

News letter of Department of Electrical and Electronics Engineering.

K.Ramakrishnan college of Engineering,Samapuram, Tiruchirapalli.

Issue 1 (December 2024)



**K.RAMAKRISHNAN
COLLEGE OF ENGINEERING**

An Autonomous Institution

Permanently Affiliated to Anna University Chennai, Approved by AICTE New Delhi,
ISO 9001:2015, 14001:2015 certified institution, Accredited by NBA and with A grade by NAAC

Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.



ABOUT THE DEPARTMENT

Electrical and Electronics Engineering is one of the prestigious branches of Engineering. The modern state-of-the-art technology leads to the fact that an Electrical Engineering graduate will fit in all corporate sector. The Department of Electrical and Electronics Engineering at K.Ramakrishnan College of Engineering (KRCE) was established in the year 2008 with an intake of 60 students. The Department progressed to 120 students in the year 2013. The Department was accredited by NAAC with A Grade in the year 2016. The department has R&D center approved by Anna University, Chennai for Conducting Research Programs. Our department has produced a number of University Ranks from its inception.

The department of Electrical and Electronics Engineering has been offering a full time 4 year B.E. degree course since the inception of the institution in the year 2008 and two year full time M.E. Degree programme in Power System Engineering since 2013. We have sound infrastructure facilities like full-fledged Electrical Machines lab, Power Electronics and Drives Lab, Electronics devices and circuits lab, established research laboratories with latest equipment and experimental setups like power quality Analyzer. We have well established library, digital library for online journal access with high band wifi internet facility, dedicated and well qualified faculty team and technical supporting staff are the highlights of the EEE Department.

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.

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 conducted 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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 MHRD - NIRF Ranked Institution
 Samayapuram, Tiruchirappalli - 621 112, Tamilnadu, India. www.krce.ac.in


CENTRE FOR TRAINING AND PLACEMENT
Hearty Thanks to all our Recruiters!!!



Our Recruiters


K.RAMAKRISHNAN COLLEGE OF ENGINEERING
 NAAC Accredited Autonomous Institution, Samayapuram, Trichy - 621 112.

ELECTRICAL & ELECTRONICS ENGINEERING

Hearty Congratulations
 for getting placed


SWETHA G

CTC ₹2.8 LPA


PRAVEEN S

CTC ₹2.7 LPA

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 **HEXAWARE**


T TAMIMA TACITA
IV-EEE
4LPA


U SARIGA
IV-EEE
4LPA





K.RAMAKRISHNAN COLLEGE OF ENGINEERING
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
Dr.D.SRINIVASAN
Principal

Mr.A.SUBRAMANIYA SIVA
Assistant Head / EEE
Dr.S.KUPPUSAMY
Executive Director

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ELECTRICAL & ELECTRONICS ENGINEERING

Hearty Congratulations
for getting placed in

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
Dr.D.SRINIVASAN
Principal

Mr.A.SUBRAMANIYA SIVA
Assistant Head / EEE
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DEPARTMENT OF EEE
(NBA ACCREDITED)

HEARTY CONGRATULATIONS

GOT PLACED IN

UO
Mu Sigma

A.PARVATHI
IV-EEE
5LPA

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DEPARTMENT OF EEE

HEARTY CONGRATULATIONS

GOT PLACED IN

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 Journal of 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 Journal of 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 Underwater Wireless Sensor Networks” in Technical Gazette in june 2024-SCIE Indexed.
16. Dr.S. Titus published a journal titled “Design of Multiband Diamond 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 Using Machine 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 opportunities 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 .

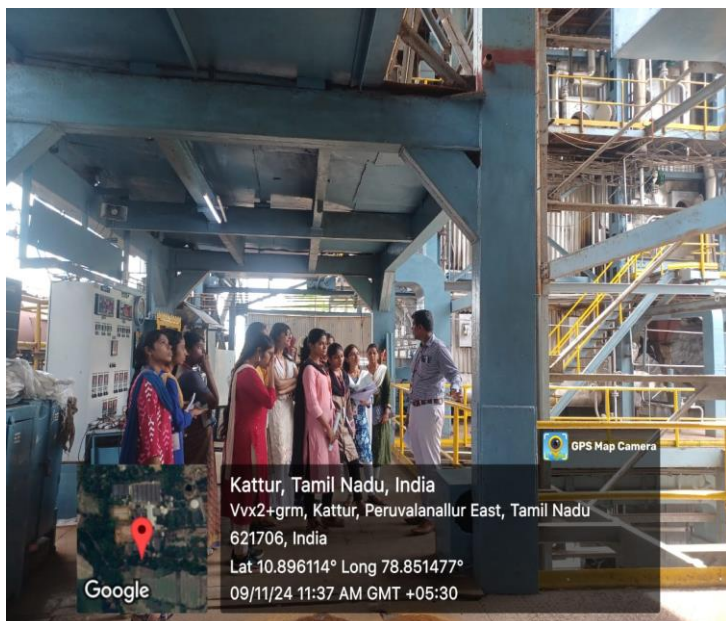
The Independence Day was marked by the unfurling of the national flag by the Chief guest. In his speech, the chief guest mentioned the significance of the day to students and staff. Students, and staff gathered on the occasion and celebrated the day with gusto and a determination to take K.Ramakrishnan 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.



Kattur, Tamil Nadu, India
Vvx2+grm, Kattur, Peruvalanallur East,
621706, India
Lat 10.896596° Long 78.852194°
09/11/24 12:28 PM GMT +05:30

**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%	SUCCESSFULLY COMPLETED
7	DHARANESH R	III	Cloud Computing	03.11.2024	78%	ELITE WITH SILVER
8	DHARSHINI K	III	Cloud Computing	03.11.2024	58%	SUCCESSFULLY 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%	SUCCESSFULLY 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%	SUCCESSFULLY 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%	SUCCESSFULLY 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%	SUCCESSFULLY COMPLETED
25	PRASANNA T	III	Cloud Computing	03.11.2024	49%	SUCCESSFULLY COMPLETED
26	RAJESHWARI G	III	Cloud Computing	03.11.2024	61%	ELITE
27	RAYAN H	III	Cloud Computing	03.11.2024	57%	SUCCESSFULLY 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%	SUCCESSFULLY COMPLETED
33	SIBY RAJ A	III	Cloud Computing	03.11.2024	57%	SUCCESSFULLY 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%	SUCCESSFULLY 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%	SUCCESSFULLY 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%	SUCCESSFULLY COMPLETED
46	MANIKANDAN M	III	Cloud Computing	03.11.2024	55%	SUCCESSFULLY COMPLETED
47	SUBRAMANI A	III	Cloud Computing	03.11.2024	54%	SUCCESSFULLY COMPLETED
48	THINESH R	III	Cloud Computing	03.11.2024	55%	SUCCESSFULLY 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%	SUCCESSFULLY COMPLETED
52	GAYATHRI DEVI C	II	Smart Grid: Basics to Advanced Technologies	03.11.2024	53%	SUCCESSFULLY 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%	SUCCESSFULLY COMPLETED
55	HEMAROSHINI K J	II	Cloud Computing	03.11.2024	55%	SUCCESSFULLY COMPLETED
56	JEBA RIDHANYA A	II	Cloud Computing	03.11.2024	54%	SUCCESSFULLY 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%	SUCCESSFULLY COMPLETED
62	MONISH R	II	Cloud Computing	03.11.2024	55%	SUCCESSFULLY COMPLETED
63	MUKESH S	II	Smart Grid: Basics to Advanced Technologies	03.11.2024	55%	SUCCESSFULLY COMPLETED
64	RAGUPATHY T	II	Cloud Computing	03.11.2024	55%	SUCCESSFULLY COMPLETED
65	RISHIKESAN E	II	Cloud Computing	03.11.2024	54%	SUCCESSFULLY 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.



Elite NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



Skill India
कौशल भारत - कुशल भारत



This certificate is awarded to
GABRIEL SANTHOSH KUMAR G
for successfully completing the course



Smart Grid: Basics to Advanced Technologies

with a consolidated score of **87** %

Online Assignments	22.75/25	Proctored Exam	64.5/75
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Total number of candidates certified in this course: **1968**

Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jul-Oct 2024

(12 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL24EE148S1055401406

To verify the certificate



No. of credits recommended: 3 or 4

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
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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



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)



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
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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



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



K.RAMAKRISHNAN COLLEGE OF ENGINEERING



An Autonomous Institution

Permanently Affiliated to Anna University Chennai, Approved by AICTE New Delhi,
ISO 9001:2015, 14001:2015 certified institution, Accredited by NBA and with A grade by NAAC

Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.

DEPARTMENT OF EEE **Hearty** **Congratulations**

FOR SUCCESSFULLY CLEARED
JAPANESE LANGUAGE-NAT TEST
N4 LEVEL



AKSHAYA
RAJASIMMAN
IV-EEE

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.



