

**SPECIAL
POINTS OF
INTEREST:**

- Faculty members publications in reputed journals
- Placement record
- Students activities

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Editor-in-Chief:
Dr. K. Ramesh, M.E., M.B.A., Ph.D.,
Professor & Head/ E.E.E.

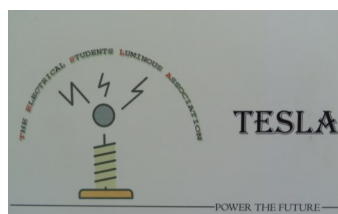
TESLA



About the Department

The Department of Electrical and Electronics Engineering is one of the first few disciplines that were started during the year 2002 with a clear vision of developing students as successful professionals with high moral, ethical and social values in the field of electrical and electronics engineering following global standards. The Department running one U.G. program (B. Tech. – Electrical and Electronics Engineering) and one P.G. program (M. Tech. – Power Electronics). The programs are approved by AICTE and affiliated to JNTUA, Ananthapuramu. The Department is recognized as a research center by JNTUA, Ananthapuramu. Department also running one Diploma program (Diploma in Electrical and Electronics Engineering) in second shift.

The Department has dedicated and devoted faculty members and the faculty members are contributing



TESLA - Association of Department of E.E.E.

both in teaching and research.

The Department has well established laboratories to conduct the experiments for the students in UG and PG level and provided with a research laboratory to carry out the research work by the full time re-

search scholars. The students are motivated to actively participate in Co-curricular and Extra-curricular activities. The students are allowed to participate actively in Department Association activities and other activities in Institute level to develop their leadership skills and team work. The faculty members and students are motivated to attend the events conducting by the reputed institutions for their empowerment and make them aware of current cutting edge technologies in the field of electrical and electronics engineering. The students are given hands on training after the regular academic working hours in doing real time hardware projects by considering the real time problems associated with the society .

Vision and Mission of the Department

Vision

To develop students as successful professionals with high moral, ethical and social values in the field of electrical and electronics engineering following global standards.

Mission

- ◆ Empowering the students with conventional and cutting edge technologies in the field of electrical and electronics engineering to meet the global challenges.
- ◆ Nurture the research culture and take a lead to develop innovative applications for the betterment of humankind.
- ◆ Impart ethical and moral values among the students in their professional practices.



**Mr. B.C. NAGARAJ, M.B.A.,
Founder & Chairman**

*"YOUR SUCCESS
IS OUR DREAM"*

Chairman's Message

We at Kuppam Engineering College have a vision to impart quality technical education, bring out the hidden skills and abilities of the students with proper discipline. We will provide meaningful education, research and training at all levels to match global standards. Our policy is to mould the students by building confidence in them by imbuing qualities like discipline, dedication and determination.

It is obligatory on our part not only to reach academic

standards as on today but also continuously upgrade them. Finally, it will give us immense pleasure when students graduated from our college are well placed in their careers as opportunities will come knocking at their doors.

The newsletter which is being rolled out today marks the launch of an effervescent activity that would enable the Management to bring out to the eyes of the competi-

tive world, the academic achievements of our prestigious institution. Kuppam Engineering College has grown in leaps and bounds, hurtling across barriers along the way. This has been made possible with the collaborative effort of the Management, the Staff and the Students of EEE Department. I congratulate everyone for their commitment.



**Dr. N. SUNIL RAJ, M.B.B.S.,
Vice Chairman**

Vice- Chairman's Message

We at Kuppam Engineering College always strive to achieve excellence in science and technology by imparting quality education with moral values. Along with regular academics we are equally providing training activities, research programs and industry institute interaction. We purely emphasize on entrepreneurship and leadership. Our aim is to produce

young and dynamic leaders who can make their parents and the nation proud.

I am delighted to know that EEE newsletter carrying the Department news and the achievements of our staff and students, who earn credits for the institutions, is being released. On this gracious occasion I wish all the best to those who are responsible for bringing out this letter. On reading this text, it would

definitely be an inspiration and motivation for the other students and staff to perform better and add on their contributions in the forthcoming issues. Congratulations to all the contributors.

Principal's Message

Dear Students,

It gives me immense pleasure to welcome you all to KEC, an eco-friendly campus that strives with a goal to attain excellence by empowering students with sound knowledge wisdom and experience. Our strength lies in creating pleasant ambience with an excellent infrastructure, qualified and experienced faculty commitment to personal care, moti-

vation to excel in academic, extracurricular activities and continuous interaction with industry

Over the past 17 years the college witnessed a string blend of state of the art infrastructure and dedicated human resource committed to provide professional education with trust on creativity and innovation. The motivating

environment in KEC for knowledge, assimilation, generation and dissimulation with a sense of social responsibility, human values and concern for environment has curved a niche for itself among the best technical institutes.

Be committed with strong determination to learn and reach new horizon, KEC will shape you for a successful and rewarding career.



Dr. S. Sudhakar Babu, Ph.D.,
Principal

"A desire can change nothing, a decision can change something, but a determination can change everything"

HOD's Message

Welcome to the Department of Electrical and Electronics Engineering at Kuppam Engineering College. Department has been started its journey from the year 2002 with B. Tech. program and now it is running with Diploma, B. Tech. — E.E.E., M. Tech. — Power Electronics and holding Recognized Research Centre from JNTUA. The faculty members are well educated and dedicated in their profession and their contribution in past is significant in the students' upliftment.

We strongly believe that educational enrichment is not always possible only through the curriculum. Hence, lot of hands on train-

ing have been arranged for students and faculty members for their technical empowerment with the management support. As a result, students have proved their technical skills in various National/International events and faculty members published their research articles in reputed Journals on the other end. We are looking for the healthy technical competition among our students across global level. Also, various Entrepreneurship events were conducted to motivate them to become an entrepreneur in the area of their interest.



Dr. K. Ramesh, M.E., M.B.A., Ph.D.,
Professor & Head

I CAN 

WE CAN 

*"Learning is a
never ending
process. We
(Teachers) are in
that process.
Teachers must be
the first and fast
learner than our
student."*

*- Dr. K. Ramesh,
Editor in Chief*

Faculty members Publications

Publications: Journals

1. Dr K.Ramesh "Automated Elephant Entry Prevention for Human and Crop Protection" ISSN: 2227-524X Scopus indexed
2. Dr K.Ramesh "Level Boosting DC-DC Converter for Solar Energy Conversion System for publication" ISSN: 2227-524X Scopus indexed
3. Dr K.Ramesh "An Enhanced Incremental Conductance Algorithm for Photovoltaic System" ISSN: 1450-5843 Scopus indexed
4. Dr K.Ramesh "Mitigation of Voltage sags using Grey Wolf optimization in the grids connected Energy Resources" ISSN:0974-6455 Web of Science
5. Dr K.Ramesh "Isolation of Solar panels and associated electrical components during heavy lightning using Vajrapaat App" ISSN: 0973-7383 UGC Approved Journal
6. Dr K.Ramesh "Smart drainage cleaning system" ISSN: 0973-7383 UGC Approved Journal
7. Dr K.Ramesh "Automatic Car Engine Fire Protection System" ISSN: 0973-7383 UGC Approved Journal
8. Mr.Y.Babu yadav "IOT Based Crop Monitoring and Feed Water Control" ISSN: 0973-7383 UGC Approved Journal
9. Mr.Y.Babu yadav "Performance Estimation of Artificial Intelligence based MPPT for Photovoltaic with various Z-Source Inverter Topologies" ISSN: 0973-7383 UGC Approved Journal
10. Mr.Y.Babu yadav "Performance Analysis of ANFIS based MPPT with Diod clamped Z-source inverter for Grid Connected Photovoltaic System" ISSN: 0973-7383 UGC Approved Journal
11. Mr.Y.Babu yadav "Remote Electricity metering and Billing Using NI Lab view software" ISSN-0973-7383 UGC Approved Journal

12. Mr.V.Sekhar “Arduino Based Railway Bio-Let Automation System” ISSN:2236-6124 UGC Approved Journal
13. Mr.V.Sekhar “Mitigation of Voltage sags using Grey Wolf Optimization in the grids connected Energy Resources” 2321-4007 Web Of Science, TR
14. Mr.V.Srimaheswaran “Level Boosting DC-DC Converter for Solar Energy Conversion System” ISSN: 2227-524X Scopus Indexed
15. Mr.V.Srimaheswaran “Smart drainage Cleaning system” ISSN: 0973-7383 UGC Aproved Journal
16. Mr.V.Srimaheswaran “Arduino Based Railway Bio-Let Automation System” ISSN:2236-6124 UGC Approved Journal
17. Mr. S Zabiullah “Fire accident fighting robot” ISSN: 0973-7383 UGC Approved Journal
18. Mr. P Kiran Kumar “IOT Based Crop Monitoring and Feed Water Control” ISSN: 0973-7383 UGC Approved Journal
19. Mr. P Kiran Kumar “Performance Estimation of Artificial Intelligence based MPPT for Photovoltaic with various Z-Source Inverter Topologies” ISSN: 0973-7383 UGC Aproved Journal
20. Mr. P Kiran Kumar “Performance Analysis of ANFIS based MPPT with Diod clamped Z-source inverter for Grid Connected Photovoltaic System” ISSN: 0973-7383 UGC Aproved Journal
21. Mr.P Mahammad Areef “Smart Enegy Meter Using Gsm” ISSN: 0973-7383 UGC Aproved Journal
22. Mr.K Hemadri “Dual Inverter Control Strategy for Open Ended Winding Motor Drive Applications” Print ISSN: 2395-6011 | Online ISSN: 2395-602X

Faculty members participation details

1. V.Sathyamurthy “Workshop on Trends in Hybrid Electric Vehicles –An Electrical Perspective Vellore Institute of Technology”, Vellore
2. V. Srimaheswaran -“Faculty Development Program on ‘Leadership and Professional Challenges” KEC KUPPAM
3. Dr.K.Ramesh-Faculty Development Program on ‘Leadership and Professional Challenges’ Organized by Kuppam Engineering College at Hotel Punnami, Kuppam.
4. Dr.K.Ramesh -Workshop on NPTEL -Kuppam Engineering
5. Dr.K.Ramesh -Workshop on Trends in Hybrid Electric Vehicles –An Electrical Perspective Vellore Institute of Technology, Vellore
6. Mr.S Zabiulla -Workshop on NPTEL -Kuppam Engineering
7. V. Srimaheswaran - Faculty Development Program on ‘Leadership and Professional Challenges” KEC KUPPAM
8. Mr.S Zabiulla -“Faculty Development Program on ‘Leadership and Professional Challenges” KEC KUPPAM

Teaching methodologies adopted

Teaching aids and innovation in teaching methodologies playing vital role in Teaching-Learning process and helps the students to learn the concepts in-depth. In the Department of E.E.E., to conduct the technical quiz, plickers software is used for instantaneous assessment with in the class rooms. It saves time and makes assessment process easy.



Student members of E.E.E. are registered for the Virtual Laboratory. It helps the students to understand the need and way in which doing the experiments as a pre-study before doing the experiments in regular laboratories.



Mr. V. Srimaheswaran, Assistant Professor/E.E.E. has attended IUCEE AP Chapter – IIEEC (IUCEE International Educator Certification program) workshop held on 3-5 August, 2017. Followed by this program, he has worked on the assignments given by the organizers towards the innovation in teaching and its effectiveness in regular class hours. This helps the students to understand the technical concepts easily even it is a time consuming process as compared to regular teaching process.

“A good teacher can inspire hope, ignite the imagination and instill a love of learning”
- Brad Henry

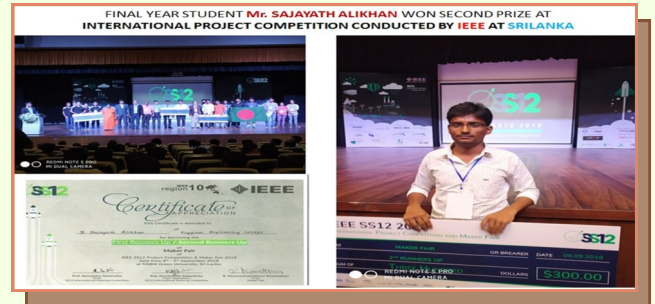


Students activities

WON SECOND PRIZE AT INTERNATIONAL PROJECT COMPETITION CONDUCTED BY IEEE AT SRILANKA

Final year student Mr. Sajayath Alikhan won the second prize for the project titled "Smart energy meter using IoT" in International Project Competition & Maker Fair 2018 conducted by IEEE at NSBM Green

University, Srilanka
on September 8-9,



STUDENTS GOT SECOND PRIZE OF RS. 55,000/- IN STARTUP INDIA BOOT CAMP

Students from final year and third year participated in smart india Hackathon - 2018 at Andhra university, visakhapattan. Their project named bull walker machine which can be used to clean the blocked drainages which can be operated by smart phone. Bull walker won second prize



"History has proven that those who dare to imagine the impossible are the ones who break all human limitations. By breaking the limits of their imagination, they changed the world."

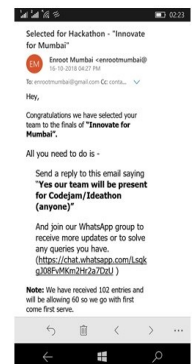
- Dr. A.P.J Abdul kalam

SELECTED FOR THE FINALS OF HACKATHON EVENT

1 Project from Department of E.E.E. has been selected for the finals of Hackathon event on the title of "Innovate for Mumbai"

HACKATHON - INNOVATE FOR MUMBAI

1 Project from Department of E.E.E. has been selected for the finals of Hackathon event on the title of "Innovate for Mumbai"



SEMIFINALIST IN SMART INDIA HACKATHON 2018-SMART LIGHTNING SYSTEM FOR

Ghana bheri was held at tirupati where sem-finalist of smart india hackathon exhibited their prototype of smart lightning sytem for four wheelers . The description of prototype is when the head lamps of vehicles are suddenly failed to work the alternative lamp in the design replaces the defective lamp automatically so that four wheelers are safely driven during night time. The entire system is controlled by aurdino board to replace new lamp in the place of defective lamp



Students explaining smart lighting system to Honorable Chief Minister Mr. Chandrababu Naidu

SMART INDIA HACKATHON 2018 FAINALIST SMART DRAINAGE CLEANING SYSTEM

Smart drainage cleaning system selected and presented in final round of smart India Hackathon 2018 event at NIT, Trichy. Kuppam engineering college is the only college shortlisted from Andhra Pradesh under waste manage-

ment scheme in national level. students got third prize for bull walker in the final round. NIT director Dr. Mnishani Thomas, NIT Dean Mr.Samson Mathus and Dalmia cements CEO Mr. RA Krishna presented the prize for students.



FINALIST IN INDUSTRIAL IOT COMPETITION CONDUCTED BY APITA

Two projects from EEE are selected and reached the final level of selection process in Industrial IOT competition conducted by APITA and National Instruments. Project components and training are given by national instruments to the selected students.



Finalists in industrial IOT competition

INDIA INNOVATION CHALLENGE DESIGN CONTEST 2018



In INDIA INNOVATION CHALLENGE Design Contest 2018 Organized by DST & TEXAS Instruments, three projects from EEE department have been shortlisted and are in next level of review process.



Climate change is destroying our path to sustainability. Ours is a world of looming challenges and increasingly limited resources. Sustainable development offer the best chance to adjust our course.

“SMART DRAINAGE CLEANING SYSTEM” SHORTLISTED FOR ACCENTURE INNOVATION



Project titled “Smart Drainage Cleaning Systems” has been shortlisted for Accenture innovation challenge and is in Progress for review

TWO PROJECTS FROM DEPARTMENT OF EEE SHORTLISTED FOR CARBON ZERO CHALLENGE

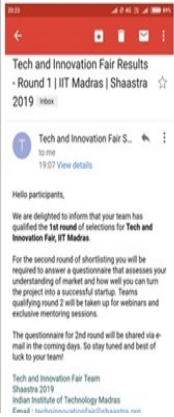
Two projects from EEE department “smart drainage system” and “Multi purpose harvesting machine” were shortlisted for carbon zero challenge conducted by iit madras



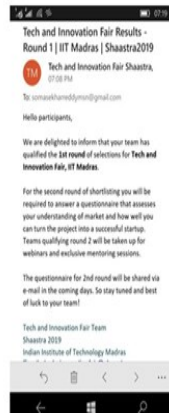
TWO PROJECTS SELECTED FOR TECH AND INNOVATION FAIR – SHAASTRA

TECH AND INNOVATION FAIR – SHAASTRA 2019

conducted by IIT Madras



2 Projects from Department of E.E.E. have been shortlisted for the next level of selection process



Two projects from department of EEE have been shortlisted for tech and innovation fair conducted by iit madras

TWO PROJECTS FROM DEPARMENT OF E.E.E. HAVE BEEN SHORTLISTED IN REVA UNIVERSITY, BANGALORE

Two projects from department of EEE have been shortlisted in REVA university, Bangalore. In the competition on IoT on smart life hackathon



“Leadership is not about a title or a designation. It's about impact, influence and inspiration. Impact involves getting results, influence is about spreading the passion you have for your work, and you have to inspire teammates and customers”
-Robin S. Sharma

Department events

A THREE-DAY WORKSHOP ON PLC TRAINING PROGRAM ON ELECTRICAL PLATFORM

(12-03-18 TO 14-03-18)

A Three-Day Workshop on PLC Training Program was conducted for students of Department of E.E.E. between March 12-14, 2018. Resource persons are from Andhra Pradesh State Skill Development Centre (APSSDC). Basic level of Hands on

training was given to participated students. Advanced level of PLC training is planned in next semester for the program attendees.



A Three –Day program on “ENTREPRENEURSHIP AWARENESS CAMP” Sponsored by NSTEDB, DST

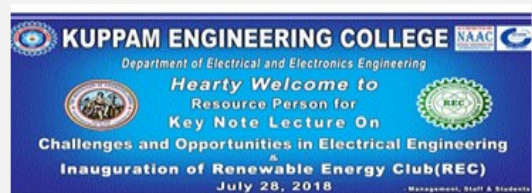
A Three-Day program on "Entrepreneurship Awareness Camp" Sponsored by NSTEDB, DST-NIMAT was conducted between March 15-17, 2018. Mr.K Parivallel, CEO, DMW company was invited as resource person for the first day of EAC.

During the inauguration, he explained about the importance of EAC program. Another resource person, Mr.Shailesh, Training Director, Human Potential India, Bangalore has started the session and he explained about the entrepreneurship with real

life experiences. As a part of EAC program, students are visited the Dayanidhi Solar Power Plant on the day three of the event.



KEY NOTE LECTURE ON CHALLENGES AND OPPORTUNITIES IN ELECTRICAL ENGINEERING & INAUGURATION OF RENEWABLE ENERGY CLUB (28-07-2018)



Keynote lecture is arranged for the all years of B. Tech. and Diploma Electrical and Electronics Engineering students to understand the Challenges and Opportunities in the Electrical industries. Moto of this program is to help the students in preparing themselves as per current industrial standards and needs. For this program, Mr. S. Selvakumar, Lead

Engineer from ABB Global Industries Ltd, Chennai is invited as a resource person. On the same day, Renewable Energy Club (REC) was inaugurated by the Honorable Vice-Chairman, Dr. N. Sunil Raj for Department of E.E.E.

ONE – DAY WORKSHOP ON DSPACE ACE MICRO LABBOX (21-08-2018)

At Kuppam Engineering College, the Department of E.E.E. has arranged the one day workshop on “dSPACE ACE Micro Lab box” for the all the years of B. Tech. – Electrical and

Electronics Engineering students and for Diploma – EEE Students. During the session, the resource person Mr. C. Sankar ex-

plained about the various technical aspects behind the usage of “dSPACE ACE Micro LabBox” by covering Rapid Control Prototyping, dSPACE Software and Hardware. He also explained the features and applications of Micro LabBox. The resource person also explained about the level of usage of dSPACE in industry side and job opportunities available in that domain.



A THREE DAY ENTREPRENEURSHIP AWARENESS CAMP(EAC) SPONSORED BY NSTEDB,DSI-NIMAT

A Three-Day Entrepreneurship Awareness Camp (EAC) sponsored by NSTEDB, DST-NIMAT was conducted between October 6-8, 2018 by the Department of E.E.E. Mr.G.Sudarshan, Rector National Institute for Micro, Small and Medium Enterprises (ni-msme), Hyderabad was invited as chief guest and re-

source person. He addressed the students on starting the business, getting loans from banks in government schemes and selling products to customer's end etc., He explained the some of the successful startup's ideas in the market. During the second day of the program, Dr. K. Pavan, Director of Pavan Em-

power Solutions was invited as a resource person. He explained the current scenarios in industry and the marketing strategies required for setting up start up as a career option. He shared his successful story as an entrepreneur and he explained the financial aspects of SSI unit including salient features of a project report. As a part of the EAC program, the students of Department of Electrical and Electronics Engineering are visited the Dayanidhi Solar Power Plant, Santhipuram of 40 MW generation capacity. Dr. K. Ramesh, Professor and Head/E.E.E. and Mr. P. Md. Areef, Assistant Professor/ E.E.E. are accom-

ONE-DAY WORKSHOP ON INDUSTRIAL AUTOMATION (3-10-2018)

One-Day Workshop on Industrial Automation was conducted for the students of Department of E.E.E. on October 3, 2018. Experts are invited from the LIVE WIRE, Bangalore. They explained about various automation tools available for automation process in electrical industries.

One-Day Workshop on Industrial Automation



INDUSTRIAL VISITS

INDUSTRIAL VISIT @ RTPP MUDDANUR (06-10-2018)

**“The only
source of
knowledge is
experiencing”**

Third year E.E.E. students along with faculty members Mr. Zabiullah, Mr. V. Srimaheswaran and Ms. R. Vani are visited the Rayalaseema Thermal Power Plant, Kadappa on 06-10-2018. Plant engineers explained the various stages of power generation process at Thermal pow-



INDUSTRIAL VISIT @ METTUR THERMAL POWER STATION (12-10-2018)

Final year students are visited the Mettur Thermal Power Station on 12-10-2018. Faculty members Mr. Md. Areef, Mr. L. Arun Chand and Ms. R. Vani are accompanied the students. Thermal plant engineers explained the various stages and processes involved in power generation process.



INDUSTRIAL VISIT @ ISRO SATELLITE CENTRE, BANGALORE



Students of Second year E.E.E. are visited the ISRO Satellite Centre, Bangalore. Various satellite models, arrangements to see the space are explained to the students. Faculty members Mr. K. Hemadri, Mr. E. Nagalakshmaiah and Ms. Leelavathi are accompanied the students during the industrial visit.



Placement Details

Final year students of Department of E.E.E. admitted in the batch 2015-2019 have attended the several training activities arranged by the Career Development Cell (CDC) of Kuppam Engineering College.

During the tenure on final year studies, almost 95% of students got placed in various companies like

Hyoseng electric co.ltd,

CapGemini, Indium software india ltd, Windcare india (p)ltd, Glenwood systems, HCL, Pact consulting ltd.



HYOSEONG
ELECTRIC CO., LTD.
KUPPAM



Glenwood Systems
The Pathway to Profitability



Glen wood systems

R B Prasuram
K Jaswanth

Indium software india ltd

C.Jyothsna
DRV Harika
R Devayani

Pact consulting ltd

D Imran Basha
S Naveen
S Iliyas

Hyoseong electric co.ltd

R Guna sekhar
P Hari prakash reddy
R Sarath
G Vinod kumar
M.Naveen
P.Pradeep reddy
Santosh kumar ram

Windcare india pvt ltd

A Naveen kumar
D Siva kumar
K Uday kumar
P Sai krishna'
S Raghavendra
M Arasu
M Hariharan

Savantis solutions

J Joice princy

Cap Gemini

D.Sajayath ali khan

Thasmai automation (p) ltd

P.Prabhu

"CHOOSE A JOB YOU

LOVE

and you will never have to work a day.

IN YOUR LIFE"

-Confucius

Students Project Work

Batch number	Hall ticket number	Name of the student	Project title	Youtube link
1.	15F41A0213	K UDAY KUMAR	Arduino based railway bio-let automation system	https://www.youtube.com/watch?v=lgD23QBQAbw
	15F41A0212	J JOICE PRINCY		
	16F45A0203	M ARASU		
2.	16F41A0217	RAJKUMAR DAS	Automatic car engine protection system	https://www.youtube.com/watch?v=JmyG8xRNnCE
	16F41A0218	RAJABAIITHA		
	16F41A0208	DEVRAJKUMAR		
3.	18F45A0205	B HEMANTH	Smart recording of hand washing by hospital staff	https://www.youtube.com/watch?v=35Oe4VdUPV8
	18F45A0209	KOMAL KUMAR		
	18F45A0213	KARTHIK KUMAR		
4.	15F41A0214	K PUNEETH	Automatic car engine fire protection system	https://www.youtube.com/watch?v=zdH46HN5q6A
	15F41A0204	A NAVEEN KUMAR		
	15F41A0231	RAMJEE PASWAN		

Department of E.E.E. having a separate Project Laboratory in its infrastructure and is utilized by the students to carry out the projects other than the regular curriculum. This one created the platform for the students of E.E.E. for their technical empowerment. They did some real time projects based on 555 timer, Arduino controller. This kind of activities helping the students to under-

YouTube Channel: Tesla Projects

Other than regular project work available in the curriculum, students are entertained to come forward in implementing their idea in hardware form. Faculty members and Head of the Department continuously encouraging the students to participate in the competitions conducted at National/ International level.

Faculty members helping the students to com-

plete all the projects in campus itself. In this regard, Mr. V. Srimaheswaran, Assistant Professor given hands-on hardware training to the students after college regular working hours. Separate YouTube channel has been opened to upload their completed projects.

This time students have submitted their ideas for the Smart India Hackathon 2018 event conducted by AICTE and MHRD and waiting for the results.

"I have not failed. I've just found 10,000 ways that won't work."
- Thomas Edison

The screenshot displays the YouTube channel 'TESLA PROJECTS' with 73 subscribers. The channel's navigation bar includes links for HOME, VIDEOS, PLAYLISTS, CHANNELS, DISCUSSION, and ABOUT. The video grid features the following projects:

- Automatic car engine protection system** (42 views • 2 months ago)
- Smart Recording Of Hand Washing By Hospital Staff...** (196 views • 2 months ago)
- Automatic car engine fire protection system** (32 views • 4 months ago)
- Arduino based rail way bio-let automation system** (33 views • 4 months ago)
- Remote electricity metering and billing using NI LabVIEW...** (11 views • 4 months ago)
- Isolation of solar panels and its associated components...** (2:48)
- SMART ENERGY METER USING GSM** (3:06)
- Speed control DC motor by using closed loop control** (3:19)
- Auto power supply control from different sources using...** (3:17)
- Density Based Traffic signals control by using Arduino an...** (3:46)



“Women, like men, should try to do the impossible. And when they fail, their failure should be a challenge to others”

-Amelia Earhart

A ONE DAY NATIONAL LEVEL SEMINAR ON EMPOWERING WOMEN THROUGH SCIENCE AND TECHNOLOGY

To promote research, development and adaptation of technology to improve the quality of life working conditions for women. To provide new opportunities for gainful employment of women especially in rural areas. To increase the contribution of women scientists to technology based development. To enhance the capability of women in modern industries particularly in electrical and electronics technologies, a one day national level seminar on empowering women through science and technology was conducted by national commission for women which was organized by women empowerment cell kec kuppam.

సమాజంలో మహిళా చైతన్యం ఎంతో అవసరం



కుప్పం, మార్చి 8 ప్రభాతవార్త : ప్రస్తుత సమాజంలో మహిళా చైతన్యం ఎంతో అవసరమని అసంతపురం జేఎన్టీయూ మహిళా విభాగం కోఆర్డినేటర్ జి.ప్రశాంతి పేర్కొన్నారు. శుక్రవారం కుప్పం ఇంటినింగ్ కళాశాలలో జరిగిన అంతర్జాతీయ మహిళా దినోత్సవం కార్యక్రమంలో ఆమె పాల్గొని ప్రసంగించారు. ప్రస్తుత సమాజంలో మహిళలు పురుషులు ధీటుగా అన్ని రంగాల్లో రాణిస్తుండడం హర్షనీయమన్నారు. కళాశాల వైస్ చైర్మన్ డా॥ సునీల్ రాజ్ మాట్లాడుతూ ఆమెను పూజించు.. భార్యను ప్రేమించు.. సోదరిని దీవించు.. అని హితవు పలికారు. ఈ కార్యక్రమంలో ప్రిన్సిపాల్ సుధాకర్ బాబు, కోఆర్డినేటర్ పబ్లికేషన్, అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.

Sat, 09 March 2019
వార్తా <https://epaper.vaartha.com/c/37506138>



Sports

Two students from the Department of E.E.E. are selected for the JNTUA football team the academic year 2018-19. The selected students are Mr. Amal Jyothi from Second year and M. Pranav from First year E.E.E..

These students will represent the JNTUA Football team for the upcoming tournaments during the academic year 2018-19.



Program Outcomes

The graduates of Electrical and Electronics Engineering program are able to

PO.1 Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO.2 Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO.3 Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO.4 Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO.5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO.6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO.7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO.8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO.9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO.10 Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO.11 Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO.12 Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes

The graduates will have

PSO 1: An ability to understand the basic concept and practical application in Electrical and Electronics Engineering and apply them to various domain like Electrical Utility Industries, Electrical and electronics manufacturing industries in the design and implementation process.

PSO 2: An ability to solve complex electrical and electronics technological problems, using latest tools, along with analytical skills to arrive at cost effective and appropriate solutions.

DEPARTMENT OF E.E.E. - A TECHNICAL HOME AWAY FROM HOME



Kuppam Engineering College

Department of
Electrical and Electronics Engineering

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B.Tech. (Electrical and Electronics Engineering)

- ◆ Electrical Machines Lab.
- ◆ Control Systems Lab.
- ◆ Electrical Measurements Lab.
- ◆ Power Electronics Lab.
- ◆ Networks Lab.
- ◆ Electrical Simulation Lab.

M.Tech. (Power Electronics)

- ◆ Machine and Power System Lab.
- ◆ Simulation Lab.

Doctoral Program

- ◆ Simulation Lab.

Separate
Project Laboratory
is available for
Students'
hands-on training

Looking always for 100%
Success & No compromise
on Professional Ethics