News letter of Department of Electrical and Electronics Engineering.
K.Ramakrishnan college of Engineering,Samapuram, Tiruchirapalli.
Issue 4 (DEC 2024)

K.Ramakrishnan College of Engineering

Autonomous| Affiliated to Anna University Chennai

INSTITUTE VISION AND MISSION

VISION

- "To achieve a prominent position among the top technical institutions"

MISSION

- To bestow standard technical education par excellence through state of the art infrastructure, competent faculty and high ethical standards.
- To nurture research and entrepreneurial skills among students in cutting edge technologies.
- To provide education for developing high-quality professionals to transform the society.

The Department of Electrical and Electronics Engineering (EEE) at K. Ramakrishnan College of Engineering (KRCE), established in 2008, is committed to delivering quality education, fostering innovation, and providing industry-oriented learning. The department offers undergraduate and postgraduate programmes, including an M.E. in Power Systems Engineering (since 2013), designed to meet global technological demands.

The department has a team of 16 highly qualified faculty members. All faculty members hold postgraduate degrees in various specializations such as Power Systems Engineering, Power Electronics and Drives, Embedded Systems, Control and Instrumentation, High Voltage Engineering, Power Management, Process Dynamics and Control, and Energy Engineering. Among them, 7 are Ph.D. holders and 8 faculty members are pursuing doctoral research, fostering a strong academic and research culture.

With well-equipped laboratories such as Electrical Machines Laboratory, Power Electronics and Drives Laboratory, and Control & Instrumentation Laboratory, along with advanced research facilities, the department ensures hands-on learning and technical excellence. ICT-enabled classrooms, high-speed internet connectivity, and 24/7 Wi-Fi access creates a smart learning environment.

The department has an outstanding academic record with 36 University Rank holders, including a University First Rank. The institution is accredited by NAAC with an "A" grade, and the EEE program was accredited by the National Board of Accreditation (NBA) in 2019. KRCE attained Autonomous Status in 2020, enabling the department to design a dynamic and industry-relevant curriculum aligned with emerging technologies.

To enhance employability, structured training is provided from the third semester and dedicated placement drives for core companies are conducted. Over 95% of interested students have been placed in leading multinational companies such as TCS, Wipro, Cognizant, HCL Technologies, Hitachi, Capgemini, and Zoho, as well as in core engineering companies such as ABB, Schneider Electric, General Electric (GE), PDCS, 3 Phase Engineering, and ModPro.

The department strongly promotes higher education and global exposure. Students have qualified in competitive examinations and are pursuing higher studies in premier institutions such as Anna University and National Institutes of Technology (NITs), as well as internationally reputed universities including the University of Hertfordshire (UK) and Steinbeis University (Germany).

Research and innovation are key strengths, with four recognized research supervisors, publications in SCI and Scopus-indexed journals, and funding support from agencies such as AICTE, DST, IEEE, ISTE, IEI, and TNSCST. Strong industry collaboration through MoUs, consultancy works, and internships enhances real-world learning.

Students actively participate in and win accolades at national-level competitions such as TCS CodeVita, YUKTHI Innovation Challenge, and AICTE Vishwakarma Awards. Professional development is further supported through active student chapters of IEEE and IEI.

With a focus on academic excellence, global competence, and holistic development, the department prepares future-ready electrical engineers to address industry requirements and societal challenges worldwide.

DEPARTMENT VISION AND MISSION

VISION

"To emerge as a renowned department for high quality teaching,learning and research in the domain of Electrical and Electronics Engineering, producing professional engineers, to meet the challenges of society."

MISSION

- To establish the infrastructure resources for imparting quality technical education in Electrical and Electronics Engineering.
- To achieve excellence in teaching, learning, research and development.
- To impart the latest skills and developments through practical approach along with moral and ethical values.

RESEARCH

Research activities of EEE department is centered around the core domains of Power systems, Power Electronics, Electrical Drives, High Voltage Engineering, Optimization, Electrical machines, Renewable Energy systems, Power quality, FACTS, Energy conservation, and management. To impart and promote research interest among students in the above core domains of EEE, we encourage the students to perform regular R&D projects resulting in journal and conference publications or patents. Workshops, industry oriented seminars and conferences are also organized in our department to help the students of our department to enhance the knowledge in state-of-the art. Our R & D team is also actively involved in getting funds from IEEE, TNSCST, MNRE,DST etc.

Our department is recognized as R & D centre by Anna University, Chennai where several research scholars are doing Ph.D. in various domains. The Research laboratory is developed with the aim of enhancing the research capabilities for power engineers in the Electrical and Electronics Engineering department. These laboratories will be devoted to solving problems in cutting edge research topics of promise to future applications. It supports undergraduate, postgraduate and research scholars to enhance rapid technology transfer in various domains in the field of Energy, Power Systems Engineering and Power Electronics and Drives.

HIGHLIGHTS OF RESEARCH CENTRE

1. The department has been recognized as Research Centre by Anna University, Chennai since November 2017.
2. The research centre has two research supervisors recognized by Anna University, Chennai.
3. Eleven Research Scholars have registered for Ph.D. programme in the department research centre, in Part-Time category.
4. The faculty members and research scholars of our department consistently publish papers in referred national & international journals/conferences.
5. The Department is regularly conducting International Conference on Innovations in Engineering, Technology and Science (ICIETS) every academic year to promote academic research.
6. The Department of EEE has state of art facilities in research laboratory and is actively involved in collaborating with industries for research and consultancy works.

DESCRIPTION

The Research lab shows a new mechanism to improve the innovation ability of research scholars and to collaborate with the industry persons. It provides a platform for the research scholars in the department to share their knowledge in their field of expertise. It also helps the post graduate students to understand the basic necessity in doing research and to acquire guidance from the experts in various domains. The lab also supports in conducting lab sessions while conducting national/international short term training programs and workshops to all the participants satisfying their thirst in the recent fields of power systems and power electronics. Research in the department may be broadly divided into so-called "thrust" areas:

Renewable Energy Systems
Smart Grid Technology
Power System Deregulation
Soft Computing Techniques
Design and Analysis of Power Converters
Energy Conservation
Electrical Drives

RESEARCH SOFTWARES:

1. Mi Power Software Version 9.1, 5 User Network Licence, Unlimited number of buses and nodes
2. ETAP version 7.5.2, 10 user, 50 bus system
3. Matlab R2015a, software, 15 user
4. NI LabVIEW Full Package, 25 user
5. PSPICE software 25 user
6. PROTEUS software
7. MYRIO hardware ,10 user
8. MYDAQ hardware 10 user

RESEARCH EQUIPMENTS

1. EM-Type Over current Relay testing kit
2. Fluke 438- II / INTLI - Power Quality& Motor Analyzer.
3. AC Drives Training kit G120 with Sinamics 3 phase IM (Siemens)
4. DC Drives Training kit Sinamics DC Master 6RA80(Siemens)
5. Speed control of DC motor using Chopper
6. Re-programmable logic devices & programming (V/F Control)
7. Automatics voltage regulation of three phase Synchronous generator
8. 250KW Roof Top Solar power Plant with Grid Connected facility
9. Wind speed sensor DWT 8102
10. Air Temperature sensor DWT 8103
11. Relative humidity sensor DTH 8103
12. Module(Surface temperature model DWMT 8104)
13. Pyrometer Sensor DWR 8101
14. 4 Channel data logger DWL 1002
15. Hand held Anemometer DHA 111
16. 60KV Transformer BDV Oil test kit
17. Solar PV Module Training Kit
18. Fuel Cell Module Trainer Kit

19. Various electrical machines and meters

The research laboratories will be devoted to solving problems in cutting edge research topics of promise to future applications. EEE department will continue to help students in shaping them as future professionals and assist them to improve their performance by imparting career oriented courses periodically. Hands-on experience on practical power quality analyzer and motor analyzer are employed. This laboratory provides periodical in-house training programs and national level workshops for the UG/PG engineering students to bring out professional and technical excellence in them in order to bridge the gap between industries and academia. The main objective is to disseminate knowledge and appropriate skill practices through proper systems of training testing and certification.

PROGRAM EDUCATIONAL OBJECTIVES:

PEO1: Have Strong foundation in Electrical and Electronics Engineering to Excel in professional career, in higher studies or research.

PEO2: Analyze, design and develop various interdisciplinary projects and products, to contribute industrial needs and societal development.

PEO3: Have Professional ethics and effective communication skills with life-long learning attitudes.

PROGRAM OUTCOME (PO)

PO1 Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2 Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4 Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO6 The Engineer and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings

PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11 Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12 Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

PROGRAM SPECIFIC OUTCOME (PSO)

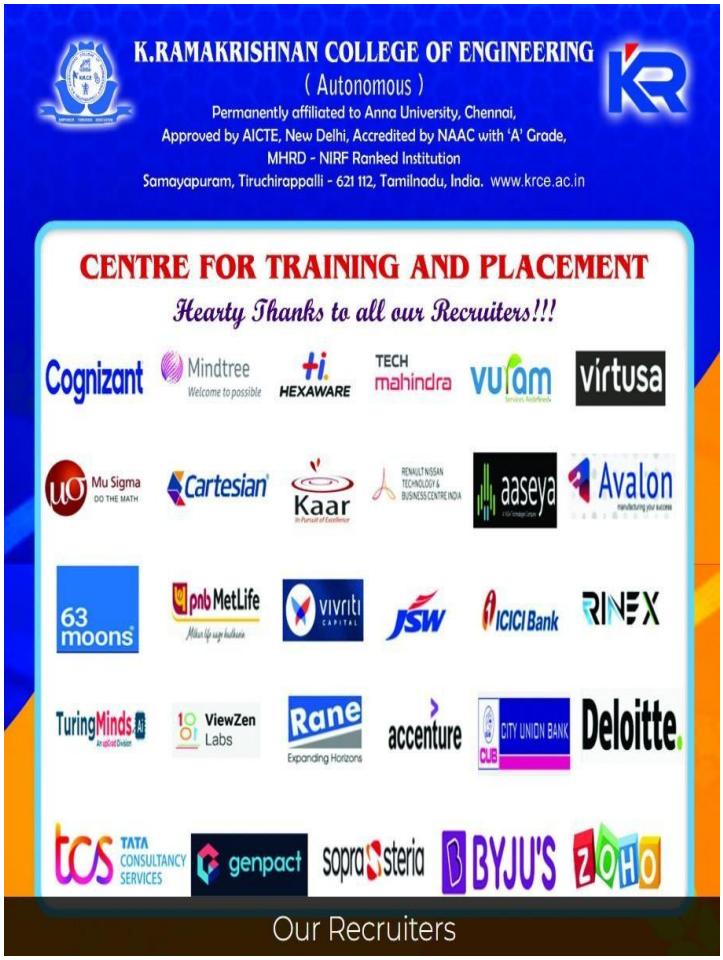
PSO 1: Apply logical, analytical and technical skills to model and develop electrical systems and appliances that meet societal requirements.

PSO 2: Apply fundamental and advanced knowledge of Electrical and allied Engineering in the design and development of hardware and software tools for non-conventional electrical power generation and distribution.

PLACEMENT

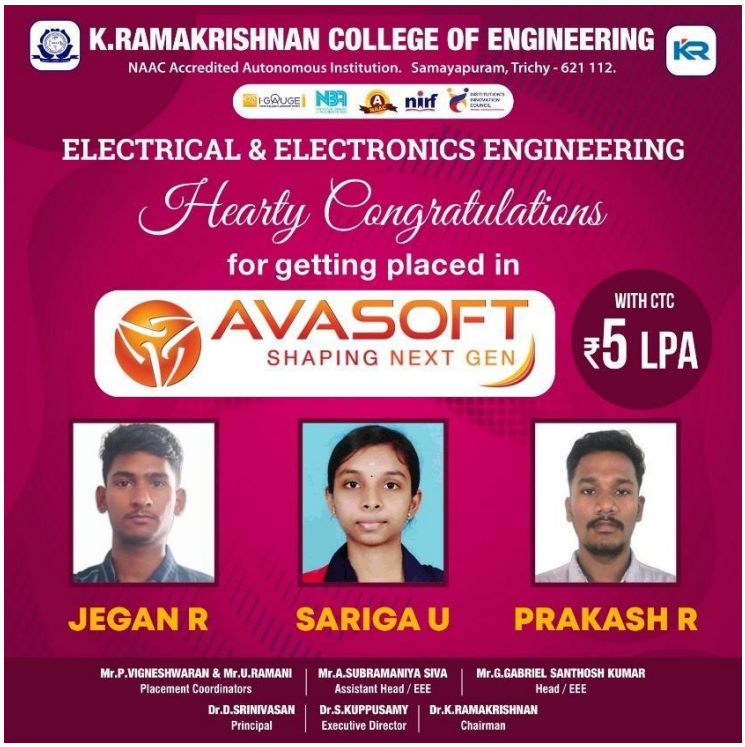
The Training and Placement Cell organizes a number of training programs for the students of all semesters with the help of in-house experts and experts drawn from professional agencies. The activities have proved exceptionally useful in shaping the career of students. The staff members of the placement cell work together as a team in molding the students to the requirements of various industries. In order to motivate and develop the personality of students, several HRD training programs are con- ducted regularly. To impart training to all students to develop their employability skills and to be good Corporate Executive and Civilized Citizen.







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NAAC Accredited Autonomous Institution. Samayapuram, Trichy - 621 112.
ELECTRICAL & ELECTRONICS ENGINEERING
Hearty Congratulations
for getting placed in
AVASOFT
SHAPING NEXT GEN
WITH CTC
₹5 LPA
JEGAN R
SARIGA U
PRAKASH R
Mr.P.VIGNESHWARAN & Mr.U.RAMANI
Placement Coordinators
Mr.A.SUBRAMANIYA SIVA
Assistant Head / EEE
Mr.G.GABRIEL SANTHOSH KUMAR
Head / EEE
Dr.D.SRINIVASAN
Principal
Dr.S.KUPPUSAMY
Executive Director
Dr.K.RAMAKRISHNAN
Chairman


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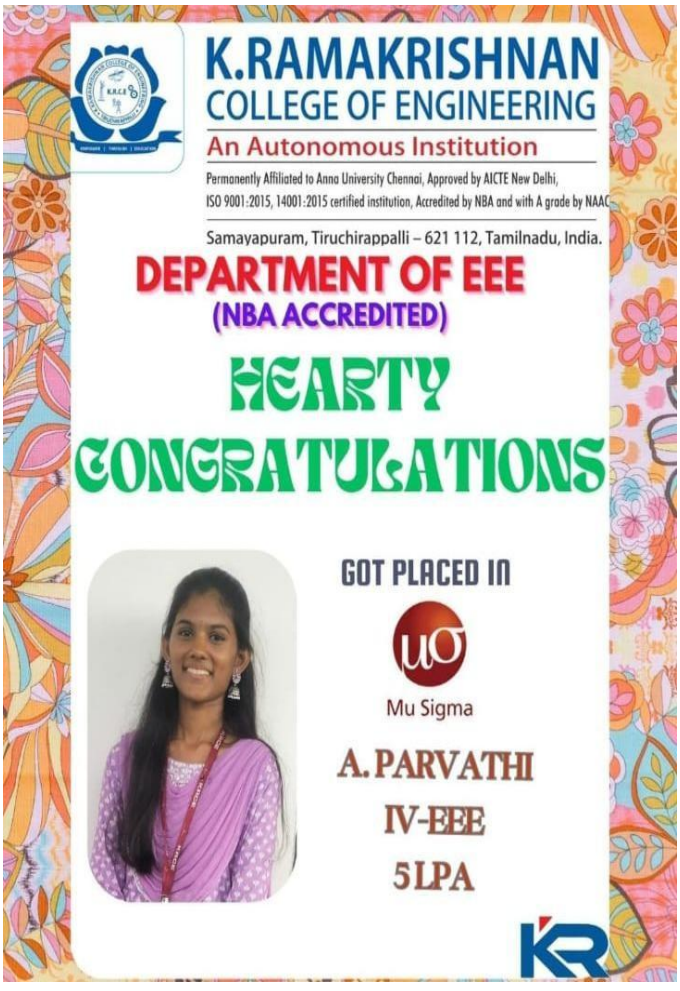
3PHASE ENGINEERING SOLUTIONS PRIVATE LIMITED
with CTC ₹2.4 LPA
AAKASH A
SASIDHARAN A
NAVEEN RAJ T
Mr.P.VIGNESHWARAN & Mr.U.RAMANI
Placement Coordinators
Mr.A.SUBRAMANIYA SIVA
Assistant Head / EEE
Mr.G.GABRIEL SANTHOSH KUMAR
Head / EEE
Dr.D.SRINIVASAN
Principal
Dr.S.KUPPUSAMY
Executive Director
Dr.K.RAMAKRISHNAN
Chairman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Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.
DEPARTMENT OF EEE
(NBA ACCREDITED)
HEARTY
CONGRATULATIONS
GOT PLACED IN
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A. PARVATHI
IV-EEE
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ZOHO
A.PARVATHI
IV-EEE
5.6 LPA

FACULTIES PUBLICATION IN CONFERENCE.

1.Mr.U.Ramani published a conference paper in IEEE Xplore titled " RFID Based Real-Time Battery Monitoring System for Electric Vehicle Charging" in August 2023.

2. Mr.U.Ramani published a conference paper in IEEE Xplore titled "Fault Prediction of Induction Motor Using machine Learning Algorithms" in January 2024.

3. Mr.P.Vigneshwaran published a conference paper in IEEE Xplore titled "Improvisation of Electric Vehicle Charging using PV Module and Efficient Wind Turbine" in February 2024.

4. Mr. A. Subramaniya Siva published a conference paper in 2024 Third International Conference on Power, Control and Computing Technologies (ICPC2T)-IEEE Xplore titled "Supraharmonic Analysis by Welch's -Power Spectral Density Estimation" in MAR 2024-scopus indexed.

5. Dr. S. Titus published a conference paper in 2023 International Conference on Energy, Materials and Communication Engineering (ICEMCE) titled "Iot-Enabled Smart Grid Monitoring Enhanced With Sepic Converter And Ann Based Maximum Power Point Tracking" in Feb 2024.

6. Mr. T. Vadivelan published a conference paper in 2023 2nd International Conference on Edge Computing and Applications (ICECAA) titled "Programming Routine Tasks Utilizing Scripting Automation In Generation Of Qscan Database Publisher" in Aug 2023.

7. Mr. A. Subramaniya Siva published a conference paper in IEEE Xplore titled "Remote Monitoring of Energy Meter using Cloud Storage" in august 2023.

8. Mr.A.Prabhu published a conference paper in IEEE Xplore titled "Real Time Investigation of IoT based Sun follower : A Computer Assisted System" in February 2024.

9. Mr.P.Vigneshwaran published a conference paper in IEEE Xplore titled "Aquila Optimization Algorithm based feature selection with optimal machine learning for security Internet of Things environment" August 2024

10. Dr. K. Dhayalini published a conference paper in IEEE Xplore titled "Development of predictive model based mobile application for maturity stage identification of Indian traditional red bananas" in july 2024.

FACULTIES PUBLICATION IN JOURNAL

1. Dr. R. Manivasagam published a journal titled "Hybrid wind-PV farm with STATCOM for damping & control of overall chaotic oscillations in two-area power system using hybrid technique" in Solar Energy In July 2023-SCI Indexed.
2. Dr. R.Arulraj published a journal titled "A novelty approach to solve an economic dispatch problem for a renewable integrated micro-grid using optimization techniques" in Electrical Engineering & Electromechanics in August 2023.
3. Dr. R. Ilango published a journal titled "Design of a 15-Level Non-Modular Multilevel-Inverter in a Grid-Connected Solar PV System: A Hybrid ZOA-SNN Technique" in IETE Journal of Research in September 2023-SCI indexed.
4. Mr.G. Gabriel Santhosh Kumar published a journal titled "Hybrid Artificial Rabbit Optimization and Perturb & Observe MPPT for Grid-Connected PV System" in Electric Power Components and Systems in September 2023-SCI Indexed.
5. Mr.V. Ashokkumar published a journal titled "PSO-ANFIS-Based Energy Management in Hybrid AC/DC Microgrid along with Plugin Electric Vehicle" in International Journal of Photoenergy in October 2023-SCI Indexed.
6. Dr.S.Titus published a journal titled "IoT-based monitoring of smart grid using high-gain converter with optimized maximum power point tracking" in Electrical Engineering in October 2023-SCI indexed.
7. Dr. K. Dhayalini published a journal titled "Hybrid optimized control of bidirectional off-board electric vehicle battery

charger integrated with vehicle-to-grid" in Journal of Energy Storage in February 2024-SCI indexed.

8. Dr. K. Dhayalini published a journal titled "Comparative Analysis of Deep Learning in Detecting Cognitive Impairment Associated with Alzheimer's Disease" in International Journalof INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING (IJIASE) in march 2024-SCI indexed.
9. Dr.S.Titus published a journal titled "Compact Novel Circular Shaped Fractal Quad-Port Mimo Antenna Loaded With Dgs And Stub For 6G, Wimax And Weather Monitoring" in Optical and Quantum Electronics in march 2024-SCI indexed.
10. Mr. A. Subramaniya Siva published a journal titled "Supraharmonic Mitigation In Microgrid And Electric Vehicle Charging Station Through Multilevel Converter" in Indonesian Journal of Electrical Engineering and Computer Science in dec 2023.-Scopus indexed.
11. Dr. R. Ilango published a journal titled "A T-Shape Connected Multilevel Inverter Topology With A Reduced Number Of Switching Devices" in International Journal Of Renewable Energy Research in september 2023-Scopus indexed.
12. Dr. K. Dhayalini published a journal titled "Enhancing the energy storage performance of titanium dioxide electrode material by green doping of Nd2O3 nanoparticles for electrochemical supercapacitors" in Journal of the Indian Chemical Society in may 2024-SCI indexed.
13. Dr. K. Dhayalini published a journal titled "IoT- Enabled Intelligent Irrigation System with Machine Learning based monitoring, for Effective Rice Cultivation" in International Journalof INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING (IJIASE) in January 2024-SCI Indexed.
14. Dr. R. Ilango published a journal titled "Dual tri-isolated DC H-6 inverter with minimal power components design" in Indonesian Journal of Electrical Engineering and Computer Science in june 2024-SCOPUS indexed.
15. Dr.V. Ashokkumar published a journal titled "Enhanced Dwarf Mongoose Optimization Based Node Localization Scheme for Underwatwer Wireless Sensor Networks" in Technical Gazette in june 2024-SCIE Indexed.
16. Dr.S. Titus published a journal titled "Design of Multiband Diamond Fern Fractal Microstrip Patch Antenna for Vehicular Application Systems" in SSRG International Journal of Electronics and Communication Engineering in December 2023-SCOPUS Indexed.
17. Mr. A. Subramaniya Siva published a journal titled "Comparative harmonic elimination techniques for supraharmonics reduction in microgrid" in Bulletin of Electrical Engineering and Informatics in august 2024-Scopus Indexed.
18. Dr. K. Dhayalini published a journal titled "AI-Driven Simulation of Complex Physical Systems: Insights from Statistical Mechanics" in Letters in High Energy Physics in October 2024-SCIE Indexed.
19. Dr. K. Dhayalini published a journal titled "Enhanced performance of novel green synthesized CuS nanostructures decorated with Rh and Pd nanoparticles for energy generation and gas sensing applications" in optical materials in Nov 2024-SCIE Indexed.

STUDENTS PUBLICATION:

1. G.Ranjith IV EEE student published a conference paper in IEEE Xplore titled "RFID Based Real-time battery monitoring system for Electric Vehicle charging" in august 2023.
2. Clive Nelson C, Gunasingraj J,Hariharan.P and Mohanraj.S IV year Students published a conference paper in IEEE Xplore titled "Smart rat repeller for car using ultrasonic" in September 2023
3. G.Ranjith IV EEE student published a conference paper in IEEE Xplore titled "Fault Prediction of Induction Motor Usingmachine Learning Algorithms" in jan 2024.
4. K.Jayashree, S.Pavithra, R.Preethi, A.Swetha published a conference paper in IEEE Xplore titled "Remote Monitoring of Energy Meter using Cloud Storage" in august 2023.

EVENTS ORGANISED:

2024 Third IEEE Conference on Electrical, Electronics, Information and Communication Technologies.

We are conducted 3 days on “IEEE sponsored Third International Conference on Electrical, Electronics, Information and Communication Technologies“from 24.07.2024 to 26.07.2024 in the college campus. For this program overall 1900 manuscripts were received and around 300 papers accepted for the presentation from various countries like Malaysia, Oman, Philippines, Iraq & USA. The participants from various states of our country also Participated in the event.





IEI Workshop on ROLE OF AI IN HYBRID ELECTRIC VEHICLES AND BATTERY MANAGEMENT SYSTEM:

The Department of EEE conducted 2 days workshop on” ROLE OF AI IN HYBRID ELECTRIC VEHICLES AND BATTERY MANAGEMENT SYSTEM“ from 09.08.2024 to 10.8.2024 in the college campus. For this program overall 100 participants were registered and participated from various institutions.



EVENTS PARTICIPATION:

TN45 MOTOR SPORTS EVENT:

Three students from our II year students actively participated in TN45 MOTOR SPORTS Event representing our College Vehicle Number –IKR-24-51 in 9th season of Indian Karting Race- IKR at Galgotias University and Buddh International Circuits, Greater Noida, Uttar Pradesh, India.





SPORTS FACILITIES & ACHIEVEMENTS

FACILITIES:

Sports Complex with following court:

- Basket Ball Court
- Volley Ball Court
- Tennis Clay Court
- Two Ball Badminton Court
- Table Tennis Court
- Football Ground
- Cricket Ground
- Cricket Net Practice
- Hockey Ground
- Kabadi Court



Students from our EEE Department actively participated in various sports events conducted by the Anna university sports board and won the medals and also won the Cash Award after ranked second place in CM Trophy District Event.





CULTURAL AND CO CURRICULAR ACTIVITIES

We are actively engaged in providing the students with an extensive range of cultural and co-curricular activities. Keeping in line with this commitment our college organizes a cultural fest —Enthusia‖ every year. It is the much awaited events with multiple events in dance, music, fashion, drama, literary and various other technical and cultural fields and offers a plethora of opportuni- ties to the students to showcase their talents.

SARASWATHY POOJA CELEBRATIONS:

Our department students enthusiastically celebrated Saraswathy Pooja. The event was graced by the presence of our Principal, HOD, and all the faculty members, making it a memorable occasion.









INDEPENDENCE DAY CELEBRATIONS

The Independence Day at K.Ramakrishnan college of Engineering was an event that stirred up the patriotic feelings of everyone present on the occasion. The Chief guest hoisted the flag and delivered the speech exhorting students to take India as a bright future and the day .

The Independence Day was marked by the unfurling of the national flag by the Chief guest. In his speech, the chief guest mentioned the significance of the day to students and staff. Stu-dents, and staff gathered on the occasion and celebrated the day with gusto and a determi-nation to take to K.Ramakrishnan College of Engineering to newer heights.

The Students from our Department both Boys and Girls Participated in the march past event and the Girls students won the third prize.





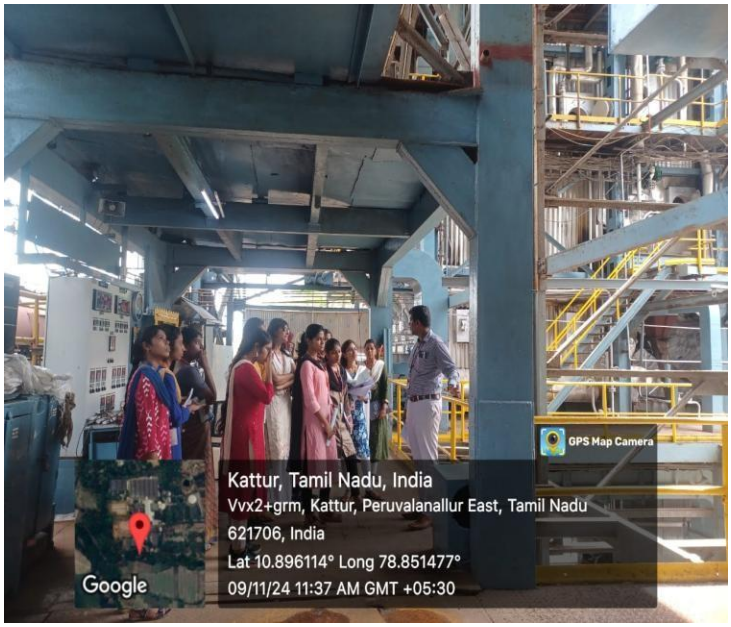


INDUSTRIAL VISIT:

As a part of Academic practices 63 students from the EEE II year students accompanied with three faculties visited Kothari Sugars and Chemical Limited,Trichy.









Memorandum of Understanding (MOU):

After visiting the Industrial Visit at Kothari sugars Private limited , we signed an MOU renewal with that Organisation for the purpose of Providing in- plant training, permitting industrial visit.

Kothari Sugars And Chemicals Ltd the flagship company of HC Kothari Group, was established in the year 1961 with a sugar Mill in Kattur village of Trichy District. Kothari Sugars, the pioneers in manufacturing of sugar, now has two sugar units in Tamil Nadu one at Kattur and another at Sathamangalam village. In addition to sugar manufacturing, Kothari Sugars also has facility for co-generation of power, production of industrial alcohol from molasses and bio-compost from press mud and distillery effluents.



NPTEL EXAM CLEARED:
(JULY –DEC 2024)

SL.NO	NAME OF THE STUDENT	YEAR	NAME OF THE COURSE	DATE OF EXAMINATION	SCORE	STATUS
1	NANDHINI S	IV	Introduction to Semiconductor Devices	03.11.2024	71%	ELITE
2	NAWIN KRISH S	IV	Introduction to Semiconductor Devices	03.11.2024	67%	ELITE
3	BAVITHRA R	III	Smart Grid: Basics to Advanced Technologies	03.11.2024	77%	ELITE WITH SILVER
4	BHARANIDHARAN R	III	Smart Grid: Basics to Advanced Technologies	03.11.2024	88%	ELITE WITH SILVER [TOPPER OF 5% In this course]
5	DEEPIKA G	III	Cloud Computing	03.11.2024	67%	ELITE
6	DHANUSHA N	III	Smart Grid: Basics to Advanced Technologies	03.11.2024	55%	SUCCESSFLLY COMPLETED
7	DHARANESH R	III	Cloud Computing	03.11.2024	78%	ELITE WITH SILVER
8	DHARSHINI K	III	Cloud Computing	03.11.2024	58%	SUCCESSFLLY COMPLETED
9	DHINESH G V	III	Cloud Computing	03.11.2024	62%	ELITE
10	GOPIKA B	III	Cloud Computing	03.11.2024	67%	ELITE
11	GOPIKA S	III	Cloud Computing	03.11.2024	70%	ELITE
12	JEEVA	III	Cloud Computing	03.11.2024	57%	SUCCESSFLLY COMPLETED
13	KASI ERULAPPAN E	III	Analog Electronic Circuit	03.11.2024	60%	ELITE

14	KEERTHANA SREE A	III	Cloud Computing	03.11.2024	62%	ELITE
15	KISHORE C M	III	Cloud Computing	03.11.2024	45%	SUCCESSFLLY COMPLETED
16	MADHAVAN S	III	Cloud Computing	03.11.2024	60%	ELITE
17	MAHESHVARI A S	III	Smart Grid: Basics to Advanced Technologies	03.11.2024	76%	ELITE WITH SILVER
18	MOHITH P S	III	Smart Grid: Basics to Advanced Technologies	03.11.2024	51%	SUCCESSFLLY COMPLETED
19	MONEESH S	III	Cloud Computing	03.11.2024	66%	ELITE
20	MUKESH G	III	Introduction to Internet of Things	03.11.2024	84%	ELITE WITH SILVER
21	MUTHU KUMAR G	III	Cloud Computing	03.11.2024	61%	ELITE
22	NADISH B	III	Cloud Computing	03.11.2024	73%	ELITE
23	PARTHIPAN E	III	Cloud Computing	03.11.2024	76%	ELITE WITH SILVER
24	PRAAYAN IS	III	Cloud Computing	03.11.2024	55%	SUCCESSFLLY COMPLETED
25	PRASANNA T	III	Cloud Computing	03.11.2024	49%	SUCCESSFLLY COMPLETED
26	RAJESHWARI G	III	Cloud Computing	03.11.2024	61%	ELITE
27	RAYAN H	III	Cloud Computing	03.11.2024	57%	SUCCESSFLLY COMPLETED
28	SAKTHIVEL R	III	Cloud Computing	03.11.2024	70%	ELITE

29	SALAI DHIVYANAYAGI	III	Cloud Computing	03.11.2024	69%	ELITE
30	SARSIKA SRI K	III	Cloud Computing	03.11.2024	70%	ELITE
31	SATHISHKUMAR K	III	Cloud Computing	03.11.2024	65%	ELITE
32	SHREERAM R P	III	Cloud Computing	03.11.2024	57%	SUCCESSFLLY COMPLETED
33	SIBY RAJ A	III	Cloud Computing	03.11.2024	57%	SUCCESSFLLY COMPLETED
34	SIVANI P	III	Cloud Computing	03.11.2024	62%	ELITE
35	SNEHA M	III	Cloud Computing	03.11.2024	69%	ELITE
36	SUNDHARESH M	III	Cloud Computing	03.11.2024	72%	ELITE
37	SURIYADHARSHINI S P	III	Cloud Computing	03.11.2024	73%	ELITE
38	VENNILA SRI S	III	Cloud Computing	03.11.2024	56%	SUCCESSFLLY COMPLETED
39	VIJAYABASKAR K	III	Cloud Computing	03.11.2024	66%	ELITE
40	VIJITHA R	III	Cloud Computing	03.11.2024	75%	ELITE WITH SILVER
41	VILLASINI G	III	Cloud Computing	03.11.2024	75%	ELITE WITH SILVER
42	YAGESH WARAN D	III	Cloud Computing	03.11.2024	45%	SUCCESSFLLY COMPLETED
43	YOGESHWARI T S	III	Cloud Computing	03.11.2024	77%	ELITE WITH SILVER

44	YUVARANI K	III	Cloud Computing	03.11.2024	73%	ELITE
45	AMALESH M	III	Cloud Computing	03.11.2024	55%	SUCCESSFLLY COMPLETED
46	MANIKANDAN M	III	Cloud Computing	03.11.2024	55%	SUCCESSFLLY COMPLETED
47	SUBRAMANI A	III	Cloud Computing	03.11.2024	54%	SUCCESSFLLY COMPLETED
48	THINESH R	III	Cloud Computing	03.11.2024	55%	SUCCESSFLLY COMPLETED
49	ABISHEK G	II	Cloud Computing	03.11.2024	63%	ELITE
50	ALIN JUDITH A	II	Cloud Computing	03.11.2024	62%	ELITE
51	DHAYANITHI K	II	Smart Grid: Basics to Advanced Technologies	03.11.2024	51%	SUCCESSFLLY COMPLETED
52	GAYATHRI DEVI C	II	Smart Grid: Basics to Advanced Technologies	03.11.2024	53%	SUCCESSFLLY COMPLETED
53	GUNANIDHI R	II	Cloud Computing	03.11.2024	79%	ELITE WITH SILVER
54	HARSHA SHREE GJ	II	Cloud Computing	03.11.2024	55%	SUCCESSFLLY COMPLETED
55	HEMAROSHINI K J	II	Cloud Computing	03.11.2024	55%	SUCCESSFLLY COMPLETED
56	JEBA RIDHANYA A	II	Cloud Computing	03.11.2024	54%	SUCCESSFLLY COMPLETED
57	JEFFRY	II	Cloud Computing	03.11.2024	90%	ELITE WITH GOLD [TOPPER OF 2% In this course]
58	LAKSHAN T	II	Cloud Computing	03.11.2024	75%	ELITE WITH SILVER

59	MADAN S	II	Cloud Computing	03.11.2024	65%	ELITE
60	MANIMOZHI V	II	Cloud Computing	03.11.2024	67%	ELITE
61	MITHRA V	II	Cloud Computing	03.11.2024	55%	SUCCESSFLLY COMPLETED
62	MONISH R	II	Cloud Computing	03.11.2024	55%	SUCCESSFLLY COMPLETED
63	MUKESH S	II	Smart Grid: Basics to Advanced Technologies	03.11.2024	55%	SUCCESSFLLY COMPLETED
64	RAGUPATHY T	II	Cloud Computing	03.11.2024	55%	SUCCESSFLLY COMPLETED
65	RISHIKESAN E	II	Cloud Computing	03.11.2024	54%	SUCCESSFLLY COMPLETED
66	SANGAMITHRA S	II	Smart Grid: Basics to Advanced Technologies	03.11.2024	61%	ELITE
67	SATHYASRI.N	II	Cloud Computing	03.11.2024	60%	ELITE
68	SHREYA R	II	Cloud Computing	03.11.2024	68%	ELITE
69	SIVADHARSHINI J	II	Smart Grid: Basics to Advanced Technologies	03.11.2024	68%	ELITE
70	YAAKSHINI M	II	Cloud Computing	03.11.2024	61%	ELITE

NPTEL STAFF ACHIEVEMENT:

SL.NO	NAME OF THE FACULTY	DESIGNATION	NAME OF THE COURSE	DATE OF EXAMINATION	SCORE	STATUS
1	GABRIEL SANTHOSH KUMAR G	HOD/ASST PROFESSOR	Smart Grid: Basics to Advanced Technologies	03.11.2024	87%	ELITE WITH SILVER [TOPPER OF 5% In this course]
2	A SUBRAMANIYA SIVA	ASST HOD/ ASST PROFESSOR	Smart Grid: Basics to Advanced Technologies	03.11.2024	78%	ELITE WITH SILVER
3	MANIVASAGAM R	PROFESSOR	Smart Grid: Basics to Advanced Technologies	03.11.2024	81%	ELITE WITH SILVER
4	MANIVASAGAM R	PROFESSOR	Cloud Computing	03.11.2024	83%	ELITE WITH SILVER
5	PRABHU A	ASSISTANT PROFESSOR	Cloud Computing	03.11.2024	66%	SUCCESSFULLY COMPLETED
6	VIGNESHWARAN P	ASSISTANT PROFESSOR	Smart Grid: Basics to Advanced Technologies	03.11.2024	77%	ELITE WITH SILVER
7	RAMANI U	ASSISTANT PROFESSOR	Smart Grid: Basics to Advanced Technologies	03.11.2024	66%	SUCCESSFULLY COMPLETED
8	VADIVELAN T	ASSISTANT PROFESSOR	Smart Grid: Basics to Advanced Technologies	03.11.2024	67%	ELITE
9	VADIVELAN T	ASSISTANT PROFESSOR	Cloud Computing	03.11.2024	83%	ELITE WITH SILVER
10	ARULRAJ R	ASSISTANT PROFESSOR	Smart Grid: Basics to Advanced Technologies	03.11.2024	79%	ELITE WITH SILVER
11	JAINULAFDEEN A	ASSISTANT PROFESSOR	Python for Data Science		63%	ELITE

Mr.G.Gabriel Santhosh Kumar HoD/Assistant Professor from our department Cleared NPTEL secured **Elite with Silver** Batch and also he is one among the **5% top topper** in this course.

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Mr.C.Jeffry II year student from our department Cleared NPTEL secured **Elite with Gold** Batch and also he is one among the **2% top topper** in this course.

Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India
कौशल भारत-कुशल भारत



This certificate is awarded to

JEFFRY C

for successfully completing the course

Cloud Computing

with a consolidated score of **90** %

Online Assignments	24.16/25	Proctored Exam	65.45/75

TOP TOPPER 2%

Total number of candidates certified in this course: **30816**

Jul-Oct 2024

(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL24CS118S1055401383 To verify the certificate No. of credits recommended: 3 or 4

Mr.R.Bharanidharan III year student from our department Cleared NPTEL secured **Elite with Silver** Batch and also he is one among the **5% top topper** in this course.

Roll No: NPTEL24EE148S1055401312 To verify the certificate No. of credits recommended: 3 or 4

Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India
कौशल भारत-कुशल भारत



This certificate is awarded to

BHARANIDHARAN R

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **88** %

Online Assignments	23.97/25	Proctored Exam	64.5/75

TOP TOPPER 5%

Total number of candidates certified in this course: **33131**

Jul-Oct 2024

(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL24CS115S855400736 To verify the certificate No. of credits recommended: 3 or 4

JAPANESE EXAM CLEARED:

1 Student from our department cleared Japanese language test N4 level. 11 Students from II year attended Japanese N5 Examination held at M.Kumarasamy College of Engineering on 01.12.2024



PROJECT:

As a part of academic curriculum 2023 regulation II year students from our department perform some innovative real time project for Electron Devices and Circuits subjects.






Samayapuram, Tamil Nadu, India
Wphq+v2q, Samayapuram, Tamil Nadu 621112, India
Lat 10.929596° Long 78.737805°
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Tiruchirappalli, Tamil Nadu, India
Wphq+m54, Tamil Nadu 621112, India
Lat 10.929248° Long 78.737947°
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Wphq+j7m, Samayapuram - Kariyamanickam Rd, Tamil Nadu 621112, India
Lat 10.929555° Long 78.738405°
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NEWSLETTER VERIFICATION & ACKNOWLEDGEMENT

News letter of Department of Electrical and Electronics Engineering.

K.Ramakrishnan college of Engineering,Samapuram, Tiruchirapalli.

Issue 4 (Dec 2024)

Student Editorial Team

S. No	Register No.	Student Name	Year & Section
1	8115U23EE052	SHYAM KUMAR S	II YEAR

Faculty Coordinator / Class Advisor

Name: Mr.T.Vadivelan
Designation: Assistant Professor
Department: Electrical and Electronics Engineering

Verification & Approval

This is to certify that the above newsletter has been **prepared by the students under my guidance**, and the contents are **verified and approved** for publication.

Signatures

Newsletter Faculty Coordinator	Signature of Head of the Department
Name: Mr.T.Vadivelan AP/EEE	Name: Mr.G.Gabriel Santhosh Kumar
Date:	Date: