



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.
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KLEF/EEE/Technical Club EEE /2019-20

Dt.05-03-2020

CIRCULAR

Sub: Conduction of Departmental fest "SPARK" by EEE Department on 5th and 6th March 2020 Communication – Reg.
Ref: Letter dt. 04-03-2020 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-2020" - A National Level Techno Fiesta on 5th and 6th March 2020. 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: Dr. M Kiran Kumar

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

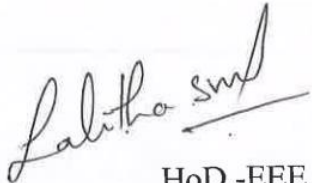
List of Technical Events are as follows:

Venue Timings Project Expo: C124 Lobby 11 AM to 1 PM
Paper Presentation: C322 11 AM to 1 PM
Poster Presentation: Venue: C324 11AM 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 inaugural session on 5th March 2020 at 10.00 a.m. in Sir C.V.Raman Hall (New Seminar Hall).



HoD -EEE

(Dr. S.M.N.L. Lalitha)
Professor & Head
Department of EEE
KLEF Deemed to be University
Green Fields, Vaddeswaram,
Guntur Dt., A.P., - 522 502.



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Report on SPARK-2020 -Techno-cultural Fest of Department

March 5-6, 2020

THE THEME:

People always focus on things which have instant impact just like fast food, t20 cricket, fast returns on money and much discussed current issue the corona virus which have an instant impact killing thousands on no time, but often overlook slow but more dangerous things like a chronic drug, global warming which have equal impact comparatively at slower pace. Also the issue of major concern that we are not very far for running short of power.

Even more electrical energy consumption is anticipated for warning bells given by Paris agreement and climate action summits which aim at net zero carbon emissions by 2050. Every productive sector including manufacturing, electronic industry, transportation any other industry will depend only on electrical energy.

Yes, sooner the world is going to witness the major Power Crisis. The only expert solution is the usage of renewable power. The countries like Iceland, Sweden, Costa Rica planned to be 100% renewable powered by 2050, and others like UK, Germany, Denmark, China and USA planned to meet major share of power consumption by renewable power and could reduce emissions by 80 percent. Our country is the first to setup a ministry for non-conventional and renewable energy and currently having 35.7% of total installed capacity of 366 GW from renewable sources and aims to increase it to 57% by 2027.

In this context the engineers have stood up for the cause. Mechanical and chemical engineers are making better storages, computer and electronic engineers making smarter equipment and we the electrical engineers could only take up the challenge of integrating Giga watts of power into the conventional grid.

Yet again yes the world is waiting for smart electrical engineers who could save it from power crisis. The coming years are going to be a great opportunity for electrical engineers, but to the surprise there is a downfall in admissions into electrical engineering in favor of IT industry, but I believe as a sine wave sees a crest soon after a trough so is the right time for electrical engineering to see its peak in near future. This urged us to have the theme for current edition of SPARK to be **RUN FOR RENEWABLE** to enlighten the students on challenges and opportunities in migrating to renewable power and lead the world.

EVENT SCHEDULE			
TECHNICAL EVENTS			
DAY-1 (05-03-2020)			
Event	Timings	Venue	Incharge
Registrations	9.00 AM - 9.30 AM	C Lobby	Mrs. D Sudha, Mrs. G Swapna
Inauguration	9.30 AM - 10.30 AM	Peacock Hall	Dr M Kiran Kumar
Tea break	10.30 AM - 11.00 AM	C Lobby	
Expert Talk on Global Renewable Energy Resources & their importance	11. 00 AM - 12.30 PM	Peacock Hall	Resourse person: sri ESS Sastry, certified solar specialist by skill council for green jobs govt of India
Lunch	12.30 PM- 1.30 PM		
Paper Presentation	3.30 PM -5.30 PM	C 322A	Dr A pandian
Device Cracking & Circuit Building	3.30 PM -5.30 PM	C 221B2	Mr. G R S Naga Kumar
Project Expo	1.30 PM - 4.30 PM	C124, C First floor Lobby	D Kalyan
Expert Talk on Grid tied solar PV design & Commissioning checks with respect to grid code	2. 00 PM - 3.30 PM	C 121	Resourse person: sri ESS Sastry, certified solar specialist by skill council for green jobs govt of India
Work Shop -PSIM for power electronics and Renewable energy - Session-1	3.30 PM - 5.30 PM	C 324	Resourse person- Mr. M Sai Krishna Reddy
Workshop- Artificial Intelligence tools for Green energy session-1	3.30 PM - 5.30 PM	C 524	Resourse person- Mr. KP Prasad Rao
Work Shop -Electronic sytems prototyping session-1	3.30 PM - 5.30 PM	C221B2	Resourse person- Mr. S Ravi Teja
Project Expo visit - Central evaluation team	1.30 PM - 2.30 PM	C124, C First floor Lobby	Mrs B Jyothi

PV-wind power plant visit -slot-1 - 2nd year & 3 rd year students	3.30 PM - 5.30 PM	EEE block & L block roof top	Resource person: Mr. D Seshi reddy
Project Expo visit - students	3.30 PM - 5.30 PM	C124, C First floor Lobby	Mrs B Jyothi
DAY-2 (06-03-2020)			
Idea Presentation	9.30 AM - 1.30 PM	C 322A	Dr. P Srinivasa Varma, Mr R B R Prakash
Technical Crosswords	9.30 AM - 1.30 PM	C 322B	Mr. P Siva Sankar
Work Shop -Augmented Reality Virtual Reality	9.30 AM - 1.30 PM	C 121	Resourse person- Mr. L Ranganath and Mr. Venkat
Work Shop -PSIM for power electronics and Renewable energy Session-2	9.30 AM - 1.30 PM	C 324	Resourse person- Mr. M Sai Krishna Reddy
Workshop- Artificial Intelligence tools for Green energy Session-2	9.30 AM - 1.30 PM	C 524	Resourse person- Mr. KP Prasad Rao
Work Shop -Electronic sytems prototyping session-2	9.30 AM - 1.30 PM	C221B2	Resourse person- Mr. S Ravi Teja
PV-wind power plant visit -slot-2 - 4th year and PG students	10.00 AM- 12.30 PM	EEE block & L block roof top	Resource person: Mr. D Seshi reddy
Lunch	1.30 PM - 2.30 PM		
Valedictory function	2.30 PM -3.00 PM	C121	Dr. M Kiran Kumar
NON TECHNICAL EVENTS (2 Days)			
Lan Gaming	Post lunch on first day till valedictory	Stall 1	Mr. Siva Reddy
Ice Bucket Challenge		stall 2	Mr. G G Rajasekhar
Land Gaming		Stall 3	Mr. T Vijay Muni
Money in the Box		Stall 4	Mr. M Sai Krishna Reddy
Non Technical Quiz		C221B1	Mr S Rajasekhar
CONTESTS			
Mr. & Mrs. SPARK-2020			
SPORTS			

Tug of war	05-03-2020 at 5 PM	OAT	Mrs. D Sudha
CULTURALS			
Culturals	3 PM - 6 PM on 06-03-2020	C 121	Mr. D Narasimha Rao Mr T Teja Sreenu



Inaugural Function:

- 09:15 A.M.** Welcoming dignitaries on to the dais
- 09:20 A.M.** Lighting of Lamp
- 09:25 A.M.** Prayer song
- 09:30 A.M.** Welcome Address by Dr. M. Kiran Kumar, Coordinator
- 09:35 A.M.** Address by Dr. S V N L Lalitha, HoD, EEE
- 09:40 A.M.** Address by Dr. K Subba Rao, Principal, College of Engg., KLEF
- 09:45 A.M.** Address by Dr. R R L Kantham, Registrar, KLEF

09:50 A.M. Address by Chief Guest Sri E S S Sastry, Certified Solar Specialist

09:55 A.M. Vote of Thanks by Mr. S S Vara Prasad, Co-Convener

10:00 A.M. Tea Break

Inaugural of the SPARK-2020 had a remarkable note with gracious presence of stalwarts in the field of electrical engineering and honorable dignitaries.

Sri ESS Sastry, certified solar specialist is invited as the Chief Guest for Inaugural function.

Dr. RRL Kantam, registrar, KL deemed to be University, Dr. K. Subbarao, Principal-COE, KLEF, Dr. SVN Lalitha, Conference Chair.

The highlights of the inaugural includes

- Welcome speech by Convener
- Insight into research activities of EEE department at KLEF by HOD-EEE
- Inspiring speech by Principal-CoE
- Appreciation by Registrar
- Chief guest address on job opportunities in Smart grid technology advancement
- Felicitation to Chief Guest
- vote of thanks for dignitaries by Student co-convener





Dr Kantam ,Registrar of KLEF speech at inauguration of spark2020



Falicitation to Chief Guest Sri E S S Sastry by Management of KLEF

Technical Events

Paper presentations and poster presentations highlighted the theme of event. Technical quiz, circuit building attracted by their promising technicality.



Picture : Paper presentations in SPARK 2020

Workshops

Four distinct workshops are well attended by students to enhance their thinking in the areas of MATLAB programming, PSIM , virtual and augmented reality are well appreciated by participants and are highly successful.



PV-WIND Power Plant visit

A special event organized to imbibe the core theme in to the young minds to disclose the practical knowledge in usage of renewable energy.



Project-Expo:

The project-expo by final year, third year and second year student has been the highlight of the event. It received appreciation, applaud and best appraisal by functionaries of the

university and chief guest. The best part are charging station, spectacles for differently abled, cooling system, robotic applications, inverters, arduino and rasp-berri based automation projects.



Picture : Project Expo guest visit to students projects

Non-Technical Events

Many games, aptitude building and entertaining events refreshed the participants and enhanced the personality of the students. Faculty were also actively involved and encouraged the participants. Refreshing games were also participated by faculty.

Valedictory Function:

Distinguished guest the Registrar, KL Deemed to be University addressed on conference proceedings and congratulated EEE department. Later the dignitaries felicitated registrar.

Student technical events coordinator outlined the achievements of GI team

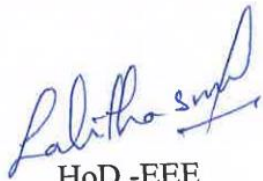
Prizes were distributed to all technical events and mementos were offered to to work shop resource persons and project evaluators

Finally convener offered vote of thanks to all those who are directly and indirectly contributed for successful conduction of SPARK-2020.



PICTURE: Appreciation to Project expo incharge Mr D Kalyan From Registrar KLEF


(Technical Club I/C EEE)


HoD -EEE
(Dr. SVNL Lalitha)
Dr. S.V.N.L. LALITHA
Professor & Head
Department of EEE
KLEF Deemed to be University
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
K I R F

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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	Spranav
2.	150060112	S Abhishek Kumar	S. Abhishek Kumar
3.	160060001	A.Hrudaysai	Hrudaysai
4.	160060002	Akurathivelangini Raju	ADa
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	Amara
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	Manikanta
20.	160060018	CHARAN TEJA KAMINENI	Kamineni
21.	160060019	Ch samyukthareddy	Ch. Samyuktha
22.	160060020	Ch Lakshmi Durga	Durga
23.	160060021	CHINTALAPUDI N V M SAI TEJA	Sai Teja
24.	160060022	Ch. Revanth Baba	Ch. Revanth
25.	160060023	CHUNDURU KAVITHA	Kavitha
26.	160060025	D. Naga abhilashreddy	Naga
27.	160060026	D. Tarak	Tarak
28.	160060027	D.swathi	D. Swathi
29.	160060028	Dunga Chetan Srinivasarao	D. Chetan
30.	160060029	G Seshasai Srikar	Srikar
31.	160060030	Gaddam nithin	Nithin
32.	160060031	G. SAI NIKHEEL	Sai Nikheer
33.	150060001	ADDEPALLI SAI PRIYANKA	Sai Priyanka
34.	150060002	AKKALA RATAN RAKESH	Ratan Rakesh
35.	150060003	AKULA ANUDEEP	Anudeep
36.	150060004	AKURI GURAVA REDDY	Gurava Reddy
37.	150060006	ANNAPAREDDY CHANDRASEKHAR REDDY	Chandrasekhara Reddy

35.	170060005	BONTHULA MOHAN SAI	Sai
36.	170060006	CH SUDEEPTI	Suamp
37.	170060007	CHADALAVADA LAKSHMI MANASA	ChhMan
38.	170060008	CHERUKURI APARNA	Aparna
39.	170060009	DEBAJIT DUTTA	Dutta
40.	170060010	ELURU SARAVAN	E.SARVA.
41.	170060012	GOODA SANDEEP	Gooda
42.	170060013	GOVARDHAN MOGILI	G.Mogili
43.	170060014	GUDDANTI BHAVYA SREE	Bh.Sree
44.	170060015	GULIPALLI GANESH	Ganesh
45.	170060016	GUNTI DINESH	G.Dinesh
46.	170060019	JAMI SRINATH	J.Srinath
47.	170060020	JASTI DEVA SAI PAVAN KUMAR	J.Deva
48.	170060021	JILUGU CHANDRASEKHAR REDDY	J.Chandra
49.	170060022	KADIYAM SAMEEKSHA	Sameeksha
50.	170060024	KALLI MOUNICA LAKSHMI	K.Mounica
51.	170060025	KAMIREDDY VEERENDRA REDDY	K.Veerendra
52.	170060027	KANURI VENKATA SIVA SUMANTH	K.Venkata
53.	170060028	KATARI SRAVANI PRIYA	S.Priya
54.	170060030	KORADA KARTHIK	K.Karthik
55.	170060031	M SATYARDHA PRAVASHIK	M.Pravashik
56.	170060032	MADA VIDYA KRISHNA SHARMA	M.Vidya
57.	170060033	MADANPALLY YASHWANTH REDDY	Yashwanth
58.	170060034	MALIGIREDDY GIRISH REDDY	Girish
59.	170060035	MOHAMMED AFROZ AHMED MUDDASSIR	M.Ahmed
60.	170060036	MUSINI SOMASANKAR	M.Somasankar
61.	170060037	MUTYLA VIKAS CHOWDARY	M.Vikas
62.	170060038	NALLA UDAYA KUMAR	N.Udaya
63.	170060039	NALLANI SAI MAHESH	Sai Mahesh
64.	170060040	NIDUMOLU SUSEEL KUMAR	N.Suseel
65.	170060042	NUNNA SRINATH	N.Srinath
66.	160060001	A.Hrudaysai	A.Hrudaysai
67.	160060002	Akurathivelangini Raju	Raju
68.	160060003	A.k.priyanka	Priyanka
69.	160060004	Allu santhosh	Santhosh
70.	160060005	A.Madhuri	A.Madhuri
71.	160060006	Akhila	Akhila
72.	160060007	ANNA AMARA SRINIVAS	A.Amara
73.	160060008	Annepu Chinna rao	A.Chinna
74.	160060009	Anusha Merugu	A.Merugu
75.	160060010	ARIKATLA LEELA KAVINDRA SARMA	L.Kavindra
76.	160060011	A.Sirisha	A.Sirisha
77.	160060012	Bh. Sai Gargeya	Sai
78.	160060013	Eswar Reddy Bhimavarapu	E.Reddy
79.	160060014	BONAMSETTI MADHU	B.Madhu
80.	160060015	BOYINA KANAKA RAJA ASISH	B.Kanaka
81.	160060016	Akshaykumar	Akshaykumar

(Technical club I/c - EEE)
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