



POLARIS *The Right Spark*

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

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KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada)

(Accredited by NBA/NAAC with A grade)



June2K19,Volume04,Issue:02

NEWSLETTER: Department of Electrical and Electronics Engineering



Thor ET one:

The startupThor's latest invention centers on a sleek and power electric semi truck. With the ability to carry 36000 kilos up to 300 miles,the Thor ET-One is sure to shake up the semi truck industry while creating a greener planet. The truck looks like optimum prime's cooler cousin.Resonator.

Page5 : Power Electronics workshop

Page 6 : VOLTA Project expo competition

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Page 8 : Flash mob

Page 9 : MHRD's Project expo

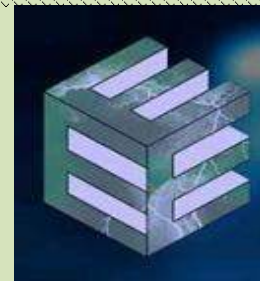
Page10 : Placement drives

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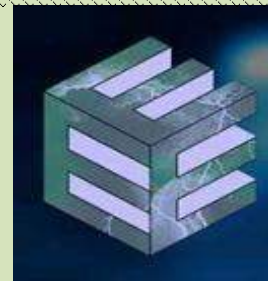
INSTITUTE VISION & MISSION

Vision

To produce eminent and ethical engineers and managers for society by imparting quality professional education with emphasis on human values and holistic excellence.

Mission

IM1	To incorporate benchmarked teaching and learning pedagogies in curriculum.
IM2	To ensure all round development of students through judicious blend of curricular, co curricular and extracurricular activities.
IM3	To support cross-cultural exchange of knowledge between industry and academy.
IM4	To provide higher/continued education and research opportunities to the employees of the institution.



DEPARTMENT VISION & MISSION

Vision

Excel in education, research and technological services in electrical engineering.

Mission

DM1	Impart quality education to produce globally competent engineers and successful entrepreneurs for meeting the current and future needs of power industry.
DM2	Engage in research and development in cutting edge and sustainable technologies.
DM3	Enhance industrial collaboration and professional ethics to serve the society.

Program specified Outcomes (PSO'S):

PSO1:

Able to utilize the knowledge of power Electronics in collaboration with Electrical Machines to provide an engineering solution in the areas related to Electrical Drives.

PSO2:

To develop new cutting edge Technologies in Power system associated with efficient conversion and control of electrical power.

PSO3:

Able to use software for design, simulation and analysis of electrical systems.



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A Three Day Workshop on dsPIC30f2010 BASED POWER ELECTRONIC APPLICATIONS WITH MATLAB INTERFACE

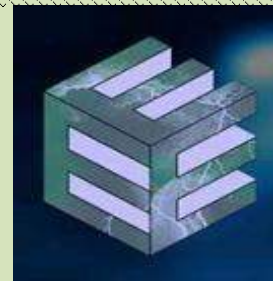
A Three day work shop conducted to the IV-B.tech students on *dsPIC30f2010 BASED POWER ELECTRONIC APPLICATIONS WITH MATLAB INTERFACE* during the dates of 17th to 19th September .

Computer simulation of power electronic circuit allows the students to understand what are the advances in simulation tools, how equations are formed and solved, why only particular methods are employed for the simulation of power electronic circuits etc. Students are also allowed to vary the circuit parameters, to understand the operation of the power electronic circuits and to examine the effect of these changes in the electrical variables.



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NEWSLETTER: Department of Electrical and Electronics Engineering
Competitions for KITS YUVA:

The competitions for KITS YUVA have been started through college wise and department wise in the Technical and cultural events.



VOLTA Project Expo: || FEB 27th

Students of IV, III and II year, participated in the competition of VOLTA Project Expo with their innovative ideas such as Doctor IOT, Smart Blind stick, Automatic water planting and dual axis solar system etc.



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NEWSLETTER: Department of Electrical and Electronics Engineering

TECHNICAL QUIZ:

Various college students of EEE department, participated in the Technical Quiz competition on the event of **KITS YUVA-2019**.



POSTER PRESENTATION:

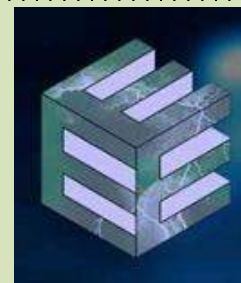




FLASHMOB: RIGHT TO VOTE



Students from all the branches have been participated in **FLASHMOB** to conduct an awareness program on **RIGHT TO VOTE**. The **FLASHMOB** shows the importance of the youth role in the VOTING to build the Society. It also demonstrated the role of **FARMERS** and **SOLDERS**. This **FLASHMOB** was exposed in main centers of **GUNTUR** like Market center and Kalamandir center. This team got a huge response from the citizens of Guntur.



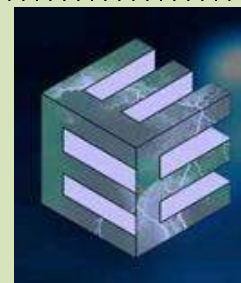
MHRD's PROJECT EXPO|| MARCH 29th



Under the Government of India MHRD's Innovation cell conducted an IDEA COMPETITION on march 29th in our Institution.

More than 50 proto type Project ideas have been presented on that day. These are the pictures of the few of the ideas of our Electrical department named as DOCTOR IOT by the Hussein and Bandagi team of II-EEE , Automatic water planting by Haritha and Divya of III-EEE, Dual axis solar tracking system by Chandra kanth and kishore of III-EEE and few more. With the expert committees decision some of the projects were selected to exhibition in Zonal wise.





AMARA RAJA DRIVE||MARCH 27:



On MARCH 27 AMAR RAJA Campus drive was conducted and THREE members of Electrical stream have been selected to the company with the package of nearly 2.7lack per annum

PILOG DRIVE||FEB 16:



Campus drive was conducted by PILOG in our Institution on Feb-16 and 6- members of Electrical stream have been selected to the company with the package of nearly 1.32 lack per annum



NEWSLETTER: Department of Electrical and Electronics Engineering



As aspiring the important things that we seek from the institute is placement drive that is being offered. Carrere, future package, job description, HR-interview, code change, these are some of few words that ring in our ears when we enter to our fourth year. KKR&KSR Institute placement department is well structured to take care of the aspirations of the students in tune with the dynamic industry expectations and the curriculum. Over 13 top companies, from India, visit KKR&KSR campus to make offers to over 38 students out of 51 students.



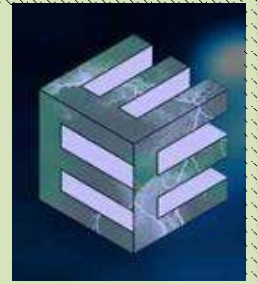
KITS
KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCE
Accredited by NBA | "A" Grade by NAAC | Approved by AICTE, New Delhi | Affiliated by JNTUK, Kakinada
Vinjanampadu(Vii), Vatticherukuru(Md), Guntur(Dt), A.P.INDIA-522 017

Department Of Electrical and Electronics Engineering
Total Placements - 36

 MD Anjum Kausar 15JR1A0210 Capgemini	 S Pradeep 15JR1A0234 Capgemini	 P Srikanth 16JRSA0209 Capgemini	 Y Suresh 15JR1A0243 Capgemini		
 K Pallavi 15JR1A0208 Cognizant	 B Talapa Sai Reddy 15JR1A0241 Cognizant	 D Naga Revathi 15JR1A0203 AMARA RAJA	 U Ravi Deva Raj 16JRSA0212 AMARA RAJA	 Sk Subhani 16JRSA0211 AMARA RAJA	
 Y Bhavani Prasad 15JR1A0204 CGI	 T Ravi Chandra 15JR1A0202 Caliber	 M Naveen 15JR1A0222 Athena Engneer	 D Naga Revathi 15JR1A0203 KANNON	 D S B S Saravara Rao 15JR1A0218 KANNON	 T Mahesh 15JR1A0209 PiLag
 Y Bhavani Prasad 15JR1A0204 PiLag	 M Naga Divya 15JR1A0241 PiLag	 O Kolthavara Rao 16JRSA0207 PiLag	 K Mahana Tejaswini 15JR1A0208 PiLag	 MD Shobana Tabassum 15JR1A0211 PiLag	
 G Nikhitha 15JR1A0205 SL LUMAX	 G Vijaya Lakshmi 15JR1A0204 SL LUMAX	 M Rajitha 15JR1A0209 SL LUMAX	 A Aryamann 15JR1A0214 SL LUMAX	 K Mahesh Babu 15JR1A0223 SL LUMAX	
 Sk Subhani 16JRSA0211 SL LUMAX	 U Ravi Deva Raj 16JRSA0212 SL LUMAX	 M Naveen 15JR1A0227 SL LUMAX	 Sk Gouse Basha 15JR1A0235 JRA	 A Nyamathullah 15JR1A0227 SANGHANG	
 M Rakesh 15JR1A0225 K S	 B Hari Chandras Prasad 15JR1A0215 K S	 P Varikata Rao 15JR1A0221 K S	 K Pama Chandra Rao 15JR1A0224 K S	 P Sandeep Kumar 15JR1A0232 K S	 G Madhu 15JR1A0220 K S

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Faculty Development Programme

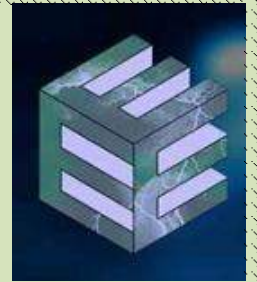
Faculty Development programs strengthen the professional development of the faculty members and administration who deal directly with students. The effectiveness of the teaching, especially in undergraduate programs, so that they are better able to guide students on journeys of inquiry and discovery.

Our Institution conducted on weak online FDP on *Advancements in Signal processing and Optimization techniques* in collaboration with IIT Guwhati.



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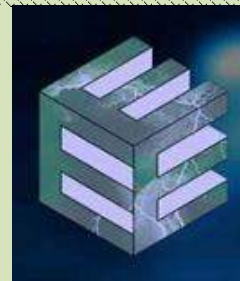
★ Student Achievements ★

	<p>Students of III .Btech and II B.tech have participated in the NPTEL online certified course such as Electric vehicles to enhance their knowledge apart from the curriculum subjects. Some of the certifications are presented here.</p>	

FACULTY ACHIEVEMENTS

NPTEL advanced courses being recognized by AICTE will be a great boost to the teaching community. Mr.K.Sarath Bhushan of EEE department completed multiple courses for this semester.

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NEWSLETTER: Department of Electrical and Electronics Engineering

Academic toppers: II-II




Head of the department and Faculty members of EEE Department congratulate the following students for their performance in **II Year II semester University Exams**

S.No	REGD NO	NAME OF THE STUDENT	SGPA	PHOTO
1	17JR1A0206	KATTA SAI SRI YUKTHA	9.18	
2	17JR1A0205	DODDAPANENI SIREESHA	8.91	
3	17JR1A0214	NAGALLA VENKATA DEEPTHI	8.23	
4	18JR5A0201	ARISSETTY SASI KALYANI	8.23	

Academic toppers: III-II

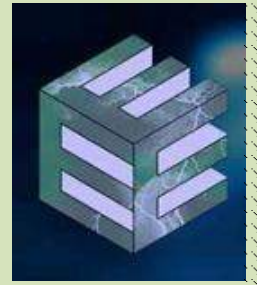
S.No	REGD NO	NAME OF THE STUDENT	SGPA	PHOTO
1	16JR1A0217	M.KOTI REDDY	8.72	
2	16JR1A0209	PEDDI DIVYA	8.29	
3	17JR5A0201	M. GNANA CHANDRIKA	8.29	

Academic toppers: IV-II

SNO	REGDNO	NAME	PERCENTAGE	PHOTO ID
1	15JR1A0205	GUNDMI S NIKHITHA	83.00	
2	15JR1A0228	MOGILSETTY SUBRAMANYAM	83.00	
3	16JR5A0201	KANDULA MADHU LAVANYA	81.00	

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MHRD's Proof of Idea competition | June 15th

MHRD conducted a Proof of Idea competition on June 15th an international Idea competition in which the selected Ideas will be trained in the **Canada and South Korea** with the expert committee with their own expenses.

Students of IV and III year batches exhibited idea like

- Wireless power transmission via solar power satellite
- Smart axis solar tracking system
- Power generation by floor tiles

