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**3** Issues  
Completed  
Successfully



## DEEP LEARNING



KKR & KSR Institute of Technology & Sciences

(Approved by AICTE New Delhi, Affiliated to JNTU Kakinada, Accredited by NAAC with "A" Grade)



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## VISION, MISSION & PEO'S

### Vision

Developing highly Qualitative, Technically Competent and Socially Responsible Engineers.

### Mission

To provide quality education in the domain of Electronics and Communication Engineering through

- Enriched curriculum for addressing the needs of Industry.
- Effective teaching learning processes through congenial environment.
- Gaining contemporary knowledge through research, development, curricular, co and extra-curricular.

### ECE Program Educational Objectives

Graduates of Electronics & Communication Engineering Shall

**PEO1:** Develop a strong background in basic science and mathematics and ability to use these tools in their chosen fields of specialization.

**PEO2:** Have the ability to demonstrate technical competence in the fields of electronics and communication engineering and develop solutions to the problems.

**PEO3:** Attain professional competence through life-long learning such as advanced degrees, professional registration, and other professional activities.

**PEO4:** Function effectively in a multi-disciplinary environment and individually, within a global, societal, and environmental context.

**PEO5:** Take individual responsibility and to work as a part of a team towards the fulfillment of both individual and organizational goals.

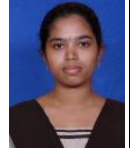
The institute is a symbol of egalitarian outlook without discretions. KITS student activity council is organized exclusively by students with representatives from various disciplines stands for the advocacy of democracy and leadership opportunities provided by the institute. KITS student clubs enable all the students and staff mingle freely to express their views and share their talents and expertise. **KITS imparts Outcome Based Education (OBE)** which gives equal opportunities to teaching and learning curricular, co-curricular and extra-curricular activities.



## SEASON OF PLACEMENTS:

Achievement is not small or big  
Achievement is truly great  
You have achieved what you wanted  
To, and that is a wonderful sign of fate  
Wishing you many congrats on this  
Super day of yours  
Celebrate along and have a  
Good time with your loved ones  
Congrats once again!

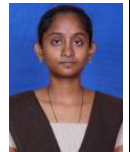
**ANKOLU VIJAYALAKSHMI (15JR1A0404)** got selected in the **Infosys** campus drive. Everybody needs some recognition when you did something marvelous. And you bring the happiness on the faces of your parents and us. We knew you would make it! Congratulations on a new chapter in your life.



**ADDANKI NAVEEN MURTHY (15JR1A0434)** got selected in the **Infosys** campus drive. Ever since you were a little kid, We always knew you would become successful later in life. We have seen you go through a lot of changes, and you have matured a lot. We have seen you conquer college, and earn your well-deserved degree. And now, We are so proud of you for becoming a full-pledged professional. Congratulations!



**MOCHARLA NAGA SUMA (15JR1A0482)** got selected in the **TCS** campus drive. We are one of the proudest person today, We are really proud of your new achievement. We are witnessed your struggles and how you have overcome obstacles, and now you are receiving the recognition you deserve! Your new company will never regret hiring you. Congratulations!



**SADAM SRINIVASULU (15JR1A04GH)** got selected in the **PIVOX** campus drive. Everybody needs some recognition when you did something marvelous. And you bring the happiness on the faces of your parents and us. We knew you would make it! Congratulations on a new chapter in your life.



**MOHAMMED AHMED HAMBAL BAIG (15JR1A04B3)** got selected in the **Effectronics** campus drive. Ever since you were a little kid, We always knew you would become successful later in life. And you bring the happiness on the faces of your parents and us. You deserve! Your new company will never regret hiring you. Congratulations!





Congratulations to toppers of IV years for magnificent performance in IV-I exam. Let this be considered as a source of inspiration to the entire students of the

department and an impetus to excellence. Big thumbs to all the faculty members who geared up the students for such a great triumph. Passed exam is a happy event. We witnessed how hard you studied. In our message we send you a key to success: study while others sleep, work while others loaf, prepare while others are play and dream while others just wish. It is clear that future holds great opportunities for you.






#### Toppers List:

NO	REGDNO	NAME	%	PHOTO ID
1	15JR1A04C0	PANADI AKHILA	84.80	
2	15JR1A04D8	SHILPA MARY SANTHIYAGU	82.13	
3	15JR1A04C7	PUNYAMURTHY DURGA LAKSHMI VASUDHA	81.47	
4	15JR1A0470	KOTA KAVERI	80.67	
5	15JR1A0434	ADDANKI NAVEEN MURTHY	80.53	

# RESULTS

Make it a habit of bringing success and prosperity to kindle branch of ECE, we heartily congratulate the toppers of III year students for magnificent performance in III years I Semester Exams. We encourage you to continue the same tempo in the upcoming semester. Success is connected with action. Successful people keep moving. You can make mistake, but don't quit! You've done it! Congratulations on your great achievement!

## Toppers List:






SNO	REGDNO	NAME	%	PHOTO ID
1	16JR1A0426	KAKANI MOUNICA	8.86	
2	16JR1A0459	KATREDDY NAGARJUNA REDDY	8.86	
3	16JR1A04D0	SYED HASEENA	8.71	
4	16JR1A04D9	VIPPARLA VENKATA SAI VASANTHA	8.71	
5	16JR1A0445	GANGULA DILEEP KUMAR REDDY	8.71	



Congratulations to toppers of II years for magnificent performance in II-I exam. Let this be considered as a source of inspiration to the entire students of the department and an impetus to excellence.

We encourage you to continue the same tempo in the upcoming semester. Success is connected with action. Successful people keep moving. You can make mistakes, but don't quit! You've done it! Congratulations on your great achievement!

### **Toppers List:**

SNO	REGDNO	NAME	PERCENTAGE	PHOTO ID
1	17JR1A0495	PASUPULETI VALLI NAGA LAKSHMI	9.45	
2	17JR1A04C3	POKA GOWTHAMI	9.18	
3	17JR1A04D2	SAGAMREDDY VIDYA	8.91	
4	17JR1A04C1	PATHAN ROSHINI	8.91	
5	17JR1A04D7	SHAIK HALIMA URAF RESHMA	8.77	

## వన సమారాధన

కార్తీకమాసం అనగానే వనభోజనాల హడావిడి మొదలౌతుంది. ఊరూవాడా సందడిగా ఉంటుంది. వనభోజనాల ప్రసక్తి అనేక ధార్మిక గ్రంథాల్లో ఉంది. ముఖ్యంగా "కార్తీక పురాణం"లో కార్తీక పౌర్ణమినాడు వైమిశారణ్యంలో మునులందరూ సూతమహర్షి ఆధ్వర్యంలో వనభోజనాలు ఏర్పాటు చేసుకున్నట్లు లిఖితమైంది.

కిట్స్ లో డిసెంబర్ 9 న వనభోజనాలు ఘనంగా జరిగాయి. గుంటూరు కిట్స్ ఆధ్వర్యంలో నిర్వహించిన ఈ వన భోజనాల్లో కుటుంబ సమేతంగా అధ్యాపకులు మరియు కళాశాల యాజమాన్యం పాల్గొన్నారు. దాదాపు 200 మంది కిట్స్ అధ్యాపకులు పాల్గొన్న ఈ కార్యక్రమం ఉదయం 9 గంటలకు ప్రార్థన గీతాలతో ప్రారంభమై.. మన సంస్కృతి, సంప్రదాయాలను ఆచరిస్తూ భక్తిశ్రద్ధలతో ప్రత్యేక పూజలు నిర్వహించి వివిధ కార్యక్రమాలతో సూర్యాస్తమయం వరకు కొనసాగించారు. అందరూ ఆట,పాట కబుర్లకు తో ఆహ్లాదంగా గడిపారు. పిల్లలు,పెద్దలలో ఉన్న సృజనాత్మకతను తట్టిలేపే క్రీ డలు, నృత్యాలు, సంగీత కచేరీలు నిర్వహించారు. ఈ వనభోజనాల మధుర స్మృతులు జీవితాంతం గుర్తుండిపోతాయి. మానవ మనుగడకు వనాలు చేసే మేలు అంతా ఇంతా కాదు. భవిష్యత్ తరాలకు కూడా మేలు చేకూర్చే వృక్షజాతిని సంరక్షించాలనే నిగూఢ సందేశాన్ని వనసమారాధన ద్వారా అందించారు



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## IETE STUDENT FORM INAUGURATION:



The ECE association *SPACE* celebrated inauguration of The Institution of Electronics and Telecommunication Engineers (IETE) student form on 12th , December , 2018 from 10.00 AM to 12.30 PM in the Seminar Hall. **Dr.D.V.K.D.V Prasad** Chairman IETE attended as Chief guest for this event. **Mr.P.Kalee Prasad** ,Secretary IETE attended as guest of honor for this event along with Sri K.Subbarao Garu, Chairman, KITS, Dr. P.Babu Garu, Principal, KITS and Dr.Siva Ganga Prasad, HOD ECE



### About IETE:

The Institution of Electronics and Telecommunication Engineers (IETE) is India's leading recognised professional society devoted to the advancement of Science and Technology of Electronics, Telecommunication & IT. Founded in 1953. The IETE is the National Apex Professional body of Electronics and Telecommunication, Computer Science and IT Professionals. It serves more than 1,25,000 members (including Corporate, Student and ISF members) through various 64 Centers, spread all over India and abroad. The Institution provides leadership in Scientific and Technical areas of direct importance to the national development and economy. Government of India has recognised IETE as a Scientific and Industrial Research Organization (SIRO) and also notified as an educational Institution of national eminence. The objectives of IETE focus on advancing electro-technology. The IETE conducts and sponsors technical meetings, conferences, symposia, and exhibitions all over India, publishes technical journals and provides continuing education as well as career advancement opportunities to its members.

Dr.Siva Ganga Prasad garu said about 177 students of II Year ECE became the members of IETE. He said the research work and innovative thinking will improve the academic status of student.

Dr. P Babu garu expressed his compliments to the student members of IETE. He explained about the purpose of students form and benefits of active participation.



Sree. K.Subbarao Garu insisted the students to enhance their knowledge. He said every student must compete with knowledge. In this event he stated about the no. of campus placements up to now with the students.

Sree. Kalee Prasad garu said incoming years it is going to be mandatory of memberships in every college. He explained about MSME. He said studying engineering is different than being a engineer.

**Dr.D.V.K.D.V Prasad** garu explained purpose and benefits of IETE member ship. He said with student forms it is easy to discuss student ideas in international level.

Next the IETE chairman handover the IETE student chapter certificate to the college dignitaries. In the valedictory function, the chief guest and guest of honor were honored by the Chairman sir with a Shalv and Memento. At the end of the session certificates are distributed to the students. Finally the session ended with NATIONAL ANTHEM



# GUEST LECTURE

Guest lecture is conducted on “TV Broad Casting”, by Mr.P.KaleePrasad, Secretary IETE from 12:30pm onwards.



In this lecture he explained about types of TV Broadcasting and various types of orbits.

According to him there are four types of TV broadcasting

- Terrestrial
- Satellite
- DTH
- Mobile TV

He stated that 1500 Transmitters are present to serve the people. He explained uses of satellite , advantages, positions and communication techniques. With his intrest he explained various types of orbits

- Low earth orbit
- Medium orbit
- Geo-stationary orbit
- Polar orbit
- Molniya orbit
- Sun synchronous orbit

He shared his knowledge with the students. All II year students actively participated in the guest lecture. In the valedictory function, he was honored by the Chairman sir with a Shalv and Memento. Finally the session ended with NATIONAL ANTHEM

## DEEP LEARNING

The ECE association **SPACE** conducted a five day workshop on “**Deep Learning**” from 12th to 26th December 2018 from 10.00 AM to 4.30 PM in the Seminar Hall. **Prof.T.Srinivasa Rao garu** was resource person for this workshop. This workshop is conducted to get the awareness among the students towards Machine Learning.

Machine learning is an application of artificial intelligence (AI) that provides systems the ability to automatically learn and improve from experience without being explicitly programmed. Machine learning focuses on the development of computer programs that can access data and use it learn for themselves.

Deep Learning is a new area of Machine Learning research, which has been introduced with the objective of moving Machine Learning closer to one of its original goals: Artificial Intelligence.

The following areas are covered by the resource person during these five days

- Artificial intelligence
- Thinking Humanity
- Acting Humanity
- Machine learning
- Regression Algorithm
- Support vector machines
- Decision Trees
- Neural Networks
- Artificial Neural Networks
- Deep Learning
- Implementation of the program in “**TENSOR FLOW**”
- Implementation of the program in “**KERAS**”





An artificial neural network is an interconnected group of nodes, similar to the vast network of neurons in a brain. Here, each circular node represents an artificial neuron and an arrow represents a connection from the output of one artificial neuron to the input of another.

Artificial Neural Networks (ANN) or connectionist systems are computing systems vaguely inspired by the biological neural networks that constitute animal brains. The neural network itself is not an algorithm, but rather a framework for many different machine learning algorithms to work together and process complex data inputs. Such systems "learn" to perform tasks by considering examples, generally without being programmed with any task-specific rules.



For example, in image recognition, they might learn to identify images that contain cats by analyzing example images that have been manually labeled as "cat" or "no cat" and using the results to identify cats in other images. They do this without any prior knowledge about cats, for example, that they have fur, tails, whiskers and cat-like faces. Instead, they automatically generate identifying characteristics from the learning material that they process. On behalf of the department of Electronics and communication engineering, the hosting department, Our faculty Coordinator extended her gratitude to the College Management and Principal. After the felicitation the program came to end with the National Anthem.

## FACULTY ACHIEVEMENTS:

**Mr.B.Venu, Assistant professor,** participate in One-Week Faculty Development Program on “**DSP&SENSORS**” Jointly organized by Electronics and ICT Academies through National Knowledge Network under “Schemes of financial Assistance for setting up of Electronics and ICT Academies, in National Institute of Technology, Warangal from 10<sup>th</sup> to 14<sup>th</sup> December 2018.

**Mr.T.Venkat Assistant professor,** participate in One-Week Faculty Development Program on “**DSP&SENSORS**” Jointly organized by Electronics and ICT Academies through National Knowledge Network under “Schemes of financial Assistance for setting up of Electronics and ICT Academies, in National Institute of Technology , Warangal from 10<sup>th</sup> to 14<sup>th</sup> December 2018.



**Ms.K.Leela Rani, Assistant professor,** present a paper on “triple Frequency U Slot antenna for 5G and Satellite Communication” on 05<sup>th</sup> and 6<sup>th</sup> Decemner 2018 in Vignan University.

**Mrs.K.Sowjanya, Assistant professor,** present a paper on “Triple Frequency U Slot antenna for 5G and Satellite Communication” on 05<sup>th</sup> and 6<sup>th</sup> Decemner 2018 in Vignan University.

**Dr.Sk.Khamurruddeen, Assosiate professor,** present a paper on “Intelligent pesticide spraying system using Quad copter” on 05<sup>th</sup> and 6<sup>th</sup> Decemner 2018 in Vignan University.



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# Volumes Completed Successfully

With all Your Cooperation, Our Dept. News letter Volume 3 is Successfully completed with December month and happy to say that..Volume 4 will start from JANUARY on wards comprises much content with new grace & colour full.

**\*\*\*WISH YOU A HAPPY NEW YEAR\*\*\***