



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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Ref:KLEF/HOD-EEF/2022-23

Date:02-09-2022

CIRCULAR

Sub: Conduction of Professional Development Program on "Remote Experimentation for online hands on laboratory conduction"-Reg.

This is to inform that Department of Electrical & Electronics Engineering, KLEF, in association with IEEE Guntur Subsection is conducting an online Professional Development Program on "**REMOTE EXPERIMENTATION FOR ON LINE HANDS ON LABORATORY CONDUCTION**" for faculty members.

The inauguration of the event is scheduled on 3rd September, 2022 from 6.30 p.m. to 8.00 p.m. Detailed schedule of the event will be circulated to the participants after registration. Registration is free of cost.

Resource Person: Mr. Dasari Rama Krishna, CEO, E1ronics Pvt.Ltd., Vijayawada.

Registration Link: <https://events.vtools.ieee.org/m/238927>

Event Link: <https://ieeemeetings.webex.com/ieeemeetings/onstage/g.php?MTID=e3013345647d57d26386cdbf0807ece40>

Organizers: 1) Dr. S. V. N. L. Lalitha, Professor, EEE Department, Chairperson, IEEE Guntur Subsection
2) Mr. D. Kalyan, Asst. Professor, EEE Department
3) Ms. D. Sudha, Asst. Professor, EEE Department

In this regard, the Head of the Department encourage the faculty, students and research scholars to participate and get maximum benefit out of this.


HOD EEE

Dr. A. Pandian
Professor & Head
Department of EEE
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Green Fields, Vaddeswaram,
GUNTUR Dt., A.P - 522 502



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KLEF/ EEE/ IQAC - ACAD/ AQ.13/ Details of Professional Society Activities conducted (including Research clubs)-Report

Date:03-09-2022

REMOTE EXPERIMENTATION FOR ONLINE HANDS ON LABORATORY CONDUCTION

The resource person of this conference is MR.DASARI RAMAKRISHNA he completed his M.Tech form IIT Madras. He is the Founding CEO and Managing Director of Efftronics Systems Pvt. Ltd., established in 1985. He is instrumental in Efftronics growth and in positioning it as one of India's smart solutions company. Backed by rich R&D, Efftronics is now a leading provider of smart solutions for Railways signalling, Smart cities, Smart Buildings and Industries.

IEEE GUNTUR SUB SECTION AMARAVATI

IEEE HYDERABAD SECTION

Remote Experimentation

PDP for Enabling students to have hands-on laboratory practice from anywhere

efftronics
In provide insight for enhance

the learning is not complete so how the learning mechanism happens and how that is,

KL UNIVERSITY


Main objectives of conference:-

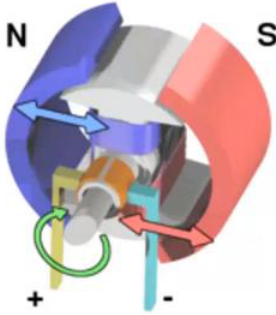
- 1) Learning through understanding various phenomena.

- 2) Use it in real world to improve quality of life.
- 3) Enable students to analyze individual cause-effect behavior by varying different input parameters and observe behaviors.
- 4) Enable students to look into composite behavior considering combination of cause-effect scenarios.
- 5) Create record of experiments for evaluation of learning.

The main theme of this conference is experiential learning is a learning through reflection on doing , focuses on the learning process of the individual. Few known experiments are practiced without actually understanding various scenarios, which does not add any learning to students.

DC Motor Behaviour





Variables	Observed Parameters
Field Current	Speed
Input Voltage	Efficiency
Load Torque	Temperature Raise
	Power

e@tronics
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This particular session on remote experimentation for online hands on laboratory conduction is a very interactive student gets to know the importance of practical's in real life. students who attended to this conference came to know that how they can explore and develop by themselves.

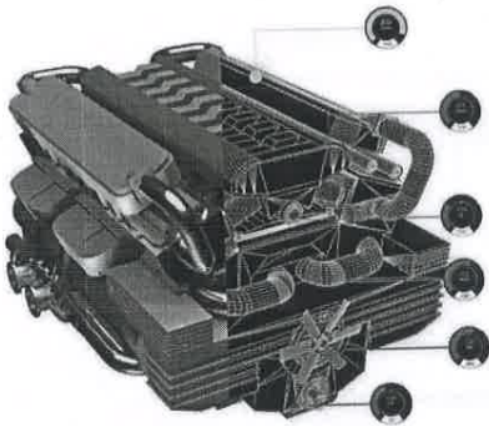
Outcomes of the conference:-

- 1) Remote experiment preparation
- 2) Remote controls
- 3) Remote measurements

4) Tabulate and analyze results

A part from this there are some more advantages and technical terms where the students are not aware are also discussed here one of the best example is "DIGITAL TWIN".

Digital Twin



“ A digital twin is a *virtual representation of a physical object or system* across its lifecycle, using real-time data to enable understanding, learning, reasoning and then assists in the decision making process

“ The digital twin is a *simulated digital model* that accurately represents a product, production process or the performance of a product or production system in operation


Source: Gartner Inc., USA, Siemens

electronics

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PSA Coordinator


Mr.D.Kalyan


HOD EEE
Professor & Head
Department of EEE
KLEF Deemed to be University
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2022-23 students participation-Remote Experimentation for online hands on laboratory conduction

S.NO	ID NO	Name of the student
1	2000060017	KOTRAGANTI VENKATA NAGA BALAJI
2	2000060016	GUDAPATI KEERTHI
3	2000060014	MALLOLU FINY SYAM
4	2000060013	PALLA SAI KIRAN
5	2000060012	THUMULA KARTHEEK
6	2000060011	BUDDARTHI SHIVAKAR
7	2000060010	VEMANA VENKATA JANARDHAN REDDY
8	2000060007	Nakka Nagendra Kumar
9	2000060004	DASARI SETHU HANSITH
10	2200060006	JONNADULA VISWANADH
11	2200060008	VADISELA PAVAN GANESH
12	2200060013	VEMULA SHANMUKHA SAGAR
13	2200060014	SHAIK SHOAB AHMED
14	2200060016	UNDI SATVIK
15	2200060017	BHOGYAM NAVEEN KUMAR
16	2200060018	MAACHIREDDY SUMAHITH
17	2200060019	HANOK REDDY ALETI
18	2200060038	Moise AGABA
19	2200060039	Amani Juma Malecela
20	2100060001	BANOTH SHIVA SHANKARA VARA PRASAD
21	2100060002	THARIGOPULA CHANDRASEKHAR REDDY
22	2100060003	SHAIK SHARUK
23	2100060004	PADILAM SAI RAM
24	2100060005	MOHAMMAD YASEEN
25	2100060006	MARRI NAVEEN
26	2100060007	GURRALA MANOHAR
27	2100060008	OLETI MAHA GOUTHAM
28	2100060009	M SHYAM SAI
29	2100060010	HRUSHITHA KALAPALA
30	2100060012	REDDI VENKATESH
31	2100060013	SIDDAMSETTI VENKATA ASHRITH
32	2100060014	Y BHAVITHA
33	2100060015	KATUPALLI HARSHAVARDHAN
34	2100060016	AJOY KUMAR DEY
35	2100060017	KABIKA MOSES
36	2100060018	ATUL JEE
37	2100060021	RIYAZ AHMMAD
38	2100060022	SHAIK IRFAN
39	2100060023	BANOTH NARESH
40	2100060024	NYIRANSENGIYUMVA ODETTE
41	2100060025	KARAMSETTI CHARAN DATTA SAI
42	2100060026	VENKATA CHANDRA SEKHAR KATAKAM
43	2100060028	MUWONGE PETER
44	2100060029	CHANDRA SEKHAR BARIK

45	2100060030	AZMEERA ANIL
46	2100060031	MEDA UMA SANTHOSH CHANDRA
47	2100060032	SHAIK NOWSHEEN
48	2100060034	KOLLI SUJAN
49	2100060036	CHAPALA ASLESH BABU
50	2100060037	KONDA JEEVAN KUMAR
51	2100060039	DHARAVATH LOKESH
52	2200060002	KOTTEY MAHESH BABU
53	2200060003	KESANAKURTHI BHARGAV PRAVEEN
54	2200060004	PENUMATSA RAM PRASAD
55	2200060009	PAPINENI SRILAXMI TRIVENI
56	2200060010	P BIKRAM KUMAR REDDY
57	2200060011	DASARI ARPITHA RECHAL
58	2200060012	KARNAM VISHAL
59	2200060020	YENUMULA TEJA ANKA VENKATA SUBRAHMANYAM
60	2200060021	POTLURI KAVYA SRI
61	2200060023	GOLLAPELLI GOLLAPELLI SANDEEP
62	2200060024	TATI VENKATA CHARITHA SREE
63	2200060025	PINNIBOYINA Sangeetha P
64	2200060026	Gopasani Komala
65	2200060027	Meghana Kasibhatla
66	2200060028	GANIPISETTI KUMAR SAI
67	2200060029	KETHAN CHAND CHIGURUKOTA
68	2200060030	VATTIKALA ASHALATHA
69	2200060031	All Homid Osman
70	2200060032	Sankuratri Prathima Chowdary
71	2200060034	RAJ KUMAR SHAH
72	2200060035	Bhuvan Bitra
73	2200060036	KALYAN BABU SUNKARA
74	2200060037	MOHAMMED BASHEER IBRAHIM
75	4156	Dr. A. PANDIAN
76	291	Dr. S.V.N.L LALITHA
77	1000	Dr. B. LOVESWARA RAO
78	2272	Dr. K.NARASIMHA RAJU
79	2463	Dr. J.SOMLAL
80	2465	Dr. B.JYOTHI
81	3939	Dr.P SRINIVASA VARMA
82	4264	Dr. M. KIRAN KUMAR
83	1418	Mr. D.SESHI REDDY
84	2131	Mr. R B R PRAKASH
85	2278	Mrs. K.SARADA
86	4666	Dr. G. G. RAJA SEKHAR
87	2847	Mr. T. TEJA SREENU
88	4051	MR. S. RAVI TEJA


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