



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

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KLEF/EEE/Technical Club EEE /2020-21

Dt.05-03-2021

CIRCULAR

Sub: Conduction of Departmental fest "SPARK-21" by EEE Department on 7th and 8th March 2021 Communication – Reg.

Ref: Letter dt. 05-03-2021 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-2021" - A National Level Techno Fiesta on 7th and 8th March 2021. 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: Mrs D Sudha

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: Mr Shajid Md, Contact No: 8332091749 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 8th March 2021 at 10.00 a.m. in Sir C.V.Raman Hall (New Seminar Hall)...

HoD -EEE
(Dr. J Somlal)

DR. JARUPULA SOMLAL
Professor & HOD
Department of EEE
KLEF Deemed to be University
Green Fields, Vaddeswaram,
Guntur Dt., A.P.-522 502..



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Report on SPARK-2021 -Techno-cultural Fest of Department 7th - 8 th March 2021

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 downfall in admissions into electrical engineering in fancy 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 (07-03-2021)			
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 (08-03-2020)			
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	Resource 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	Resource person- Mr. M Sai Krishna Reddy
Workshop- Artificial Intelligence tools for Green energy Session-2	9.30 AM - 1.30 PM	C 524	Resource person- Mr. KP Prasad Rao
Work Shop -Electronic sytems prototyping session-2	9.30 AM - 1.30 PM	C221B2	Resource 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-2021			
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 Shri K Arif Hafeez

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-2021 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.



PICTURE: Project Expo visit by Mr Arif Hafiz K

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



Picture: Dr LSS Reddy ,VC ,KLEF visiting Poster Presentation during SPARK

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.



PHOTO: 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-2021.



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



HoD -EEE
(Dr. J Somlal)

Dr. JARUPULA SOMLAL
Professor & HOD
Department of EEE
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
K L E F

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Green Fields, Vaddeswaram, Guntur District, Puggala, 522 502, Andhra Pradesh, INDIA

Phones: 0863-2399999 FAX: 0863-2388999

SPARK-21

Student Events participation list

Event Description

Following students participated in SPARK technical events for the A.Y 2020-21

S.No	Student Id	Name	Sign
1.	190060003	CHENNUPATI PRATHYUSHA	C. Prathyusha
2.	190060005	GUMMADI JYOSHNA	G. Jyoshna
3.	190060006	JADALA MANIKANTA	Manikanta
4.	190060007	K MD IKRAM	Ikram
5.	190060012	MUNNANGI HEMANTH	Hemant
6.	190060013	NARALA VENKATA MOHAN NIKHILESH REDDY	Nikhilesh
7.	190060014	PANYAM SHAJID	Shajid
8.	190060016	PULI VENKATA LOKESH	P. Venkatesh
9.	190060018	SEETHAMMAGARI RAKESH REDDY	S. Rakesh Reddy
10.	190060020	SHAIK JANI BASHA	Basha
11.	190060021	SUHAS AWASTHI	Suhas
12.	190060022	TAKKOLU SAINATH REDDY	Sainath
13.	190060023	YERUKONDA SREE KEERTHI	Sree Keerthi
14.	190060024	VEGINATI LOHITH SAI	Lohith Sai
15.	190060026	VEMPALLI MUGANNAGARI SANDEEP REDDY	V. Sandeep Reddy
16.	190060028	PAMI SETTY VENKATA KEDARNATH	P. Kedarnath
17.	190060029	KABALA SHIKATO KEKE	Keke
18.	190060030	VENKATA NAGA SAI POTHINA	V.N. Sai Pothina
19.	190060031	TAMBURA SURYA TEJA	Teja
20.			
21.	2000060020	CHINNU JOSEPH SAAMRAT GADI	C. John Samrat
22.	2000060017	KOTRAGANTI VENKATA NAGA BALAJI	K.V. N. Balaji
23.	2000060016	GUDAPATI KEERTHI	Keerthi
24.	2000060014	MALLOLU FINY SYAM	Finny
25.	2000060013	PALLA SAI KIRAN	Kiran
26.	2000060012	THUMULA KARTHEEK	Thumula
27.	2000060011	BUDDARTHI SHIVAKAR	B. Shivakar
28.	2000060010	VEMANA VENKATA JANARDHAN REDDY	V.V. Janardhan
29.	2000060007	Nakka Nagendra Kumar	N. Nagendra
30.	2000060004	DASARI SETHU HANSITHA	Hansitha
31.	160060135	SRI VARDHAN VEMULAPALLI	Sri Vardhan
32.	180060045	KAKUMANU LAKSHMI PRAPULLA KUMAR	K. Prapulla

33.	180060001	CHIMMITI KUSHWANT KUMAR	Kulm
34.	180060002	JETTY DESSY MARIYAN	J. Dessy Mar
35.	180060003	THIRUPATHI SAI AVINASH	Sai
36.	180060004	KALYAN KRISHNA KARUMURI	K. Karumuri
37.	180060005	SRIHARSHA MOTUKURI	M. Motukuri
38.	180060006	NALLAPATI SUPREETH VIRAT VARMA	N. Varma
39.	180060007	KARRI SUMANTH KUMAR	S. Kumar
40.	180060008	KARRI VAMSI	K. Vamsi
41.	180060009	BELLAMKONDA UMA SANKAR RAO	B. Sankar Rao
42.	180060011	ARASADA RAKESH	R. Rakesh
43.	180060012	SRIJA GOURAM	S. Gouram
44.	180060013	SANAPA SUMANTH PRAPULLA	S. Prapulla
45.	180060014	SYED RAHAMAT TABASSUM	S. Tabassum
46.	180060015	DALIPARTHY SAI PAVAN TEZ	D. Sai Pavan Tez
47.	180060016	POLDASU VINAY VARDHAN	P. Vinay Vardhan
48.	180060017	SATHA SUBBARAO	S. Subbarao
49.	180060018	KANCHARLAPALLI NAGARJUNA	N. Nagarjuna
50.	180060019	DHARA SAI VENKAT	D. Sai Venkat
51.	180060020	SHAIK SHOYAB ASLAM PASHA	S. Shoyab Aslam Pasha
52.	180060021	PREMA EPIL HEMBRAM	P. Hembram
53.	180060022	DADI TIRUMALA TARUN	D. Tirumala Tarun
54.	180060023	KAVURI SATYAVEER YASWANTH BALAJI	K. Satyaveer Yaswanth Balaji
55.	180060024	AINALA LAVANYA	A. Lavanya
56.	180060025	MEDA SAI VAMSI MANOJ	M. Sai Vamsi Manoj
57.	180060026	SHAIK JAFAR VALI	S. Jafar Vali

D. Kalyan
 (Technical club I/c - EEE.)
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