

ECE PULSE 2022-23

NIKOLA TESLA
(1856-1943)



Nikola Tesla was born on 19 July 1856 Smijan, Austrian Empire. He worked in the field of Mechanical & Electrical Engineering and Invented Induction motor. He got notable awards like Edison Medal (1916), Elliott Cresson Medal (1893), John Scott Medal (1934)



KUPPAM ENGINEERING COLLEGE

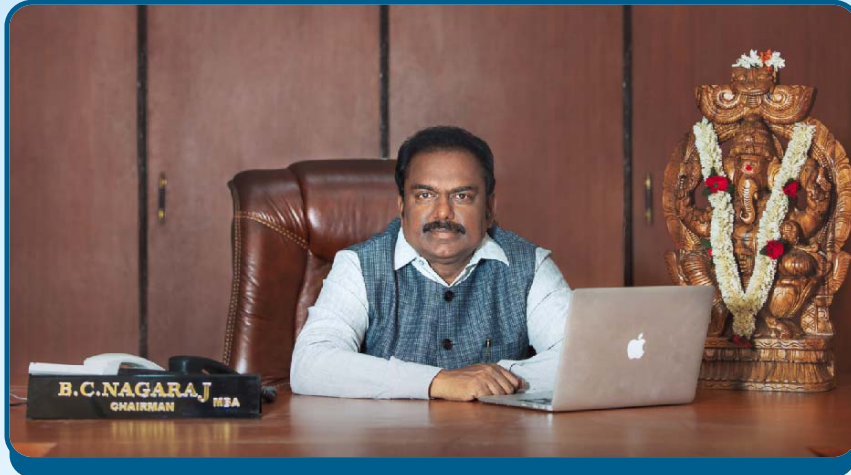


BCN Agro Foods & Beverages
BCN Resorts Pvt. Ltd.,
BCN Cinemas
BCN Group of Institutions:

- ✿ Kuppam Engineering College
- ✿ Kuppam College of Nursing
- ✿ Kuppam Public School
- ✿ Kuppam Junior College
- ✿ Kuppam Degree College
- ✿ Kuppam Polytechnic
- ✿ Kuppam College of Education
- ✿ Kuppam Teacher Training Institute

B.C. Nagaraj, MBA.,
Chairman

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; Dassualt 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 CEO's Desk



Sri. N.SAGAR RAJ, B.Tech., M.B.A.,
Chief Executive Officer

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

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 courses 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

Events @ KEC

Annual Day 2022

College annual day was celebrated on 27-12-2022. Telugu cine hero Mr. Varun Sandesh was the chief guest for the event. Students from various departments performed cultural events on stage.



Graduation Day 2022

Graduation day was held grandly at Kuppam Engineering College on 4th January 2022. Graduates of 2020 and 2021 were received their degrees. The chief guest for the program is Prof. Ranga Janardhan garu, Vice Chancellor of JNT University, Ananthapur, addressed the graduates and awarded degree certificates to 340 graduates. Sri. B.C. Nagaraj Garu, Dr. N. Suni Raj Garu, Dr. S. Sudhakar Babu, Principal, Dr. S. Baskaran, Vice Principal & Dr. G. N. Kodhandaramaiah, R&D Director, HOD's, section officers, staff and parents were the part of the programme.



Birthday Celebration

On the occasion of our Vice - Chairman Dr. N. Sunil Raj's birthday on 17-June-2022, staff of BCN Group Institutions celebrated in our college campus. On this auspicious occasion, meritorious students from Government Schools were awarded cash prize and mementos.



Sports Fest 2022

On the occasion of sports fest in the college different sports & games are conducted like cricket, shuttle badminton, tennis, basket ball, running race, table tennis, kho kho, volley ball , chess etc. conducted for both girls and boys.

On the last day of sports, Prizes are distributed by Chairman Sri BC Nagaraj Garu and Vice-Chairman Dr. N Sunil Raj Garu and CEO N. Sagar Raj Garu along with chief guest Kuppam Circle Inspector of Police Sri Sridhar Garu and Sub Inspector of Police Sri. Siva Kumar Garu, Principal., Vice Principal Physical

Director and All HODs of the departments at Sports Ground in the campus.



Independence Day 2022

75th Independence Day celebrated at Kuppam Engineering College, Kuppam. The national flag hoisted by our honorable Chairman Sri B. C. Nagaraj Garu along with Vice Chairman, Dr N. Sunil Raj Garu. Principal, Heads of departments, / Sections, Staff members and students were participated in the event. In view of Azadika Amrit Mahotshav various events were conducted such as Riffle Drill, Marchpast and Pyramid show followed by cultural events.



University Team selection

On behalf of JNTUA University our college hosted the university football team selections in our campus on 19-10-2022. Sri. B. Joji Reddy garu, secretary sports council, JNTUA, Anantapur and his team were selected the players. In the selection 200 students were participated from various colleges under JNTUA. 3 students got selected to the University Football Team from our college. The committee selected 22 players for the University Football Team.



Anti Ragging Awareness

Our college conducted Anti Ragging Awareness to the senior students on 17-12-2022. Circle Inspector, Sri. T. Sridhar garu addressed the students about ragging issues and punishment acts. Sub inspector, Sri. Sivakumar Garu, addressed about the cybercrimes and its consequences.



Founders Day Celebrations

In connection with Founder's Day celebration, all the institutions of BCN Group, were celebrated the birth anniversary of our Founder Chairman Sri. B. C. Nagaraj garu on 27-12-2022, in a grand manner. On this occasion our chairman Sri. B. C. Nagaraj garu, announced "BCN Group Insurance Scheme" worth of Rs.20.5 crores for benefit of 410 staff members. The NSS unit conducted Blood Donation Camp, provided food for around 100 physically challenged students in "Victory Boarding School, Kuppam.



Our Chairman Sri. B. C. Nagaraj Garu donated "RO water purifier system with the worth of Rs.20,000 & UPS Inverter to A P Model School, Gudupalli. Also distributed blankets for the students in BC & SC welfare hostel at Muniswampuram, Kuppam on his Birth Anniversary on 27-12-2022.



E- Waste Collection

E-waste collection drive was inaugurated with the support of Lions Club of Kuppam Warriors by Sri Dr. N. Sunil Raj garu, Vice Chairman, Kuppam Engineering College, Dr. S. Sudhakar Babu garu, Principal & Sri. A. Mahesh garu, President, Lions Club & other dignitaries. All the E-waste generated in the college is handed over to Lions Club of Kuppam Warriors for safe recycling.



Graduation Day - 2023

"Graduation Day- 2023" held on 25-02-2023. The chief guest Prof. C. Shashidhar garu Registrar JNTUA addressed the graduates. More than 200 students from M. Tech, MBA & B.Tech graduated in the 2022, received their degree certificates. Sri. B. C. Nagaraj Chairman, Dr. N. Sunil Raj Vice- Chairman, Sri. N. Sagar Raj CEO Principal conveyed their Best Wishes to the Graduates. Vice Principal, Heads of various departments, sections and staff members were participated in this event.



74th Republic Day Celebrations

74th Republic Day was celebrated at Kuppam Engineering College, Kuppam. The National Flag hoisted by our honorable Vice Chairman Dr N. Sunil Raj garu. Principal, Heads of departments, / Sections, Staff members and students were participated in this event.



Accredited Status

Department of ECE 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.

Inauguration of Lab



Grand Inauguration of “Advanced Microwave & Cognitive Radio Laboratory for Multi Carrier Wireless Communication” was celebrated on 04-Jan-2022. The Chief Guest of Graduation Ceremony Prof. G. Ranga Janardhana, Vice Chancellor, JNTUA Anandapuram and the eminent personalities of our College Chairman Sri B.C.Nagaraj M.B.A, Vice Chairman Dr. N. Sunil Raj, CEO Sir N. Sagar Raj, Principal Dr. S. Sudharkar babu, Vice Principal Dr. S. Baskaran, and Heads of Departments of ME, CE, EEE, CSE, HAS, MBA visited AICTE-AQIS- MODROB funded laboratory for Inauguration and congratulated to Dr. G.N. Kodanda Ramaiah, Director R & D/HoD-ECE, Dr. K. Rasadurai, Project Coordinator and team.

Webinar

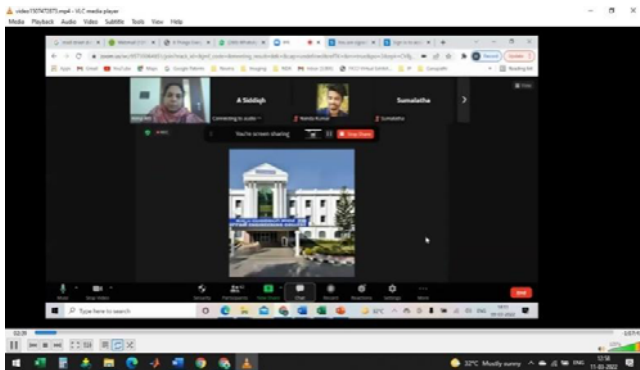
A webinar on Entrepreneur – Charms of being an Entrepreneur” is held on 04.03.2022 and Organized by the KEC- Institute Innovation Cell, NewGen IEDC and Dept., of ECE for the students to provide basic insights on entrepreneurship, who is an entrepreneur and perks of being an entrepreneur. This program is conducted in hybrid mode, 80 students attended in offline mode and 62 students attended in online mode. Resource Person Dr C. Chandra Mouli, Technical Executive, AIC- SKU, Ananthapur has explained the difference between an entrepreneur and Startups, the difference between Employment and Entrepreneur. At the end of the session a few startups which are guided by the AIC- SKU and their successful journey was shown as an inspiring aspect for the students.



Webinar

A webinar on “Intellectual Property Rights (IPR) and IP management for startup was held on 09 March 2022. The Resource Person Ms. Hima Bindu A, Managing Director, Novel Patent Services, She has explained about the types of intellectual properties like Patents, Copy rights, Design

patents, Geographical Indication, Trademarks and also emphasized on the importance of innovation identification and registration of patents. This program is conducted in online mode, 126 students and 18 faculties have attended the session.



Awareness on Drone for Agriculture

One day Awareness Program on “Drone for Agriculture on 01 June 2022. The Resource Person Dr.K.Chandra Sekhar Sr.Engineer, Honeywell, Bangalore. Aadhya Softtech Sollutions. He has delivered about “Multipurpose Agriculture Drone” Idea has been selected for Start-up in association with Dept. ECE, Kuppam Engineering Collage, Kuppam-517425, AP. Farmers can buy one Drone for all applications spraying, seeding, and crop monitor just add-ons.



Symposium

Technothon -2k22 A National Level Technical Symposium on 15 June 2022 .Organized by Dept. of ECE, KEC. During this Symposium the following events were conducted: Project expo., Paper Presentation, Design Thinking, Electro Puzzle, Technical Quiz, Coding.

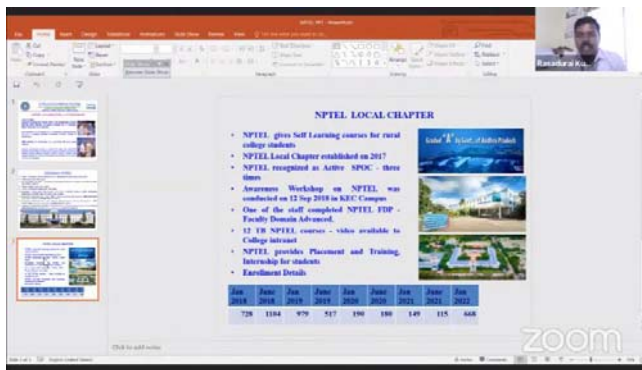


Workshop

A workshop on “Women Entrepreneurship” is organized by the KEC-Institute Innovation Cell, NewGen IEDC and Dept of ECE for the students to provide basic insights on women entrepreneurship. The resource person Dr Suhail Pallakod, Seed Foundation Wandoor, has explained the significance of women entrepreneurship, state and central government’s role in promoting the women entrepreneurship. The speaker has emphasized on the issues and challenges faced by the women entrepreneurs.

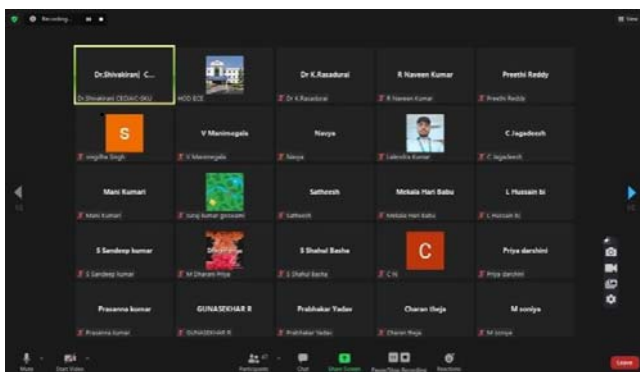


Awareness



Organized “One Day Workshop on NPTEL on 16th June 2022. The Resource Person: NPTEL Team members, IIT Madras, given the importance of NPTEL course and Swayam also registration of course to the students from ECE department around 120 students were participated from various institutions.

Webinar



A webinar on “Business Incubation Centre- Role and Importance” is organized by the KEC- Institute Innovation Cell and Dept., of ECE for the students to provide basic insights on role and importance of the incubation center. This program is conducted for the 3rd year ECE students to know about what is an incubation center. How incubation Centre helps the startups to convert their idea into a product. The

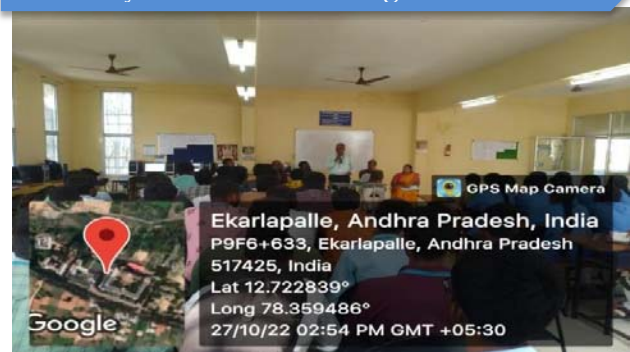
speaker also emphasized on the pre and post incubation process.

Webinar

Webinar on "Career Opportunities for Engineering Graduates" conducted on September 15, 2022. Mr. S. Manimohan Trinath, ACE, Engineering Academy, was the resource person. There were 226 students participated.



Five Days Certification Program



Five days Certification Program on “Xilinx FPGA/ZYNQ SoC using Xilinx Vivado” conducted from 26th September to 30th September 2022. The Resource Person of this program Mr. K. Ramesh Naidu, Apply Volt, Hyderabad | Vijayawada. Mr Pradeep John Apply Volt, Hyderabad | Vijayawada. On this hands-on training workshop, the students are gained knowledge about designing tools for Low advanced VLSI techniques.

Seminar

Organized a seminar on “AI & ML Data Science Role In Insurance Industry” on 03-11-2022. The Speaker for the seminar, Mr. Gundala Nagaraju, IT Business & Technology Leader, Sahasraa IT & Healthcare Service, Hyderabad. Around 296 participants from the Final year ECE participated and benefited out of this interactive seminar.



Workshop

One day Hands-on workshop On Machine Learning (ML) & Artificial Intelligence (AI) in Internet of Things (IoT) held on 08th November 2022. The Resource Person Dr. Mahammad D V AcenAAr Technologies, Kurnool. He delivered lecturer about Role of IoT in ML & AI Domain.



Anveshana 2022-23 Chittoor Region

Agastya International Foundation, Synopsys and Kuppam Engineering College are jointly organized on 2nd year of Anveshana in Chittoor Region during 30th-31st January 2023.



The objective of Anveshana is about mentoring young and vulnerable learners through innovative models of engineering, and broadening the horizons of the children. The projects have gone through different levels of screening, involving eliminations based on the synopsis sent, Execution and learnings. 32 projects have been selected for final competition out of 84 projects registered. It was a tough job for the Jury to select the 32 Projects. First day of Inauguration function the following eminent persons are address to students, Mr. Sai Chandrasekhar, Operations head, Agastya, Prof P.Yashoda, Dept of Education Dravidian University, Dr N Sunil Raj, MBBS, Vice chairman, BCN Group of Institutions, Dr S. Sudhakar Babu Garu, Principal, Kuppam Engineering College, Dr. H G Nagendra, HOD Biotechnology, MVIT, Bangalore, Dr.P. Sudheer, Prof, Dept of ECE, SITAMS, Chittoor. For 2nd Day Closing ceremony, we have these wonderful dignitaries with us: Mr. D. Rama Sharma, Director, National Science Centre,

Delhi, Ms. Shahla Sultana, Human Resources Team, Synopsys, Mr. Ashish Bharadwaj, Sr. Manager, human resources synopsis. Mr. Ajith Basu, Agastya. From this our college students team got 2nd and 3rd Prize. Further Prize winners got opportunities for national level Anveshana at Hyderabad.



Faculty Publications

1. Dr. G.N. Kodanda Ramaiah Published a Backward movement oriented shark smell optimization-based audio Steganography using encryption 2022.
2. Dr. K. Rasadurai Published a paper Design and Implementation of Image Enhancement using XSG 2022.
3. Dr.G.N. Kodanda Ramaiah Published a paper Advance Anti-PVT-Variation Low-Power Time-to-Digital Converter Design using 90 nm CMOS Process 2022
4. Dr. K Rasadurai Ramaiah Published a paper IOT Based Smart City Monitoring system for water, Fire & Gas Leakage 2022
5. Mr. P.Ajay Kumar Reddy Published a paper Advanced Approximate Multiplier Design using Novel Twin-Phase 4:2 Compressors 2022

6. Mr. T. Sivakumar Published a paper Advance Anti-PVT-Variation Low- Power Time-to-Digital Converter Design using 90 nm CMOS Process 2022

7. Mr. G. Mukesh Published a paper Advanced Approximate Multiplier Design using Novel Twin-Phase 4:2 Compressors 2022.

8. Mr. T. H. Jayasimha Published a paper Use of MGD I Technique to Implement Low Power and Region Efficient 4-Bit ALU 2022

9. Mr. T. H. Jayasimha Published a paper Advanced Approximate Multiplier Design using Novel Twin-Phase 4:2 Compressors 2022.

Research Development Cell

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.

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

Research Grants Received

1. Title of the Project NewGen Innovation Entrepreneurship Development Centre, Principle Investigator Dr. G.N. Kodanda Ramaiah Mr. Santhosh B Panjagal Sponsored by DST- NSTEDB, New Delhi, Funding Amount Rs. 2.87 Crores Status % years Project 2022-2023 ongoing.

2. Title of the Project GreenDoctor a reliable Food Toxigenic detector Principle Investigator Dr. G.N. Kodanda Ramaiah Dr. S. Nanda Kishor Mr. Jaysimah, J.Bhavya sri Sponsored by MSME Incubator Funding Amount Rs. 15 Lakhs Status 2022-2023 Ongoing.

Student Startups

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.

Pre Incubation Centre – NewGen IEDC



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 an pre incubation unit for supporting the students in establishing the start-ups.

Maker Space



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.

Internet of Things (IoT) Lab

This lab has been setup to fulfill the following objectives: To skill the undergraduate and postgraduate students in the IoT and Embedded system design utilizing state of the art hardware boards and software's as per industry standards. To enhance research activities in different application areas of IoT like smart home, smart village, smart healthcare, smart grid, smart agriculture, industry 4.0 and wearable IoT devices, IIOT, etc.



MSME-BI Room

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 Incubatee 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 TinkerCAD LAB

Tinkercad is a browser-based 3D design and modelling program created to provide a way for a variety of users (beginners to experts)



to create projects. Conventional CAD software options are not only expensive, but they're also often quite complicated to learn. These programs often have many features that you won't even use for something as simple as a custom case. While they are great for professional users, makers will more likely be happy with Tinkercad, which I regularly use. It's not only free but also very easy to learn and to use.

Advanced Microwave and Cognitive Radio Laboratory

To upgrade the knowledge in advance microwave components and to measure the signal performance in spectrum and network analyser.

To analyse the performance of cognitive radio software defined device for research scholar through advanced software and hardware antenna.



Guidance on Shaping your Career & need of International Exposure



Organized One Day Awareness Session on **"Guidance on Shaping your Career & need of Internal Exposure"** on 28-12-2022. The Session was handled by **Mr.K.Ahamed Shareef, TU Dresden, Germany. Educational Mentor**. The resource person was explained the various abroad educational opportunities and created awareness about the international studies to the students of III year B.Tech CSE & ECE students.

Mega Job Fair 2022



A Mega Job Fair was conducted by the Career Development Cell on 13-08-2022. Total 25 various IT & Core companies gave various job opportunities through this job fair. Around 1685 students have registered and a Grand total of **513 students got placed** & received their offer letters from various companies.

Placement Day



Placement Day Celebration was organized by Career Development cell to the 2022 passing out students on 12th July 2022. we have achieved **320 offers** from various 27 Top companies. All the placed students and their parents were participated. Our KEC Honorable Chairman, Vice Chairman, CEO has distributed the offer letters to all the successfully placed students.

Industry Supported Laboratories

The objective of APPSDC SIEMENS tSDI in our institute is to train current students and unemployed youth in various skilled courses for providing the better practical oriented skill set in order to provide fit in industry. Till now three thousand plus students are trained in siemens labs. Our tSDI contains totally seven labs, all labs are listed in detail.

Computer Based Training Lab

One Month Training Program on Design / CBT- Solid edge from January 15 2022 to March 15 2023, 141 students from Kuppam Engineering College and other colleges are attended.



Auto 2- Wheeler Lab

One Week Training Program on Auto 2-Wheeler from January 15 2022 to March 15 2023, 188 students from Kuppam Engineering College and other colleges participated in master and expert levels in different levels.



Auto 4- Wheeler Lab

Auto 4-Wheeler Training Program for One Month From January 15 2022 to March 15 2023, 159 students from Kuppam Engineering College and other colleges participated in various levels.



Welding Lab

50 students participated in a one-week welding training programme for students at Kuppam Engineering College and other colleges from January 15 2022 to March 15 2023.



Electronics- Home Lab

Three-week Electronics Home Training Program completed There were 159 participants from Kuppam Engineering College and other colleges from January 15 2022 to March 15 2023.



Electronics- Office Lab

Two-week Electronics Office Training Program completed There were 417 participants from Kuppam Engineering College and other colleges from January 15 2022 to March 15 2023.



CNC Lab

Two-week CNC Training Program completed There were 35 participants from Kuppam Engineering College and other colleges from January 15 2022 to March 15 2023.



List of students Trained under KEC-tSDI in difffernt Labs during Academic Year 2022-23(Intenal/External students).

Name of the lab	Internal Students	Outside studens	Total
CBT	35	106	141
2 Wheeler	70	118	188
4 Wheeler	20	30	50
Eelectronic Home	37	122	159
Electronics office	122	295	417
Welding	32	118	150
CNC	-	35	35

National Service Scheme

Covid Vaccination Drive for 15 to 18 years aged students

Conducted "Covid Vaccination Drive for 15 to 18 years aged students" on 03-01-2022. Nearly 200 students vaccinated.



Covid Vaccination Drive

Conducted "Covid Vaccination Drive "on 01-02-2022. More than 100 students and faculty members were vaccinated.



International Yoga Day

Conducted an "Awareness programme on Cancer" on 4-02-2022. Dr.N.Sunil Raj addressed the students.



Special Camp 13-03-2022 to 19-03-2022

Adopted "Pedda Bangarunatham" village of Kuppam Mandal and conducted Special Camp in the Village from 13-03-2022 to 19-03-2022. During the camp the following events were conducted.

- Socio Economic Survey
- Cleaning and sanitary
- Education Awareness
- Tree Plantation
- Health Camp
- Welfare and Nutrition
- Disposal of garbage



International Yoga Day

Organized an “Awareness Programme on Benefits of Yoga” conducted on 21-06-2022. Sri. Gopi, Yoga Guru created awareness and performed yoga. Students and Faculty members were benefited.



Van Mahotsav

Organized “Van Mahotsav” sapling plantation programme from 25-07-2022 to 31-07-2022 in College Premises. Planted more than 100 saplings and 1000 Seed Balls were prepared and distributed among staff and students.



Cleaning of Statues

In view of 75th Independence Day Celebration our NSS volunteers cleaned the statues of Mahatma Gandhi, Subhas Chandra Bose, Dr. B.R. Ambedkar and Potti Sreeramulu at Kuppam on 10-08-2022.



International Literacy Day

Conducted an “Awareness on Literacy Skills” at Govt. MPP School, Thambigani Palle, Kottalu on 08-09-2022.



Awareness Programme on “First Aid”

For the people and school students in Paipalyam Village our NSS unit organized an Awareness programme on “First Aid” like Snake Bite, Drowning, Heart Attack (CPR) and Bleeding Cut through demo on 14-09-2022.



Ozone Protection Day

Awareness programme Conducted on “Ozone Depletion” for the ZP High School students in Kuppam Town on 16-09-2022.



NSS Foundation Day

In view of NSS Foundation Day, our NSS unit conducted "Tree Plantation & Seed Ball Distribution" on 24-09-2022.



World Hand Washing Day

Conducted an awareness programme about "Clean Hands can stop Germs" for the MPP School students on 15-10-2022 at Thambiganipalli.



Clean India Programme

In connection with Clean India programme the NSS volunteers cleaned the surroundings of Gudivanka temple on 21-10-2022 at Gudupalli.



Constitution Day Celebrations

Organized Seminar on "India Mother of Democracy" on 26-11-2022 in our college premises. Resource Person Dr.K.Rasadhurai, Professor addressed the students.



AIDS Awareness Rally

AIDS Awareness Rally conducted on 1-12-2022, from Kuppam Engineering College to Pedda Bangarunatham village and created awareness among the people.



Sanitization Programme

Organized Sanitization Programme on 8-12-2022 at Pedda Bangarunatham village. Our NSS volunteers cleaned all the streets, drainages and sprinkling the bleaching powder.



Blood Donation Camp

NSS Unit organized Blood Donation Camp in our campus on 27-12-2022. Twenty Nine units of blood were donated by the students.



Awareness on Voting Rights

NSS volunteers conducted awareness about the importance of voting to the people in the Pedda Bangarunatham village on 25-01-2023.



Free Eye Camp

Conducted "Free Eye Camp" collaborated with Lions Club Warriors Kuppam on 11-02-2023. More than 100 members were benefited through this camp.



Collection of E-Waste

Collaborated with Kuppam Lions Club Warriors our NSS unit organized awareness on E-waste to the students. Management and students have been given E-Waste to Kuppam Lions Club Warriors on 15-02-2023.



Awareness on Voting Rights

Served food to the devotees during the Maha Shivaratri festival on 18-2-2023, held at Mallappa Konda, Gudupalli.



Woman Empowerment Cell

Awareness Programme on Women equality

The WEC has conducted one day programme on “Awareness Programme on Women equality” on 04-01-2022 for the students of our college. Dr. D. Sumathi, WEC Chairman, the resource person of this program gave awareness about women Equality and explained the impact of the digital gender gap on widening economic and social inequalities. Around 138 students were participated this programme.



Awareness Programme on Learning and Education

The WEC has conducted one day programme on “Awareness Programme on Learning and Education” on 28-01-2022 for the students of our college. Dr. D. Jayakumar, Placement Coordinator, the resource person of this program gave awareness about Education is essential for the sustainable and equitable in this society, and also explains the importance of self learning and opportunities. Around 116 students were participated this programme.



International Women's Day

The WEC has conducted one day programme on “International Women's Day” on 08-03-2022 for the girl students and female faculty members of our college. Smt. M. Sailaja, Deputy Executive Engineer, Roads & Buildings Department, Kuppam, the resource person of this program explained about the important of women education, cracking government examinations and opportunities. Around 310 girl students and female faculty members were participated this programme.



Awareness Programme on Quality Improvement

The WEC has conducted one day programme on “Awareness Programme on Quality Improvement” on 18-03-2022, for the girl students and female faculty members of our college. Dr. K. Logesh, HoD/CSE, the resource person of this program explained about how the quality management system enhances the quality performance and to enhance students outcomes in a systematic manner. Around 116 students were participated this programme.



Women Health and Self Hygiene

The WEC has conducted one day programme on “Women Health and Self Hygiene” 04-06-2022 for the students of our college. Dr. D. Sumathi, WEC Chairman, the resource person of this program gave awareness about to protect women health, the causes of and precautions of iron deficiency anemia and importance of self hygiene and habits. Around 100 girls students were participated this programme



International Girl Child Day

The WEC has conducted one day programme on “International Girl Child Day” on 11-10-2022 for the girl students of our college. Smt. V. Pallavi, Principal Junior Civil Judge, Kuppam, the resource person of this program gave awareness about to protect ourselves in this society and women rights. Smt. Arunashree, ICDS explains the importance of healthy food,

and develop self-courage. Around 310 girl students and female faculty members were participated this programme.



Women in Innovative Research and Development

The WEC has conducted one day programme on “Women in Innovative Research and Development” on 05-12-2022. Dr. K. Madhavi, HoD/CSE, the resource person of this program explains the current trends and opportunities for girls in the field of computer science to do research projects. Around 120 girl students were participated this programme.



Pink Awareness Programme

Women Empowerment Cell has organized an Awareness Programme on “Pink Awareness” on 03.03.2023. Dr.S.J.Vimala, Principal, Kuppam College of Nursing, Kuppam, addressed the students about breast cancer awareness. And she explained about way to find the breast cancer and food

pyramid. All the girls students and Faculty Members have attended the programme.



Sandhini, AP/CSE acted as Juri for this event and selected the winners based on the content, Presentation and topic coverage



Pencil Drawing

Women Empowerment Cell organized "Pencil Drawing" Competition on 06-03-2023 at LH-200. Around 7 students were registered for this event. Ms.K.Renuka AP/EEE, and Ms.Kanchana, AP/EEE acted as Juri for this event and selected the winners based on the Time period, appearance and Theme.



Mehandi

Women Empowerment Cell organized "Mehandi" Competition on 07-03-2023 at LH-200. Around 8 students were registered for this event. Mrs.R.Girija, AP/CSE, and K. Shandhini, AP/CSE acted as Juri for this event and selected the winners based on the Theme, design and Outlook with Explanation.



Essay Writing

Women Empowerment Cell organized "Essay Writing" Competition on 06-03-2023 at LH-200. The title for competition is 1.Right to Education.2.Importance of women in the Society.Around 31 students were registered for this event. Mrs. S. Saranya Devi, AP/CSE, and K.

Debate

Women Empowerment Cell organized "Debate" Competition on 06-03-2023 at LH-200. Around 10 students were registered for this event. Ms.Lidiya AP/CSE, and Mr.P.Suneetha, AP/CSE acted as Juri for this event and selected the winners based on the Time Style of talk, Content.



Fancy Dress

Women Empowerment Cell organized "Fancy Dress" Competition on 08-03-2023 at Sir.C.V.Raman Auditorium. Around 21 students were registered for this event. Mrs. Agila, AP/HAS, and Ms. S. Gunapriya, AP/HAS acted as Juri for this event and selected the winners based on the Dress, Walk and Performance.



International women's day

The WEC has conducted one day programme on "International Women's Day" on 08-03-2023 for the girl students and female faculty members of our college. Dr. M.A. Uma, MBBS, MD, Professor and HOD of General Medicine, PES Institute of Medical Science and Research, Kuppam. The resource person of this program explained about the importance of Nutritional Challenges. All girl students and female faculty members participated in this programme.



DISHA SOS App – Awareness Programme

Women Empowerment Cell conducted an Awareness Programme for DISHA SOS App to our students from all departments. The chairman of WEC Dr. D. Sumathi, and the members of Women Empowerment Cell are jointly organized this programme.



The Resource person Mr. J. Lokesh Kumar, Panchayat Secretary, Kuppam, and Ms. S. Lakshmi, Mahila Police, Kuppam are addressing the gatherings regarding Disha mobile app, to help women in distress, and demonstrated how women can send SOS the app which will alert the nearest police patrolling vehicle.

Ms. T. Lavanya, Mahila Police, P B Natham and Ms. A. Pallavi, Mahila Police, Mankaladoddi are giving demonstration about DISHA SOS APP, and guided our students to download and install the app to their smart phones.

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

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

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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