



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

Accredited by NAAC as 'A++' ♦ Approved by AICTE ♦ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8645 - 350 200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2576129

KLEF/EEE/Technical Club EEE /2018-19

Dt. 12-03-2019

CIRCULAR

Sub: Conduction of Departmental fest "SPARK-19" by EEE Department on 14-03-2019
- Communication – Reg.

Ref: Letter dt. 10-03-2019 from Mr D.Kalyan, Assistant Professor and forwarded by
HoD-Department of EEE.

This is to inform all the students that the Department of Electrical and Electronics Engineering is conducting "SPARK-2019" - A National Level Techno Fiesta on 14th and 15th March 2019. The event contains various Workshops, Technical, Non-Technical events and detailed schedule is enclosed herewith. All the Heads of the Departments are requested to bring this information to the notice of all the students of their respective departments.

Faculty Co-Ordinators: 1. Mr. M Srikanth 2. Mrs. G Swapna

The EEE faculty are directed to ensure that this information is brought to the notice of all the Students of their respective classes.

List of Technical Events are as follows:

Venue Timings Project Expo: C124 Lobby 11 AM to 1 PM

Paper Presentation: C322 11 AM to 1 PM

Poster Presentation: Venue: C324 11 AM to 1 PM

Student Convener: Tadi Tirumula Tarun , Contact No: 9666018224 The

Invitation and relevant Posters are attached here with.

All Students and Faculty of KLEF are invited to join.

All are requested to be present for in augural session on 14th March 2019 at 10.00 a.m. in Sir C.V.Raman Hall (New Seminar Hall).

HoD -EEE

Dr. K Narasimha Raju

Professor & Head
Department of EEE
KLEF Deemed to be University
Green Fields, Vaddeswaram
Guntur Dist.



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

Accredited by NAAC as 'A++' ♦ Approved by AICTE ♦ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8645 - 350 200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2576129

SPARK2K19



Department of
ELECTRICAL AND ELECTRONICS ENGINEERING
Presents

ON
March 14th and 15th

2K19

SPARK

Take a Ride on the Green Side
WORKSHOP

TECHNICAL	TECHNICAL DOCUMENTATION
TECHNO BUZZ	USING LATEX
IDEA PRESENTATION	NON-TECHNICAL
PROBLEM SOLVER	PUBG CONTEST
GET THE CONTENT	GLASS BUILDING
CIRCUIT BUILDING	TREASURE HUNT

 /KL SPARK 2K19

MEDIA PARTNER



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

K.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.



Photo : Jyothi Prajwalana at SPARK-19 Inauguration on 14th March 2019

SPARK-2019, the annual techno fest organized by the EEE department at KL University, was a resounding success. The event, held on [specific dates], featured a variety of technical competitions, workshops, seminars, and exhibitions. The theme for SPARK-2019 was "Innovative Solutions for a Sustainable Future," focusing on advancements in electrical and electronics engineering that contribute to sustainability and efficiency.

The inauguration ceremony was graced by the presence of the distinguished Chief Guest, Sri Seshi Kant, Deputy General Manager – Technical and Regional Manager – AP Energy Efficiency Services Limited, and the esteemed Guest of Honour, Sri M.V.V. Satyanarayana, Chief Engineer, Dr. Narla Tata Rao Thermal Power Station, Ibrahimpattanam. Sri Seshi Kant emphasized the critical importance of energy efficiency and sustainability in his keynote

address, highlighting various initiatives and technologies aimed at reducing energy consumption and promoting renewable energy sources. He encouraged students to innovate and develop solutions that address the global energy crisis, underscoring the role of young engineers in shaping a sustainable future. Sri M.V.V. Satyanarayana shared insights from his extensive experience in the thermal power sector, discussing the challenges and opportunities in managing large-scale power stations and the importance of transitioning to cleaner energy sources. His talk inspired participants to consider the broader impact of their work on society and the environment.

Throughout the event, students showcased their innovative projects and ideas, reflecting their creativity and technical prowess. Workshops and seminars conducted by industry experts provided attendees with valuable knowledge and skills, while hands-on activities and competitions fostered a spirit of healthy competition and collaboration. The fest also served as a platform for networking, enabling students, faculty, and industry professionals to connect and explore potential collaborations. The successful execution of SPARK-2019 left a lasting impact on all participants, inspiring them to strive for excellence and contribute to the advancement of electrical and electronics engineering.

Workshops Conducted at SPARK-2019

Workshop on PLC and SCADA: The PLC (Programmable Logic Controller) and SCADA (Supervisory Control and Data Acquisition) workshop provided participants with an in-depth understanding of industrial automation systems. This workshop covered the basics of PLC programming, including ladder logic and functional block diagrams, and explored the integration of PLCs with SCADA systems for real-time monitoring and control of industrial processes. Attendees engaged in hands-on sessions where they programmed PLCs and configured SCADA systems to simulate various industrial scenarios. The workshop emphasized the importance of automation in enhancing operational efficiency, reliability, and safety in industries such as manufacturing, energy, and water treatment.

Workshop on Artificial Intelligence using MATLAB: This workshop focused on the application of artificial intelligence (AI) techniques using MATLAB, a powerful computing environment for algorithm development, data analysis, and visualization. Participants were introduced to fundamental AI concepts, including machine learning, neural networks, and deep learning. The workshop featured practical sessions where attendees used MATLAB's AI toolboxes to develop

and train models for tasks such as image recognition, data classification, and predictive analytics. Through interactive examples and projects, participants learned how to implement AI solutions to solve complex engineering problems. The workshop highlighted the growing significance of AI in various fields and equipped students with the skills to leverage MATLAB for innovative AI applications.

SPARK 2019- Event Schedule and Description:

SNo	Event Name	<i>Venue timings</i>	Abstract
1	Dance my Robot	C124, 11 am to 12:30Pm, Faculty Incharge Mr D.Kalyan	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	C324, 1:30 to 2:30Pm	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	C323. 2:30 to 3:30Pm	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)	C321B1, 3:30 to 5:30PM	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	DAY1 and Day 2 C124 Corridor	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	DAY1 and DAY 2 C324 corridor	Here aspirants can present their idea or project according to their research area through paper or poster.
7	Rectify with mind	C124 , DAY 2 10 to 11am	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.

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

The Department of Electrical and Electronics Engineering (EEE) at KL University (KLEF) has established a Memorandum of Understanding (MOU) with Energy Efficiency Services Limited (EESL). This collaboration aims to promote research, innovation, and knowledge exchange in the field of energy efficiency. The MOU facilitates joint projects, internships, and training programs for students, enhancing their practical skills and exposure to industry practices. This partnership underscores the department's commitment to advancing sustainable energy solutions and preparing students for successful careers in the energy sector.



Photo: MOU exchange between KLEF and EESL on 14-03-2019



Photo: Student Poster presentation review by Dr K Narasimha Raju on 15-03-2019



Photo: Sample certificate spark-2019

The paper clip highlights the successful conclusion of an event organized by the Electrical and Electronics Engineering (EEE) department. It mentions that a total of 300 students participated in various workshops, technical, and non-technical events. Cash prizes were awarded to winners in both technical and non-technical categories, and participation certificates were distributed to all attendees. The document includes a photograph of a certificate distribution ceremony during the valedictory session. Another image shows a newspaper clipping covering the event, detailing the participation of 400 students. The news coverage is acknowledged by Mr. D. Kalyan from the Technical Club (I/C EEE) and Dr. K. Narasimha Raju, Head of the EEE Department at KL University. The document emphasizes the recognition and success of the SPARK event by the media.


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


(Technical Club I/C EEE)
Mr. D Kalyan


HoD -EEE
Dr. K Narasimha Raju

Professor & Head
Department of EEE
KLEF Deemed to be University
Green Fields, Vaddeswaram,
GUNTUR Dt., A.P - 522 502



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

K I R F

(Koneru Lakshmaiah 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

Phones: 0863-2399999 FAX: 0863-2388999

SPARK -19

Student Events participation list

Event Description

Following students participated in SPARK technical events for the A.Y 2018-19

S.No	Student Id	Name	Sign
1.	150060111	Satya Pranav Akurati	Sprano
2.	150060112	S Abhishek Kumar	S. Abhishek Kumar
3.	160060001	A.Hrudaysai	Hrudaysai
4.	160060002	Akurathivelangini Raju	Akurathi
5.	160060003	A.k.priyanka	Priyanka
6.	160060004	Allu santhosh	Santhosh
7.	160060005	A.Madhuri	Akhila
8.	160060006	Akhila	Akhila
9.	160060007	ANNA AMARA SRINIVAS	Anna
10.	160060008	Annepu Chinna rao	Chinna Rao
11.	160060009	Anusha Merugu	Anusha
12.	160060010	ARIKATLA LEELA KAVINDRA SARMA	Leela
13.	160060011	A.Sirisha	Sirisha
14.	160060012	Bh. Sai Gargeya	Gargeya
15.	160060013	Eswar Reddy Bhimavarapu	Eswar
16.	160060014	BONAMSETTI MADHU	Madhu
17.	160060015	BOYINA KANAKA RAJA ASISH	Asish
18.	160060016	Akshaykumar	Kumar
19.	160060017	Chappidi Kiran manikanta	Kiran
20.	160060018	CHARAN TEJA KAMINENI	Kamineni
21.	160060019	Ch samyukthareddy	Samyuktha
22.	160060020	Ch Lakshmi Durga	Durga
23.	160060021	CHINTALAPUDI N V M SAI TEJA	Sai Teja
24.	160060022	Ch. Revanth Baba	Revanth
25.	160060023	CHUNDURU KAVITHA	Kavitha
26.	160060025	D. Naga abhilashreddy	Naga
27.	160060026	D. Tarak	Tarak
28.	160060027	D.swathi	Swathi
29.	160060028	Dunga Chetan Srinivasarao	Chetan
30.	160060029	G Seshasai Srikar	Srikar
31.	160060030	Gaddam nithin	Nithin
32.	160060031	G. SAI NIKHEEL	Sai Nikheel
33.	150060001	ADDEPALLI SAI PRIYANKA	Sai Priyanka
34.	150060002	AKKALA RATAN RAKESH	Ratan
35.	150060003	AKULA ANUDEEP	Anudeep
36.	150060004	AKURI GURAVA REDDY	Gurava
37.	150060006	ANNAPAREDDY CHANDRASEKHAR REDDY	Chandrasekhara

38.	150060007	ARAVAPALLY VIKAS	Vikas
39.	150060008	ASHISH KUMAR	Ashish
40.	150060009	ASHWANI	Ashwani
41.	150060010	AVULA SHASHIDHAR	Asa
42.	150060011	AVVARU JAI VASANTHA SAI KRISHNA	Gaitrikema
43.	160060105	PULIPATI SAI PAVAN KIRAN	Kiran
44.	170030034	ALLAPARAPU SANDEEP	Sandeep
45.	170060001	ADUSUMALLI V SAI PAVAN KUMAR	Kumar
46.	170060003	BAGAM SAI CHANDU	Chandu
47.	170060004	BETHANABOTLA MANOJ Koushik	Koushik
48.	170060005	BONTHULA MOHAN SAI	Mohan
49.	170060006	CH SUDEEPTI	Sudeepti
50.	170060007	CHADALAVADA LAKSHMI MANASA	Manasa
51.	170060008	CHERUKURI APARNA	Aparna
52.	170060009	DEBAJIT DUTTA	Debjit
53.	170060010	ELURU SARAVAN	Saravan
54.	170060012	GOODA SANDEEP	Sandeep
55.	170060013	GOVARDHAN MOGILI	G.Mogili
56.	170060014	GUDDANTI BHAVYA SREE	Bhavya
57.	170060015	GULIPALLI GANESH	Ganesh
58.	170060016	GUNTI DINESH	Dinesh
59.	170060019	JAMI SRINATH	Srinath
60.	170060020	JASTI DEVA SAI PAVAN KUMAR	Sai Pavan
61.	170060022	KADIYAM SAMEEKSHA	Sameeksha
62.	170060024	KALLI MOUNICA LAKSHMI	Lakshmi
63.	170060025	KAMIREDDY VEERENDRA REDDY	Reddy
64.	170060027	KANURI VENKATA SIVA SUMANTH	Sumanth
65.	170060028	KATARI SRAVANI PRIYA	Priya
66.	170060030	KORADA KARTHIK	Karthik
67.	170060031	M SATYARDHA PRAVASHIK	Pravashik
68.	170060032	MADA VIDYA KRISHNA SHARMA	Sharma
69.	170060033	MADANPALLY YASHWANTH REDDY	Yashwanth
70.	170060034	MALIGIREDDY GIRISH REDDY	Girish
71.	170060035	MOHAMMED AFROZ AHMED MUDDASSIR	Muddassir
72.	170060036	MUSINI SOMASANKAR	Somasankar
73.	170060037	MUTYLA VIKAS CHOWDARY	Vikas
74.	170060038	NALLA UDAYA KUMAR	Kumar
75.	170060039	NALLANI SAI MAHESH	Mahesh
76.	170060040	NIDUMOLU SUSEEL KUMAR	Kumar
77.	170060042	NUNNA SRINATH	Srinath
78.	170060043	PAGADALA BHAVANA	Bhavana
79.	170060044	PALETI PRUDHVI VENKATA SAI	Prudhvi
80.	170060046	PAPPU PRIYANKA	Priyanka
81.	170060047	POLASI VENKATA KIREETI	Kireeti
82.	170060048	PONDURI VISHNU SAI SREE	Vishnu
83.	170060049	PRATIMA SAI KRISHNA	Pratima
84.	170060051	RACHAMALLU SAI ROHAN REDDY	Rohan
85.	170060053	RANGINENI LOKESH	Lokesh

Technical Club I/c - EEE
Mr. D. KALYAN

HOD-EEE

(Dr. K. Narasimha Raju)
Professor & Head
Department of EEE
KLEF Deemed to be University
Green Fields, Vaddeswaram,
GUNTUR Dt. A.P - 522 502