



KEC CHRONICLES - 2025

News Letter



KUPPAM ENGINEERING COLLEGE

AUTONOMOUS

(Approved by AICTE, Affiliated to JNTUA)
KUPPAM – 517 425, CHITTOOR Dt., A.P.

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About Kuppam Engineering College

Kuppam Engineering College was inaugurated by Technology savvy Sri.N.Chandrababu Naidu garu on 11-09-2001. Gradually over the years several institutes like Kuppam Public School, Kuppam Junior College, Kuppam Polytechnic, Kuppam Degree College, Kuppam Teacher Training Institute, Kuppam College of Education, Kuppam College of Nursing began to emerge in educational field as “BCN GROUP OF INSTITUTIONS”. These institutions were promoted with the sole objective of providing high standard educational facilities to the rural folks. These institutions are managed by Sri. B. C. Nagaraj. Founder Chairman is a great philanthropist has good managerial skills and admin-iterative capabilities imparting high quality education from pre-primary to post graduation Level.

Vision of the college

To be a leading institute of professional education in imparting quality education to rural youth and producing dynamic technocrats with competent skill, innovative ideas, leadership qualities, and professional ethics.

Mission of the college

- Provide quality education through state-of-the-art infrastructure
- Develop technical skills and promote innovation among the students and faculty
- Promote collaborative research to address local and global challenges



Message from Chairman's Desk



Sri. B.C.NAGARAJ, M.B.A.,
Founder & Chairman, B.C.N Group of Institutions

We at Kuppam Engineering College have a vision to impart quality technical education, bring out the hidden skills and abilities of students with proper discipline. We have put together an experienced team of highly qualified, motivated and dedicated staff, supported by excellent infrastructural facilities to make the institution, an ideal place for learning.

We will provide meaningful education, research and training and at all levels to match global standards. Our policy is to mould students by building confidence in them and imbibing qualities like discipline, dedication and determination.

It is obligatory on our part not only to reach academic standards as on today but also to continuously upgrade them. Finally it gives us immense pleasure when students who graduate from our college are well placed in their careers.

“The highest education is that which does not merely give us information but makes our life in harmony with all existence” - Gurudev Rabindranath Tagore.



Message from Vice Chairman's Desk



Dr. N.SUNILRAJ, M.B.B.S.,
Vice Chairman

We at the Kuppam Engineering College strive to provide high quality technical education with ethics and moral values. We have a team of committed and experienced faculty members to cater the needs of the students and supported by excellent infrastructural facilities. We have 14 industry approved laboratories like Cisco, Oracle, Auto-desk, Texas instrumentation, Red hat, CM Skill Excellence Centre labs by Siemens; Dassault Systems and so on to bridge the gap between industries and academics and to enhance industries institute interaction, our aim is to produce young and dynamic engineers who can make their parents and the nation proud.

“The journey of a thousand miles begins with one step”. - Lao Tzu



Message from Secretary's Desk



Sri. N.SAGAR RAJ, M.Tech., M.B.A.,
Secretary

We always strive hard to nurture our students to attain new and high altitudes in their professional career, lead the life of responsible citizens and equipping the students with requisite traits for successfully coping up with the upcoming challenges of personal and professional life. Moreover, it is our commitment to provide a learning environment that prides itself on a culture of caring and communal learning through a path-goal oriented approach. Our institution is honoured for its readiness in providing unlimited opportunities and necessary inputs to enable the students to secure a suitable career with an opportunity to enter the corporate world.

“Dream is not that which you see while sleeping it is something that does not let you sleep.” Dr. A.P.J Abdul Kalam



Message from Principal's Desk



Dr. S.SUDHAKAR BABU, B.E., M.E., Ph.D., MISTE.,
Principal

Kuppam Engineering College aims at nurturing Graduates and researchers who are critical thinkers creative and have a holistic education experience, innovation methods of teaching, cutting-edge curriculum, workshops and internships further broadening the intellectual and global outlook of our students. The internship programs are a unique feature of education at KEC and help to produce more practical oriented and innovation graduates. I invite all aspirants to seek admission in to the KEC programs and become technology driven professionals

"Arise awake and stop not till the goal is reached." - Swami Vivekananda



Message from Editor's Desk

The editorial board is glad to release the "KEC CHONRICLES-2025", newsletter of KUPPAM ENGINEERING COLLEGE. This newsletter will serve to reinforce and allow increased awareness, improved interaction and integration among all of us. "KEC CHONRICLES-2025" will be a platform to provide proper acknowledgement and respect to all those who work behind the scenes, overtime round the clock planning things and acquiring results. The newsletter is intended to be published every year.

The editorial board accepts suggestions and comments to improve the quality of newsletter. This is one of the momentous towards a long journey. I would like to extend my sincere thanks to all the heads of departments, sections, and editors from each department / section for the service rendered in making this newsletter a reality. I extend my thanks to the management and principal for opportunity given to me as edit in chief of "KEC CHONRICLES-2025".

Editorial Board:

Chief Editors

Dr. S.Sudhakar Babu, Principal

Dr. S.Baskaran, Vice Principal.

Mr. K.Ganesh, HOD Department of ME

Editors

Dr. K.Logesh, Associate Professor & HOD Department of CSE

Dr. D.Jayakumar, Professor & CDO

Mr. J.Madhavan, Associate Professor, HOD HAS

Mr. B.K.Subramaniam, Diploma In-charge

Dr. Naveen Kumar, Associate Professor, Department of ME

Dr. V.S.Satheesh, Associate Professor, Department of Civil

Mr. D.Sivakumar, Associate Professor, Department of ECE

Mr. N.Abilash, Assistant Professor, Department of Civil

Mrs. S.Punyavathi, Assistant Professor, Department of EEE

Mr. C.Subramanai, Assistant Professor, Department of ECE

Mr. J.Madhu, Assistant Professor, Department of MBA

Mr. C.P.Satheesh Kumar, Lecturer, Department of CSE

Annual Day 2024

College annual day was celebrated on 24-02-2024. Telugu film actor Mr. Kiran Abbavaram was the chief guest for the event. Sri. B.C. Nagaraj, Chairman Welcomed the gathering. Dr. Sunil Raj, Vice Chairman, Mr. Sagar Raj, Secretary, Mr. Kiran Abbavaram addressed the gathering. Principal Dr. S.Sudhakar Babu presented the annual day report.



Cultural Fest

In connection with the annual day celebrations cultural events were conducted for the students. There were 20 teams performed the classical and western dance programs on the stage. Also fashion show was performed by the girl's students. The students participated in various activities like

- Pencil Sketching
- Elocution Competition
- Debate
- Turn a court
- Press Meet
- Vegetable / Fruit Carving
- Flower carpet
- Rangoli
- Face Painting
- Fruit Salad Preparation
- Mehandi
- Food fiesta, etc.



Award Received by Vice Chairman

Our Vice Chairman Dr. N. Sunil Raj, M.B.B.S, received "Consistent donations to the needy people" award from Kuppam Area Development Authority (KADA) officer Sri Vikas Marmat, IAS for the year 2023-24.



Award Received by Chairman

Our Chairman Sri. B. C. Nagaraj, received "Empowering rural communities through education" award received from Lions club, Kuppam on 27-12-2024.



Chief Guest for Shooting ball Championship

Our Vice - Chairman Dr. N. Sunil Raj, was the Chief Guest for the 7th Andhra Pradesh Shooting Ball Championship 2024 and distributed prizes to the winners held in V.Kota Boys High School.



Awards to Students

The students secured top position in the academics during the academic year 2022-2023 were awarded with the medal and cash prize of Rs. 1000/- each on 24-02-2024. There were 31 no. of students received the medals and prizes from Sri. B.C. Nagaraj, Chairman.



Autonomous Inspection Visit

The Inspection committee from UGC visited Kuppam Engineering College on 26th March 2024 for conferment of autonomous status. The Team headed by Professor Dr. B.Eswara Reddy, Professor, Department of Computer Science & Engineering, JNT University Anantapur (JNTUA) Ananthapuramu, inspected and conferred the autonomous status.



Birthday celebration of Secretary

Mr. N. Sagar Raj, Secretary Birthday was celebrated on 28-03-2024 at Sri Ramanujan Seminar Hall. Staff members from BCN educational society were participated in the event.



Awards to staff members

The staff members who completed the service more than 10, 15 and 20 years were awarded with the memento and cash prize on 24-02-2024.

Birthday celebration of Vice Chairman

All the staff members of BCN Group of Institutions celebrated our Vice-Chairman Dr. N. Sunil Raj's M.B.B.S birthday on 17-June-2024, in our college campus. Staff members from BCN educational society were participated in the event.



Founders Day Celebration

The birth anniversary of our Founder Chairman Sri. B. C. Nagaraj garu was celebrated on 27-12-2024, in a grand manner.



On this occasion our chairman Sri. B. C. Nagaraj garu, announced "BCN Group Insurance Scheme" worth of Rs. 22.45 crores for the benefit of 449 staff members.

Awards to Govt. School Children

As the part of social responsibility the meritorious students from the Government schools / junior colleges were awarded with mementos and cash award. 32 students from various schools / junior colleges from Kuppam Mandal were received the awards on 17th june 2024. Dr. Sunil Raj, M.B.B.S., Vice chairman distributed the awards and essential study materials to the students.



Sports Fest

Department of physical education regularly conducts the events for the benefit of students throughout the year. Different sports & games like cricket, shuttle badminton, basketball, running race, table tennis, kho-kho, volley ball, chess, tug of war, ball badminton, etc. were conducted for both girls and boys. Also the events for staff members conducted during the period.



At the end of all sports events prizes were distributed by Sri B C Nagaraj, Chairman, Dr. N Sunil Raj., M.B.B.S., Vice-Chairman, Mr. N. Sagar Raj, Secretary and Dr. S. Sudhakar Babu, Principal, Dr. S. Baskaran, Vice Principal, Mr. Satheesh Kumar, Physical Director and All HODs of the departments were participated in the event.

Donation to the Residential school

Our Chairman Sri. B. C. Nagaraj donated furniture and lab equipment worth 1.5 lakhs to Govt. Junior college Vijilapuram on his Birth Anniversary 27-12-2024. And study materials to the students were distributed.



Engineers Day Celebration

Engineers Day was celebrated on 15th of September 2024 to commemorate the birth anniversary of Sir Mokshagundam Visvesvaraya. Mr. Bakthavasala Reddy, Regional Director, Lions Club was the chief guest for the event and addressed the students. Dr. N. Sunil raj, M.B.B.S, Vice Chairman facilitated the guest. Faculty members were awarded appreciation certificates with cash prizes for their achievements in the academics during the year 2022-23.



Independence day Celebration

Independence Day was celebrated at Kuppam Engineering College, Kuppam. The national flag hoisted by our honorable Vice Chairman Dr N. Sunil Raj. Principal, HOD's, Staff members and students were participated in the event.



Republic Day Celebration

Republic Day was celebrated at Kuppam Engineering College, Kuppam. The National Flag was hoisted by our honorable Vice Chairman Dr. N. Sunil Raj, M.B.B.S., Principal, Vice Principal, Heads of departments, / Sections, Staff members and students were participated in this event.



University Team Selection

On behalf of JNTUA University our college hosted the university football team selections in our campus on 30-10-2024. Sri. B. Joji Reddy garu, secretary sports council, JNTUA, Anantapur and his team selected the players. In the selections 107 students participated from various colleges under JNTUA. Three students from Kuppam Engineering College got selected to the University Football Team.

One girl student from mechanical department was selected for University Volleyball Team.



Academic Calendar Release

Our Kuppam Engineering College academic calendar for the first autonomous batch and the new brochure were released by Dr. Sudharshana Rao, Vice Chancellor of JNTUA, on 01-01-2025.



Orientation on Higher Education

As the part of social responsibility our college regularly conducts the orientation on higher education to the school children, junior college and polytechnic colleges. Orientation was conducted in 116 schools and 42 junior colleges in Chittoor district. And orientation was conducted in 16 polytechnic colleges in Chittoor and Anantapur district.



Corporate Social Responsibility

A financial contribution of ₹1.2 lakh to the student for his cancer treatment. The institution, staff, and students came together to support their fellow student during such a difficult time.



Food Distribution

That's a wonderful initiative by the college management! Organizing a food distribution for the children of Victory Boarding School for the Deaf & Dumb in Shantipuram is an inspiring act of kindness. It not only provides these children with a nutritious meal but also shows the college's commitment to inclusivity and care for all members of the community, especially those with special needs.



Donation to School library

That's a fantastic initiative by the college management! Donating essential materials to the Gudupalli school library will have a lasting impact on the students, providing them with better learning resources and encouraging a love for reading and education. A well-equipped library is a great way to support academic growth and expand knowledge, especially for students who may not have easy access to such resources.



Donation to RO water purifier

Donating kitchen equipment and an RO water purifier with a dispenser to the Government Tribal Welfare Hostel at Ramakuppam on 4th September 2024 will greatly improve the daily living conditions for the residents there. Access to clean water and better kitchen facilities can make a significant difference in their overall well-being and health. It's heartening to see such efforts being made to enhance the quality of life for those in tribal welfare communities.



Donation to CM Relief Fund

Donating ₹5 Lakhs to the CM Relief Fund on 12th September 2024 for flood relief is a significant show of solidarity and commitment to helping those in need during a natural disaster. Such contributions can go a long way in providing immediate relief, restoring infrastructure, and supporting affected communities in their recovery.



Donation to BC Welfare School

Dr. N. Sunil Raj, Vice-Chairman of Kuppam Engineering College donated 8 kitchen equipment items to the Government BC Boys Welfare Hostel. Commissioner Kuppam Municipality, ward members and officers were participated the event on 04th August 2024.



Donated Daily Essential kits

On 23rd September 2024, the management donated 100 daily essential kits to flood-affected victims in Vijayawada, providing much-needed relief during the crisis.



Donated sports equipments

That's an amazing contribution by Dr. N. Sunil Raj, Donating sports equipment worth ₹50,000 to the students of YC James Government Polytechnic College will undoubtedly encourage physical activity and sports among the students. Sports play an essential role in fostering teamwork, discipline, and overall well-being, and having access to quality equipment can significantly enhance their

experience. This donation not only supports the students' physical development but also boosts morale, showing them that their interests and growth are valued.



Smart India Hackathon

Smart India Hackathon (SIH) is a premier nationwide initiative designed to engage students in solving some of the most pressing challenges faced in everyday life. A total of 20 teams applied for the Internal Hackathon, with 18 teams being shortlisted to participate. From these, 13 top teams were nominated to represent us in the Smart India Hackathon 2024.

Dr P. Ajay Kumar Reddy was nominated as Single Point of Contact (SPOC) for Smart India Hackathon-2024.



Short Term Training Program

Our college has hosted the National Level Short Term Training Program on Java Full Stack with React JS & AI. Organized from 2nd December to 22nd December 2024. In Association with Brainovision Solutions India Pvt Ltd. & AICTE.

ICT Academy MOU

In collaboration with ICT Academy, 524 students successfully completed the Learnathon course, and 492 students completed the MongoDB Certification Course. In recognition of our commitment, we are honored to have received the esteemed 'MongoDB for Academia Partnership' certificate.



Clodilya - ERP Software

Our college has collaborated with Bees Software Solutions Pvt. Ltd., Clodilya-the ERP Sutra software integrates organization's resources, including Students, finance, and stakeholder relationship management. Mr. Jagadesh provided an in-depth explanation of various software modules on 04-01-2025. The softwas was procured and implemented in our KEC.



MHRD- IIC Ranking 2023-24

Institution's Innovation Council (IIC) program in collaboration with AICTE for Higher Educational Institutions (HEIs) to systematically foster the culture of

innovation and start-up ecosystem in education institutions. Our college has received 2 star rating from MHRD IIC for promotion of innovation culture and entrepreneurial skills among students to develop successful start-ups. To motivate students to participate in various business idea competitions and Hackathons.



AICTE QIP PG Certification

Dr. V. S. Satheesh, Department of Civil Engineering and Dr. Naveen Kumar, Department of Mechanical Engineering were successfully completed AICTE QIP PG certification program. The six month program on "Blockchain and Cybersecurity" was conducted by Indian Institute of Information Technology, Kolkata (IIIT K) from July 2024 to December 2024. Kuppam Engineering College provided 100% financial support to the faculty members, which enabled them to complete the course successfully.



Field Visit : Building Construction

Department of Civil Engineering organized a one-day site visit for Building Construction with faculty members to Kuppam on September 21, 2024. Dr.V.S.Satheesh explained to our students about Building construction process such as, Shear wall construction, reinforcement arrangements and difference between one way and two way slab in field. Students can gain the Knowledge about the Structural Design, Construction methods of building hands-on understanding of the different stages in construction, from site preparation to building completion. This included practical observations of tasks such as excavation, foundation work, and structural framing.



One Day Workshop “Hands On Training On Soil Test”

Department of Civil Engineering organized a one-day workshop on Hands on Training on Soil Test by using Standard Penetration Test on October 19, 2024 in Kuppam.



Dr.V.S.Satheesh demonstrated the SPT procedure and Handling of Equipment on Soil Test and description of the split-barrel sampler, hammer, blow count system and Factors influencing SPT results, such as soil type, moisture content, depth.. Students gained the Knowledge about Soil bearing capacity, site observation, Challenges on the various soil and properties and result.

Students Internship

Students attended APSICHE Virtual Internship APSICHE period of 5th Feb 2024 to 12th April 2024.



NPTEL – Course Certifications

09 students of IV B.Tech I Sem Civil Engineering as completed the NPTEL course on "Internet of Things, Bridge Engineering" conducted by Indian Institute of Technology, Khargapur, got with Elite medal on Jan-Apr 2024.



Staff Achievements

Mr.N.Abilash Participated in a Professional Development Programme from 30/09/2024 to 05/10/2024 (six days online) on “Employability Skills” organized by NITTTR Chennai.

Mr.L.Ravikumar,Dr.V.S.Satheesh,Mr.N.Abilash,Mrs.K.Anitha,Mrs.A.Renuka Participated in a Faculty Development Programme from 16/12/2024 to 20/12/2024 (five days online) on “Defect free Construction Repair and Maintenance”organized by NITTTR Chandigarh.

Dr.V.S.Satheesh,Mr.N.Abilash,Mrs.K.Anitha, Mrs.A.Renuka Participated in a Faculty Development Programme from 06/01/2025 to 11/01/2025 (six days online) on “Sustainable Civil Engineering Construction Materials in Infrastructure and Industry” organized by ATAL.

Dr.V.S.Satheesh Participated in a Faculty Development Programme from 13/01/2025 to 18/01/2025 (six days online) on “Integrating Disaster Management with Resilient Structural Engineering” organized by ATAL.

Conferences

L.Ravikumar,V.S.Satheesh, D..Radha krishnan, N.Abilash, K.Anitha, Department of Civil Engineering presented a conference titled “Net Zero Building”, in the National conference on Recent trends in Sustainable development, Green Building & Smart building concepts by Er.Perumal Manimekalai College of Engineering, Hosur, Tamil Nadu on 05th April 2024.

Patent

Dr.V.S.Satheesh, Mr.L.Ravikumar owned a Patent on “IOT Based Signaling Apparatus for Pedestrian Crossing”.

Dr.V.S.Satheesh, owned a Patent on “Advanced Self-Healing concrete composition and Method for longevity Construction”.



Faculty Reward for results

Mr.L.Ravikumar,Dr.V.S.Satheesh,Mr.N.Abilash and Mrs.K.Anitha received reward for best results.



Ph.D Registration

Mr. N. Abilash, Assistant Professor in the Department of Civil Engineering, registered for his Ph.D. at Government College of Engineering, Dharamapuri, under Anna University, Chennai in January 2025.

AICTE QIP PG Certification Programme

Dr.V.S.Satheesh, from the Department of Civil Engineering, successfully completed a six-month AICTE QIP PG Certification Programme at IIIT Kalyani, West Bengal, organized and facilitated by AICTE, New Delhi.

Consultancy Work

Department of Civil Engineering Conducted Soil Test, Concrete Cube test For Construction of Residential Building in Kuppam.



Paper Publication

L. Ravi Kumar, Department of Civil Engineering published a paper titled “Experimental Study on Concrete by Partial Replacement of Cement by Using Rice-Husk Ash”, in International Journal of Research and Analytical Reviews (IJRAR), pp.464-473.

L. Ravi Kumar, D.Radhakrishnan Department of Civil Engineering published a paper titled “Comparative Study of Glass Fibre Concrete with Conventional Concrete”, in International Journal of Research and Analytical Reviews (IJRAR), pp.512-519.

V.S.Satheesh, Department of Civil Engineering published a paper titled “Analysis, Design & Cost Estimation of

Residential Building in Kuppam”, in International Journal of Research and Analytical Reviews (IJRAR), pp.344-354.

V.S.Satheesh, Department of Civil Engineering published a paper titled “Analysis and Design of Residential Building by Using E TABS”, in Journal Of Electronics Information Technology Science And Management (JEITSM), pp.123-130.

D.Radhakrishnan, V.S.Satheesh Department of Civil Engineering published a paper titled “Experimental Investigation of Polymer with Conventional Concrete”, in International Journal of Research and Analytical Reviews (IJRAR) pp.473-481.

N.Abilash Department of Civil Engineering published a paper titled “Experimental Analysis of Laterite Cement Block with Silica Fume”, in International Journal of Research and Analytical Reviews (IJRAR), pp.4544-551.

N.Abilash, K.Anitha, A.Renuka, Department of Civil Engineering published a paper titled “Experimental investigation of Fibre Reinforced Concrete with Recycled Aggregates”, in International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), pp.984-995.

University Results



Shaik Shamsheer

24F45A0102(85.06 %)



S V Chidvilasini

23F41A0102(69.16%)

Workshops



The Department of E.E.E. has organized a one-day program on **“Research Methodology”** for all B.Tech students on 01-05-2024, conducted by Dr. G. Venkata Suresh Babu, Professor & Principal, SVIST, Kadapa. The session will cover essential aspects of research methodology, including research design, data collection, analysis methods, and the overall framework for conducting research. It aims to help students understand the importance of selecting the right methodology for achieving research objectives.



The Department of E.E.E. has organized a two-day program on **“Renewable Energy Source with IoT”** for all B.Tech students from 02-09-2024 to 03-09-2024, conducted by Mr. V. Selvaraj, Founder, Make Labs & Make Vision, Krishnagiri. The program will explore how IoT enhances renewable energy through monitoring, automation, integration, predictive analytics, and efficiency improvements, helping optimize energy consumption, reduce waste, and improve grid reliability.



The Department of E.E.E. has organized a one-day workshop on **“Cyber Security and Social Awareness”** for all B.Tech students on 25-08-2024. The session will be conducted by S. Dinakar, Chief Manager, Canara Bank, Kuppam. The workshop aims to educate participants on cyber threats like hacking, phishing, and identity theft while promoting best practices for safeguarding personal, professional, and public data in the digital world.



The Department of E.E.E. has organized a one-day workshop on **“CAD”** for all B.Tech students on 25-09-2024, conducted by S. M. Prabhu, CAD Center. Computer-Aided Design (CAD) software enables engineers, architects, and designers to create, modify, and optimize 2D and 3D models with precision. The workshop will cover CAD applications in engineering and manufacturing, enhancing efficiency, and accuracy in the design process.

Webinar's



The Department of E.E.E. has organized a one-day webinar on **“Prototype/Process Design and Development-Prototyping”** for all B.Tech students on 27-04-2024, conducted by Prof. T. Sivarama Prasad, Retired Production Engineer, HMT & TVS. The session will highlight the importance of prototyping in product development, demonstrating how preliminary models help refine designs across various fields, including services, apps, and physical products, ensuring effective testing and improvement of design concepts.

Student Participations

Twenty-six students from both 2nd and 3rd year has completed an internship on "Electrical Vehicles (EEE)" conducted by SkillDzire from May 13, 2024, to June 28, 2024.

M PRAVEEN KUMAR& L.KESAVA BALAJI has completed an two days' work shop On **“Electrical Vehicles”** conducted by **Indian Institute of technology**, Madras. During 06-04-2024 to 07-04-2024.

Eight students has completed an edX course on "Electric Cars - Technology" conducted by Delft University of Technology through edX from May 1, 2024, to May 30, 2024 (one month).

R JUNEEDH has completed an edX-Course On **“Electric Cars-Policy”**

conducted by edX-Delft University of Technology during 01-05-2024 to 30-05-2024 (One Month).

R JUNEEDH has completed an edX-Course On **“Electric Cars-Business”** conducted by edX-Delft University of Technology during 01-05-2024 to 30-05-2024 (One Month).

Four students were completed an edX-Course On **“Electric Cars-Indroduction”** conducted by edX-Delft University of Technology during 01-05-2024 to 30-05-2024 (One Month).

Four students were completed an edX-Course On **“Introduction to Web Development with HTML5, CSS3, and JavaScript”** conducted by IBM-Online Learning Initiative of IBM. during 01-05-2024 to 30-05-2024 (One Month).

S RAJASHEKAR REDDY has completed an edX-Course On **“AI For Everyone-Master the Basics”** conducted by IBM-Online Learning Initiative of IBM. during 01-05-2024 to 30-05-2024 (One Month).

K MUNI SAI has completed an edX-Course On **“Python Basics for Data Science”** conducted by IBM-Online Learning Initiative of IBM. during 01-05-2024 to 30-05-2024 (One Month).

R SOHAN has completed an edX-Course On **“Introduction to Cloud Computing”** conducted by IBM-Online Learning Initiative of IBM. during 01-05-2024 to 30-05-2024 (One Month).

Nine students has completed an edX-Course On **“Designing a Course With edX”** conducted by edX-Online Learning Initiative of edX. During 01-05-2024 to 30-05-2024 (One Month).

Six students has completed an edX-Course On **“Introduction to Machine**

Learning and AI” conducted by Raspberry Pi Foundation-Online Learning Initiative of Raspberry Pi Foundation during 01-05-2024 to 30-05-2024 (One Month).

M SOUMYA has completed an edX-Course On **“Introduction to the Internet of Things”** conducted by Curtin University-Online Learning Initiative of Curtin University during 01-05-2024 to 30-05-2024 (One Month).

B REDDY PRASAD has completed an edX-Course On **“Build Your First Application with Arm”** conducted by arm Education-Online Learning Initiative of arm Education during 01-05-2024 to 30-05-2024 (One Month).

G JAYACHANDRA has completed an edX-Course On **“Drones For Agriculture”** conducted by Wageningen University and Research-Online Learning Initiative of Wageningen University and Research during 01-05-2024 to 30-05-2024 (One Month).

Faculty Participation

Dr. V SEKHAR has completed an one week FDP on **“Generative AI: A Comprehensive Approach to Research Writing, Proposal Development, and Funding”** conducted by Sri Krishna College of Engineering and Technology during 27/01/2025 to 1/02/2025

Mr. V PANDIYAN has completed a one day National level workshop on **“Techniques in Finding UGCCARE & SCOPUS Indexed Journals”** conducted by Sun Virtual Learning during 25/01/2025.

Ms. K.RENUKA has completed an one day FDP on **“Java Demystified ”** conducted by Electronics & ICT Academy, C-DAC Hyderabad during

03/09/2024

Mr. B. VENU REDDY KUMAR has completed a six days FDP on **“Advance technique in space based solar power generation”** conducted by Mother Theresa Institute Of Engineering and technology during 14/10/2024 to 19/10/2024.

Mr. B VENU REDDY KUMAR has completed an 21 days Masterclass program on **“Electrical vehicle design using MATLAB”** conducted by Partech E Learning during 29/05/2024 to 20/06/2024.

Faculty Publications

A Paper on **“Home Automation Using AI Tool”** is Published by Dr. V Sekhar Journal Of Artificial Intelligence, Machine Learning and Neural Network Issn: 2799-1172, April 2024.

A Paper on **“Design and Implementation Of ANFIS Controller Based ESS for an Electric Charging Station”** is Published by Mr.P.R.Rajeev& Mr.M.Seenivasan International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE) e-ISSN: 2278 – 8875, p-ISSN: 2320 – 3765, . April 2024.

A Paper on **“Performance Enhancement Of Micro grid Stability & Quality With ANN Regulated UPFC”** is Published by Mr.M.Seenivasan & Mr.P.R.Rajeev International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), ISSN: 2278 – 8875, p-ISSN: 2320 – 3765, April 2024.

A Paper on **“Fuzzy Based Multistage Inverter with Load for PV Applications.**

“is Published by Ms.R.Kanchana& Mr.V.Pandiyan International Journal of Advanced Research in Electrical, Electronics & Instrumentation Engineering (IJAREEIE), ISSN: 2278 – 8875, ISSN: 2320 – 3765, April 2024.

A Paper on **“A Portable Multistage Solar Power Energy Convention Re-storage System With IoT.”** is Published by Mr.V.Pandiyan& VenuReddyKumar International Journal of Innovative Research in Science, Engineering and Technology(IJIRSET)ISSN: 2319– 8753, ISSN: 2347 – 6710, April 2024

A Paper on **“Wireless Runtime Electric Vehicle Charge System by Using Renewable Energy Source.”** is Published by Mr.V.Pandiyan& VenuReddy Kumar International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), ISSN: 2319– 8753, ISSN: 2347 – 6710, April 2024.

A Paper on **“Intelligence Robot With Solar Based Agriculture Monitoring And Controlling System.”** is Published by Ms. K.Renuka International Journal of Innovative Research in Computer and Communication Engineering (IJIRCE), ISSN: 2320 – 9801, ISSN: 2320 – 9798, April 2024.

A Paper on **“RE-IES based on hybrid DRL with FHO-ALM for enhanced power balance: optimal renewable utilization controller with PPO-ZSL as a static compensator.”** is Published by Dr.Velappagari Sekhar Electrical Engineering ISSN: 0948-7921, Dec 2024.

A Paper on **“ANN-Assisted Soccer-League Optimization for Enhanced Power Quality in Solar-Battery Integrated UPQC.”** is Published by Dr.Velappagari Sekhar African journal

of biological sciences, ISSN: 2663-2187, June 2024.

A Paper on **“RE-IES based on hybrid DRL with FHO-ALM for enhanced power balanced: optimal renewable utilization controller with PPO-ZSL as a static compensator”** is Published by Dr.Velappagari Sekhar Electrical Engineering, ISSN: 1432-0487,Dec 2024.

A Paper on **“A Cyber Security In Dc Microgrids For Detecting False Data Injection By Fuzzy Controller.”** is Published by Dr.Velappagari Sekhar African journal of biological sciences ISSN: 2663-2187, June 2024.

A Paper on **“Enhanced Energy Management System for Hybrid Solar and Fuel Cell-Based Electric Vehicle Charging Stations Using ANN Controllers.”** is Published by Mr. V Pandean, Mr. P.R.Rajeev & Mr.M.Seenivasan African journal of biological sciences ISSN: 2663-2187, June 2024.

A Paper on **“Optimizing Electric Vehicle Charging Using a PV-Based Multi-Mode Converter with Enhanced ANN Control for Vehicle-to-Home Applications.”** is Published by Mr. M.Seenivasan, Mr.P.R.Rajeev & Mr.V.Pandiyan African journal of biological sciences ISSN: 2663-2187, June 2024.

A Paper on **“Enhancing Efficiency and Stability in Rooftop PV-IWPT Systems for LVDC Grids Using Fuzzy Logic Control and MPPT Techniques.”** is Published by Mr.P.R.Rajeev, Mr.V.Pandiyan & Mr.M.Seenivasan African journal of biological sciences ISSN: 2663-2187, June 2024.

Faculty book publications

1. Dr. Velappagari Sekhar, Mr. A. Reddyprasad, Dr. V. Shanmugasundaram, Mr. Ravi Kumar Jalli, "Artificial Intelligence and Deep Learning Fundamentals of Electric Circuits" Infinite Research publishers, ISBN: 978-81-971115-3-2, Dated. 02/03/2024.
2. Sakthi Gokul Rajan C, Krishnamoorthy A, Annamalai Muthu, S. Jaisiva, Velappagari Sekhar, "Artificial Intelligence and Automated Deep Learning for Medical Imaging", Ch No.08, book: Embedded Artificial Intelligence Real-Life Applications and Case Studies, Edition:01, issue:01, ISBN 9781032766607, Pages 320, 72 B/W Illustrations, February 27, 2025 by Chapman & Hall. (Scopus Index)
3. Dr. Velappagari Sekhar, Mr. M seenivasan, Mr. P R. Rajeev, Mr. V Pandiyan, "High Voltage Engineering" Phytoelectron Technologies publishers, ISBN: 978-81-981700-2-6, Dated. Nov 2024.
4. Dr. Velappagari Sekhar, Ms. K Renuka, Ms. R Kanchana and Ms. R Visali, "Power Quality" Phytoelectron Technologies publishers, ISBN: 978-81-981700-8-8, Dated. Jan 2025,

Faculty patent

Dr. V. SEKHAR, has published Patent on "Handled device for detecting and alerting live electrical power lines to prevent electrocution" on 10/01/2025.

Faculty Achievements

Dr. V. SEKHAR has received appreciation letter with prize money Rs.1000/- for his best performance in IPR with 100% pass

Mr. P.R. RAJEEV has received appreciation letter with prize money Rs.1000/- for his best performance in SGP subject with 96% pass

Mr. M. SEENIVASAN has received appreciation letter with prize money Rs.1000/- for his best performance in PSA subject with 98% pass percentage.

Ms. K. RENUKA has received appreciation letter with prize money Rs.1000/- for his best performance in SMPC subject with 96% pass percentage.

Mr. V. PANDIYAN has received appreciation letter with prize money Rs.1000/- for his best performance in IOT with 90% pass percentage.

Ms. K. RENUKA has received appreciation letter with prize money Rs.1000/- for his best performance in Measurement subject with 96% pass percentage.

Mr. T. V. BALARAMAKRISHNA has received appreciation letter with prize money Rs.1000/- for his best performance in BEEE with 100% pass percentage.

Mr. B. VENUREDDY KUMAR has received appreciation letter with prize money Rs.1000/- for his best performance in Smart Grid subject with 100% pass percentage.

Mr. V. PANDIYAN has completed NPTEL course on Introduction to internet of things with a consolidated score of 83%.

Academic Toppers

AMMAVARIPALLI SAI has received appreciation and won first prize for highest percentage of marks for the academic year 2023-2024 of 2021 to 2025 batch in the EEE department.

BOYA INDU has received appreciation and won second prize for highest percentage of marks for the academic year 2023-2024 of 2021 to 2025 batch in the EEE department.

DUDEKULA ANVAR BASHA has received appreciation and won third prize for highest percentage of marks for the academic year 2023-2024 of 2021 to 2025 batch in the EEE department.

DEYYALA SRAVANI has received appreciation and won first prize for highest percentage of marks for the academic year 2023-2024 of 2022 to 2026 batch in the EEE department.

L KESAVA BALAJI has received appreciation and won second prize for highest percentage of marks for the academic year 2023-2024 of 2022 to 2026 batch in the EEE department.

D S KEERTHANA has received appreciation and won first prize for highest percentage of marks for the academic year 2024-2025 of 2023 to 2027 batch in the EEE department.

C KARTHIK has received appreciation and won second prize for highest percentage of marks for the academic year 2024-2025 of 2023 to 2027 batch in the EEE department.

Student Achievements

Ten students From both 2nd year has completed NPTEL course on Architectural Approaches to Decarbonization of Buildings with different percentages with Elite medal

Twenty four students has completed NPTEL course on Introduction to Internet Of Things with different percentages with Elite medal during Jan-Apr 2024.

About department

Mechanical Engineering is a core discipline of Engineering that lays the foundation Principles for various Engineering streams like, Physics and Materials Science for Analysis, Design, Manufacturing and Maintenance of Mechanical System, Thermal Engineering, Organization maintenance. Mechanical Engineering was started in 2010, The department offers B.Tech program (Mechanical Engineering) with present intake of 30 students and 18 students in M.Tech program (Machine Design).

Project Expo

The KEC Project Expo 2025 was held at Kuppam Engineering College, Kuppam, on 29th and 30th January 2025. The Second and third-year Mechanical Engineering students participated in the project expo and shared their ideas and innovations with the visitors.



BOS Meeting

The Department of Mechanical Engineering (ME) conducted a Board of Studies meeting on 23rd October 2024 through online mode. The meeting focused on key academic matters, including enhancements to the curriculum and academic structure. Faculty members and external advisory committee members actively participated, providing valuable insights and recommendations for academic improvements. Several crucial decisions were made to align the syllabus with industry needs.



Workshop

Department of Mechanical Engineering organized a one day workshop on “3D Printing Technology with Hands on Training”, on 18th July 2024. The resource person for the workshop is Mr. A R Vignesh Reddy, Alumni, Department of Mechanical Engineering, Kuppam Engineering College, Kuppam.



Department of Mechanical Engineering organized a one day Workshop on “Intellectual Property Rights (IPR)”, on 22nd November 2024. The resource person for the workshop is Dr. P Ajay Kumar Reddy, Associate Professor, Department of Electronics and Communication Engineering, Kuppam Engineering College, Kuppam.



Seminar

Department of Mechanical Engineering organized a one day Seminar on “Renewable Energy with IOT, on 03rd September 2024. The resource person for the Seminar is Mr.V.Selvaraj, founder of Make Labs & Make Vision, Krishnagiri, Tamilnadu.



Faculty Achievements: Paper Publications

K Ganesh, S Sudhakar Babu of Mechanical Engineering Department published a paper titled “Investigation on Microstructure, Hardness, Wear Behavior and Fracture Surface Analysis of Strontium (Sr) And Calcium (Ca) Content A357 Modified Alloy By Statistical Technique”, in *Frattura Ed Integrità Strutturale*, 65 (2023), pp.32-46.

K Ganesh, S Sudhakar Babu, of Mechanical Engineering Department published a paper titled “Study On Microstructure, Tensile, Wear, and Fracture Behavior Of A357 By Modifying Strontium (Sr) and Calcium (Ca) Content”, in *Materials Physics and Mechanics*, 51(2023): pp.127-138.

K Ganesh, Nagesh N, of Mechanical Engineering Department published a paper titled “Structural Analysis of A Propeller Shaft Under Maximum Rotation Force”, in *International Journal of Creative Research Thoughts*, 11(2023), pp. 2320-2882.

K Ganesh, Nagesh N, of Mechanical Engineering Department published a paper titled “Vibration Analysis of Single Point Cutting Tool On Are Mission By Using FFT Analysis”, in *International Journal of Creative Research Thoughts*, 11(2023), pp. 2320-2882.

Webinar

Department of Mechanical Engineering organized a one day Webinar on “How to Crack GRE and TOEFL Exam”, on 16th March 2024. The resource person for the workshop is Dr. V S Satheesh, Associate Professor in the Department of Civil Engineering at Kuppam Engineering College, Kuppam.



Industrial Visit

Students of the Department of Mechanical Engineering, along with three faculty members, visited Delphi TVS in Chennai, Tamil Nadu, on 14th September 2024.

Nagesh N, K Ganesh, of Mechanical Engineering Department published a paper titled "Vibration Analysis of Heavy-Duty Truck Chassis for Enhanced Performance and Durability", in International Journal of Creative Research Thoughts, 11(2023), pp. 2320-2882.

Nagesh N, K Ganesh, of Mechanical Engineering Department published a paper titled "Structural Analysis And Design Optimization of A Machine Tool Structure Under Static Loads Using CAE", in International Journal of Creative Research Thoughts, 11(2023), pp. 2320-2882.

Nagesh N, of Mechanical Engineering Department published a paper titled "Study the Tool Vibration, Surface Roughness, Tool Wear In Dry Machining of High Carbon Chrome Alloy Steel Using Statistical and ANN Method", in International Journal On Interactive Design and Manufacturing, Accepted.

Nagesh N, of Mechanical Engineering Department published a paper titled "Parametric Optimization of Cutting Parameters for High-Speed Machining of EN8 Alloy Steel using PROMETHEE – II" in the Journal of Mines, Metals and Fuels, Volume 72 (2024), pp. 699-712.

Nagesh N, of Mechanical Engineering Department published a paper titled "Optimizing Turning Parameters Using Taguchi Method to Maximize Tool Life and Minimize Wear and Vibration" in the Journal of Mines, Metals and Fuels, Volume 72 (2025), pp. 01-05.

Nagesh N, of Mechanical Engineering Department published a paper titled "Precision Parameter Optimization for Superior Surface Finish in Medium Carbon Alloy Turning" in the Nanotechnology Perceptions, Volume 20 (2025), pp. 321–328.

Nagesh N, of Mechanical Engineering Department published a paper titled "Predictive Modelling and Analysis of Machinability in EN 31 Steel under Dry Conditions" in the International Journal on Interactive Design and Manufacturing, Volume 20 (2025), pp. 321–328.

Naveen Kumar, of Mechanical Engineering Department published a paper titled "Matrix and Reinforcement for Biopolymer Composites: A Review", in the Journal of Engineering and Technology Management, Volume 72 (2024), pp. 1135–1167.

Naveen Kumar, of Mechanical Engineering Department published a paper titled "Design and analysis of Robot Arm for Efficient Pick and Place Operations", in the international journal of creative Research Through (IJCRT), Volume 12 (2024), pp. 530–537.

Nawaz Basha C, Gopalakrishnana M, S. Arunkumar., of Mechanical Engineering Department published a paper titled "Fabrication of Portable Pico Hydro-Power Generator Using Spiral Turbine" in the International Research Journal of Modernization in Engineering, Technology and Science, Volume 6 (2024), pp. 843–848.

Rajesh S, R Bharath, V Rajendra., of Mechanical Engineering Department published a paper titled "Study on Machining of Carbon Fibre Reinforcement Polymer (CFRP) Composite" in the International

Research Journal of Modernization in Engineering, Technology and Science, Volume 6 (2024), pp. 3024–3027.

Conference

Mr. K Ganesh, of Mechanical Engineering Department presented a conference titled “Design and Analysis of Roof Crash Resistant of Passenger”, in the International conference on Advance in Engineering and Technology, Organized by Government Engineering College, K R Pet Karnataka, on 12 and 13th April 2023.

Mr. N Nagesh, of Mechanical Engineering Department presented a conference titled “Effects of Stiffness Measurement of Machine Tool Structure by using CAE Technique”, in the International conference on Advance in Engineering and Technology, Organized by Government Engineering College, K R Pet Karnataka, on 12 and 13th April 2023.

Textbook Published

Dr. Naveen Kumar, of Mechanical Engineering Department, published a textbook titled “Innovation and Design Thinking”, through Norton Publications.

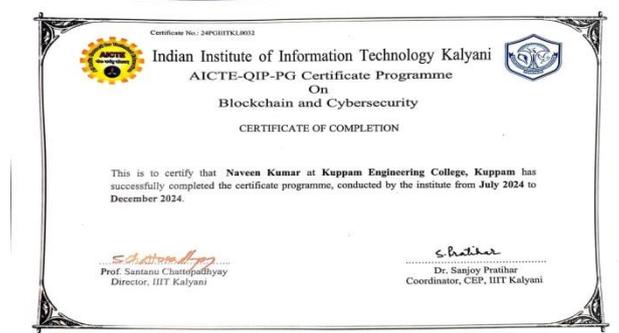
Rewards

Mr. K Ganesh, Mr. N Nagesh, Dr. Naveen Kumar, Mr. R Bharath, Mr. S Rajesh, Mr. C Nawazbasha, Mr. S Arun Kumar a reward for achieving the best results.



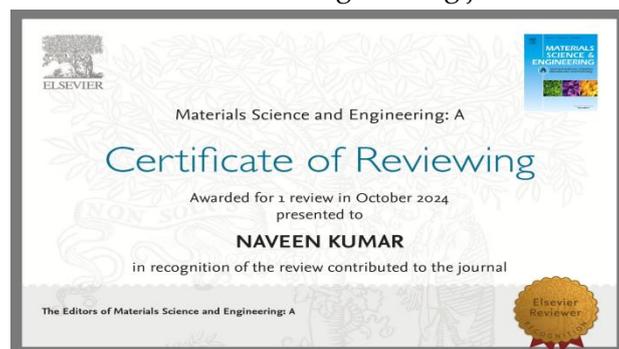
AICTE QIP PG Certification Programme

Dr. Naveen Kumar, from the Department of Mechanical Engineering, successfully completed a six-month AICTE QIP PG Certification Programme at IIIT Kalyani, West Bengal, organized and facilitated by AICTE, New Delhi.



Elsevier Reviewer

Dr. Naveen Kumar, Associate Professor, Department of Mechanical Engineering, has been recognized as an Elsevier Reviewer for Materials Science and Engineering journal.



Ph.D Registered

Mr. C. Nawazbasha, Assistant Professor in the Department of Mechanical Engineering, registered for his Ph.D. at Government College of Engineering, Dharamapuri, under Anna University, Chennai in July 2024.

FDP's by Faculties

Mr. K Ganesh participated in a Faculty Development Programme from 21/08/2023 to 25/08/2023 (five days – online) on 'AWS (Cloud Infrastructure),' organized by Brainovision Solutions India Pvt. Ltd. and the All India

Council for Technical Education (AICTE).

Mr. K Ganesh participated in a Faculty Development Programme from 01/02/2024 to 05/02/2024 (five days online) on 'Advances in Material Technology for Next Generation Manufacturing,' organized by Ballari Institute of Technology and Management, Ballari.

Mr. N. Nagesh participated in a five-day online Faculty Development Programme on "AWS (Cloud Infrastructure)" from 21/08/2023 to 25/08/2023, organized by Brainovision Solution India Pvt. Ltd. and the All India Council for Technical Education (AICTE).

Mr. N Nagesh participated in a Faculty Development Programme from 01/02/2024 to 05/02/2024 (five days online) on 'Advances in Material Technology for Next Generation Manufacturing,' organized by Ballari Institute of Technology and Management, Ballari.

Dr. Naveen Kumar participated in a Faculty Development Programme from 19/06/2023 to 24/06/2023 (five days online) on 'Advancements in Mechanical Engineering,' organized by Lakireddy Bali Reddy College of Engineering, Mylavaram.

Dr. Naveen Kumar participated in a Faculty Development Programme from 17/07/2023 to 21/07/2023 (five days online) on 'Future Scopes for Additive Manufacturing in Industrial and Biomedical Applications,' organized by Aditya Engineering College, Surampalem.

Dr. Naveen Kumar participated in a five-day online Faculty Development Programme on "AWS (Cloud Infrastructure)" from 21/08/2023 to 25/08/2023, organized by Brainovision Solution India Pvt. Ltd. and the All India Council for Technical Education (AICTE).

Dr. Naveen Kumar participated in a ten-day online Faculty Development Programme on "Advanced Research Methodology" from

21/11/2023 to 30/11/2023, organized by Digiskills Center, ACT Academy Center, Tamil Nadu.

Dr. Naveen Kumar participated in a six-day online Faculty Development Programme on "Cutting-Edge Development and Research Frontiers in Mechanical Engineering" from 04/12/2023 to 09/12/2023, organized by SRM Madurai College of Engineering and Technology, Chennai, Tamil Nadu.

Dr. Naveen Kumar participated in a five-day online Faculty Development Programme on "Advances in Materials Technology for Next-Generation Manufacturing" from 01/02/2024 to 05/02/2024, organized by Ballari Institute of Technology & Management, Ballari.

Dr. Naveen Kumar participated in a Faculty Development Programme from 26/02/2024 to 02/03/2024 (five days online) on 'Advanced Materials Processing & Characterisation Methods,' organized by Gates Institute of Technology, Anantapur.

Dr. Naveen Kumar participated in a Faculty Development Programme from 23/05/2024 to 25/05/2024 (three days online) on 'Emerging Trends in Design, Materials, and Manufacturing,' organized by Dream Institute of Technology, Kolkata.

Dr. Naveen Kumar participated in an International Faculty Development Programme from 15/07/2024 to 19/07/2024 (five days online) on 'Advances in Materials and Manufacturing,' organized by VNR Vignana Jyothi Institute of Engineering & Technology, Bachupally.

Dr. Naveen Kumar participated in a Faculty Development Programme from 17/09/2024 to 21/09/2024 (five days online) on 'The Future of Mechanical Engineering: AI and Its Transformative Impact,' organized by Techno

India University, West Bengal.

Mr. M.Gopalakrishnan participated in a five-day online Faculty Development Programme on “AWS (Cloud Infrastructure)” from 21/08/2023 to 25/08/2023, organized by Brainovision Solution India Pvt. Ltd. and the All India Council for Technical Education (AICTE).

Mr. C. Nawaz Basha participated in a five-day online Faculty Development Programme on “Future Scopes for Additive Manufacturing in Industrial and Biomedical Applications” from 17/07/2023 to 21/07/2023, organized by Audyogya Engineering College.

Mr. C. Nawaz Basha participated in a five-day online Faculty Development Programme on “AWS (Cloud Infrastructure)” from 21/08/2023 to 25/08/2023, organized by Brainovision Solution India Pvt. Ltd. and the All India Council for Technical Education (AICTE).

Mr. C. Nawaz Basha participated in a five-day online Faculty Development Programme on “Design and Development of Power Converters for Electric Vehicles” from 11/09/2023 to 15/09/2023, organized by JNTUA FDP Cell, Ananthapur.

Mr. V. Rajendra participated in a five-day online Faculty Development Programme on “AWS (Cloud Infrastructure)” from 21/08/2023 to 25/08/2023, organized by Brainovision Solution India Pvt. Ltd. and the All India Council for Technical Education (AICTE).

Mr. Rajesh S participated in a five-day online Faculty Development Programme on “AWS (Cloud Infrastructure)” from 21/08/2023 to 25/08/2023, organized by Brainovision Solution India Pvt. Ltd. and the All India Council for Technical Education (AICTE).

Mr. Rajesh S participated in a five-day online Faculty Development Programme on

“Advances in Materials Technology for Next-Generation Manufacturing” from 01/02/2024 to 05/02/2024, organized by Ballari Institute of Technology & Management, Ballari.

Mr. R. Bharath participated in a five-day online Faculty Development Programme on “AWS (Cloud Infrastructure)” from 21/08/2023 to 25/08/2023, organized by Brainovision Solution India Pvt. Ltd. and the All India Council for Technical Education (AICTE).

Mr. R. Bharath participated in a five-day online Faculty Development Programme on “Design and Development of Power Converters for Electric Vehicles” from 11/09/2023 to 15/09/2023, organized by JNTUA FDP Cell, Ananthapur.

Mr. R. Bharath participated in a Faculty Development Programme from 21/10/2024 to 25/10/2024 (five days online) on '3D Printing and Post-Processing for Industrial Applications,' organized by Vemu Institute of Technology, Chittoor, Andhra Pradesh.

Mr. P. Rajesh participated in a Faculty Development Programme from 21/10/2024 to 25/10/2024 (five days online) on '3D Printing and Post-Processing for Industrial Applications,' organized by Vemu Institute of Technology, Chittoor, Andhra Pradesh.

Mr. K. Ganesh, of Mechanical Engineering Department presented a conference titled “Design and Analysis of Roof Crash Resistant of Passenger”, in the International conference on Advance in Engineering and Technology, Organized by Government Engineering College, K. R. Pet Karnataka, on 12 and 13th April 2023.

Mr. N. Nagesh, of Mechanical Engineering Department presented a conference titled “Effects of Stiffness Measurement of Machine Tool Structure by using CAE Technique”, in

the International conference on Advance in Engineering and Technology, Organized by Government Engineering College, K R Pet Karnataka, on 12 and 13th April 2023.

Student Achievements

Mr. Pani Pevin, a student of the Mechanical Engineering Department, attended the “Workshop on Latest Engines,” organized by Top Engineers, Chennai, on 1st September 2024.

Mr. C. Sanjay, a student of the Mechanical Engineering Department, attended the “Workshop on Latest Engines,” organized by Top Engineers, Chennai, on 1st September 2024.

Mr. R. Karthik, a student of the Mechanical Engineering Department, attended the “Workshop on Latest Engines,” organized by Top Engineers, Chennai, on 1st September 2024.

Mr. Y. Mohan Babu, a student of the Mechanical Engineering Department, attended the “Workshop on Latest Engines,” organized by Top Engineers (IIT Madras), Chennai, on 1st September 2024.



Mr. C. Sanjay, a student of the Mechanical Engineering Department, attended an online training program on “Fundamentals of AutoCAD,” organized by Aylin Technologies from 7th to 9th October 2024.



Mr. C. Sanjay, a student of the Mechanical Engineering Department, participated in “Techzion 2K24,” organized by Aditya College of Engineering, Madanapalle, on 22nd and 23rd March 2024, and won second prize.



University Team Selection

Ms. R. Divyasree, a student of the Mechanical Engineering department, was selected for the JNTUA Inter-University Volleyball Selection Trials, organized by Ramireddy Subbarami Reddy Engineering College, Kadanutala, on 7th December 2024.



Internship

All 16 students of IV B.Tech I Sem Mechanical Engineering attended an internship on "Industrial Automation", conducted by SkillDzire from May 13, 2024, to June 28, 2024.



NPTEL

15 students of IV B.Tech I Sem Mechanical Engineering as completed the NPTEL course on "Introduction to Internet of Things" conducted by Indian Institute of Technology, Khargapur, got with Elite medal on Jan-Apr 2024.



02 students of IV B.Tech I Sem Mechanical Engineering as completed the NPTEL course on "Introduction to Industry 4.0 and Industrial" conducted by Indian Institute of Technology, Khargapur on July-Oct 2024.



Academic Year 2024-25 B.Tech II-I



M PAVAN KUMAR
24F45A0307 (83.76%)



P RAJESH
23F41A0303 (83.65%)

Academic Year 2024-25 B.Tech III-I



Y MOHAN BABU
23F45A0304 (77.24%)



A PANI PAVIN
23F41A0301 (68.49%)

Academic Year 2024-25 B.tech III-II



S BALAJI
22F45A0303 (82%)



N RAJASEKHAR
22F45A0302 (81.5%)

Academic Year 2024-25 M.Tech II-I



B HANUMANTHU
23F41D1503 (84.86%)



A SADIQ KHAN
23F41D1502 (83.64%)

IAcademic Year 2024-25 M.Tech II-II



BALASA MUNESH
22F41D1501 (93.75%)



P RAJESH
22F41D1503 (92.62%)

The Role of AI in Mechanical Engineering

Artificial Intelligence (AI) has revolutionized multiple industries, and mechanical engineering is no exception. AI-driven technologies are transforming traditional engineering practices, optimizing design processes, improving manufacturing efficiency, and enhancing predictive maintenance. This article explores the pivotal role AI plays in mechanical engineering and how it is shaping the future of the industry.

The roles of AI are as follows:

- AI in Design and Simulation
- AI in Manufacturing and Automation
- Predictive Maintenance and Fault Detection
- AI in Quality Control and Inspection
- AI in Energy Efficiency and Sustainability.

Role of Machine Learning in Mechanical

Machine Learning (ML) is revolutionizing mechanical engineering by enhancing design, manufacturing, predictive maintenance, and system optimization. The integration of ML with mechanical engineering has led to improved efficiency, cost savings, and innovative solutions across various industries.

The roles of AI are as follows:

- Design Optimization
- Predictive Maintenance
- Smart Manufacturing
- Quality Control
- Energy Efficiency and Sustainability
- Computational Fluid Dynamics (CFD) and Finite Element Analysis (FEA)
- Autonomous Systems and Robotics

Machine learning is transforming mechanical engineering by enabling smarter design, proactive maintenance, and efficient manufacturing processes. As ML technologies continue to evolve, their integration into mechanical systems will lead to even more innovative and sustainable engineering solutions.

About the Department

Electronics & Communication Engineering (ECE) Department was started in the year 2001 with the intake of 60 gradually it has been increased to 120 in the year 2002. Now it offers diploma program, undergraduate program, two postgraduate programs (M. Tech in VLSI Design & Embedded Systems) and Ph.D. program with affiliation to JNTUA and accredited by NBA in Tier-II for academic years 2018-2019 to 2020-2021, again re-accredited on the basis of Compliance Report for the Academic Years 2022-2023 to 2024-2025. The department has well experienced and dedicated faculty and staff of proven ability and diverse specialization. The faculties are actively involved in research in the areas of Image & Signal Processing, Antennas, VLSI, Wireless Communication and Internet of Things etc. The department is continually conducting professional activities such as Workshops, Faculty Development Programs, Project Expo's and conducting the brain storming sessions on entrepreneurship for the students to become the technology based entrepreneurs. Department has bagged the DST funded projects titled "NewGen IEDC" – Sanctioned Amount: Rs.2,87,00,000/- ; Started 2017 onwards and also received a grant of Rs 2,50,000 from UGC SERO, Rs. 1,00,000/- From IEI and received Rs:2,00,000/- from DST NIMAT; AICTE-MODROBS for AY 2019-2020, Five MSME Projects sanctioned from AY 2020-21 to AY 2023-24, fund received for this projects amounted to Rs.73,50,000.

Webinar



The Department of Electronics and Communication Engineering (ECE) organized a one-day Expert Talk on "Career Opportunities for Engineering Graduates" on February 8, 2025. Mr. V.R.D. Kausik Agastyaraj, a four-time GATE qualifier, guided students on career prospects through GATE and ESE. He shared insights on opportunities in public and private sectors, research, and higher education while providing strategies for effective competitive exam preparation. The interactive session concluded with a vote of thanks, appreciating Mr. Agastyaraj's valuable contributions.

Project Expo

"KEC Project Expo 2025" held in Kuppam Engineering College, Kuppam on 29th & 30th Jan 2025 at Advance Microwave and Cognitive Radio Lab, Department of ECE. In this event total 28 teams (80 students) were presented their innovative project module with Charts. For this event, Kuppam Junior College, M F C Junior college, and government junior college students, More than 560 candidates are visited and have been benefited. It gave a

platform for learning Engineers, Technocrats, and Young Entrepreneurs. This event was to promote student innovation and research in the field of Engineering, Science, Technology and Management. Dr. N. Sunil Raj M.B.B.S, Vice Chairman, Kuppam Engineering College, inaugurated Project expo, he encouraged and appreciated students to convert module to product and to file patent in future. On this occasion Dr. G. N. KodandaRamaiah, Director (R&D) and HOD-ECE Department, Kuppam Engineering College, honoured the guests. Dr. S. Sudhagarbabu, Principal, Kuppam Engineering College motivated students to participate National level competition. Dr. S. Baskaran, Vice Principal, Kuppam Engineering College, highlighted the benefits and likelihood of Project Expo for building the future society. Finally, Dr. K. Rasadurai, Professor ECE, he delivered vote of thanks to all the guests and participated students in Project Expo 2025.



Seminar

Awareness Program on Latest Trends of ECE Held at Dept of ECE, Kuppam Engineering College Kuppam, January 27, 2025 – Ms. Gannaprasanna, Associate Professor of ECE at PVKK

Engineering College, conducted an awareness program for third-year ECE students at Kuppam Engineering College. She discussed key trends in 5G, IoT, AI, and machine learning, encouraging students to rapidly evolving field of Electronics and Communication Engineering.



Anveshana 2024-25

Our Department Students team are participated in State Level competition Anveshna 2025, on 23.01.2025 and 24.01.2025 Agastiya Campus, Kuppam. The students have been receiving prizes continuously since 2020 in Regional and National level.



Dr. K. Rasadurai, Prof/ECE, Mr.M. Lakshmipathy Asso. Prof/ECE, Mr, G. Vivek Asst. Prof. Mr. N. Karthick Asst. Prof., Mr.Sathiyaranan Lab Instructor, ECE are received Mentor appreciation certificate from

AnveshanTeam, Agastya - Kuppam on 24.01.2025



Workshop

The Department of Electronics and Communication Engineering organized a webinar on "Industry 4.0 Opportunities and Challenges" for students on December 18, 2024. Mohammad, the chief guest, shared insights on the transformative technologies shaping the future of industries and the challenges students must overcome to stay competitive in this evolving field.



Workshop

The Department Of ECE Successfully Conducted A Two-Day Workshop On "PCB Design And Prototype Development" On 14th & 15th December 2024 At DSP & VLSI LAB. The Workshop Featured Dr.

Mahammad DV And Dr. K Tanveer Alam From Acenaar Technologies, Kurnool, as resource persons and was attended by 108 students. The workshop provided insights into recent advancements in PCB manufacturing, emphasizing the impact of 5G, IoT, and AI on the electronics industry. Key topics covered included trends in PCB development, flexible PCBs, improved customer service, IoT and AI integration, and 3D printing of PCBs. The event was coordinated by Dr. Santhosh B Panjagal, Associate Professor, and Mr. M. Lakshmipathy, Associate Professor, Department of ECE, and received positive feedback from participants for its relevance and practical insights.



Hands on Training

A hands-on training program on "Digital Electronics using IC Trainer Kit" was conducted for the ECE faculty



to enhance their practical skills on 28th October 2024. Led by Mr. Ravikumar from Techni Lab, Bangalore, the session provided faculty with valuable experience in designing, testing, and troubleshooting digital circuits using the IC Trainer Kit. The workshop aimed to strengthen their ability to guide students in mastering digital electronics.

Awareness Program

A one-day awareness program on ATAL (Atal Innovation Mission) was held at Paramahansa School, Kuppam on 28th October 2024, Focused on Entrepreneurship Promotion through self-employment and talent utilization, the session aimed to inspire students to turn innovative ideas into successful ventures. Led by Dr. P. Ajaykumar Reddy from Kuppam Engineering College, the program emphasized government support for aspiring entrepreneurs. The session their ability to guide students in mastering digital electronics.



Demonstration

The Department of Electronics and Communication Engineering (ECE)

organized a demonstration session on the Digital Trainer Kit, conducted by Technilab, Bangalore on 28/10/24. The session aimed to provide hands-on experience with digital logic circuits, combinational and sequential circuits, and fundamental digital electronics concepts. Experts from Technilab explained the working principles of the digital trainer kit, including logic gates, flip-flops, multiplexers, demultiplexers, counters, and registers. Live demonstrations helped students understand circuit design, troubleshooting techniques, and real-time applications.

BOS Meeting

The Department of Electronics and Communication Engineering (ECE) conducted a Board of Studies meeting on 22nd October 2024 via online mode. The meeting focused on key academic matters, discussing enhancements to the curriculum and academic structure. Faculty members and external advisory committee members actively participated, contributing valuable insights and recommendations for academic improvements. Several crucial decisions were made to align the syllabus with industry.



Appreciation

The Department of Electronics and Communication Engineering (ECE) awarded a cash prize and an appreciation certificate on 27.09.2024 for an innovative project on milk adulteration. The project, which presented creative and effective solutions to detect milk adulteration, was recognized for its practical impact and potential in improving food safety. This recognition highlights the dedication and ingenuity of the project team, encouraging further innovation in addressing critical issues like food adulteration. The ECE department continues to support and inspire students to develop solutions that make a difference in society.



Webinar

The Department of Electronics and Communication Engineering (ECE) successfully conducted a free webinar on the Internet of Things (IoT) in collaboration with Pantech E-Learning on 13th Nov 2024. The session was led by Dr. Ajaykumar Reddy, an expert in IoT and emerging technologies. During the webinar, Dr. Ajaykumar Reddy provided insights into IoT architecture,

applications, real-time data processing, and industry trends. He also discussed IoT-based smart solutions, security challenges, and future advancements in the field.



Career Development Program

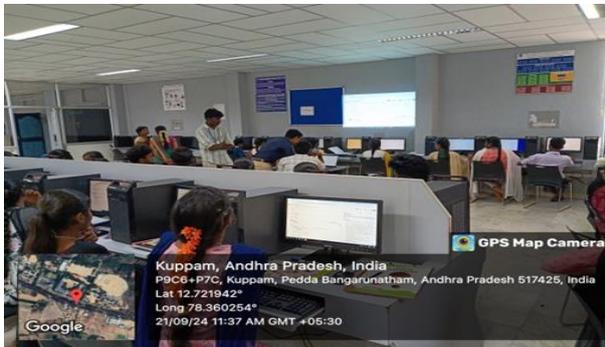
A Seminar on Awareness on “career opportunities in ECE Department” was conducted for I-year ECE students on 21st September 2024. Dr. Rasadurai from the ECE Department led the session, providing valuable insights into the department's offerings, career opportunities, and the importance of the subject in today's technological landscape. The seminar aimed to help first-year students understand the scope and potential of their studies in ECE.



Hands-On Training

A hands-on training session on Python was conducted for II-year ECE students on 21st September 2024. The workshop

included a mix of pre-recorded videos, live sessions, and practice problems to help students gain a strong understanding of Python programming. Assignments were provided after each topic, followed by discussions to reinforce learning.



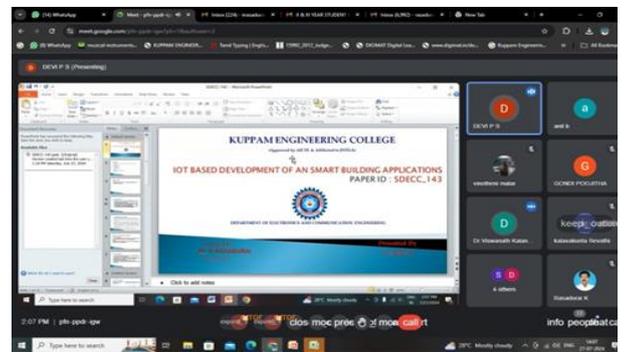
FDP Program

A one-day Faculty Development Program (FDP) was organized by Department of ECE, Kuppam Engineering College on 28th July 2022. The program, part of the Faculty Education Quality Improvement initiative, was attended by 21 faculty members. The sessions provided valuable insights on enhancing teaching methods, integrating technology in education, and staying updated with academic trends. The program was well-received by participants, contributing to their professional development and enhancing the overall quality of education at the college.



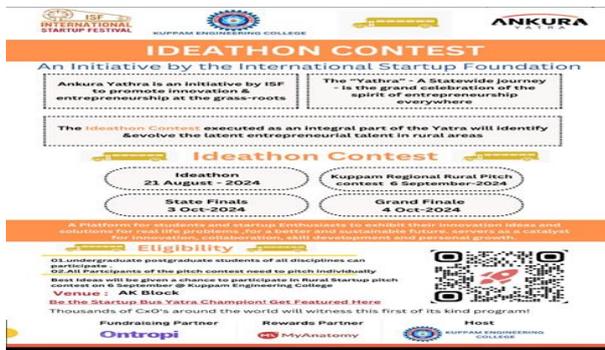
Paper Presentation

Mrs P.S. Devi M.Tech student of the Department of Electronics and Communication Engineering (ECE) successfully presented their research papers at the 1st International Conference on Sustainable Developments in Electronics, Computing & Communications (IC-SDECC 2024), organized by KL University, Hyderabad, Aziz Nagar campus, on 26th–27th July 2024. Under the esteemed guidance of Dr. G.N. Kodanda Ramaiah, HOD/ECE and Dr. K. Rasadurai, the following students showcased their innovative research.



National Event – Ideation

Students of the Department of Electronics and Communication Engineering, Kuppam Engineering College, participated in the National Event – Ideathon Ankura, showcasing their innovative ideas and technical skills. This event provided a platform for students to engage in problem-solving, research, and technology-driven solutions, enhancing their creativity and teamwork. Their participation reflects the department's commitment to innovation and academic excellence.



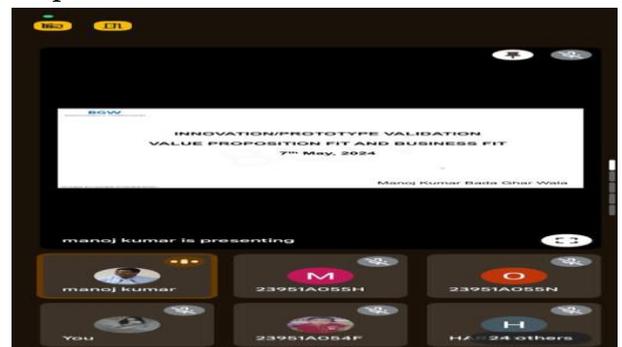
Gate Coaching

The Department of ECE organized a session on “Guidance for GATE Exam” on 3rd August 2024 at Smart Class Room (LH222). The session was led by Mr. M.Dhanunjaya from RSK Design Pvt.Ltd, Bangaluru, and attended by 190 students. The event aimed to provide students with insightful advice and useful tips for preparing for the Graduate Aptitude Test in Engineering (GATE). Key topics included exam pattern, preparation strategies, and essential resources to enhance performance. The session successfully addressed students’ queries, provided practical guidance, and motivated them to stay consistent and focused in their preparation. The event was coordinated by Dr. P. Ajay Kumar Reddy, Associate Professor, Department of ECE, and received positive feedback from participants.



Online Session

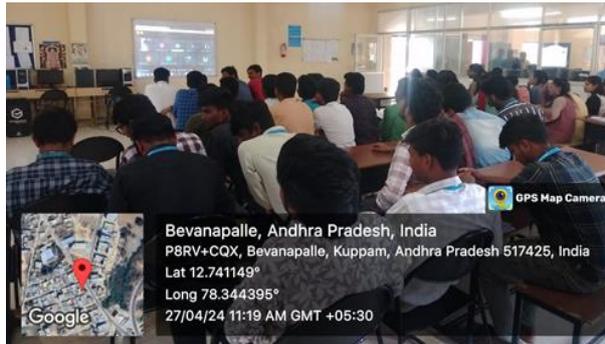
The Department of ECE and IIC Cell organized a session on "Value Proposition Fit & Business Fit" on 7th May 2024 via Google Meet. The event featured resource persons Mr. B. Praveen Kumar, Senior Associate – Academic & Govt Relations (AP & Telangana), IT-ITS Sector Skill Council, NASSCOM, and Mr. Manoj Kumar Bada, Founder Director of BGW Technologies Pvt Ltd. A total of 51 students participated in the session. The event was coordinated by Dr. P. Ajay Kumar Reddy, Associate Professor, Department of ECE



Workshop

The Department of ECE and IIC Cell conducted a workshop on "Prototype/Process Design and Development - Prototyping" on 27th April 2024 at the DSP Lab. The session was led by Prof. T. Sivarama Prasad, Retired Production Engineer from HMT & TVS. A total of 51 students participated in the workshop, gaining hands-on experience in prototyping and process design. The event was

coordinated by Dr. P. Ajay Kumar Reddy, Associate Professor, Department of ECE.



Technothon 2024

TECHNOTHON-2K24: National Level Technical Symposium Held at ECE Department



The Department of Electronics and Communication Engineering successfully organized TECHNOTHON-2K24, a National Level Technical Symposium, on April 29, 2024. The event featured a range of competitions, including Project Expo, Paper Presentation, Logo & Advertising Quiz, Electro Puzzle, Technical Quiz, and Coding. The symposium provided a dynamic platform for students to showcase their technical expertise and innovative ideas.

Workshop

The Department of Electronics and Communication Engineering (ECE) organized a workshop on "VLSI Design – Design For Testability" on 25th and 26th April 2024 at the DSP Lab. The session was conducted by Mr. T. Jayasimha, M.Tech., Assistant Professor at SVR College, Nandyala. A total of 108 students participated in the workshop, gaining valuable insights into VLSI design techniques and testability. The event was convened by Dr. G.N. KodandaRamaiah, Director-R&D, Professor & HOD/ECE, and coordinated by Ms. Sathiyavani, Assistant Professor, and Dr. P. Ajay Kumar Reddy, Associate Professor, from the Department of ECE. The workshop provided an excellent learning opportunity for students to enhance their understanding of VLSI design and its practical applications.



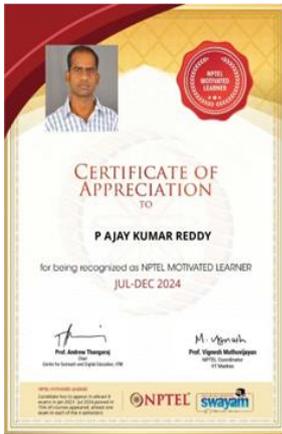
Ph.D. Awarded

Mr. M. Lakshmipathy, Asso.Prof. of ECE department has been awarded a Ph.D. on 27th January 2025 for the research titled "Air Quality Prediction and Assessment Using Machine Learning Approach" under the guidance of Dr. Shanthi Prasad M.J at VTU, Belagavi.



Faculty Domain In IPR

Dr. P. Ajay Kumar Reddy got domain certificates from SWAYAM NPTEL online courses.



Anveshana National Level Project Competition 2024

Department of ECE Students Shine at Anveshana National Level Project Competition. Our students have achieved remarkable success at the

Anveshana National Level Project Competition, securing prestigious awards:

- 4th Prize – Rs.15,000 Cash Award
- 2nd Consolation Prize – Rs.5,000 Cash Award

This same team had previously excelled at the district level, winning:

- 2nd Prize – Rs. 12,000
- 4th Prize – Rs. 5,000
- Consolation Prize – Rs.2,000

Adding to their achievements, the team also secured 1st Prize in the KEC Technical Fest Project Expo, earning a ₹5,000 cash award.



Engineer's Day Celebration

Celebrated Engineer's Day on 15-09-2024. On the account of the birth anniversary of Mokshagundam Visvesvaraya. On this occasions Management and Principal appreciated and honoured our faculty members, those who are produced good academic results.



Awards Received by Faculties

Dr. D. Jayakumar, Professor & TPO, received Best Startup Collaboration for placements Award on 05th April 2024 by OneYes Technologies at Chennai.



Dr. D. Jayakumar, Professor & TPO, received Jyestha Acharya Award on 21st April 2024 by Bharat Education Excellence Award 2024 at Vizag.



Dr. D. Jayakumar, Professor & TPO, received MongoDB Academia Summit Distinguished Mentor – 2024 Award on 10th September 2024 at Bangalore.

Resource Persons

Dr. G. N. Kodanda Ramaiah, Director R & D – Head-ECE along with Dr. K. Rasadurai Professor, ECE acted as Resource person for Six day national level FDP on 6G futuristic communication system design and implementation held on 14.02.2025 at Dr, T. Thimmaiah Institute of technology KGF.

Date/Time	Topics	Resource Person
Day 1 (12/02/2024)		
10 AM - 1:00 PM	• Network Architecture and Security Concepts • 6G	Dr. Vijaya Geetha B, Associate Professor, DrTTIT, KGF
2 PM - 4:30 PM	• Role of AI in 5G evolution and 6G AI Applications • Drivers for 5G and 6G	Dr. T. D. Senthil Kumar, Professor, MSRTT, Bangalore
Day 2 (13/02/2024)		
10 AM - 1:00 PM	• 6G, 5G/6G Advanced RAN theory • Technology Enablers • Real time use cases • Architecture protocols • 3GPP Specifications • PC Configuration • 4G configuration • Hardware installation, handling and Collecting the logs. • Hands on session • Log analysis-4G,5G • Each topic	Mr. Sriram, Deputy CEO, Research Lab, Bangalore
2 PM - 4:30 PM	• Smart antennas for 6G	Dr. G. N. Kodanda Ramaiah, Director, R & D, & Dr. Ravi Chandar, Professor, Kuppam Engineering College, Kuppam
Day 3 (14/02/2024)		
10 AM - 1:00 PM	Advanced full duplex strategies for 6G and Multiple access schemes suitable for 6G	Dr. G. N. Kodanda Ramaiah, Director, R & D, & Dr. Ravi Chandar, Professor, Kuppam Engineering College, Kuppam
2 PM - 4:30 PM	• Hands on session	Dr. Nandini V. Asst. Professor (Asst. MSRTT, Bangalore)
10 AM - 12 PM	• Roll on towards 7G	Dr. Anantha A Associate Professor, ECE Dept., DrTTIT, KGF
12:00PM - 3:00PM	• Online-Test • Feedback & Valudatory	

Dr. K. Rasadurai Professor, ECE acted as Resource person for one day national level seminar on Social Entrepreneurship held on 18.03.2024 at Government Arts and Science College Tirupattur.



Dr. P. Ajay Kumar Reddy from the ECE department acted as Jury member for regional level Jigyasa on 26/12/2024 at Agastya international campus.



Dr. G. N. Kodanda Ramaiah, Director R & D – Head of ECE Acted as Jury person in Anveshana national level Exhibition on 18th Feb 2025 & 19th Feb 2025 at Bengaluru.



FDP Attended by Faculties

Dr. G.N. KodandaRamaiah, Prof. ECE, Kuppam Engineering College has successfully participated & completed FDP program on Recent Trends in VLSI design and Embedded Systems at BIHER, Chennai from 11/06/2024 to 15/06/2024.

Dr. K. Rasadurai, Professor of ECE at Kuppam Engineering College, participated in the AICTE-ATAL Faculty Development Program (FDP) on "AI & Emerging Technologies for Sustainable Energy and Climate Adaptation" held from 25.11.2024 to 30.11.2024 at IIIT Kottayam, Kerala, where he contributed to discussions on the implementation of AI in sustainable energy solutions.

Dr. K. Rasadurai, Professor of ECE at Kuppam Engineering College, participated in the AICTE-ATAL Faculty Development Program (FDP) on "Advancements in Telehealth Industry Using IoT" held from 20th January 2025 to 25th January 2025 at KoneruLakshmaiah University, Hyderabad. The program focused on emerging trends in IoT and its applications in the telehealth industry.

Dr. K. Rasadurai, Professor of ECE at Kuppam Engineering College, also participated in the AICTE-ATAL Faculty Development Program (FDP) on "Recent Advancements and Challenges in Integration of IoT & 5G/6G Wireless Communication: Building the Next Gen Connectivity," held from 2nd August 2025 to 8th February 2025 at Kongunadu College of Engineering and Technology. The program focused on the implementation of 6G technology and its future applications.

Mr. D Sivakumar, Associate Professor of Kuppam engineering college has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on "Innovative Approaches To Energy, Sustainability And Climate Resilience: Teaching And Research Strategies For A Greener Future at Nandha Engineering College from 16/12/2024 to 21/12/2024.

Mr. D Sivakumar, Associate Professor of Kuppam engineering college has successfully participated & completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on Importance of Artificial Intelligence in Robotics at Indian Institute of Information Technology Design and Manufacturing Kurnool from 20/01/2025 to 25/01/2025

Mr. G Vivek, Assistant Professor of Kuppam engineering college has successfully participated & completed AICTE Training And Learning (ATAL)

Academy Faculty Development Program on AI-Driven Biomedical Technologies in Healthcare 5.0 and its Applications at Gopal Narayan Singh University From 16/12/2024 to 21/12/2024.

Miss M. Sumalatha, Assistant Professor of Kuppam Engineering College has successfully participated & completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on AI and Emerging Technologies for Sustainable Energy and Climate Adaptation at IIIT Kottayam from 25/11/2024 to 30/11/2024.

Miss M. Sumalatha, Assistant Professor of Kuppam Engineering College has successfully participated & completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on Aws Cloud Computing - Tools And Services at Aditya college of engineering from 19/01/2025 to 24/01/2025.

Miss M. Sumalatha, Assistant Professor of Kuppam Engineering College has successfully participated & completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on "The Future of Quantum Computing and High-Performance Computing (HPC)" at P.S.V. College of Engineering and Technology from 23rd December 2024 to 28th December 2024.

Mr. Selvarasan R, Assistant Professor of Kuppam Engineering College has successfully participated & completed AICTE Training And Learning (ATAL)

Academy Faculty Development Program on internet of things and its applications at ShriSitarambhaziNaranji Patel institute of technology, managed by vidyabhartitrust,umrakh -bardoli from 16/12/2024 to 21/12/2024.

Mr. G. Subramani, Assistant Professor of Kuppam Engineering College has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on The future of Quantum computing and High-performance computing (HPC) at P.S.V.College Of Engineering And Technology from 23/12/2024 to 28/12/2024

Mr. Subramani G, Assistant Professor of Kuppam Engineering College has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Navigating the Digital Landscape: Next-Gen Communication techniques for Teaching Pedagogy and Research Writing at Knowledge Institute of Technology from 20/01/2025 to 25/01/2025

Mr.R. Sudesh Assistant Professor of Kuppam Engineering College has successfully participated & completed FDP program on Recent Trends in VLSI design and Embedded Systems at BIHER, Chennai from 11/06/2024 to 15/06/2024.

Mr Subramani G Participated in 10 Hours International Faculty Development Program on AI And Gen AI with Industry Application organized

by MIT Academy of Engineering (MIT AOE) Autonomous – Maharashtra The National Institute of Engineering – Mysore in Collaboration with ExcelREdtechPvt. Ltd from 16th July to 22nd July 2024.

Papers Published in National / International Journal/ Conference

Dr. G. N. KodandaRamaiah from the ECE department published a paper titled "Speech Signal Based Emotion Recognition" in the International Journal of Advanced Research Trends in Engineering and Technology in 2024 (ISSN: 2394-3785).

Dr. G. N. KodandaRamaiah from the ECE department published a paper titled "Trans-BILSTM Based Speech and Speaker Recognition using Spectral, Cepstral, and Deep Features" in IJISAE in 2024 (ISSN: 2147-6799).

Dr. G. N. KodandaRamaiah from the ECE department published a paper titled "Combined Speaker and Speech Ascent Recognition Aided Authentication Using Adaptive Convolutional Neural Network with Attention Mechanism" in J. Electrical Systems in 2024 (ISSN: 3254-3282) .

Dr. G. N. KodandaRamaiah from the ECE department published a paper titled "Speech and Speaker Recognition Approaches: A Survey" in the International Journal of Creative Research Thoughts in 2024 (ISSN: 2320-2882).

Dr. G. N. KodandaRamaiah from the

ECE department published a paper titled "Advanced Anti-PVT-Variation Low-Power Time-to-Digital Converter Design Using 90 nm CMOS Process" in AIP Conference Proceedings (AIPCP) in 2024 (ISSN: 0094-243X).

Dr. G. N. KodandaRamaiah from the ECE department published a paper titled "FPGA Implementation of 256-Bit Key AES Algorithm Using a Modified S-BOX Sharing Algorithm" in Security Issues in Communication Devices, Networks, and Computing Models in 2024 (ISBN: 978-1032970271).

Dr. G. N. KodandaRamaiah from the ECE department published a paper titled "Design and Implementation of LPG Gas Cylinder Management and Alerting System Using IoT" in Security Issues in Communication Devices, Networks, and Computing Models in 2024 (ISBN: 978-1032970271).

Dr. K. Rasadurai from the ECE department published a paper titled "FPGA Implementation of 256-Bit Key AES Algorithm Using a Modified S-BOX Sharing Algorithm" in Security Issues in Communication Devices, Networks, and Computing Models in 2024 (ISBN: 978-1032970271).

Dr. K. Rasadurai from the ECE department published a paper titled "IoT based development of a Smart Building Applications" in Security Issues in Communication Devices, Networks, and Computing Models in 2024 (ISBN: 978-1032970271).

Dr. K. Rasadurai from the ECE

department published a paper titled An Improved Noise Filter Design for Canny Edge Detection with Pipeline Architecture " in Security Issues in Communication Devices, Networks, and Computing Models in 2024 (ISBN: 978-1032970271).

Dr. K. Rasadurai from the ECE department published a paper titled IoT Based Smart City Monitoring system for water, Fire & Gas Leakage" AIP Conference Proceedings (AIPCP) in 2024 (ISBN: 0094-243X).

Dr. D. Jayakumar, Professor & TPO, published a book title of "Ai-Powered Healthcare" In Raaltech publications on Feb 2025, ISBN: 978-81-965342-5-7.

Dr.P.Ajay Kumar Reddy from the ECE department published a paper titled "Sewage Monitoring System" in Journal of Emerging Technologies and Innovative Research 2024 (ISBN: 2349-5162).

Dr.P.Ajay Kumar Reddy from the ECE department published a paper titled " Advanced Approximate Multiplier Design using Novel Twin-Phase 4:2 Compressors" in AIP Conference Proceedings(AIPCP) 2024 (ISBN: 0094-243X).

Dr.P.Ajay Kumar Reddy from the ECE department published a paper titled " Home Automation using AI Tool" in Journal of Artificial Intelligence, Machine Learning and Neural Network 2024 (ISBN: 2799-1172).

Dr. Santhosh B. Panjagal From the

department of Published a paper titled "IoT and AI Based Remote Patient Health Monitoring System" in International Journal of Science and Research (IJSR) ISSN: 2319-7064 SJIF (2022): 7.942

Mr. M. Lakshmipathy from the ECE department published a paper titled " View of Assessing Health Risks Associated with Air Pollution in India" in Journal of chemical Health Risks 2024 (ISBN: 2251-6727).

Mr. T. Sivakumar from the ECE department published a paper titled " Advance Anti-PVT-Variation Low-Power Time-to-Digital Converter Design using 90 nm CMOS Process " AIP Conference Proceedings(AIPCP) Research 2024 (ISBN: 0094-243X).

Mr. T. Sivakumar from the ECE department published a paper titled " IOT Based Automatic Irrigation System in International Journal Of Innovative Research In Technology 2024 (ISBN: (2349-6002).

Mr. M. Ranjith Kumar from the ECE department published a paper titled Home Automation using AI Tool" in Journal of Artificial Intelligence, Machine Learning and Neural Network 2024 (ISBN 2799-1172).

Mrs.V.Sathiyavani From the department of Published a paper titled "An Artificial Neural Network Approach for Brain Emulation - Analysis of the Blue Brain Project:" in International Journal of Advanced Research in Electrical, Electronics and Instrumentation

Engineering (IJAREEIE)
DOI:10.15662/IJAREEIE.2024.1307009.

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Ms M.Sumalatha from the ECE department published a paper titled "Sewage Monitoring System" in Journal of Emerging Technologies and Innovative Research2024 (ISBN: 2349-5162).

Mr. R.Selvarasan from the ECE department published a paper titled "an Overview on Strategies to Perform VLSI Testing Productively Utilizing BIST" in International Journal of Advanced Networking and Applications (IJANA) in 2024.

Mr. R.Selvarasan, Assistant Professor in the ECE department, presented a paper titled "Design and Implementation of Self-Charged Fan" at the 3-day International Conference on Recent

Innovation and Development in Engineering & Technology (ICRIDET-24) held at BIHER, Chennai, on September 23, 2024

Mr. R.Selvarasan, Assistant Professor in the ECE department, presented a paper titled "Smart bin for smart cities using IOT based smart waste segregation techniques" at the 3-day International Conference on Recent Innovation and Development in Engineering & Technology (ICRIDET-24) held at BIHER, Chennai, on September 23, 2024

Mr. G.Subramani, Assistant Professor in the ECE department, presented a paper titled "Design and Implementation of Self-Charged Fan" at the 3-day International Conference on Recent Innovation and Development in Engineering & Technology (ICRIDET-24) held at BIHER, Chennai, on September 23, 2024.

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Mr. R. Sudesh, Assistant Professor in the ECE department, presented a paper titled "Design and Implementation of Self-Charged Fan" at the 3-day International Conference on Recent Innovation and Development in Engineering & Technology (ICRIDET-

24) held at BIHER, Chennai, on September 23, 2024

Books / Book Chapters Publication

Dr. G.N. KodandaRamaiah from the ECE department published a book titled FPGA Implementation of 256 bit key AES algorithm using A modified S-BOX sharing algorithm in International Conference on Sustainable Developments in Electronics, Computing and Communications (5g-SDECC) 2024 (ISBN: ISBN 9781032970271)

Dr.G.N.KodandaRamaiah from the ECE department published a book titled Design and Implementation of LPG Gas Cylinder Management and Alerting System using IOT in International Conference on Sustainable Developments in Electronics, Computing and Communications (5g-SDECC) 2024 (ISBN: ISBN 9781032970271).

Dr.K.Rasadurai from the ECE department published a book titled "IoT based Development of a Smart building applications" International Conference on Sustainable Developments in Electronics, Computing and Communications (5g-SDECC) 2024 (ISBN: ISBN 9781032970271).

Dr.K.Rasadurai from the ECE department published a book titled " An improved noise filter design for canny edge detection with Pipeline architure " in International Conference on Sustainable Developments in

Electronics, Computing and Communications (5g-SDECC)In 2024 (ISBN: ISBN ISBN 9781032970271).

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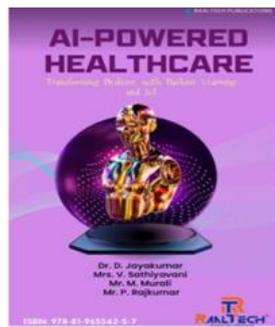
Dr.K.Rasadurai from the ECE department published a book titled IoT Based Multi-Language (MI) Smart Notice Board Using Android App in Futuristic Trends in Network & Communication Technologies Volume 3 Book 2024-03-102 Futuristic Trends in Network & Communication Technologies Volume 3 Book 2024-03-102 2024 (ISBN: ISBN 9781032970271).

Dr.K.Rasadurai from the ECE department published a book titled Fundamentals of Wireless Technologies in 2024 (ISBN: 9789357575096)

Dr.P.Ajay Kumar Reddy from the ECE department published a book titled " Reseilient controller desgin for BLDC motor based on dual loop system in Bio-medical device " in International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE 2024) 2024 (ISBN: ISBN – 2024).

Dr. D. Jayakumar, Professor & TPO &Mrs. V. Sathiyavani published a book title of "AI-Powered healthcare" in

Raaltechpublications on Feb 2025, ISBN: 978-81-965342-5-7.



Patent Filed By Faculties

Dr. K. Rasadurai from the ECE department filed a patent titled "Time Frequency Based Doubly Channel Estimation for MIMO-OFDM Systems" in 2024, with patent number 202441050588.

Dr. K. Rasadurai from the ECE department filed a patent titled in Implementation Of Multi-Bit Error Detection And correction Using Low-Density Parity-Check Codes in 2024 patent no 202441050591.

Dr. D. Jayakumar, Professor & TPO, received Patent Grant in the title of "Fuel Monitoring System" on 10th June 2024

Students Achievements

Ms. T. Dakshayani, a 3rd-year ECE student from Kuppam Engineering College, participated in ANVESHNA 2024-25, a regional-level Science & Engineering Fair held on the 23rd and 24th of January 2025 in Chittoor.



Ms. H.S. Sushma participated in Technothon-2K24, a National Level Symposium held at Kuppam Engineering College on 29th April 2024, and secured second place in the poster design competition.

Miss G. Kaveri, a student of the ECE department, participated in the workshop on IoT at Kuppam Engineering College, organized by the Department of ECE in collaboration with Pantech E-Learning Pvt. Ltd.

Miss BukyaDhanamma, a student of the ECE department, participated in the workshop on IoT at Kuppam Engineering College, organized by the Department of ECE in collaboration with Pantech E-Learning Pvt. Ltd.

Mr.ECharan Kumar Reddy a student of the ECE department participated in the Paper presentation event on 10/02/2025 at Kuppam Engineering College, Kuppam.

Mr. C. Naveen and Mr. E. Charan Kumar Reddy, students of the ECE department, participated in the Animation event on 10/02/2025 at Kuppam Engineering College, Kuppam

Mr. K. ChennaKesava, a student of the ECE department, participated in the annual sports volleyball game held at Kuppam Engineering College.

Mr Pera Mohan Krishna student of the ECE department participated in the Coding and reasoning event on 28/01/2025 at Kuppam Engineering College, Kuppam.

Students of ECE department participated and won first prize in the annual sports Cricket game on 2024 held at Kuppam engineering college.



Department Toppers 2024

I YEAR M.TECH (ES) Toppers list (2023-2025)

Sl. No	Hall ticket no.	Name of the student	Percentage
1	23f41d5501	D.Sirisha	79.12%

I YEAR M.TECH(VLSI)Toppers list(2023-2025)

Sl. No	Hall ticket no.	Name of the student	Percentage
1	23f41d5701	Haritha C	82.29%

II B.TECH I SEM Toppers list (2023-2027)

Sl. No	Hall ticket no.	Name of the student	Percentage
1	24F45A0463	VenkateshSindhu	82.04%
2	23F41A0422	JakkarajuRaghavi	81.32%
3	24F45A0459	Uma R	79.51%

II B.TECH II SEM Toppers list (2022-2026)

Sl. no	Hall ticket no.	Name of the student	Percentage
1	22F41A0429	G Keerthireddy	83.65%
2	22F41A0426	GYatheeshkumar	82.36%
3	23F45A0407	K S Gowthami	82.04%

III B.TECH I SEM Toppers list (2022-2026)

Sl. No	Hall ticket no.	Name of the student	Percentage
1	22F41A0426	G Yatheeshkumar	81.82%
2	22F41A0429	G Keerthireddy	81.61%
3	22F41A0403	AlakamJagadeesh	81.07%

III B.TECH II SEM Toppers list (2021-2025)

Sl. No	Hall ticket no.	Name of the student	Percentage
1	21F41A0406	B Supriya	88.80%
2	21F41A0410	B Dhanamma	83.54%
	21F41A0431	G Swapna	
3	21F41A0430	G Chandrika	83.33%

IV B.TECH I SEM Toppers list (2021-2025)

Sl. No	Hall ticket no.	Name of the student	Percentage
1	22F45A0402	B Harshitha	87.25%
2	21F41A0498	V.Varunkumar	83.87%
3	21F41A0412	Shaik Mohammad Ali	83.12%

Editorial Board

Dear Readers,

We're thrilled to send our warmest regards from the Department of Electronics and communication Engineering at Kuppam Engineering College. Being the editors for this issue has been an incredibly fulfilling experience. Through this newsletter, our goal is to spotlight the significant happenings of the semester and showcase the outstanding achievements of both our students and faculty. We hope this newsletter offers you valuable insights into the diverse accomplishments within our department. We extend heartfelt thanks to Dr.G.N.Kodanda Ramaiah our Department Head and R&D Director for his invaluable assistance, steadfast support, and guidance in creating this newsletter.

FROM HOD's DESK

Greetings from the Department of Electronics and Communication Engineering at Kuppam Engineering College! I am pleased to present this edition of our newsletter, which serves as a testament to the exceptional talent and dedication within our department. Through these pages, you will discover the significant milestones achieved by our students and faculty. I extend my sincere gratitude to all those who have contributed to the success of this newsletter. Your efforts have played a pivotal role in capturing the essence of our

department's journey. Let us continue to push the boundaries of knowledge and innovation as we embark on new endeavors in the field of Electronics and Communication Engineering.

Best regards

Editor-in-Chief:

Dr.G.N.Kodanda Ramaiah,M.Tech.,Ph.D
Professor-HOD/ECE and R&D Director,
Kuppam Engineering College.

Associate Editors:

1.Dr.K.Rasadurai,M.E.,Ph.D
Professor/ECE.

2.Mr.D.Sivakumar.M.E.,
Associate Professor/ECE.

3.Mr.G.Subramani.,M.E.,(Ph.D)
Assistant Professor/ECE.

Language Editors:

1. Dr. M. Lakshmipathy
Associate Professor/ECE.

2. Mr.R.Selvarasan,M.E.,(Ph.D)
Assistant Professor/ECE.

Seminar

Organized an **“One-day Seminar on Artificial Intelligence and its Career Opportunities”** on 24-08-2023. The session was handled by **Mr Ramasubramaniyam Selvakumar, Assistant Vice President, Hexaware Technologies, Chennai.** Around 200+ students were participated.



Seminar

Organized an **“One Day Seminar on Computer Vision: Image Recognition and Object Detection”** on 20-09-2023. The Speaker for the seminar is **Dr. U. Srinivasulu Reddy, Associate Professor at NIT, Trichy.** Around 110+ students were participated from the CSE and benefited out of this interactive seminar on Computer Vision: Image Recognition and Object Detection.



Seminar

Organized an **“One day Seminar on Intellectual Property Rights – Protect**

your Creativity with Patent” on 26-09-2023. The session was handled by **Dr. V. Agalya Professor and Associate Head R&D, NHCE, Bangalore.** Around 100+ students were participated.



Seminar

Organized an **“One day Seminar on Perspective of ICT Tools in Education”** on 03-11-2023. The session was handled by **Dr. R Balamurali, Assistant Professor at The ICFAI Foundation for Higher Education (IFHE), Chennai** Around 160 students were participated.



Seminar

Organized an **“One day Seminar on Communication Skill Development”** on 27-12-2023. The session was handled by **Dr. Arun Prabhu CS, Assistant Professor, Dept Of English, SRMIST, Chennai.** Around 120+ students were participated.



Seminar

Organized an “One day Seminar on Competitive Exam and Career Guidance” on 09-01-2024. The session was handled by Mr S Mani Mohan Trinath, GATE/ESE Trainer, ACE Engineering Academy, Chennai. Around 200+ students were participated.



Seminar

Organized an “One day Seminar on Green Computing on 12-02-2024. The session was handled by Mrs V Saranya Sri, Assistant Professor, Dept Of Computer Science, AM Jain Engineering College, Chennai. Around 100+ students were participated.



Seminar

Organized an “One day Seminar on Generative AI” on 23-12-2024. The session was handled by Dr. S. Kishore Verma, Associate Professor, Dept of CSE,GNITC, Hyderabad. Around 150+ students were participated.



Webinar

We organized Webinar on “Unlocking the door in Engineering Graduates” on 29-01-2025. The Speaker for the session is Mr.S. Mani Mohan Trinath, Faculty at ACE Engineering Academy. 100+ Students were attended.



Workshop

Organized an “One-day Workshop on Image Processing and Compression” on 04-04-2024. The session was handled by Mr CH Ravindar Reddy, Senior Application Engineer, Design Tech Systems, Bangalore. Around 100+ students were participated.



Workshop

Organized an “One day Workshop on The Metaverse: Driving Industry Transformation and Shaping the Future of Work” on 27-04-2024. The session was handled by Mr. Nirmal Jeyavelraj, Fonder, CEO & Director, Wizardlenz XR Studio, Chennai. Around 100+ students were participated.



Workshop

We organized One Day Workshop on “IOT in Drone Technology” on 22-07-2023. The Speaker for the session is Mr. Shamiullah M.Tech., Associate Professor from PMC, Hosur. 100+ Students were attended and improved knowledge on Drone technology.



Seminar

One day seminar on “Career Improvement Opportunities” organized on 02-02-2024 for III B.Tech Students. The session was handled by Dr. D. Jaya Kumar, Placement Officer from our institution.



Workshop

We organized Five Days Workshop on “Advanced Python Programming” from 24-09-2024 to 28-09-2024. The trainer for the session is Mr. N. Ravi Kumar, Ex. Executive Technical, APSSDC, AP. 60+ Students were participated.



Workshop

We organized Five Days Workshop on “Industry Oriented Coding Technology Using Python” from 01-10-2024 to 05-10-2024. The Trainer for the session is **Mr. N. Ravi Kumar, Ex-Executive Technical, APSSDC, AP.** 60+ Students were participated.



Seminar

Organized an “One-day Seminar on Business Intelligence Using Power Bi” on 28-09-2024. The session was handled by **Sir. M. Kesavan** Around 150+ students were participated.



Seminar

Organized an “One-day Seminar on Required Skill For Campus Ready” on 18-10-2024. The session was handled by **Dr. B. Yuvaraj, Prinicpal at PES Institute of Technology & Management, Shivamoga, Karnataka.** Around 120+ students were participated.



Webinar

We organized Webinar on “From Empathy to Prototype: A Design Thinking approach for Entrepreneurs” on 01-02-2025. The Speaker for the session is **Dr. L. Shakkeera, Professor & Associate Dean, Presidency University, Bangalore.** 250+ Students were attended this programme.



Seminar

Organized an “One-day Seminar on The Role of Modern AI in Automotive Industry” on 28-09-2024. The session was handled by **Sir. C. Hari Shankar** Around 150+ students were participated.

Sports Activities

JNTUA Organized University level Football Selection Event in our institution on 31st October 2023. **Mr. S. SREERAM** from **CSE IV B.Tech.**, was selected for University Football Team.



Harish G, T.Sai Charan Reddy, Ashok N, Bharath Kumar, Tharun G, Mukesh Naidu, G.Sai Kumar, Manjunatha Reddy, G.Ganesh, G.Naresh Reddy, G.Naresh Reddy, participated and Won Runner in **Cricket Tournament** organized by **Sri Venkateshwara College of Engineering** between 17-04-2023 and 19-04-2023.



S.SREERAM IV B.Tech., represented for the JNTUA Football team played the south zone inter university tournament organized by **SRM Institute of Science and Technology**, Chennai.



Internship

From our department 112 Students were undergone Short-Term and long-term Internship in the following organizations during the academic year 2024-2025.

- Swaas Solutions Pvt. Ltd.,
- Tezhire
- TAP Academy
- Data valley
- NAL
- Roman Technologies
- Movido Technologies

MoU

Our Department signed an MoU with Vaultsphere AI Technologies Private Limited at Kuppam on 12th Febraury 2025.





Other 50+ students from our department participated and got various prize in other college events.



Ms. Thanuja Sri and V. Pavana, III B.Tech. CSM, got Second Prize in Paper Presentation event held on 28-03-2024 organized by Madanapalli Institute of Technology, Madanapalli.



SK. Abdul Thohid III Year CSM got 2nd prize in Core Mania organized by GEC, Bargur, TN.



B. Pushpalatha and G. Hemasri from IV Year CSE got 1st Prize in Paper presentation event in technical symposium organized by PSV Engineering College on 24th April 2024.

V.Arvind, Seenu Madhavan, P.Akash from II Year CSE, got **First Prize in Technical Quiz, Debugging** in National Level Technical Symposium "Phantasm'24" held between 13th to 15th March 2024, Organized by GCE,Bargur,Tamil Nadu.

Purushotham, M.Arun Kumar, C.Sudharshan, L.Balaji, H.Dinesh, K.Abhi, A. Bhuvaneshwaran and G.Ramesh, got **First Prize for Paper Presentation, Query Quiest and Web Designing** conducted in the National Level Technical Symposium "Phantasm'24" held between 13th to 15th March 2024, Organized by GCE, Bargur, Tamil Nadu.

Faculty Publications

Dr. K. Logesh, V. Devipriya, Heart Arrhythmia Disease Prediction Using Logistics Regression Algorithms, IEEE Xplore Conference on Data Science and Information System, ISBN: 979-8-3503-8166-5,DoI-10.1109 / ICDSIS 61070. 2024. 10594706, 2024.

Mr. S. Babu, Dr. K. Logesh, V. Poornima, "Implementation of Emotion Prediction Through Speech using Neural Network", African Journal of Biological Science, ISSN: 2663-2187, Vol.6, Issue.10, May-2024.

Dr. K. Logesh, A.V. Santhosh Kumar, M. Bhavya, "Deep Learning Models for Accurate Snake Species Identification From Bite Marks", African Journal of Biological Science, ISSN: 2663-2187, Vol.6, Issue 5, May 2024.

Mr. K. Prakash, Mrs. K.V. Nandhini, "High Performance Software Defect Prediction Across Multiple Datasets with various Machine Learning Models", African Journal of Biological Science, ISSN-2663-2187, Vol.6, Issue-6, May 2024.

Dr. S. Gnanamurthy, "Skin Disease Detection System Using Deep Learning", International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), ISSN: 2320-9801, Vol.12, Issue.4, Pg.4034-4039, 2024

Dr. S. Gnanamurthy "Diabetic Retinopathy Prediction Using Machine Learning", International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), ISSN: 2320-9801, Vol.12, Issue.4, Pg. 3918-3924, 2024.

Dr. S. Gnanamurthy, "Anomaly Detection to Predictive Models: A Literature Review of Machine Learning for Cyber Security", International conference on Recent Trends in Multi-Disciplinary Research and Innovation(ICRTMRI'24),Pg. 625-633, 2024.

Dr. S. Gnanamurthy, "A Systematic Framework for Cyberthreat Detection Using Machine Learning Algorithms", African Journal of Biological Science, ISSN :2663-2187,DoI-10.33472/AFJBS.6.6.Vol.6, Issue.6. Pg.6251-6264, 2024.

Dr. S. Gnanamurthy, "AI-Driven Solutions for Guest Personalization and Experience Optimization", Journal of Instrumentation, Automation and Systems, Volume:11, Issue: 2, 2024

Dr. S. Gnanamurthy, "AI and Robotics in Managing Telecom Infrastructure", Journal of Instrumentation, Automation and Systems, Volume:4, Issue: 1, 2024.

Dr. S. Gnanamurthy, "Neural Network aided extended kalman filter for fault detection and isolation in nonlinear control system", Communications on Applied Nonlinear Analysis, ISSN: 1074-133X/, Volume:32, Issue:3, Page: 626 – 637,2025.

Mr. S Babu, Dr. M Aruna, "Improvising the lung cancer prediction by using machine learning algorithms with GAN", Sixth International Conference on Soft Computing and its Engineering Applications-Springer, Dec.2024.

A V Santhosh Kumar, N Suresh Kumar, R Kanniga Devi, M Muthukannan, "Analysis of Deep Learning-Based Approaches for Spam Bots and Cyberbullying Detection in Online Social Networks", AI-Centric Modeling and Analytics, doi: 10.1201 / 9781003400110, Vol-1, Issue-1, Pg. No. 324-362, 2024.

AV Santhosh Kumar, C Jayanthi, "Date Palm Disease Detection Using Inception V3 and VGG-16 Deep Learning Models", African Journal of Biological Sciencesdoi:10.33472/AFJBS.6.6.2024. Vol.6, Issue-6, Pg.1697-1702, 2024.

Mrs. A. Subha, "Fraud App Detection Using Machine Learning", IJIRCCE/e-ISSN:2320-9801/DOI: 10.15680/IJIRCCE.2024.1204276, Volume 12, Issue 4,1-4170.

Mrs. A. Subha, "S2s Translator Using CNN", IJIRCCE/e-ISSN:2320-9801/DOI: 10.15680/IJIRCCE.2024.1204276 Volume 12, Issue 4,1-4082

Mrs. N. Meghashree, Mrs. R. Kalai Selvi, Mrs. A. Subha, "Fraud Detection In Banking Data By Machine Learning", IJITCE/ISSN 2347-3667, Volume 12, Issue 4,1-175, 2024.

Mrs.S.Saranya Devi,"Adaptive size and Fit Predictor",Conference on Bharath Institute of Higher Education and Research,"(ICRIDET-24)Recent Innovation and Developments in Engineering Technology IJITCE/ISSN 2347-3667, Volume 12, Issue 4,1-175, 2024.

Mrs.S.Saranya Devi,"Machine Learning Technologies fir Enhanced Quality Produce",International Conference on Recent Trends in Multi Disciplinary and Innovation" in A.V.P College Arts and Science,Thirupur.

Mrs.S.Saranya Devi,"Harvest Forecasting Using Machine Learning",IJNRD,Volume 9,Issue 4 April 2024,ISSN:2456-4184

Mrs. R. Kalaiselvi, "Fake Products Detection System Using Blokchain", e-ISSN: 2320-9798, 2025.

Mrs. R. Kalaiselvi, Mrs. G. Malathy, "Data Structure Innovations For Machine Learning And Ai Algorithms", IJISRT25JAN1869, 2025.

Mr. G.S. Udaykumar, "Deep Learning based approaches on Brain Tumour Detection", International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Volume 12, Issue 4, 2024.

Mr. G.S. Udaykumar, "Design of Intelligent Garment Warehouse Monitoring System Based on Internet of Things", International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Volume 12, Issue 4. 2024.

Mr. G. S. Udaykumar, "Diabetes Prediction Using Classification Algorithms", International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 12 Issue XI, 2024.

Patent Publications

Dr. K. Logesh, "Innovative Approaches To Enhance Breast Cancer Detection Using Machine Learning And Image Processing", App. No. 202431051142

Book Chapter Publications

Dr. S. Gnanamurthy, Book title: "Leveraging Artificial Intelligence and Blockchain", Chapter name "Evolution of Artificial Intelligence: Research Topics, Trends, and Future Directions", Publisher-Routledge Taylor & Francis Group, 2025, ISBN 9781032699523.

Dr. S. Gnanamurthy, Book title: "Full Stack and Web Development", Scientific International Publishing House, 2024, ISBN:978-93-6132-683-7

Dr. S. Gnanamurthy, Book title- "Federated Learning and AI for Healthcare 5.0", chapter name "AI-Powered Healthcare System to Fight the COVID-19 Pandemic on Federated", IGI Global, 2024.

Dr. S. Gnanamurthy, Book title "Federated Learning and AI for Healthcare 5.0 ", chapter name "Edge-Cloud Collaborative Inference: Expending Federated Learning in Task Migration", IGI Global, 2024.

Orientation Programme for Communicative Skills

Organized an Orientation Programme in Communicative skills for the first year students on 5-08-2024. Dr. Ashok Kumar CH, Associate Professor, addressed the students about the skills Listening, Speaking, Reading, Writing skills.



Induction Programme on Career Counselling

Humanities & Sciences Department and Career Development Cell jointly conducted an Induction Programme on Career Counselling for the first year students on 07-08-2024 in C V Raman Auditorium of our college. Chief guests Sri. S. Dinakar Reddy, State Head of ICT Academy, Vijayawada, Andhra Pradesh and Smt. G. Vijila Jasmine, Cluster Head HR, TVS Mobility Pvt. Ltd, Hosur, Tamil Nadu addressed the students.



Two Day Induction Programme on Soft Skills and Human Values & Professional Ethics

Organized “Two Day Induction Programme on Soft Skills and Human

Values & Professional Ethics” for the first year students on 08-08-2024 and 09-08-2024 in C V Raman Auditorium and Sri Ramanujan Seminar Hall. Chief guests Mrs. K. Vani Sree and Mrs. J. Shwetha from Global Education and Training Institute, Bangalore addressed the students on Soft Skills, Stress Management, Leadership, Team work, planning, Human values and Profession Ethics.



Induction Programme on Physical Activity- Yoga

Conducted “Induction Programme on Physical Activity- yoga” on 10-08-2024 in Yoga Centre of our college. Sri. Ganesh yoga master addressed the students about physical and mental health and taught some asana to keep the body fit. He performed asanas for the students to do. Students learned some asana’s through this session



Induction Programme on Physical Activity- Sports

Organized “Induction Programme on Physical Activity-Sports” on two days 12th and 13th of August, 2024. Physical Director Mr. C. Sathish Kumar organized indoor and outdoor games for both boys and girls of the first year students. Students participated in Carrom, Chess, Badminton, Volley ball and Cricket. Also, our physical director addressed the students on the body fitness and mind relaxation.



Lifestyle Modification & Basic Life Support

Humanities & Sciences and NSS Unit jointly organized a programme on “Lifestyle Modification & Basic Life Support” on 29-08-2024 to the first year students in Sir C V Raman Auditorium. Cardiology Dr. Yashwanth Lakshmaiah, MBBS, M.D.DM and Dr. Bharat Kiran, MBBS, D. C. H. MD Anesthesia RLJ-Narayana Heart Centre Kolar addressed the students on the issues related to Heart and the treatment. They also explained how to lead a healthy life and prevent the heart disease. Dr. Stephy given demo on CPR to the students.



National Mathematics Day

Celebrated National Mathematics Day on 22nd December 2024. Students and staff members paid tribute to Srinivasa Ramanujan on his Birth Anniversary.



Faculty Achievements: Publications

Dr. Venkata Reddy Gorla, “Method Development and Validation by RP-HPLC Analysis for Quantitative Estimation of Carbamazepine”, ISSN: 1177.5653 (P), 1177-5661 (O), Volume 14 Number 4, December 2024.

Dr. C. G. Saranava, published a book “Impact of Information Technology on Academic Library Resources” in LAMBERT (Academic Publishing), on 28-11-2024.

Mr. M. Gangadharan, “The Importance of Robust Communication in Large- Scale Agile Development”, International Journal of Science and Research (IJSR) ISSN: 2319-7064, Volume 13 Issue 11, November 2024.

Mr. J. Madhavan, “Superior Fuzzy Set Correlation Coefficients For Multiple Attribute Decision Making (MADM) Using Intuitionistic Approach”, International Conference ISBN: 978–81–9784 –267- 2, 30th September 2024.

Mr. J. Madhavan, “Better Intuitionistic Fuzzy Set Correlation Coefficients For Multiple Attribute Decision Making (MADM)”, International Conference ISBN: 978-81-976783-2-5, 26th -28th September 2024.

Dr. V. Govindha Rajulu, “An Investigation into Teaching and Learning Vocabulary Effectively”, E-ISSN: 2582-2160, Volume 6, Issue 3, May-June 2024.

Mr. S. Silambarasan, R. Vadamar, P. Praveena, A. Arunraj, “L-asparagine monohydrate doped magnesium sulphate heptahydrate semiorganic crystals: growth, structural, thermal, and optical properties” International Conference, March 2024.

Mr.C. SathishPrabu, “Silver Nanoparticles (AgNps): Characterization of antibacterial and antioxidant properties using Myristica fragrans ethanol extract”, ISSN:2348-5221, Volume 11, Issue 3- 2024.

Patents

Mr. J. Madhavan owned a patent on “Method For Integrating Fluid Dynamics and Mathematical Modelling For Predicting Viscosity Changes”, 24th January 2025.



Mr. Silambarasan has successfully completed a NPTEL course conducted by the Indian Institute of Technology.



2023-2024 College Toppers

I-B.Tech I Semester



K LAVANYA, 9.5 GPA
23F41A0542, CSE



JAKKARAJU RAGHAVI, 9.3 GPA
23F41A0422, ECE



B SNEHA, 9.4 GPA
23F41A0509, CSE



D PUSHPANJALI GIRI, 9.2 GPA
23F41A0518, CSE



D PUSHPANJALI GIRI, 9.4 GPA
23F41A0518, CSE



N PAVITHRA, 9.2 GPA
23F41A0570, CSE

I-B.Tech II Semester



S NIKHIL KUMAR, 9.7 GPA
23F41A0597, CSE



R DURGA PRASAD, 9.2 GPA
23F41A0584, CSE

About the Department

The department is in existence from 2008 with an intake of 60 students, and the department focuses on inculcating the minds of the students the moral responsibility through value based management education and to prepare them as the most preferable professionals of the global corporate environment. Well educated faculty trains our management students to become future Entrepreneurs and Managers.

Industrial Visit

The MBA students recently visited Schreiber Dynamix Pvt Ltd, a leading company in the beverage sector. The purpose of this trip was to bridge academic learning with real-world business operations. Students gained hands-on field experience, explored the manufacturing process, and learned from industry professionals. It provided a valuable opportunity to deepen their understanding and better prepare for their future careers.



Seminar

The Department of Management Studies at Kuppam Engineering College has organized a program on "Intellectual Property Rights & Innovations" scheduled for 22-03-2024. Through this program, students and faculty will gain a deeper understanding of the importance of Intellectual Property Rights and the need for innovation in today's market.

Faculty Achievements: Paper Publications

A paper titled "Application of SERVQUAL Scale to Measure Service Quality at a Higher Education Institution with Reference to Kuppam Town" was published by Dr. N. Muneendra and Mr. M. Somasundaram in the International Journal of Creative Research Thoughts (IJCRT).

A paper titled "Consumer Buying Behavior towards Online Food Delivery Services in Bangalore" was published by Mr. M. Somasundaram and Dr. N. Muneendra in the International Journal of Creative Research Thoughts (IJCRT).

A paper titled "Automatic Pill Dispenser for Mines and Metal Industry Patients" was published by Dr. N. Muneendra in the Journal of Mines, Metals, and Fuels.

A paper titled "Sustainable Fuel Technology-Based E-Cycle" was published by Dr. N. Muneendra in the Journal of Mines, Metals, and Fuels.

FDP's by Faculties

Dr. N. Muneendra participated in a five-day online Faculty Development Program on "Data-Driven Decision Making to Enhance Management Practices through Analytics" from 9th December to 13th December 2024.

Mrs. K. Kalpana participated in a one-month workshop on Success Skill Development from September 13th, 2024, to October 5th, 2024. The program was jointly organized by the Directorate of Entrepreneurship, Innovation & Start-Ups (DEIS), JNTUH, Hyderabad, and Success Lifestyle Academy (SLA), Hyderabad.

Mrs. G. K. Jyothi participated in a one-month workshop on Success Skill Development from September 13th, 2024, to October 5th, 2024. The program was jointly organized by the Directorate of Entrepreneurship, Innovation & Start-Ups (DEIS), JNTUH, Hyderabad, and Success Lifestyle Academy (SLA), Hyderabad.

Dr. N. Muneendra participated in a five-day online Faculty Development Program on "Generative AI – A Comprehensive Approach to Research Writing, Proposal Development, and Funding" conducted by Sri Krishna College of Engineering and Technology, Coimbatore, Tamil Nadu, from 27th January to 1st February 2025.

Student Achievements

S. Dinesh, a first-year MBA student, has won the National Level Bodybuilding Competition 2024 held in Goa.



Seminar on "How to face an Interview"

Seminar on "How to face an interview" was organized to IInd & IIIrd year B.Tech students on 5th Feb 2024. **Ms. Pavithra, Softskills trainer from Inlustro** has handled the session. The trainer explained the importance of learning various skills and confidence needed to successfully face an interview and increase their chances of getting hired.



Seminar on "IoT Fundamentals: Understanding the Basics"

Seminar on "IoT Fundamentals: Understanding the Basics" was organized to IIIrd year B.Tech students on 20th Feb 2024. The Session was handled by **Mr. Palani, Technical Trainer, SKILLSDA, Chennai**. This seminar was highly beneficial for students as it provided them with a comprehensive introduction to the Internet of Things (IoT) and its underlying principles.



IT CONCLAVE - Showcasing Cutting Edge Technologies

Today's technology has paved the way for better communication and ensured fast and visible communication between the industries and job seekers. To promote this proactive exchange, we have organized an **IT Conclave on "Showcasing Cutting Edge Technologies"** to all IIIrd year B.Tech students on 2nd Mar 2024. The prominent speakers **Mr. Jerome Rajadurai, Mrs. Keerthana Kannan and Ms. Sriyamini J, Senior Consultant/ IT Professional, Xebia Chennai**, marked their presence. It is highly beneficial for students as it provided them with a unique opportunity to explore the latest advancements and innovations in the field of information technology.



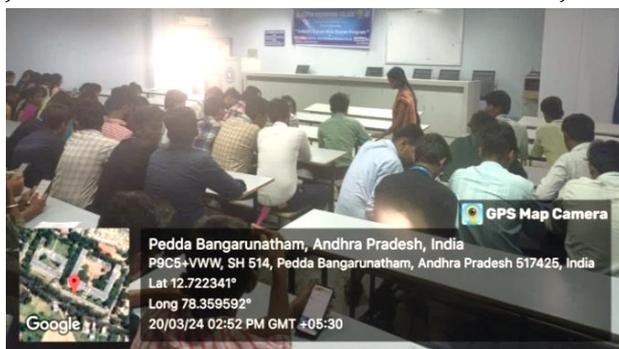
Seminar on "IT sector readiness: Developing essential Technical skills"

Seminar on "IT sector readiness: Developing essential Technical skills" was organized to Final year B.Tech students on 11th March 2024. The Session was handled by **Mr. Srinivas, Senior Technical Trainer, Hyderabad**. The Trainer has discussed about Technical skills which plays vital for personal growth, career advancement and driving innovation.



Hands on Workshop on "LinkedIn for Job Seekers: Tips and Strategies for Success "

Hands on workshop on “**LinkedIn Career Kick starter Program**” was organized with the collaboration of Focus 4D Career Education Pvt. Ltd. to Ist and IInd year B.Tech students on 20th Mar 2024. The Session was handled by **Ms.Jhosna & Ms. Sravani, FacePrep, Coimbatore**. It is highly beneficial for students as it provided to learn how to create a professional online presence, build a strong network, and leverage LinkedIn's job search features to land their dream job.



Seminar on “Art of Public speaking and the Effective Communication”

The Seminar on “**Art of Public speaking and the Effective Communication**” was organized to all IInd & IIIrd year B.Tech students on 06th May 2024. The Session was handled by **Mr. G. Ram Kumar, State Head, Prepinsta, Chennai**. This session covered key techniques such as body

language, tone modulation, and audience engagement to enhance communication skills. Students developed their ability to convey ideas clearly and persuasively, making them effective communicators in both personal and professional settings.



Seminar on "Life, Interpersonal and Team skills: Essential for Success"

Seminar program on "**Life, Interpersonal and Team skills: Essential for Success**" was organized to IInd year B.Tech students on 16th July 2024. The Session was handled by **Mr. Kathiravan, HR - Manager, Rinex Technologies, Bengaluru**. It is highly beneficial for students as it enables them to develop essential life skills, enhance their interpersonal relationships, and become effective team players.



Seminar on "Strategies and essential skills required for placement Success"

Seminar on "**Strategies and essential skills required for placement Success**"

was organized to all Final year B.Tech students on 23rd July 2024. The Session was handled by **Dr. Anand Sambhamoorthy, CEO, Inlustro, Chennai.** It is highly beneficial for students as it provided them with a comprehensive understanding of the current placement trends and expectations in various industries, knowledge and skills required to succeed in their chosen careers.



Seminar on "Unlocking your potential: Career counseling and Guidance"

Seminar on "Unlocking your potential: Career counseling and Guidance" was organized to IIIrd year B.Tech students on 26th July 2024. The Session was handled by **Mr. Harshith, HR Manager, TAP Academy, Bengaluru.** It is highly beneficial for students as it provided them with expert guidance and counseling to help them discover their strengths, passions, and career aspirations.



Seminar on "Transition from School to College"

Seminar on "Transition from School to

College" was organized to all Ist year B.Tech- students on 01st August 2024. The Session was handled by **Mr. Dinakar Reddy, State Head - Andhra Pradesh, ICT Academy, Vijayawada.** It is highly beneficial for students as it provided them with valuable insights and practical advice on navigating the significant transition from school to college life.



Seminar on "Building a Career in Automotive Electronics and Automotive Mechanical Engineering"

Seminar on "Building a Career in Automotive Electronics and Automotive Mechanical Engineering" was organized to III & IV year B.Tech – ECE, EEE & MECH students on 02nd August 2024. The Session was handled by **Mr. Purushothaman, N.G, Deputy Manager, Delphi TVS Technologies, Chennai.** It is highly beneficial for students as it provided them with a comprehensive understanding of the automotive industry, its trends, and the skills required succeeding in this field.



Two days training on "Effective communication and Team work: Essential soft skills for first year students"

Two days training on "Effective communication and Team work: Essential soft skills for first year students" was organized to First year B.Tech- students on 05th & 06th Aug 2024. The Session was handled by **Mrs. Vani Sree, Motivation Trainer & Mrs. Shwetha, Soft skill Trainer**, Bengaluru. It is highly beneficial for students as it equipped them with essential soft skills to succeed in their academic and professional careers.



Seminar on "Industry Insights: Understanding Placement Trends and Expectations"

Seminar on "Industry Insights: Understanding Placement Trends and Expectations" was organized to all Final year B.Tech students on 13th Aug 2024. The Session was handled by **Mr. Aravind, CTO, Inlustro**, Chennai. The expert was

explained with a comprehensive understanding of the current placement trends and expectations in various industries and advised the students to focus on building technical proficiency, soft skills, and networking abilities.



Seminar on "Industry Insights: Alumni Sharing Their Career Experiences"

Seminar on "Industry Insights: Alumni Sharing Their Career Experiences" was organized Final year B.Tech – ECE & CSE students on 31st August 2024. The Session was handled by **Mr. Nithish Kumar, Software Developer, Swaas Systems Pvt. Ltd.** Alumni of 2024 Batch. He has shared his experiences, challenges and successes with the students.



Technical Training on "Java Full Stack Development"

Technical training Program on "Java Full Stack Development" was organized to IV Year B.Tech students for 20 days from 26th Aug to 20th Nov 2024. It helped students to with Java based technologies and

develop a Full Stack application, applying theoretical concepts to real world problems.



Seminar on "Assess, Learn and Grow: PrepInsta Tools for career success"

Seminar on "Assess, Learn and Grow: PrepInsta Tools for career success" was organized to IInd & IIIrd year B.Tech-students on 23rd Sep 2024. The Session was handled by **Mr. G. RamKumar, State Head, Prepinsta, Chennai**. It is highly beneficial for students as it provided them with a comprehensive understanding of how to leverage PrepInsta's innovative tools and resources to achieve career success.



Training on "Ace the Interview - Communication skills, Interview skills"

Training program on "Ace the Interview - Communication skills, Interview skills" was organized to Final year B.Tech students on 24th to 28th Sep 2024. The Session was handled by **Mr.Chandu, Life and Soft skills Trainer, Inlustro**. It is

highly beneficial for students as it equips them with the necessary skills to confidently communicate their ideas, showcase their strengths and successfully navigate.



Training on "Aptitude & Reasoning skills for Career Success"

Training Program on "Aptitude & Reasoning skills for Career Success" was organized to Final year B.Tech students from 01st to 05th Oct 2024. The Session was handled by **Mrs. Pavithra, Quants Trainer, Inlustro**. The session was helped the Students to learn Aptitude & Reasoning topics and develop their analytical, problem-solving, and decision-making skills, enabling them to crack challenging aptitude tests and excel in their careers.



Seminar on "The role of EEE and Mechanical engineers in shaping future manufacturing and automation Industry"

Seminar on "The role of EEE and

Mechanical engineers in shaping future manufacturing and automation Industry" was organized to IInd, IIIrd & Final year B.Tech- EEE & MECH students on 22nd October 2024. The Session was handled by **Mrs. Vijila Thomas, Serior HR manager, TVS Mobility, Hosur.** It is highly beneficial for students as it provided them with a comprehensive understanding of the critical role that Electrical, Electronics, and Mechanical engineers play in driving innovation and growth in the manufacturing and automation industry.



Hands on Workshop on "Automation Electric vehicle Technology and Innovation"

Hands on workshop on "Automation Electric vehicle Technology and Innovation" was organized to IInd, IIIrd & IV year B.Tech – EEE & MECH students on 23rd Nov 2024. The Session was handled by **Mr. V.Akhil, Technical trainer & Placement officer, TATA Strive, Hyderabad.** It is highly beneficial for students as it provided them with a unique opportunity to gain practical experience and hands-on knowledge of electric vehicle technology, its design, development, and innovation.



Seminar on "Industrial Automation control using PLC and SCADA"

Seminar on "**Industrial Automation control using PLC and SCADA**" was organized to IInd & IIIrd year B.Tech- ECE & EEE students on 20th November 2024. The Session was handled by **Mr. Parthasarathy, Associate Director, Mcore Technologies, Bengaluru.** It is highly beneficial for students as it provided them with in-depth knowledge and understanding of industrial automation technologies, including Programmable Logic Controllers (PLC), Supervisory Control and Data Acquisition (SCADA) systems.



Mega Job Fair - 2024

We have organized "**Mega Job Fair – 2024**" @ Kuppam Engineering College on April 27th, 2024 by Kuppam Educational society and BCN charitable trust. Total 28 esteemed companies from Core, IT, BPO/BSM, Banking and Edutech sectors have participated, provided invaluable

opportunities to the various college students.

A total of 526 enthusiastic students were attended the job fair, in that 338 students from various institutions have secured placements, marking a significant milestone in their professional journey.



Dr. D. Jayakumar, Professor - ECE & TPO, received a MongoDB Academia Summit Distinguished Mentor - 2024 Award by MongoDB, Inc. on 10th September 2024 at Bangalore.

Industry Collaborations

We have collaborated with **ICT Academy** to enhance the skills of our students. As part of this partnership, we have initiated two exciting programs: **Learnathon** and **MongoDB Certification Course**.

We are thrilled to report that:

- 524 students have successfully completed the Learnathon course
- 492 students have completed the MongoDB course

In recognition of our institution's commitment to providing high-quality education, we have received the prestigious "**MongoDB for Academia Partnership**" certificate.



Visit to Dephi TVS Chennai

On 15.03.2024, Dr. D. Jaya Kumar, TPO, and B.K. Subramanyam visited Delphi TVS, Chennai. They thanked Mr. N.G. Purushothaman, HR Assistant Manager for the opportunity given to our Kuppam Polytechnic students.



Career Breakthrough - Seminar

On 31.01.2025 conducted a seminar on "Career Breakthrough" for all I and II year diploma students, organized by Elfinity Technologies. The session aimed to provide valuable insights into career opportunities, skill development, industry expectations, and more.



Awareness program on Visual Learning

On 30.12.2024, an awareness program on Visual Learning (online education through virtual mode) was conducted for all our I and II year polytechnic students by Mr. Ram and Mrs. Kala of Info Plus Technologies, UK Ltd, Hyderabad.



Sports Meet (STATE LEVEL)

A group of talented students from Kuppam Polytechnic College have been selected to participate in a prestigious state-level sports event organized by the Andhra Pradesh Technical Education & Training (AP-TET). This achievement marks a significant milestone for the college, as it showcases the students' exceptional skills and commitment to excellence in extracurricular activities.



Meditation to students

At Kuppam Engineering College (Polytechnic), students are adopting meditation as a tool to cultivate good habits and enhance their focus. This practice has proven to be a powerful method for improving mental clarity, reducing stress, and boosting concentration levels.



bringing pride to the institution. The event provided a platform for students to excel in athletics and games, promoting physical fitness and competitive spirit. Their achievements reflect the college's commitment to encouraging sports and overall student development.

NSS Events

Students from **Kuppam Engineering College (Polytechnic)** actively participated in the **National Service Scheme (NSS)**, engaging in environmental protection initiatives. As part of the program, they took measures to safeguard plants, promote greenery, and contribute to various social service activities. Their efforts reflect a strong commitment to community service, sustainability, and social responsibility. Through these initiatives, students not only enhanced their leadership and teamwork skills but also made a positive impact on the environment and society.



Students Achievements

Students of **Kuppam Engineering College (Polytechnic)** actively participated in **Sports Day**, showcasing their talent, teamwork, and sportsmanship. Their dedication and hard work paid off as they secured **trophies** in various events,

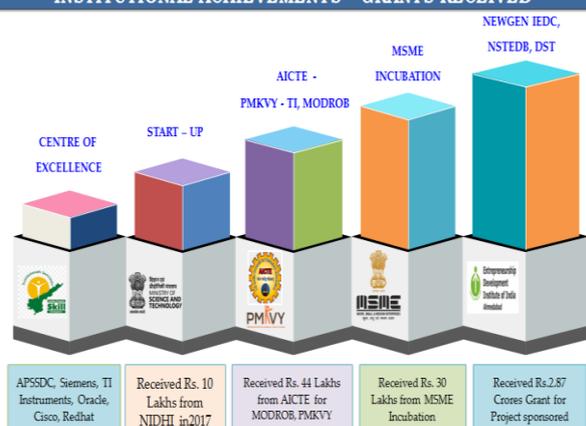
About R & D

Institution has created an ecosystem for innovation including incubation centre and other initiatives for creation and transfer of knowledge. The college has a Research and Development Cell to monitor and address the issues of research by a senior professor.

Functions of the R&D Cell:

- Creating research traditions among faculty members and students.
- Motivating to undertake minor and major research projects from various funding agencies.
- Identification and assisting for finance from Management as well as funding agencies like DRDO, DST and AICTE.

INSTITUTIONAL ACHIEVEMENTS - GRANTS RECEIVED



Total fund received from Government: 429.26 Lakhs.

List of Government supported Innovation centres in HEI

- NewGen IEDC by NSTEDB supported by DST.
- Andhra Pradesh State Skill Development Centre (APSSDC)
- Technical Skill Development Institute (TSDI) by Siemens Center

of Excellence.

- Institute Innovation Cell (IIC) by MHRD
- PMKVY - TI& MSME.

Research Grants Received

We have successfully completed and received appreciation for the following Innovation & Entrepreneurship activities:

1. New Generation Innovation and Entrepreneurship Development Centre: Fund received – 2.87 Cr, 5 Years Support to build entrepreneurial ecosystem in college, Supported funding for 90 Student's Innovative Projects. Filed 14 Patents through IEDC centre.
2. Entrepreneurship sponsored by EDI - 15 days (Provided Awareness to 22 faculty on Entrepreneurship through FDP, Sponsored by DST – NIMAT).
3. WEDP - 30 days (Provided Awareness for 30 Women on Entrepreneurship WEDP scheme).
4. 10 EAC camp's for students (Provided Awareness on Entrepreneurship for 790 students through 10 Entrepreneurship Awareness Camps).
5. Incubation Centre : Supported 11 startups. Intellibin Solutions Private Limited, Kuppam Electro Solutions Private Limited, EveZon India Private Limited, Damasmart (F2C), etc.
6. Innovation Ecosystem: Makers Space, Thinker CAD lab, Centre of

Excellence in IoT. Prototype and Development of PCB Lab.

7. Details of incubation facilities:

Institute has MSME– Business Incubation Center to promote the innovators. Received funding of 73.5 lakhs for five ideas.

I. Green Doctor A Reliable Food Toxic Detector Year of Sanction – 2021-22, Funding Received : 15 Lakhs. Student Innovator: Ms. J Bhavyasri, Status: Prototype is completed.

II. Braille-Toy Indian Local Language Braille Teaching Toy Year of Sanction – 2020-21, Funding Received : 15 Lakhs, Student Innovator: Ms. P Shanthi, Status: Product Testing Stage.

III. Organic Fertilizer from horticulture waste Year of Sanction – 2022-23, Funding Received : 13.5 Lakhs, Student Innovator: Mr. B. Mohith, Status: Product Testing Stage.

IV. Friendly Forge - Bringing life to the fashion Year of Sanction – 2022-23, Funding Received : 15 Lakhs, Student Innovator: Ms. P Chitra Sri, Status: Product Testing Stage.

V. A novel technique to increase the efficiency of storage battery through ML-based sulfation prediction Year of Sanction – 2023-24 : Funding received: 15 lakhs, Student Innovator : Ms. M Suchitra, Status : Ongoing.

Student Start-ups

1. Name of Start-up Intellibin Solutions Pvt. Ltd (Smart Bin Project) Members R N Mohan G Priyanka Santhosh B Panjagal Funding Agency NSTEDB DST Govt. of India Student Startup NIDHI Scheme.

2. Name of Start-up Kuppam Electro Solutions Pvt. Ltd Members Rithin K. Thedevos, Christo.V.G, V Maheshwaran. S Nanda Kishor Funding Agency NewGen IEDC, Kuppam Engineering College.

3. Name of Start-up Damasmart (F2C Project) Members D.Bharath • M.Nirmal Kumar • K Ganesh Funding Agency NewGen IEDC, Kuppam Engineering College.

4. Name of the Start-up: Evezon private limited. Members Mr. S. Yaswanth, Mr. Prakash, Funding Agency NewGen IEDC, Kuppam Engineering College.

5. Exclor Academic solutions Pvt. Ltd. Kuppam, Members Mr. M. Ranjith Kumar, Mr. M. Sathiyarayan, Funding Agency NewGen IEDC, NST-EDB DST Govt. of India Startup Scheme.

In last five years, Total 16 Start-up have been established.

Students will be encouraged to take up innovative projects with the possibility of commercialization. KEC NewGen IEDC has a mission to “Promote knowledge-based and technology-driven start-ups by

connecting young minds and their innovation potential in an academic environment". The college has pre-incubation unit for supporting the students in establishing the start-ups.



Maker Space - Design Thinking

Maker spaces are gaining traction for the many benefits they provide students as these spaces are integrated into classrooms and schools. Maker spaces are designed to challenge students to create and learn through hands-on, personalized experiences throughout elementary, middle and high school

MSME-BI

The main objective of the MSME-BI is to promote & support untapped creativity of individual and to promote adoption of latest technologies in manufacturing as well as knowledge based innovative MSMEs. Provides opportunity to the innovators in developing and nurturing their new innovative ideas for the production of new innovative products. Platform for Host Institutions (HI) to explore the new innovative ideas from the Incubate of various sectors which may be entrepreneurs or students from the any streams.

Internship In-plant Training Room

Internship In-Plant training (IIT) is a short duration training course for students to develop their skills relevant to professional development prior to graduation and get industrial knowledge which will help to understand what is actually happens in industry. Industrial Training is an essential component in the development of the practical and professional skills required for an Engineer and an aid to prospective employment.

Innovation and Tinker CAD LAB

Tinkercad is an intuitive online platform that enables users to create 3D designs, circuits, and simulations easily. It's widely recognized for its user-friendly interface, making it accessible for beginners and advanced users alike. With Tinkercad, you can bring your ideas to life through virtual modelling and simulation, making it a popular choice for educators, hobbyists, and professionals alike.

COE - Cognitive Radio & SDR

To upgrade the knowledge in advance microwave components and to measure the signal performance in spectrum and network analyser. To analyses the performance of cognitive radio software defined device for research scholar through advanced software and hardware antenna.



MSME - Review & Seminar

MSME Business Incubation Inspection & Review meeting for MSME BI Rs. 15 Lakhs funded ideal and product demo, held on 27.09.2024. Project title “Friendly Forge - Bringing life to the fashion” presented by the following team members 1. Student Innovator: Ms. P Chitra Sri, 2. MSME Mentor Dr. P. Ajay Kumar Reddy, Asso. Prof/ ECE, 3. MSME Business Incubation Coordinator Dr. G.N. Kodanda Ramaiah, Director R & D Hed-ECE . Mr. R.N. Reddy, MSME Inspection Officer from MSME, Hyderabad, conducted a review and also he addressed the final students about How to write an MSME IDEATHON’s proposal



MSME Product Development

MSME Product Development & Marketing meeting for Milk adulteration Kit which was funded MSME Incubation Project held

on 27.09.2024. Dr. Mahammad Dada and Dr. K Tanveer Alam from Accenaar Technologies, Kurnool discussed with Dr. P. Ajay Kumar Reddy Asso. Prof/ECE, Mr. R. Selvarasan, Asst. Prof/ECE for product development and promotion.



MSME Product Inspection

MSME Incubation Inspection & Review meeting for Project title “Organic Fertilizer from Horticulture Waste” held on 27.09.2024. Mr. R.N. Reddy MSME Officer from MSME, Hyderabad conducted review and address to the students about How to write MSME proposal.



Awareness Seminar On Grants

Dr. G. N. Kodanda Ramaiah, Director, R&D and Head-ECE, served as the resource person for an Awareness Seminar on “R&D Proposals for Government-Funded Projects” at Kuppam Engineering College on February 13, 2025.



APSCHE – I F P Training

Two weeks APSCHE - I.F.P in Smart Board training conducted by Kuppam Engineering College, In this training program nearby Government School Teacher are participated. Mr G.Vivek, Asst. Prof, ECE acted as trained of this program.



The seminar aimed to guide faculty and researchers on effectively preparing and submitting R&D proposals for government funding. He shared valuable insights on proposal structuring, funding opportunities, and key evaluation criteria, encouraging participants to actively engage in research initiatives.

Project Training for School Students

Mr. G. Vivek, Assistant Professor, ECE, association with R&D provided training and guidance to diploma students for the successful completion of their projects on December 2024. The training focused on technical skills, project development methodologies, and problem-solving strategies, ensuring students gained practical experience and a deeper understanding of their subjects. The session was highly beneficial, fostering hands-on learning and encouraging students to excel in their project work.

Appreciation for MSME & NewGenIEDC



Dr. G.N. Kodandaramaiah, Chief Invigilator, New Gen IEDC, Dr. Santhosh B. Panjagal, Asso. Prof/ECE, Mr. M. Lakshmipathy Asso. Prof/ ECE, Mr. Sathayanarayana.S, ECE, have been appreciated for successfully completion of Rs. 287 lakhs funded, NewGenIEDC Project. Further, Dr. P. Ajay Kumar Reddy, Asso. Prof, ECE, Mr. G. Vivek, Asst. Prof, ECE, have been appreciated for successfully completed Rs. 60 lakhs MSME project.

The Journey of Self Discovery: Finding Your Passion and Purpose

Organized a motivational event for the girl's students on 1-02-2024. This event stressed that everyone is having their own talent but they fail to identify it.



Cleaning & Maintenance of plants

On 28-02-2024, our volunteers removed unwanted grass from the surrounding of the planted saplings. And, also they did maintenance for the planted saplings.



NSS Special Camp

Adopted Kotha Indlu Village of Kuppam Mandal and conducted Seven Days Special Camp from 18-03-2024 to 24-03-2024. The Chairman Sri. B. C. Nagaraj, Vice Chairman Dr. N. Sunil Raj and CEO Sri. N. Sagar Raj inaugurated the Camp along with Sarpanch Mr. Kumaraswamy, Timmaraya Swamy temple chairman Sri. Shanmugam. The NSS volunteers did Socio Economic Survey, Cleaning and Sanitary, Tree Plantation Programme, Awareness on Higher Education to the school students, Health Camp, and Awareness on Digital Transactions.



Free Eye Screening Camp

The NSS Unit and Lens Maker Krishnagiri Tamil Nadu jointly conducted “Free Eye Screening Camp” in Kuppam Engineering College on 02-04-2024.



Sapling plantation

For Environment Protection our NSS Unit Planted Sapling in the college premises on 5-06-2024. The Chairman Sri. B. C. Nagaraj & Vice-Chairman Dr. N. Sunil Raj addressed the students about environment protection and planted saplings.



Umbrella Distribution to the Street Vendors

NSS Unit and Lions Club of Kuppam Warriors jointly organized the event “Umbrella Distribution for street Vendors” in Kuppam Town on 06-06-2024. Dr. N. Sunil Raj vice-chairman of our college distributed to the street vendors.



Yoga for Yourself and Society

Organized an event “Yoga for Yourself and Society” to create an awareness about Yoga in Kotha Indlu ZP High School on 20-06-2024. Sri. Ganesh the yoga master was explained the importance of yoga and taught a few asanas to the school students to enhance their concentration and memory power.



International Yoga Day

NSS Unit celebrated “International Yoga Day” in our yoga center on 21-06-2024. Sri. Ganesh the yoga master taught a few asanas to the students, to practice in their day to day life.



Health Tips for Healthy Life

Conducted an awareness “Health Tips for Healthy Life” on 4-07-2024 for the faculty members of Kuppam Engineering College. The Chief guest Sri. Pavan, shree shree Arogaya fitness products addressed the faculty members.



Ek Ped Maa Ke Naam Abhiyanon

In view of Ek Ped Maa Ke Naam Abhiyanon, we planted Sapling in the college premises on 6-07-2024. The Chairman Sri. B.C. Nagaraj, initiated the event by planted a sapling.



Van Mahotsav

Planted Saplings in kuppam newpet ZP High School premises on 15-07-2024. Sri. Guruprasad Naidu, Incharge Head Master, school staff members and volunteers were planted 30 saplings.



Seasonal Diseases and Prevention

Conducted “Seasonal Diseases and Prevention” programme to the ZP High School students in Kuppam on 15-07-2024. Addressed the students about Dengue, Typhoid and Malaria. Do’s and Don’ts are explained to avoid the seasonal diseases.



Health Camp

The NSS Unit & Lions Club of Kuppam Warriors jointly organized “Health Camp” on 10-08-2024. Mr. A. Mahesh Lions Zone Chairperson addressed the patients about the advantages of the camp.



Awareness on Drug Abuse

On 12-08-2024, organized an awareness event on "Drug Abuse". In this event Mr. M. Gangadharan addressed the students briefly about the global and local prevalence of drug use and its consequences. After the event they took pledge against drug.



Cleaning & Maintenance of planted saplings

Conducted "Cleaning & Maintenance of planted saplings" on 31-08-2024 in our College premises. The NSS volunteers cleaned the places near by the planted saplings.



Body and Mental Health through Yoga

Conducted an event "Body and Mental Health through yoga" on 05-09-2024 in Yoga Centre of our college. Sri. Ganesh yoga master addressed the students about physical and mental health and taught some asanas to keep the body fit. He taught asanas for the students to do.



Distribution of Deworming Tablets

NSS unit and Sub Primary Health Centre jointly organized "Distribution of Deworming Tablets" on 17-09-2024. Mrs. Lalitha Staff Nurse, Mrs. Subathra ASHA worker and her team as visited our college on 17-09-2024 and distributed the tablets to our students and explained the necessity and benefits of the tablet.



Swachhata Hi Seva

Conducted the "Swachhata Hi Seva" on 19-09-2024 in Bevenapalli village. This is an event to create the awareness about the "Plastic Usage" among the villagers. The NSS Volunteers collected and destroyed the plastics and bottles thrown the road sides of the village.



NSS Foundation Day

On 24-09-2024, NSS Foundation Day celebrated. Sri. B. C. Nagaraj the Chairman planted saplings to make this day a memorable one.



Gandhi Jayanthi Celebration

Celebrated Gandhi Jayanthi on 02-10-2024 in our administrative block. The principal Dr. S. Sudhakar Babu addressed the students on this occasion and paid tribute to Mahatma Gandhi.



Bus Shelters Cleaning

On 2-10-2024 the NSS team cleaned the bus shelters which were situated near industrial area circle and the other one near to Shadhi Mahal circle in kuppam town. Volunteers cut down the bushes and cleared the plastics, bottles thrown by the public.



World Students Day

NSS unit celebrated World Students Day on 15-10-2024. The students paid tribute to Dr. APJ Abdul Kalam on his 93rd birth anniversary.



Rashtriya Ekta Diwas

Celebrated "Rashtriya Ekta Diwas" on 31-10-2024 in our college premises. Mr. M. Gangadharan Asst. NSS officer explained life history of Sardar Vallabhai Patel. Students paid tribute to Sardar Vallabhai Patel.



Constitution Day Celebration

In the view of 75th constitution day, the NSS unit conducted an essay writing competition "The 75th Year of India's Constitution" to create an awareness about our constitution among the students. The students from various branches are participated in the competition.



Human Rights Day

Organized an awareness programme, “Basic Rights” on 10-12-2024. In this event Dr. K. Rasadurai, addressed the students. He explained the Basic Rights of the human.



Take the Rights Path: My Health, My Right!

Organized a program “Take the Rights Path: My Health, My Right!” on 1-12-2024. The Doctors Dr.Chitranagaraj (HOD), Dr.Anil (Associate Professor) Dr.Mahesh, Dr.Vignesh from PES Medical College given awareness about HIV awareness.



Free Eye Checkup Camp

NSS Unit & Lions Club of Kuppam Warriors organized “Free Eye Checkup Camp” on 14-12-2024. Dr. A. Mahesh Lions Zone Chairperson addressed the patients about the advantages of this Eye camp.



Death Anniversary of Dr. B. R. Ambedkar

69th death anniversary of Dr. B. R. Ambedkar was observed on 06-12-2024. Our students paid tribute on this day by remembered his contributions.



Blood Donation & Blood Grouping Camp

On December 27th, 2024 our NSS Unit organized blood donation camp in our campus. 36 units were donated in the camp. PES Blood Bank collected the blood.



Safety' on 29th January 2025 at Pragna Innovative School, Kuppam. The event aimed to educate students on the importance of road safety and responsible behavior on the roads.



National Youth Day

National Youth Day has been observed on January 12, 2025 to commemorate the birth anniversary of Swami Vivekananda's. The employee and student paid tribute to Swami Vivekananda.



National Martyrs' Day

On January 30, 2025, The NSS Unit of Kuppam Engineering College solemnly observed National Martyrs' Day to honor the sacrifices of the nation's heroes, particularly Mahatma Gandhi, on his death anniversary. A tribute was paid to Mahatma Gandhi through a floral homage, followed by a moment of silence to honor all the martyrs who laid down their lives for the nation

National Voters' Day

Organized the National Voters' Day celebration on 25th January 2025 with great enthusiasm and commitment. The event aimed to raise awareness about the importance of voting and encourage students to participate in the democratic process.



Know Your Bin: Segregate Waste, Save the Planet

On 14th February 2025, the NSS Volunteers of Kuppam Engineering College, observed Black Day and paid tribute to Martyrs of Pulwama Attack.

Bright Futures Begin with Bright Road Safety

Conducted a Road Safety program 'Bright Futures Begin with Bright Road

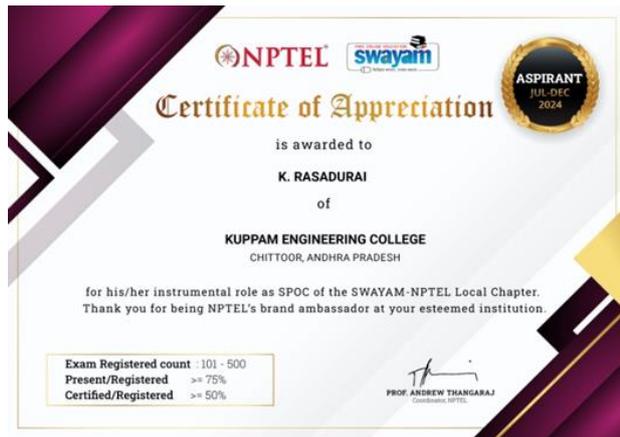


Know Your Bin: Segregate Waste, save the Planet

On 15th February 2025, the NSS Volunteers of Kuppam Engineering College, organized a community outreach campaign on **“Know Your Bin: Segregate Waste, Save the Planet”** at Pedda Bangarunatham. The students went door-to-door, visiting households in Pedda Bangarunatham. They explained the importance of segregating dry, wet and domestic hazardous waste at the source.



SWAYAM - NPTEL



SWAYAM - NPTEL LOCAL CHAPTER NPTEL PARTICIPATION DETAILS

Online Certificate Courses

Details of Number of students Registered for

S. No.	Academic year	Period of Event Conducted	Total No. of Registered	Total No. of Pass	Enrollments
1	2024-25	Jan-Apr 2025	-	-	767
2		Jun-Oct 2024	384	238	1021
3	2023-24	Jan-Apr 2024	173	64	727
4		Jun-Oct 2023	359	216	1186
5	2022-23	Jan-Apr 2023	202	76	710
6		Jun-Oct 2022	30	9	318
7	2021-22	Jan-Apr 2022	9	6	668
8		Jun-Oct 2021	-	-	115
9	2020-21	Jan-Apr 2021	15	4	149
10		Jun-Oct 2020	4	3	180
11	2019-20	Jan-Apr 2020	10	10	190
12		Jun-Oct 2019	20	12	517
13	2018-19	Jan-Apr 2019	82	59	979
14		Jun-Oct 2018	10	10	1104
Total			1298	707	8631



LC ID	COLLEGE NAME	CITY	STATE	PRESENT	SUCCESSFULLY COMPLETED	ELITE	SILVER	GOLD	TOPPER	CERTIFIED	OVERALL %	RATING
1888	KUPPAM ENGINEERING COLLEGE	CHITTOOR	ANDHRA PRADESH	383	108	87	39	5	7	238	62 %	ASPIRANT
1888	KUPPAM ENGINEERING COLLEGE	CHITTOOR	ANDHRA PRADESH	161	53	27	4	-	2	64	40 %	ACTIVE



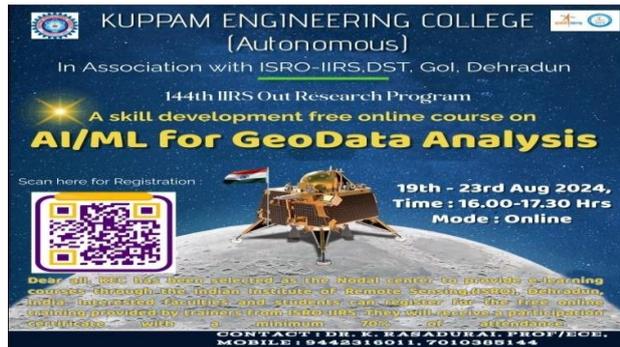
Academic years	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2023-24
Enrollment	2083	707	329	783	1028	1913	1788+
Passed	69	22	7	15	85	280	238+

SWAYAM -NPTEL is a programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all.

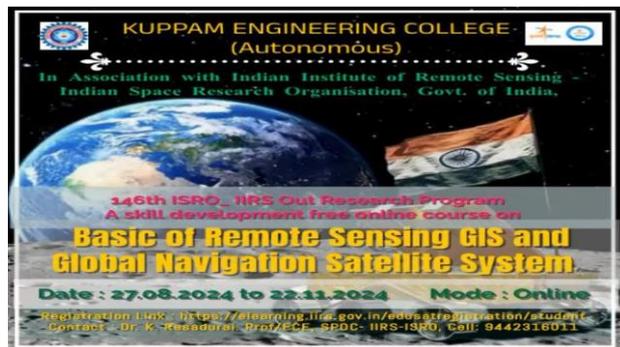


Congratulated SWAYAM-NPTEL online course certified students for ranking in the Top 1 % and 5 % topper and also appreciated for AICTE - FDP certificated faculties. Dr. K. Rasadurai, NPTEL-SPOC, Professor, Motivated to all student for enrolment and arranged online examination with NPTEL and also supported for fee reimbursement. He got Best SPOC award in Aspirant Category held at IIT Madras on 08.02.2025.

ISRO - IIRS



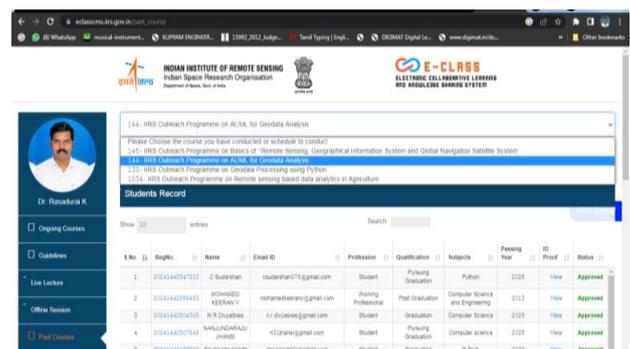
Kuppam Engineering College has been recognized as an IIRS Outreach Programme E-CLASS platform local chapter from Indian Institute of Remote Sensing (IIRS), Dehradun, Indian Space Research Organization (ISRO), and Department of Space. Through this initiative, ISRO offer online courses and certification in various topics.



IIRS Outreach Programme focuses on strengthening the Academia and User Segments in Space Technology & Its Applications using Online Learning Platforms. ISRO-IIRS conducted four online courses and total 20 candidates are benefited through this local chapter. The Following courses have been conducted through the local chapter:

1. Basic of Remote Sensing GIS and Global Navigation satellite system.

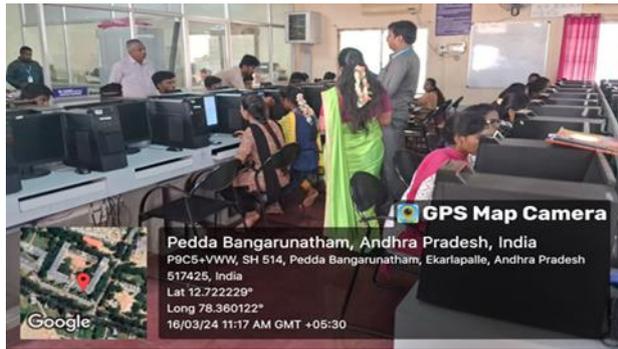
2. A skill development free online course on AI/ML for Geodata Analysis.



List of ongoing courses:

S. No.	Department	Free Open source software	Date	Participants
1	All	Remote Sensing using Python	17.02.2025	5
2	CSE	Remote Sensing using Agri GeoPython	30.03.2025	26

SPOKEN TUTORIAL - IIT Bombay



KEC is a Knowledge Partner to ST IIT Bombay, providing training for MOOCs and Open Source Software. Benefits of ST IIT Bombay, as highlighted below: -

1. Avail MOOC courses for skilling and compliance with HRD, UGC, and AICTE requirements.
2. SWAYAM enlisting Spoken Tutorial courses.
3. Access to 75+ Basic & Specialized Courses.
4. Free Open Source Software (FOSS).



Open Source software, Test had been conducted by IITB Mumbai. Total 9 free online open source software courses have been conducted, 356 students have participated in ST - IITM Online test for Arduino and Python. From this 293 Student got Certificates from IIT Bombay with 3 to 4 Credits. Arduino test & Python 3.4.3 test organized by Dr. K. RASADURAI, Kuppam Engineering College, with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-

requisite for completing this training. Dr. P. Ajay Kumar, Asso. Prof. ECE, Ms. M. Sumalatha, Asst. Prof. Mrs. Lidya Asst Prof., CSE, Mr. G. Vivek Asst. Prof., ECE, from Kuppam Engineering College, have been acted as invigilators for this examinations.



List of Courses completed :

S. No.	Department	Free Open source	Date	Participants
1	ME	Arduino	21.12.2024	7
2	ECE	Python 3.4.3	21.12.2024	43
3	ECE	Arduino	26.11.2024	42
4	ECE	Arduino	26.11.2024	20
5	ECE	Arduino	25.11.2024	26
6	CSE	Arduino	09.05.2024	63
7	ECE	Python 3.4.3	16.03.2024	70
8	ECE	Arduino	14.12.2023	85



INDUSTRY SUPPORTED LABS

SIEMENS Computer Based Training
 SIEMENS Manufacturing and CNC
 SIEMENS Manufacturing and Welding
 SIEMENS Auto Four Wheeler
 SIEMENS Auto Two Wheeler
 SIEMENS Office Electronics
 SIEMENS Home Electronics



COURSES OFFERED :

DIPLOMA COURSES :

Diploma - Electrical and Electronics Engineering
 Diploma - Mechanical Engineering
 Diploma - Electronics and Communications Engineering
 Diploma - Computer Engineering
 Diploma - Civil Engineering

ENGINEERING UG :

B.Tech - Civil Engineering
 B.Tech - Electrical and Electronics Engineering
 B.Tech - Mechanical Engineering
 B.Tech - Electronics and Communications Engineering
 B.Tech - Computer Science and Engineering
 B.Tech - Artificial Intelligence and Machine Learning
 B.Tech - Data Science
 B.Tech - Artificial Intelligence

ENGINEERING PG :

M.Tech - Power Electronics
 M.Tech - Machine Design
 M.Tech - Embedded Systems
 M.Tech - VLSI
 M.Tech - Computer Science and Engineering

BUSINESS SCHOOL :

M.B.A., (Master of Business Administration)

ENGINEERING Ph.D. :

Ph.D., (EEE), Ph.D., (ECE)

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