

September 2023

RAJARAJESWARI COLLEGE OF ENGINEERING

NEWS LETTER



ELECTRONICS AND COMMUNICATION ENGINEERING SAMPARKA VANI



Sri. A. C. Shanmugam

B.A. L.L.B, FIMSA, FRCPS (Glasgow, U.K)
Chairman, RRG1



Sri. A.C.S. Arunkumar

B.Tech (Hons), LMISTE, MIET., (UK), LMCSI.,
Vice-Chairman RRG1



Dr. R Balakrishna

Principal, R.R.C.E.



Dr. Rangaiah L

Professor and Head,
Department of ECE, R.R.C.E.

VISION

Our aim is to provide a program of high quality to produce creative technocrats and also establish an excellent R & D Centre to pursue research in the frontier areas of Electronics and Communication Engineering.

MISSION

To emerge as a centre of excellence in the field of Electronics & Communication Engineering, the graduates able to produce innovative solutions to the needs of the society, cognizant to the universal moral values, and adherent to the professional ethics.

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1-Skill and Knowledge

To impart students with a strong background in the basic science, mathematics and electronics and communication engineering fundamentals required for solving engineering problems.

PEO 2 -Lifelong learning

To train students with good scientific and engineering breadth so as to comprehend, analyze, design, and provide technical solutions for the real-life problems.

PEO 3- Attitudes

Exercise excellent leadership qualities to address issues in a responsible, ethical, and innovative manner with continuous learning and broader societal context.

EDITORIAL VOICE

Dr. Rangaiah L,

HoD, ECE

Chaithanya S,

Asst. Prof. ECE

STUDENT COORDINATOR

Aishwarya M

Welcome to the Department of Electronics and Instrumentation Engineering's latest newsletter. Launching our bi-annual Newsletter "SAMPARKA VANI" fills us with joy. This newsletter is a digital channel via which we can reach out to our students, faculty, and alumni and business associates. The activities of the department will be highlighted in this newsletter. Additionally, it informs readers on recent developments in the department, concentrating on various activities such as placement, student and faculty achievements. We anticipate additional initiatives and successes for the department. march on in pursuit of excellence. We would want to thank every one of the faculty, assistance staff, and our wonderful students for their unwavering assistance.

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-Think & 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

ECE Research Centre approved by VTU, Belagavi in the year 2016. There are Five members approved as supervisors in the department. Totally Ten members registered in our research centre and three are completed the viva voce examination and one is submitted. About 08 of our faculty are pursuing Ph.D in our research center and other research centers. Totally 07 faculty members are completed their Ph.D during 2018 to 2022. Our faculty members are published 145 papers in reputed international journals and 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 counseled according to the industry & academics requirement, encouraged to have hands on exposure.

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“Quantum Communications and Computing & Awareness on IEEE Memberships”

DR. T. Srinivas, talked about the recent breakthroughs and research regarding Quantum Communication & Computing and how helpful it will be for the faculties and researchers working in the areas of ECE and encouraged the students to follow their passion in Quantum Computing as that is the future of Computer & Communication Technology. He also lightening on the IEEE Memberships, and its benefits. He explains the few topics listed below.

- Ø What is Quantum Information Technology (Computer & Communication)
- Ø Quantum Bits(Q-bits)
- Ø DiVincenzo Criteria
- Ø Quantum Computers & Communication
- Ø Quantum Entanglement and Cryptography
- Ø Integrated Quantum Communication Devices and Photonics
- Ø Research on Integrated Quantum Communication Devices in the Applied Photonics Lab.
- Ø Information regarding IEEE memberships and advantages of it.
- Ø Motivating students to take up IEEE membership.



Date: 2nd May 2023

Time: 10:30am -12:30pm

Venue: APJ Abdul Kalam Hall, RRCE

Resource Person

Dr. T Srinivas

Professor at IISC, Bangalore



Recent Trends in AI & ML An Industry Perspective

Mr. Venkata Reddy P.S explained about the artificial intelligence and machine learning which represents an important evolution in computer science and data processing that is quickly transforming a vast array of industries.

He also spoke about the major role of electronic engineers who entered these fields work on designing, constructing, maintaining, and improving robotics and AI systems, such as using machine learning to deliver more accurate results.

He further explained the growth and evolution of AI in past few years. AI evolved into a powerful tool that enables machines to think and act like humans. Moreover, it has garnered focus from tech companies around the world and considered next significant technological shift after the evolution in mobile and cloud platforms.



Date: 10th March 2023

**Venue: APJ Abdul Kalam Hall,
RRCE**

**Resourse Person :
Mr. Venkata Reddy P.S, Senior
Developer, SAP Labs, Bangalore**

Total numbers of participants: 270

5th NATIONAL CONFERENCE ON “VLSI, COMMUNICATION AND SIGNAL PROCESSING (NCVCS-2023)”

Date of Conference :5th May 2023
**Venue: Dr. Sathyendranath Bose
Hall, RRCE, Bengaluru**

Objective of the Conference: The primary objective of NCVCS-2023 is to establish an effective platform for Institutions and Industries to share ideas and to present the works of Scientists, Engineers, Academicians and Research Scholars in the fields of VLSI design, Communication Technologies and Signal Processing. National Conference started with the inaugural function 09:30Am on 5th May 2023, with all the dignitaries and the keynote speaker. After the inaugural function, NCVCS-23, Chief guest: Mr. Shivakumar P M, SAP Labs, Bangalore, Gave talk on requirement for the industry from academia. Guest of Honor Mr. Andrew Manager -- HR, Foxconn Hon Hai Technology India Mega Development Pvt. Ltd. gave talk on “About Placements at Foxconn Hon Hai Technology.”

After the inauguration followed by tea break, morning sessions started in parallel. Post lunch afternoon session started followed by Valedictory, in which the Best paper awards and certificates for participants were distributed.



Technical sponsor: IETE

Number of papers received:118

Number of papers accepted: 92

Number of papers registered :90

Conference proceedings published in
<https://ijariie.com> ,

ISBN978-81-19042-66-1

Number of Sessions held: 07 & Session Chairs

External	Internal
Dr. Komala M. A, SJBIT, Bangalore.	Dr. Sunitha R, RRCE, Bangalore.
Dr. Vinoth, Pongu Ventures, Bangalore	Dr. Vijaya S M, RRCE, Bangalore.
Dr. Manjunatha Reddy H S, GAT, Bangalore.	Dr. Viswanath K C, RRCE, Bangalore.
Dr. P. Bhuvaneshwari, ACSCE, Bangalore.	Dr. Kirubha , RRCE, Bangalore.
Dr. Rekha B,SJBIT, Bangalore.	Dr. Ebby Darney, RRCE, Bangalore.
Dr. Sudhakara A, RRCE, Bangalore.	Dr. Jobush Johns, RRCE, Bangalore.
Dr. A. Muruganantham RRCE, Bangalore	Dr.D.Sobya, RRCE, Bangalore.

Industrial Visit to UR Rao Satellite Centre

Date:17/05/2023

Venue: ISRO Satellite Centre,
Bangalore – 17



Title the event: Industrial Visit to UR Rao Satellite Centre, Bangalore
Resource Person: Mr. Srinivas, Scientist.
Event Duration: One day – 17/05/2023
Venue: ISRO Satellite Centre, Bangalore – 17
Target Participants: Third Year UG Students.
Faculty Accompanied: Prof Ajay M and Prof Vinoda G
Industry visit coordinator: Dr.Vijaya.SM



- Gained Knowledge about subsystem of Rockets and Spacecraft
- To differentiate between PSLV and GSLV.
- Gained knowledge about TV Broadcast mechanism with the help of demo model.
- Gained knowledge about different Satellites.
- Gained knowledge about launching of satellite.
- Video on Chandrayaan Launch.
- Satellite assembly in the clean room.

Two Days IoT Onsite Workshop Training Program



SESSION I(10 AM to 1:00 PM)

- Introduction to IoT and its Application
- Introduction to ESP32
- Introduction to Arduino IDE & Arduino programming
- ESP32 library installation
- Hands-On: Integration LED with WDM
- DIY: Integration LED with WDM
- Hands-On: Integration IR sensor with WDM
- DIY: Integration IR sensor with WDM
- Hands-On: Integration PIR sensor with WDM
- DIY: Integration PIR sensor with WDM
- Hands-On: Integration Flame sensor with WDM
- DIY: Integration Flame sensor with WDM
- Hands-On: Integration DHT11 sensor with WDM
- DIY: Integration DHT11 sensor with WDM

SESSION II(2 PM to 4:00 PM)

- Hands-On: Integration Ultrasonic sensor with WDM
- DIY: Integration Ultrasonic sensor with WDM
- Hands-On: Integration LM35 sensor with WDM
- DIY: Integration LM35 sensor with WDM
- Hands-On: Integration Soil Moisture sensor with WDM
- DIY: Integration Soil Moisture sensor with WDM
- Hands-On: Integration MQ2 sensor with WDM
- DIY: Integration MQ2 sensor with WDM

SESSION I(10 AM to 1:00 PM)

BLE Mobile App:

- Hands-On: Sending constant data from End Device to BLE Mobile App.
- DIY: Sending constant Data from End Device to BLE Mobile App
- Hands-On: Controlling LED from BLE Mobile App.
- DIY: Controlling LED from BLE Mobile App.
- Introduction to IoT Platform: Thing speak
- Hands-On: Sending constant data from End Device to Thing speak channels.
- DIY: Sending constant Data from End Device to Thing speak
- Hands-On: Sending Ultrasonic sensor data from End Device to Thing speak channels.
- DIY: Sending Ultrasonic sensor data from End Device to Thing speak channels.

SESSION II(2 PM to 4:00 PM)

- Hands-On: Sending IR sensor Data from End Device to Thing speak channels.
- DIY: Sending IR sensor Data from End Device to Thing speak
- Hands-On: Sending DHT11 sensor Data from End Device to Thing speak channels.
- DIY: Sending DHT11 sensor Data from End Device to Things peak
- Introduction to MQTT
- Hands-On: Sending constant data from End Device to MQTT Mobile App.
- DIY: Sending constant Data from End Device to MQTT Mobile App
- DIY: Sending Sensor data from End Device to MQTT Mobile App.

Date : 23-08-2023 & 24-08-2023

Venu : ECE Seminar Hall (Sathyendranath bose)

Trained by: Enthu Technology

Social Entrepreneurship & Life skills for GIG Economy



Date: 7th August 2023

Venue: APJ Abdul Kalam Hall, RRCE

Resource Person: Mr. R. Sathish Raj

CEO, E-Crusaders, Chennai

Objective:

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

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

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

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

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

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

A brainstorm journal to basically keep a track of/ make notes on the TED talks you'll listen to or the inspiring content you consume. ☐ It's similar to a brain dump where whenever you're stressed, you'll write down all the negative thoughts on your mind to clear them from your head. He also mentioned something called RAA i.e., Read, Ask and Action which means that if you want to do something, first read about it, then ask people who have similar experiences to the thing you want to do and get their feedback and lastly act on it.

Publications

- Sunitha R, Monika M K, Nayana S R, Sushma G S & Supritha S “RECOGNITION OF ADHD SYNDROME IN CHILDREN” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- Vani S Badiger, Keerthi B N & Megha H V “EQUIPMENT CONDITION MONITORING SYSTEM BASED ON IOT” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- Sumitha Manoj, Prashanth R S, Manoj Kumar S, Manoj M R & Pavan M “SMART STAIRLIFT FOR DISABLE/ELDERLY PEOPLE USING NODE MCU” in in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- Rangaiah L, Sonali Chavan S, Varnitha M Shet, Sneha G & Sukruthi R Gowda “AUTOMATIC MILK QUALITY ANALYSING WITH BILLING SYSTEM” in in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535
- Gagan S J, HollenLoukham Dhanush D & Vivek M R “DEVELOPMENT OF HEALTH MONITORING ROBOTIC NURSE” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- M Suresh, Varshith Raj C R, Varun Raj C R, Vishwanath B S & Yatheesh R B “INTRACRANIAL BRAIN HEMORRHAGE DETECTION IN CT SCANS USING DEEP LEARNING” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- Muruganandham A, Amaresh C Sarawad, Surya D & Vinay H R” OUTLIER DETECTION FOR DIFFERENT APPLICATIONS” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- Lokesha K, Akshatha B, Ajantha K & Gowthami R “LORA NETWORK BASED WIRELESS COMMUNICATION AND MONITORING USING IOT” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- Vijaya S M, Harshitha B L, Sanjana N & Harshitha B “HEPTOCELLULAR CARCINOMA DETECTION USING DEEP LEARNING FRAMEWORK” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- Rashmi Shree N, Shruti Navalagi & Shivkumar H M “SMART WATER BOTTLE” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.

Publications

- Santosh Chavan, Ullas A, Ritesh L, Punith B &Tejas N “BONE CANCER DETECTION USING DNN” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- Chaithanya S, Meghana N,NuthanaGn, Pavithra P &Pooja R “IMPLEMENTATION OF CHACHA AND DES CIPHER FOR CRYPTOGRAPHICAUTHENTICATION” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- Haritha K, PurimetlaJagadeesh, Sanjay G S, SanthoshGowda K R &Vishwas B “REAL TIME OBJECT MOTION DETECTION USING DEEP LEARNING METHODS” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- Sadhana R, Shwetha&Rithin D “ STOCKPILE TRACK-OFF APPROACH” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- Deepika J, Gaurav MPawar, Ajay Kumar K &Govardhan B S “ DETECTOR ROBO FOR FACE MASK AND TEMPERATURE DETECTION” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
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- SumithaManoj, Prathyusha H Kumar, Sanjana H &SherlinJagath J “POWER GENERATION THROUGH HUMAN LOCOMOTION USING PIEZOELECTRIC SENSORS” in “NATIONAL CONFERENCEon VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- Chaithanys.S, NandyalaPavanKalyan, Nithish Kumar S , Nithya Rani N &Nithya S Prasad “DESIGN OF DNA-AES BASED CRYPTO PROCESSOR FOR HIGH SECURITY” in “NATIONAL CONFERENCEon VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- A Muruganandham, Ajay AM, AkankshShetty, Basavaraju M &Chandan J” CONTROL OF LONG RANGE QUADCOPTER USING NODEMCU” in “NATIONAL CONFERENCEon VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- Ajay M, Tousif Ali Muzawar, Syed AvezHussainSwathi J &Spandana C S “ CONTROL AREA NETWORK BASED AUTOMOTIVE SURVEIL” in “NATIONAL CONFERENCEon VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.

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- V Sreepathi, Jaswanth Gowda AC, Kaliprasad M, Manoj D & Manjunath Uppar “POSITION DETECTION FOR WIRELESS CHARGING OF ELECTRIC VEHICLES” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
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- Santosh Chavan, Sameer Kulkarni, Shreyank H, Prajwal. Br & Prajwal. G “AUTONOMOUS CAR” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- D Soby, Kavya C, Kushala V K, Padm itha S & P V Sai Lakshmi “FIRE DETECTION AND RESCUE SYSTEM BY CAMERA USING ARTIFICIAL INTELLIGENCE” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- Haritha K S, Dimple Y, Manasa B G & Varshitha D C “AN IOT AUTOMOBILE ROBO IMPLEMENTATION FOR DISASTER MANAGEMNET” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.
- Mr. Suresh M, Chandana GR, Vamshi Krishna, Inchara L & Harika Polluru “ACCIDENT DETECTION AND ALERT SYSTEM” in “NATIONAL CONFERENCE on VLSI COMMUNICATION AND SIGNAL PROCESSING(NCVCS-2023).” Internation Journal Of Advance Research And Innovative Ideas In Education 7.1 (2023):1-535.

Publications

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- Sunitha, R., Vijayanand, S., Kannan, R., Usha, S., Rangaiah, L., & Sanjay, P. (2022, December). Butler Matrix Design and Simulation For 5G Applications. In 2022 International Conference on Future Trends in Smart Communities (ICFTSC) (pp. 33-38). IEEE.
- Krishnakumar, A., Senthilkumaran, T., Vijayanand, S., Mukesh, R., Muruganandham, A., & Selvanandan, S. (2022, December). Prediction of QoS Data for Pressure Sensor Using Prophet and FFNN AI Algorithms. In 2022 International Conference on Digital Transformation and Intelligence (ICDI) (pp. 247-251). IEEE.
- Avaragollada Puravarga Mathada Prasanna Kumar and S.M. Vijaya "ANNHRPAA Based Deep Learning Image Processing for Pneumonia Detection" IntechOpen Denoising - New Insights Published: 22 November 2022 DOI: 10.5772/intechopen.106640
- Bhattacharjee, S., Ray, D., Saha, D., & Soby, D. Classifying Pap Smear Images with an Advanced Composite Random Forest Model.
- Chakraborty, P. S., S. Nallusamy, D. Soby, G. Majumdar, and Bijan Sarkar. "Analysis of Multiple Constraints and Strategic Investment Decision with Proposed Algorithm." International Journal of Performability Engineering 18, no. 12 (2022).
- Siddesh, G. K., Anu, H., Chaithanya, S., & Sathish Shet, K. (2022). Neuro Fuzzy Model Based Routing Protocol in Mobile Ad-Hoc Networks. International Journal of Computer Network and Information Security, 12(6), 54.
- Sivaraman, Haritha K. "Minimizing the Energy Consumption and Enhancing the NetworkLifetime in WSN using Advanced LEACH Protocol." In 2022 Fourth International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT), pp. 1-6. IEEE, 2022.

MOUs

The functional MoU's with national and international institutions, universities, industries, corporate houses etc. during the year is as follows

The activity under MOU is , Engaged in Internship, Placement assistance, Technical Project support for the students and Academic interaction by delivering special lectures at college

- **Vineta's Edutech Pvt. Ltd.**
- **EdGate**
- **Loginware**
- **APSYS Solutions**
- **X-Ciencia Technologies India Pvt. Ltd.**
- **UC Berkeley- IAG & FICE education provate limited**
- **Entuple Technologies Pvt Ltd**
- **Prinston Smart Engineering**

Placements

Congratulations for our students to get placed in below listed Companies.

Intellipaat

Honey Well

Palle Technologies

vintrus

TCS

System Plus

Global Quest

Quest Global

Mas Tech Quadgen

Power Research and Development Consultancy Pvt. Ltd.

One Paper Research Analyst Pvt Ltd

NTT Data

MainTec Technologies

Lighting Technologies, Jigani

Vista's Learning

Code Young

Face prep

ETHNUS-JOSHMITHRA/Vista's Learning

Technologies

SPORTS

CONGRATULATIONS,
for your outstanding achievement in
winning the KABADDI championship!
Your hard work and dedication have
truly paid off. Keep up the great work
and continue to shine on the field.
We're proud of you!



Our Department Students kavyashree D R and Sneha S are participated in VTU Bangaluru Division ,VTU State level KABADDI championship and chairmans trophy chennai kabaddi tournament.



Congratulations for our students Aishwarya M, Dhanushree N A, Proovapai, Sushma, Bhavana N, Sneha S, Neelavathi S, Chandana, Jayashree for Participating in VTU State level Kabaddi championship.





SPORTS

CONGRATULATIONS,
for your Wonderful achievement.
From ECE department Mr.Abdul Khadeer Khan has participated in chairman's trophy 2023 held in RRMCH , he got man of the match award in RRCE vs RRCN cricket match with 8 wickets in an innings. With 13 wickets in four matches he has got the best bowler of the tournament award

i.e leading wicket taker of the tournament. In the history of chairman's trophy he made a record by taking 8 wickets in an innings.

Mr.Abdul Khadeer Khan has participated in VTU state level KHO-KHO trials held in SIT, tumkur on 28 December 2022.



From our department, Mr.Abdul Khadeer Khan and Mr. Pruthvi.T.G has participated in VTU intercollegiate Bengaluru south division KHO-KHO tournament for year 2022-23 held in RV college of engineering on 17 April 2023.They lost the match with RVCE in semi-finals.



ALUMNI VOICE

Name: Manoj P G
BE-ECE, Batch: 2018-2022
Company: BOSCH

Domain: Automotive firmware
Role: Embedded software developer (FuSa Engineer)

I appreciate and feel thankful that My department welcomes me as an alumnus to share my opinion on the department. I joined RRCE in the year 2018 to pursue my UG program in the department of ECE. Although I believed that technically Electronics is very complicated and most difficult domain, my view on it changed after I am into it because of excellent teaching from our professors. They have most skilled and experienced Professors which helped me to get deep knowledge on the core domain and this is what every student deserves after joining into any colleges. Our department faculties are supportive in all aspects.

The journey of the engineering program has truly been exhilarating and wonderful. This college let us fall by our own but made us climb on the ladder to success. I got placed in one of the world's topmost reputed Automotive manufacturers. I feel more thankful to my professors, department and to the college. All the best and wishing the good luck, thank you.



Nanditha k
BE-ECE, Batch: 2018-2022
Company:HUSON'S BAY services(SAKS OFF 5th)

"Engineering is the closest thing to magic that exists in the world."

It's amazing to think about the incredible journey we all embarked on when we first stepped into those hallowed halls of engineering education.

Our time at RRCE was more than just an academic experience; it was a transformational phase in our lives. The rigorous coursework, the late-nightstudy sessions, and the camaraderie with our peers molded us into problem solvers and innovators in our field.

Teachers are the architects of our engineering dreams, shaping the foundation of knowledge and igniting the fires of inspiration within us.

I Would like to express my profound gratitude to RRCE for providing us with the education, skills, and mindset to succeed in the field of engineering.I'm excited to see where our journeys take us and the incredible impact we'll continue to make.