

July 2023

RAJARAJESWARI COLLEGE OF ENGINEERING



NEWS LETTER

ELECTRICAL AND ELECTRONICS ENGINEERING SPARKS 2023-24 (ODD SEM)



Dr. A. C. Shanmugam

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



Sri. A.C.S. Arunkumar

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



Dr. R. Balakrishna

Principal, R.R.C.E.



Dr. P. Ebby Darney

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

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. P. Ebby Darney,

HoD, EEE

Prof. Prutha G,

Asst. Prof. EEE

STUDENT COORDINATOR

Pooja H Patel

B Pavan

Madhusudhan Biradar

Wanegaon Aditya Kumar

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

Career Guidance on Higher education

Mr. Abhilash K, talked about the recent breakthroughs in Academics and how helpful it will be for the for students of 5th semester so how well they can prepare in the areas of EEE and encouraged the students to follow their passion in to enroll for higher studies in abroad and requirements needed to fulfill their dreams. He also spoke over the subjects need to be concentrated, and its benefits. He also spoke over the points listed below.

Why Masters in abroad?

What are the requirements?

When to Apply? What is the process?

Budget & Stay Back option, Scholarship Programs

Popular courses & Top Universities for engineering students.

Profile Analysis

Eligibility Criteria for Universities

On Spot University short listing

Spot Service offers based on profiles

Types of Scholarship Based on Universities & Programs

Eligibility Criteria for Loans



Date: 6th July 2023

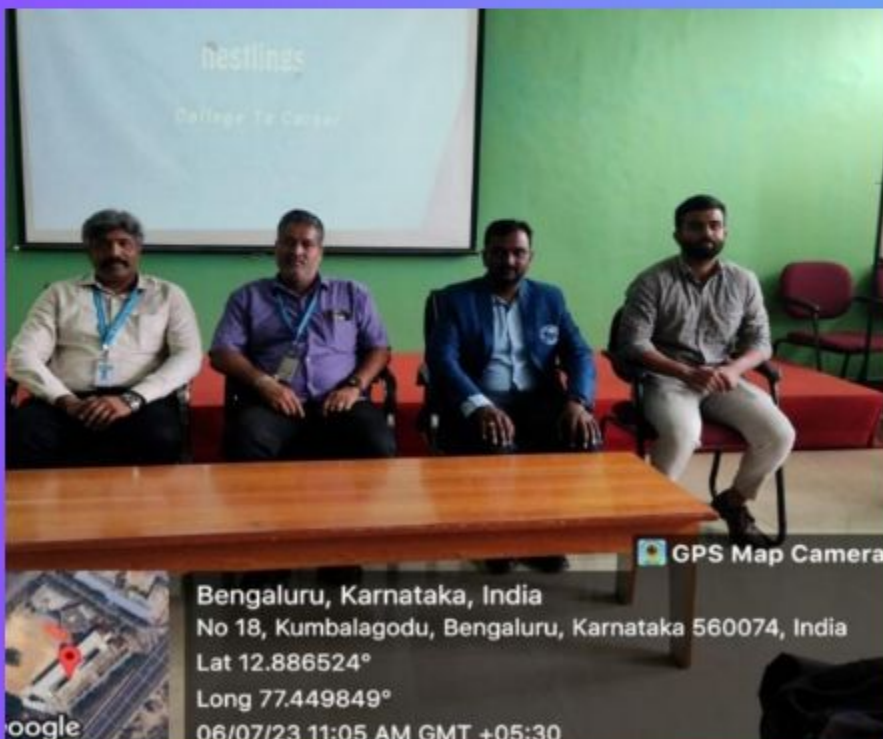
Time: 10:30am -12:30pm

Venue: TESLA Hall, RRCE

Resource Person

Ablilash K, Business Development Manager, Nestlings, Bengaluru.

Mr. Hitesh C, Marketing associate, Nestlings, Bengaluru.



Seminar on The Field Of Electrical And Its Opportunities

An essential component of engineering that deals with the organization, creation, and application of electrical systems is electrical design. Numerous disciplines are included in this topic, such as signal processing, power systems, control systems, and circuit design. This report's objectives are to give a general overview of the electrical design industry and examine the range of prospects it offers.

Creating and defining safe, effective, and dependable electrical systems is the task of electrical design. Small electrical circuits and massive power distribution networks are both included in this. Electrical designers create systems that adhere to strict specifications and standards by combining their theoretical knowledge with practical expertise.

Key Concepts:

- Analysis electronics suite
- Designing of electrical network
- ORCAD, KiCAD, NI Multisim software
- Signal integrity.
- Power management
- Electromagnetic interference
- Rapid technological changes
- Mentor graphics



Date: 27th July 2023

**Venue: Tesla Hall,
RRCE**

Resourse Person :
Ravi Kiran Asset society ,Bengaluru.
Subash , Asset society Bengaluru.

Total numbers of participants: 53

CAREER OPPORTUNITIES IN EMBEDDED SYSTEM WITH IOT

Career opportunities in Embedded systems and IoT some of the popular jobs that you can go for after embedded systems and IoT are as follows whose main function is to update code and provide frequent reports on their actions.

- Engineer in embedded Linux
- Embedded IoT application developer
- Cyber security embedded developer
- Cyber security embedded developer
- Engineer of microcontroller firmware.

Resource Person

Mr. Vijaya Mahantesh, Technical Director, Cadmaxx Edtech, Pvt. Ltd



RAJARAJESWARI COLLEGE OF ENGINEERING
#14, Ramohalli cross, Kumbalgodu, Mysore Road, Bengaluru-74
(Approved by AICTE, New Delhi, Affiliated to VTU)

Department of Electrical & Electronics Engineering & Electronics & Communication Engineering
Organising Seminar on
Career Opportunities in Embedded Systems with IOT

@ 11:00 am
DECEMBER 08, 2023
Venue :ECE Seminar Hall

Mr. Vijaya Mahantesh
Technical Director
Cadmaxx Edtech Pvt Ltd

Program Coordinators

Dr. R Balakrishna Principal, RRCE	Dr. P Ebby Darney HOD - EEE	Dr. L Rangiah HOD-ECE
Prof. Vani S Badiger Assistant Professor	Prof. Udhyami M B Assistant Professor	Prof. Kiruthika K Assistant Professor

CET CODE: E145/ COMED-K: E099/ PGCET: T658
Contact: 9008845678
www.rcce.org



Value added course/Skill training on “Basics of Robotics”

Trainer:

Dr.R.Arul Jose

Associate Professor

Department of EEE

RajaRajeswari College of Engineering

**Introduction to Robotics-
Arduino Programming-
Simulation using Tinkercad**

RAJARAJESWARI COLLEGE OF ENGINEERING
(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)
#1A, Bannohalli Cross, Kumbalagoda, Mysuru Road, Bengaluru-560074
Sponsored by: **INDOGANBICAI CHARITABLE AND EDUCATIONAL TRUST**

Department of Electrical and Electronics Engineering

VALUE ADDED COURSE/SKILL TRAINING
on
BASICS OF ROBOTICS

DATE
16/01/2024 to 20/01/2024

TIME
03:00 - 05:00 PM

VENUE
EEE Lab

REGISTER NOW

TRAINER
Dr.R.Arul Jose, ASP-EEE

STUDENT COORDINATOR
Mr.B.Pavan, III EEE

Dr.P.Ebby Darney
HOD-EEE

Dr.R.Balakrishna
PRINCIPAL


PERSON OPEN FOR 2024-2025
CODE: E145 COMED-K: E099 PG CET: T858
CONTACT: +91-80-28437375

www.rrce.org
Email Id: admission@rrce.org



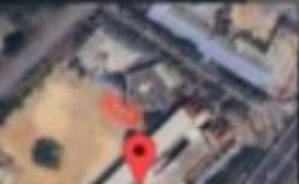
Here will be a brief introduction or teaser for the robot technology. This section serves as a link between the theoretical and the practical knowledge.



 **GPS Map Camera**

Bengaluru, Karnataka, India

rajarajeswari college of engineering No 18, Kumbalagodu, Bengaluru, Karnataka 560074, India



Day 1: The workshop commenced with encouraging speech by Dr.P.Ebby Darney, HoD of EEE Department. The course started an engaging introduction to the fascinating world of robotics and Arduino programming by the Trainer. Participants gained insights into the principles of robotics and the basics of programming using the versatile Arduino platform. The day concluded with hands-on simulation exercises using Tinkercad, allowing attendees to visualize and experiment with their newly acquired knowledge.

Robotics is a multidisciplinary field that combines engineering and computer science to create, build, and control robots. Popular open-source electronics platform Arduino is built on user-friendly hardware and software. An accessible environment for learning and prototyping Arduino projects is offered by Tinkercad, an online 3D modeling and electronics simulation program. The purpose of this paper is to present the fundamentals of Tinkercad simulation, Arduino programming, and robotics.



 **GPS M**

Bengaluru, Karnataka, India

rajarajeswari college of engineering No 18, Kumbalagodu, Bengaluru, Karnataka

India

Lat 12.886535°

Long 77.449844°

16/01/24 03:41 PM GMT +06:30

DAY 2 & 3

**Installation of Arduino Ide-
Realtime Implementation of
Arduino,Buzzer- Ultrasonic Sensor-
IR Sensor-PIR Sensor**

**Bluetooth Module HC-05- Motor
Driver L298N- Developing
Bluetooth Controlled Robot using
Arduino UNO**



Day 2: Participants delved into practical aspects on Day 2, starting with the installation of Arduino IDE. Real-time implementation of Arduino involved working with essential components such as buzzers, ultrasonic sensors, IR sensors, and PIR sensors. This session provided a solid foundation for participants to understand the functioning of these components and their integration with Arduino.



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India
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17/01/24 05:34 PM GMT +05:30

For developing and uploading code to Arduino-compatible boards, the primary platform is the Arduino Integrated Development Environment (IDE). This report covers how to install the Arduino IDE and offers comprehensive instructions for implementing projects utilizing an ultrasonic sensor, an infrared (IR) sensor, a buzzer, and a passive infrared (PIR) sensor in real time.

Day 3: Focused on advanced topics, introducing Bluetooth technology with the HC-05 module and Motor Driver L298N. Participants actively engaged in developing a Bluetooth-controlled robot using Arduino UNO. This hands-on session enhanced their skills in wireless communication and motor control, marking a significant step towards practical applications in robotics.



Bengaluru, Karnataka, India
rajarajeswari college of engineering No 10, Kumbalagodu, Bengaluru, Karnataka 560074,
India
Lat 12.896535°
Long 77.448844°



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rajarajeswari college of engineering No 10, Kumbalagodu, Bengaluru, Karnataka
India
Lat 12.896535°
Long 77.448844°
18/01/24 03:51 PM GMT +05:30

DAY 4 & 5

Developing Line Follower Robot using Arduino UNO Robo Race-Introduction to Various Robots



Day 4:The fourth day centered around the development of a line follower robot, showcasing the integration of sensors and programming logic. Participants learned how to implement algorithms that enable a robot to follow a predefined path. This session emphasized the importance of precision in programming and sensor calibration for successful robotics projects.

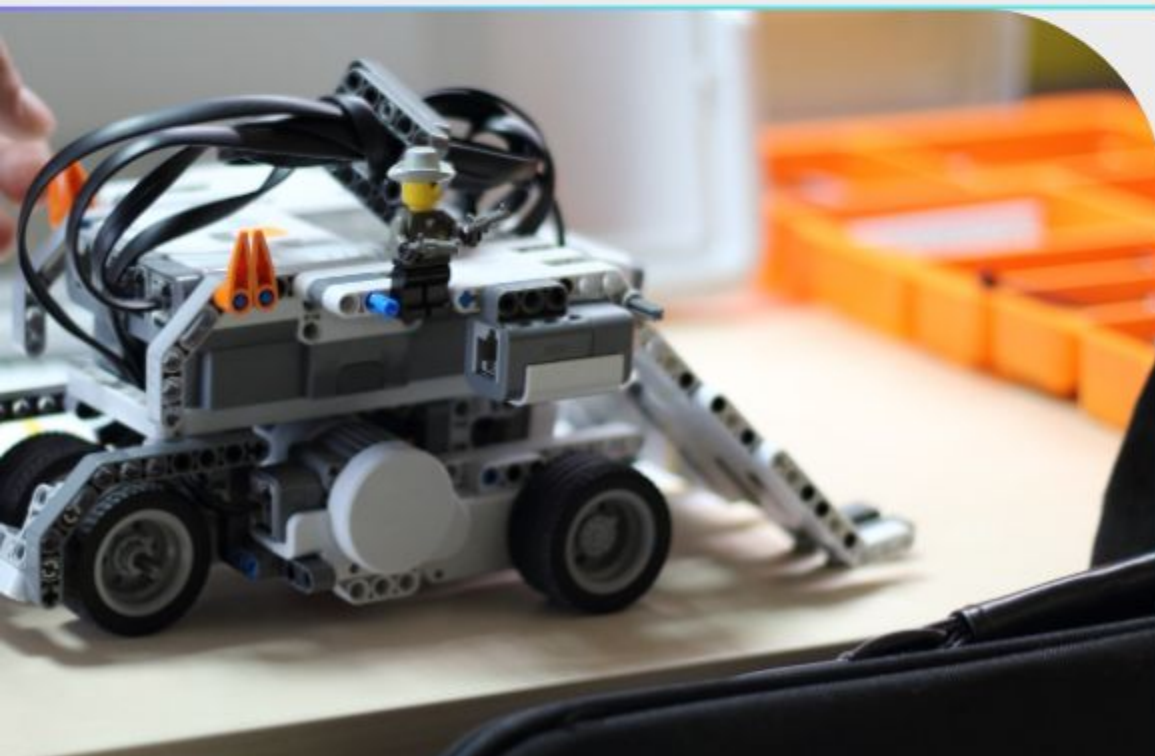
Day 5:The concluding day featured a thrilling Robo Race, where participants demonstrated the practical application of their acquired skills in a competitive environment. The workshop concluded with an introduction to various types of robots, providing a comprehensive overview of the diverse applications in the field of robotics. The valedictory function was headed by Dr.J. Amutharaj, Vice Principal and Dr.P.Ebby Darney, HoD-EEE department. The valedictory ceremony celebrated the achievements of the participants and acknowledged their dedication throughout the workshop.



"Robots are not only a leap in technology but a bridge to a future where machines and humans work in harmony to solve the world's greatest challenges."



"Robots are machines designed to make our lives easier and our work more efficient."



Workshop Finalization

Robot Race & Valedictory Function



The 5 day workshop on Basics of Robotics at Rajarajeswari College of Engineering provided participants with a holistic understanding of robotics principles and hands-on experience in Arduino programming. The combination of theoretical sessions, practical implementations, and a competitive Robo Race ensured that participants left with a well-rounded skill set.



The workshop not only enriched the knowledge of the participants but also fostered a sense of enthusiasm and curiosity for the dynamic field of robotics. The success of this workshop is a testament to the commitment of the EEE department at Rajarajeswari College of Engineering in providing quality hands-on training opportunities to its students.

"Strategies for Drafting Effective Research Proposal"

Resource Person

Dr. Monika Agarwal
Scientist F, Science & Engineering Research Board - DST

#14, Ramohalli Cross, Mysore Road, Kumbalgodu Post, Bangalore - 560074



Dr. A.C. Shanmugam
B.A., M.A., M.Phil., Ph.D., D.Litt.
Chairman, RRG

"STRATEGIES FOR DRAFTING EFFECTIVE RESEARCH PROPOSAL"

Organized By

Dept. of Electrical & Electronics Engg.



Sri. A.C.S. Arun Kumar
B.Tech., M.Tech., M.E., Ph.D., M.Sc.,
Vice Chairman, RRG



Resource Person
Dr. Monika Agarwal
Scientist F
Science & Engineering
Research Board - DST



Date: 16th Feb 2024 Time: 10:30am Venue: Dr. A.P.J. Abdul Kalam Hall

Dr. S.Vijayanand., M. Tech, Ph.D.
Executive Director, RRG

Dr. S.Jeyabalan., Ph.D
Special Officer, RRG

Dr. A.K.Mariappan
Rector, RRCE

On the 16th of February 2024, the Department of Electrical & Electronics Engineering at Rajarajeswari College of Engineering organized a highly informative and insightful session on "Strategies for Drafting Effective Research Proposal." This event took place at the prestigious Dr. A.P.J. Abdul Kalam Hall within the college premises. The event commenced at 11:00 AM with a welcome address by Dr. Balakrishna R, Principal, RajaRajeswari College of Engineering, highlighting the importance of research and proposal writing in academia and industry.

The keynote address was delivered by Dr. Monika Agarwal, a distinguished Scientist F at the Science & Engineering Research Board, Department of Science and Technology (DST). Dr. Agarwal shared her extensive knowledge and experience in the field of research, providing valuable strategies and methodologies for drafting effective research proposals. Her session covered various crucial aspects such as identifying research gaps, formulating research questions, structuring proposals, and tips for successful funding applications. The event was well-attended by faculty members, researchers, and students who gained a deeper understanding of the intricacies involved in crafting research proposals that stand out and secure funding.

Dr. Agarwal's engaging presentation and practical insights were highly appreciated by all attendees. The organizing team ensured the smooth execution of the event, fostering an environment conducive to learning and interaction. The session concluded with a Q&A segment, where participants had the opportunity to clarify their queries and seek further guidance from Dr. Agarwal. Overall, the event was a grand success, contributing significantly to the academic and research capabilities of the participants. The Department of Electrical & Electronics Engineering at Rajarajeswari College of Engineering continues to demonstrate its commitment to fostering research excellence and academic growth through such enriching initiatives.

BEST PERFORMANCE OF STUDENTS

Achievements



"Success is no accident. It is hard work, perseverance, learning, studying, sacrifice, and most of all, love of what you are doing or learning to do." — Pelé

Congratulations to Our Innovators!

We are thrilled to announce that our second-year students from RRCE have achieved an outstanding victory at the technology innovation forum held in Mysore, organized by the Mysore College of Engineering and Management. By addressing the real-life challenges faced by farmers in our village, they secured the first prize in the Innovative Projects and Model competition.

Best wishes and heartfelt congratulations to Mr. Pavan, a second-year student in the Electrical and Electronics Engineering (EEE) department, and Mr. Dore Chandra, a second-year Mechanical Engineering (ME) student. Your dedication, creativity, and hard work have brought great honor to our college. We are incredibly proud of your achievements and look forward to seeing your continued success in the future.



We are delighted to announce that our second-year students from RRCE have achieved remarkable success at the technology innovation forum in Mysore, hosted by the Mysore College of Engineering and Management. By addressing the challenges faced by the farmers in our village, they earned first place in the Innovative Projects and Model competition.

Our Student dedication, ingenuity, and hard work have brought immense pride to our institution. We are incredibly proud of your accomplishments and look forward to witnessing your continued achievements in the future.

STUDENTS INDUSTRY VISIT

Industrial Visit



"Knowledge without application is like a book that is never read." — Christopher Crawford

Report of visit to M/s Bharath Arts and Crafts, Channapatna, Ramnagara (Dt) on Wednesday, December 13, 2023 related to the topic SOCIAL CONNECT & RESPONSIBILITIES of Electrical & Electronics Engineering third-semester students

As everyone is aware, Channapattana is well-known for producing wooden toys. First, we went to the toys store in Channapattana, where we bought a few toys and learned about the several handmade production processes used to make wooden toys. Every toy had a really enticing tune that made you want to buy everything in the store. When we spoke with the employees of the toy store, they provided us with details regarding the different kinds of wood and how wooden toys are made.

Industrial Visit to Shimsha Power Plant



Students Understood :

Working on solar power plant during their visit & and also learned about single line and SCADA System



Industrial Visit to Bharath Arts and Crafts Toy Factory



All of the toys were constructed from a variety of woods, including rosewood, neem, and aleemara. They import another wood, which comes from a very special tree 50 kilometers away from Channapattana. Not only did the company develop play kits for kids, but they also produced key chains, kitchen set accessories, bangles, showcase dolls, and educational toys and playing boards. The natural colors they use on the toys come from turmeric and a variety of other sources.

JOURNALS AND CONFERENCES



FACULTY ACHIEVEMENTS

- Dr. P Ebby Darney, “Top of FormBottom of FormDocument Security within Institutions Using Image Steganography Technique”, International Journal of Creative Research Thoughts (IJCRT), ISSN: 2320-2882, April 2023.
- Prof. Prutha G, “Top of FormBottom of FormWireless Charging to EV through Renewable”, Compliance Engineering Journal Volume 14, Issue 5, ISSN No: 0898-3577, May 2023.
- Prof. Prutha G, “Top of FormBottom of FormBiometric Start to Electric Vehicle”, Compliance Engineering Journal Vol 14, Issue 5, pp 62 - 65, ISSN No: 0898-3577, May 2023.
- Dr. P Ebby Darney, “Top of FormBottom of FormSmall Rate DDoS Violence Documentation and Protection by SDN built on Machine Learning Technique”, International Journal for Research Trends and Innovation (IJRTI), Vol 8, Issue 6, pp 336 - 341, ISSN NO:2456-3315, June 2023.
- Dr. P Ebby Darney, “Top of FormBottom of FormThe investigation of Network Security, including Penetration attacks and potential Security Mechanisms”, International Journal for Research Trends and Innovation (IJRTI), Vol 8, Issue 10, pp 809 – 815, ISSN NO:2456-3315, Oct 2023.
- Dr. P Ebby Darney, “Top of FormBottom of FormAn Evolutionary Combinatorial Approach to Stumpy CMOS Transconductance Operational Apex Amplifier Design and Optimization”, ICTACT Journal on Microelectronics, Vol 9, Issue 2, pp 1568 - 1574, DOI : 10.21917, July 2023.
- Prof. Bharathi V, “Top of FormBottom of FormAn Evolutionary Combinatorial Approach to Stumpy CMOS Transconductance Operational Apex Amplifier Design and Optimization”, ICTACT Journal on Microelectronics, Vol 9, Issue 2, pp 1568 - 1574, DOI : 10.21917, July 2023.
- Prof. Sincy Elezebeth Kuruvilla, “Top of FormBottom of FormAn Evolutionary Combinatorial Approach to Stumpy CMOS Transconductance Operational Apex Amplifier Design and Optimization”, ICTACT Journal on Microelectronics, Vol 9, Issue 2, pp 1568 - 1574, DOI : 10.21917, July 2023.
- Prof. Kiruthika K, “Top of FormBottom of FormPMU Data Analysis and Cyber Security in Smart Grid”, TELEMATIQUE, Vol. 22, Issue 1, pp 2364 - 2371, ISSN: 1856-4194, Aug 2023.
- Dr. P Ebby Darney, “Top of FormBottom of FormA Systematic Mapping Study of Recommendation Systems in Education”, International Journal for Research Trends and Innovation (IJRTI), Vol 8, Issue 10, pp 809 – 815, ISSN No: 2456-3315, Oct 2023.
- Dr. P Ebby Darney, “Top of FormBottom of FormRaw Data Analysis of Deep Learning Possibilities for Breast Cancer Detection”, International Journal of Creative Research Thoughts (IJCRT), Vol 11, issue 11, pp 623 - 632, ISSN: 2320-2882, Nov 2023.

- Dr. P Ebby Darney, “Top of FormBottom of FormInfluence and Potential on Research Problems in Recommender Systems”, International Journal of Creative Research Thoughts (IJCRT), Vol. 11, Issue 10, pp 65-74, ISSN: 2320-2882, Oct 2023.
- Dr. P Ebby Darney, “Top of FormBottom of FormComputational and Investigational Proportional Flow Study on Cd Nozzle”, International Journal for Multidisciplinary Research (IJFMR), Vol 5, Issue 6, pp 1 - 8, E-ISSN: 2582-2160, Nov 2023.
- Dr. P Ebby Darney, “Top of FormBottom of FormSimulation and Evaluation of the Superconducting Coils by Employing FEM”, International Journal of Science and Research (IJSR), Vol 13, Issue 3, pp 1479 - 1483, ISSN NO:2319-7064, March 2024.
- Prof. Prutha G, “Top of FormBottom of FormA Hybrid Electricity Generation In Highways Using Wind And Solar Energy”, International Journal of Creative Research Thoughts (IJCRT), ISSN: 2320-2882, March 2024.
- Prof. Kruthika K, “Top of FormBottom of FormSolar Cap with Mobile Charging”, International Journal of Creative Research Thoughts (IJCRT), ISSN: 2320-2882, March 2024.
- Prof. Shivalingaiah K L, “Top of FormBottom of FormHybrid Solar Seeder For Agriculture With Dual Power”, International Journal of Creative Research Thoughts (IJCRT), ISSN: 2320-2882, March 2024.
- Dr. P Ebby Darney, “Top of FormBottom of FormThe Effect of the Interfacial Resistance of the Superconducting-Stabilizer Film on the Typical Sector Diffusion Pace For 2g Hts Tapes”, International Journal for Multidisciplinary Research (IJFMR), Vol 6, Issue 2, pp 1 - 11, E-ISSN: 2582-2160, March 2024.
- Prof. Udhyami M B, “Top of FormBottom of FormSolar Based Grass Cutter”, International Journal of Creative Research Thoughts (IJCRT), ISSN: 2320-2882, March 2024.
- Dr. P Ebby Darney, “Top of FormBottom of FormA Deep Learning Framework for Early Detection of Heart Attack Risk and Cardiovascular Conditions using Retinal Images”, IEEE International Conference on Emerging Research in Computational Science – ICERCS’23, ISBN: 979-8-3503-5976-3, Dec 2023.
- Dr. P Ebby Darney, “Top of FormBottom of FormSmart Home Automation with Smart Metering using ZigBee Technology and Deep Belief Network”, 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT), DOI:10.1109/IDCIoT59759.2024, January 2024.
- Prof. Avinash C M, “Top of FormBottom of FormSmart Home Automation with Smart Metering using ZigBee Technology and Deep Belief Network”, 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT), DOI:10.1109/IDCIoT59759.2024, January 2024.
- Dr. P Ebby Darney, “Top of FormBottom of FormAn AI-Enhanced IoT Model for Three-Way Authentication and Location Tracking in Secured Jewellery Boxes”, International Conference on Mobile Computing and Sustainable Informatics (ICMCSI 2024), ISBN: 979-8-3503-9523-5, January 2024.
- Prof. Sincy Elezebeth Kuruvilla, “Top of FormBottom of FormPredictive Parenting: An IoT-Enabled Cradle System with AI-Driven Sleep Pattern Analysis”, 5th International Conference on Mobile Computing and Sustainable Informatics (ICMCSI 2024), ISBN: 979-8-3503-9523-5/24, January 2024.
- Dr. R Arul Jose, “Top of FormBottom of FormForeScanGuard: Proactive Monitoring and Detection for Sustainable Forest Conservation”, International Conference on Inventive Computation Technologies (ICICT), DOI: 10.1109/ICICT60155.2024.10544388, April 2024.





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 Solar Phone Case during March 2023.
- Prof. Udhyami M B, Assistant Professor has filled patent on the project Smart Helmet Sensor for Rider and Pillion Rider. Their Patent is published during January 2023.
- Prof. Prutha G, Assistant Professor has filled patent on the project Smart Helmet Sensor for Rider and Pillion Rider. Their Patent is published during January 2023.
- Prof. Kiruthika K, Assistant Professor has filled patent on the project Smart Helmet Sensor for Rider and Pillion Rider. Their Patent is published during January 2023.
- Prof. Nandini N, Assistant Professor has filled patent on the project Smart Helmet Sensor for Rider and Pillion Rider. Their Patent is published during January 2023.
- Prof. Avinash C M Assistant Professor has filled patent on the project Smart Helmet Sensor for Rider and Pillion Rider. Their Patent is published during January 2023.
- Dr. P Ebby Darney, HOD and Professor has filled patent on the project Impact and analysis of green concept in Mechanical design and Manufacturing Industry. The Patent is published during March 2023.
- Dr. P Ebby Darney, HOD and Professor has published patent on the project Solar Phone Case. Their Patent is granted and published during March 2023.

Placement Details

1. Manoj G (1RR19EE013) placed in Quad Gen Mas Tec.
2. N Leelanjali (1RR19EE015) placed in Quad Gen Mas Tec.
3. Sreehari K (1RR19EE026) placed in Quad Gen Mas Tec.
4. Suvarna P U (1RR19EE028) placed in Quad Gen Mas Tec.
5. Yashas S M (1RR19EE031) placed as an intern in Honeywell.
6. Abrin Nisha J (1RR19EE001) placed in Intellipat Software Solutions Pvt. Ltd.
7. N Leelanjali (1RR19EE015) placed in Vintrus.
8. Yashas S M (1RR19EE031) placed in Codeyoung.
9. Anusha S G (1RR19EE004) placed in Vintrus.
10. Abrin Nisha J (1RR19EE001) placed in FACE.
11. Anusha S G (1RR19EE004) placed in FACE.
12. Abrin Nisha J (1RR19EE001) placed in Vintrus.
13. Vaibhav S (1RR19EE030) placed in Textron.
14. Krishna Pawar (1RR19EE010) placed in Codeyoung.
15. Rakesh G (1RR19EE023) placed in Vintrus.
16. Uttam M (1RR20EE402) placed in HARS MEP Consulting Pvt.LTD.
17. Yatish Gowda H(1RR19EE032) placed in HARS MEP Consulting Pvt.LTD.
18. Brunda B (1RR19EE006) placed in FACE.
19. Nivedha D (1RR19EE017) placed in FACE.
20. Shambhavi M N (1RR19EE024) placed in FACE.
21. Shambhavi M N (1RR19EE024) placed in Vintrus.

"Believe in yourself and all that you are. Know that there is something inside you that is greater than any obstacle." — Christian D. Larson

