



KL

Deemed to be **UNIVERSITY**

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

(KoneruLakshmaiah Education Foundation)

Deemed to be University Estd. u/s 3 of UGC Act. 1956

Accredited by NAAC as 'A' Grade University ❖ Approved by AICTE ❖ ISO 9001-2008 Certified

Green Fields, Vaddeswaram, Guntur District, Pincode : 522 502, Andhra Pradesh., INDIA

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SPARK2K18

KL In association with **IEEE**

DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING
PRESENTS

SPARK

**March
14th & 15th**

**TECHNICAL | SPOT EVENTS
NON-TECH EVENTS | WORKSHOPS**

CASH PRIZE UP TO
1.5 LAKHS

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About KLU:-

One the banks of river Buckingham canal, lies an establishment heritage and indoctrination since 38 years glorious years. Under the esteemed Leadership of founder Sri Koneru Lakshmaiah, KLCE stood as the No.1 engineering college in all standards and all means. Later in 2009, the institution is accepted to be a multi-disciplinary deemed to be University. Under this umbrella stood Engineering, Sciences, and Humanities, Architecture, Business, Fine Arts, commerce, Pharmacy, Law, Computer applications and much more expanding giving world-class education to over 20,000 students including students from other countries realizing cross cultural relations. KLEF is employing 1067 highly educated faculty from across the globe with vast experience on research and industrial practices. The students are given high quality placement training in coherence with the industry requirements.

Many accolades to the blooming brains of KLEF students giving tug to India's top Universities is quite evident with the prestigious NIRF ranking 59th place. KLEF vision is to focus on research development and transforming the world into a better place to live.

ABOUT SPARK:-

Spark is one of the most celebrated and reputable National-level Technical Level fest. Spark is conducted by Department of Electrical and Electronics annually and includes futuristic and state-of-the-art workshop, exuberant technical fests and exciting nontechnical events. Spark'17 was massive amongst students with more than 1000 registrations, sponsorship. Active participation of final year students encourage juniors of all years in the previous versions of Spark. Spark had exhilarating and electrifying cultural events which includes dance performed by professionals from Narthana Club and entertaining acts like drama, vocals, mimicry, mashups, flash mobs and Guest Lectures by experienced individuals from BSNL, ISRO and GS Electricals. Previous Spark gave the registered members an experience of all time by giving a chance to visit Efftronics Systems Pvt Ltd. Spark'18 is going to be three-fold experience in all manners.

Faculty Coordinators: Mr.R.B.R.Prakash

Mr. M Srikanth

Mrs. G Swapna

Student coordinators: B.SithaRamanjaneyulu

S.HariChandan

S.Kesav

Ravi Teja

P.Dharani

Chief Guest: Sri .Seshi Kant

Deputy General Manager –Technical and Regional Manager –AP
Energy Efficiency Services Limited.

Guest of Honour: Sri.M.V.V.Satyanarayana

Chief Engineer

Dr.Naarla Tata Rao Thermal Power Station,

Ibrahimpattanam.



JyothiPrajwalana at SPARK-18 Inauguration

Work shops:-

- PLC and SCADA
- Artificial intelligence using in MATLAB

Spark2K18 technical Events:-

SNo	Event Name	Abstract
1	Dance my Robot	In this event we are going to Dance the robot which is made up of Arduino .Here, We have robots which Can dance by dumping the code into the arduino.so we miss some basic lines

		in the code which are very fundamental for arduino programmers. they try to get imagine the code the which is missing. if they write it correctly then robot will dance
2	Techno Burst	Techno burst is the Electrical Quiz.We select 3 members as a team and we provide one paper. we display 10 questions for each round which are pure technical .we select the batch which writes majority answers are correct as a winner.
3	Catch the Code	We provide some LED'S on bread board .we connect that LED's to a microcontroller. The connections have little bit complexity to examine which is connected to which pin. So we give a task to the player to light an led which we give.
4	Pitch Today(Idea Presentation)	Pitch today is a name for Idea presentation. where applicants can pitch their idea in front of judges. The 3 best and innovative ideas can get a cash prize which will announce at the end of the day.
5	project Expo	This is a project Exhibition where attendees can exhibit their project . The best project will get cash prize by considering all the constraints like environmental effect ,cost,innovative etc.,
6	Exhibit Poster/paper	Here aspirants can present their idea or project according to their research area through paper or poster.
7	Rectify with mind	Here the challenge is circuit correction. we give the circuit diagram to participant to glance it for 1 minute. then we give circuitconnected on the bread board then they will correct the circuit.

Spark2K18 Non-technical Events:-

- 1. Treasure Hunt**
- 2. Ice Bucket Challenge**
- 3. Lan-Gaming**
- 4. Mr&Ms Spark'18**
- 5. Brew HA HA**

A person is given 4 glasses. He/She should arrange them in straight line. when he/she move the 1st glass. Then the last one should fall in the basket that was placed under the table edge.

6. Ping Tac Toe

2 contestants are given one bucket of some plastic balls, and 3 tables are arranged in one line and the middle table consist of 9 glasses filled with water. He/she should step the ball in the front table and make it land in the glasses. The person who lands more balls is winner& will be qualified for next round. 2 contestants are given same time.

7. MEME CREATION

Meme's are becoming popular across every social media and meme have become the powerful way of spreading awareness and important social messages, even to criticize people an spread awareness. So, in our SPARK meme creation is done on the spreading awareness.

8. Dialogue war

Movie name/dialogue name is given in chats. He/she should say the dialogue without any mistakes.

Department of EEE also has an MOU between KLEF and Energy Efficiency Services Limited.



MOU exchange between KLEF and EESL

All together 300 students participated in workshops, Technical and Non -Technical Events. Cash Prize was given to the winners in all technical and non-Technical events. Participation Certificate was given to all participants.



Certificate distribution at Valedictory to the participants.

The News coverage about the event of Spark by Print media as follows

