1RR23EC044	Hemanth P		1RR22EC071	Priyadarshini N
	1RR23EC003	Abhishek K S		1RR23EC095	Sanath B Iliger
	1RR24EC410	Vamshi Krishna C N	Microsensors & Nanosensors	1RR22EC031	Harsha G N
	1RR23EC009	Apeksha N		1RR23EC032	Divya C
	1RR23EC059	Kusuma V		1RR23EC087	Preethi N
	1RR23EC026	Dhamini C	System design through Verilog	1RR22EC017	Bharath Kumar
	1RR23EC036	Ganesh S R		1RR22EC063	Pradeep S A
Computer Architecture	1RR23EC400	Akshay M A		1RR22EC030	H Pavan Kumar
	1RR22EC067	Praveen Patil		1RR22EC014	Arbaz
	1RR23EC407	Nagaling Nemati		1RR22EC078	Raksha M
	1RR22EC093	Sharanu		1RR22EC039	Kallesh H N
Data Science Using Python	1RR22EC089	Sahana T B		1RR22EC056	Holalu Nagaraj
	1RR22EC099	Sinchana M C		1RR22EC025	Dakshith K S
Digital Circuits	1RR22EC124	Vismaya K V		1RR22EC015	Balaji T
	1RR23EC027	Dhanalakshmi R		1RR22EC082	Ramyashree V R

FACULTY ACHIEVEMENTS

Congratulations to Our Faculties!
Successfully completed the NPTEL Online Certification Courses.
This achievement reflects dedication to continuous learning and academic excellence.

DR. SUNITHA R

1. **Introduction to Industry 4.0 and Industrial Internet of Things**
2. **Digital Image Processing**

DR. A M PRASANNA KUMAR

Introduction to Internet of Things

DR. VANI S BADIGER

1. **Accreditation and Outcome Based Learning**

DR. DEEPIKA J

1. **Demystifying Networking**
2. **Accreditation and Outcome Based Learning**

DR. HARITHA K SIVARAMAN

Demystifying Networking

PROF. DANESHWARI MODI

1. **Brief Introduction to Psychology**
2. **Accreditation and Outcome Based Learning**

PROF. AJAY M

1. **Machine Learning and Deep Learning - Fundamentals and Applications**
2. **Medical Image Analysis**
3. **Digital Image Processing**

FROM THE FACULTY DESK

DR. R. SUNITHA
HEAD OF THE DEPARTMENT
ELECTRONICS AND COMMUNICATION ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING
BANGALORE

Stop viewing AI as limited to the CSE domain.

AI is not just code—it is built on copper, silicon, and sensors.

A message to core engineers:

Software may be transforming the world, but hardware builds the foundation, and embedded systems make it intelligent.

The reality:

Hardware is the true bottleneck. AI cannot scale without energy-efficient chips (VLSI) and high-speed communication technologies like 6G—areas where ECE engineers play a crucial role.

The energy challenge:

AI models are rapidly outpacing the capacity of our power grids. ECE engineers are at the forefront, designing brain-inspired silicon that can reduce energy consumption by up to 100 times. These innovations must be integrated into robust embedded systems to be truly effective.

If you want to be at the forefront of the AI era, focus on silicon design, communication protocols, and, most importantly, how these elements come together in intelligent embedded systems.

We are not just building components—we are building the intelligent nervous system of the future that is TinyML

ALUMINI VOICE

PAVITHRA P
BE-ECE(2019-2023)
Mixed Signal Design Verification Engineer
Intel, Bengaluru

My journey at RajaRajeswari College of Engineering has been truly transformative, filled with invaluable learning experiences and personal growth that have shaped who I am today. The college provided me with an exceptional foundation to discover my interests, push my boundaries, and evolve both academically and as an individual. The faculty members at RRCE are extraordinary - they go beyond traditional teaching to become true mentors and guides. Their dedication to helping students understand complex theoretical concepts while bridging them with practical, industry-relevant applications has been remarkable.

I am profoundly thankful for the nurturing and inclusive atmosphere that transformed into professional ready to take on real-world challenges. It didn't just provide me with technical knowledge and skills, it also instilled fundamental values such as collaboration, determination, integrity, and adaptability - qualities that continue to guide me in my professional journey. The experiences, friendships, and lessons learned at will remain with me forever.

Lakshmi Y
BE – ECE (2021 – 2025)
MSc Electrical Power Systems
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My journey at Rajarajeshwari Engineering College (RRCE) from 2021 to 2025 has been a wonderful experience filled with learning, growth, and memorable moments. The college provided me with a strong academic foundation and encouraged me to explore my interests and develop my skills.

The guidance and constant support from the faculty members played a significant role in shaping my confidence and technical knowledge. Their mentorship motivated me to challenge myself and strive for excellence in my academic journey.

Today, as I continue my studies in Electrical Power Systems in the United Kingdom, I proudly carry the knowledge and values that I gained at RRCE. The experiences, discipline, and encouragement I received from the institution have helped me move forward confidently in my career. I will always be grateful to RRCE for being an important part of my journey and growth.