



## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

**K L E 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

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**Tag: KLEF/EEE/ KLEF/ ECE/ IQAC - STUDENT/ SQ.3/ ACTIVITIES (Acad/ Extn)**

**TITLE: EEE DEPARTMENT ACTIVITY REPORT FOR THE MONTH OF Jan 2024**

Activity Name	Organised By	Date Of Conduction/Participation	Place Of Conduction	Number Of Students (EEE) /Faculty Participated
SIL activity - ATTINY based Embedded System Design in TinkerCAD	EEE	05-01-2024	C225	173/1
PLC programming Using Virtual Lab Platform	EEE	10-1-2024	C124	53/1
Republic Day 26 <sup>th</sup> Jan 2024- Awareness Activity	EEE	26-1-2024	C124	60/1

### 1. Republic Day Celebration

On the auspicious occasion of Republic Day, the 26th of January 2024, the Department of Electrical and Electronics Engineering (EEE) from KLEF Deemed to be University orchestrated a profound social service awareness campaign that spanned across the villages of Vaddeswaram and Kolanukonda. This initiative was not just a testament to the department's commitment towards societal welfare but also a platform to educate and engage with the rural communities about the significance of resource conservation and the essence of Republic Day.



The day was marked by a series of meticulously planned activities aimed at fostering a sense of responsibility and awareness among the villagers. Faculty members alongside enthusiastic student volunteers took the lead in orchestrating this event, ensuring a seamless execution of the planned activities. Their interaction with the villagers was not limited to mere conversations; it extended to delivering impactful speeches that highlighted the dual theme of the day - celebrating the Republic and emphasizing the critical need for resource conservation.

The speeches delivered were not just informative but also reflective of the deep-rooted cultural values and the constitutional importance of Republic Day. The faculty and volunteers skilfully intertwined the message of patriotism with the practical implications of conserving resources, thereby resonating with the villagers on multiple levels. It was a moment of pride and enlightenment for many, as they were reminded of their duties towards the nation and the environment.



Moreover, the campaign was not just about speeches and interactions. It was a holistic effort to engage with the community, understand their challenges, and offer sustainable solutions that could be integrated into their daily lives. The volunteers shared insights on simple yet effective resource conservation techniques, emphasizing the impact of



collective action. This initiative also served as a learning experience for the students, offering them a firsthand glimpse into the challenges faced by rural communities and the importance of sustainable living practices.



The success of the campaign could be attributed to the meticulous planning and the heartfelt participation of all those involved. The faculty members, with their experience and wisdom, guided the students in making meaningful contributions to the community. The students, on their part, showcased remarkable enthusiasm and commitment, bridging the gap between knowledge and action. The villagers, touched by the efforts of the KLEF EEE department, showed keen interest in the teachings, expressing their gratitude and willingness to adopt more resource-efficient practices.

This social service awareness campaign by the EEE department of KLEF Deemed to be University on the 26th of January 2024, thus, stood out as a beacon of hope and change. It highlighted the university's role not just as an educational institution but as a catalyst for social transformation. The event was a reminder that education, when extended beyond the confines of classrooms and textbooks, has the power to enlighten, empower, and effectuate tangible changes in society. It was a day that celebrated the spirit of Republic Day, emphasizing not just the rights but also the responsibilities that come with freedom. Through this campaign, the EEE department effectively laid down a foundation

for a more aware, responsible, and sustainable future, making it a memorable and impactful Republic Day for the villages of Vaddeswaram and Kolanukonda.

Following faculty took part in organising the student event, HoD-EEE Dr A Pandian, Dr P Srinivas Varma, Dr B Jyothi, Dr Swapna and Mr Bhanu Prakash with a team of 40 students from Y22 and y21 batch, total 28 students organised the event in two villages.

#### Y22 students List

Student Name	ID NO	Event Venue
K.Mahesh babu	2200060002	kolanukonda
K.Bhargav Praveen	2200060003	kolanukonda
M.Sumahith	22000600018	kolanukonda
Y.Venkata subramanyam	2200060020	kolanukonda
Kalyan Babu	2200060036	kolanukonda
B.Devender	2200069010	kolanukonda
M.Neha	2200069015	vaddeswaram
G.Nalini	2200069020	vaddeswaram
K.Koteswara rao	2200069021	kolanukonda
K.vinay Kumar	2200069061	kolanukonda
M.swetha sri	2200069062	vaddeswaram
L.Vidhya sagar	2200069073	kolanukonda

#### Y21 EEE students List

STUDENT NAME	ID NO	Event Venue
S Venkat Ashrith	2100060013	vaddeswaram
Shaik.Nowsheen	2100060032	vaddeswaram
G.Divya Teja	2100069005	kolanukonda
K.Padmavathi	2100069031	kolanukonda
G.Lohitha lakshmi	2100069056	kolanukonda
P.Swarna latha	2100069069	vaddeswaram
A.sireesha	2100069070	kolanukonda
P.sampath	2100069026	kolanukonda
M.Subash	2100069046	vaddeswaram
K.Tarun Datta	2100069034	vaddeswaram
P.pavan gopal	2100069004	kolanukonda
T kumar swamy	2100069003	kolanukonda
E.Venkatesh	2100069021	kolanukonda
M.Hrutesh Ram	2100069018	kolanukonda
J.srinivasulu	2100069044	vaddeswaram
G. Sharath kumar	2100069068	vaddeswaram

#### 2. SIL event of EEE in the month of Jan2024

As a part of academic requirement and encouraging peer learning ,Social Immersive events are organised PLC programming Using Virtual Lab Platform and SIL activity - ATTINY based Embedded

System Design in TinkerCAD on 5<sup>th</sup> jand and 10<sup>th</sup> Jan 2024. Mr Somashekar and Mr Sumahith from Y22 EEE department acted as resource person and Mr D Kalyan acted as mentor.

As part of the academic curriculum and to foster peer learning, the Electrical and Electronics Engineering (EEE) department at our institution organized two significant social immersive events in early January 2024. The first event, focused on PLC (Programmable Logic Controller) programming, was held on the 5<sup>th</sup> of January using a Virtual Lab Platform. This session aimed to provide hands-on experience in PLC programming, a crucial skill in industrial automation and control systems. The second event, centered around ATTINY-based Embedded System Design, took place on the 10<sup>th</sup> of January using the TinkerCAD platform. This workshop was designed to introduce students to the fundamentals of embedded system design, a key area in electronics and communication engineering. Both events were structured to enhance technical skills through practical, interactive sessions.

The successful execution of these workshops was made possible by the contributions of Mr. Somashekar and Mr. Sumahith from the Y22 batch of the EEE department, who served as the resource persons for these events. Their expertise and hands-on approach in guiding the participants through the complexities of PLC programming and embedded system design were instrumental in achieving the objectives of these sessions. Mr. D Kalyan, acting as the mentor, provided valuable oversight and support throughout both events, ensuring a conducive learning environment for all participants. These events not only met the academic requirements but also significantly contributed to peer learning and skill development among students.

#### Student List of participation for PLC programming Using Virtual Lab Platform

1	2200010119	AKASHI AVANTHIKA	BT
2	2200010156	MUPPANA KRISHNA PRANEETHA	BT
3	2200029016	VEERLA ASHOK KUMAR	CE
4	2200030084	MATTA MOHAN SAI	CSE
5	2200030165	ARTHIMALLA JITHENDRA KUMAR	CSE
6	2200030264	KANTHETI SRI SAI UDBHAV	CSE
7	2200030357	YADAGINI CHARISHMA SATYA DHANASRI	CSE
8	2200030465	UPPALAPATI SIVANI	CSE
9	2200030599	KARUMANCHI VYSHNAVI	CSE
10	2200030856	YASWANTH LAGISETTY	CSE
11	2200030940	NAGISETTI GOWTHAM SATYA SAI	CSE
12	2200030994	KANTIPUDI DATTA SIVA SUDARSHAN CHOWDARY	CSE
13	2200031049	KOLLU VENKATA MANIKANTA VARMA	CSE
14	2200031197	MUNAGALA PUJITHA	CSE
15	2200031361	PENUGONDA VEERA VENKATA NAGA SAI DINESH	CSE
16	2200031456	THAGIRISA RAMYA SRI	CSE
17	2200031528	SIMHADRI SIDHA GANESH	CSE
18	2200031619	AKURATHI CHINNA SIVANNARAYANA	CSE
19	2200031703	GELLA YASHWANTH ADITYA	CSE
20	2200031722	KOLA BHARGAV	CSE
21	2200031774	PATIBANDLA ANEESH	CSE
22	2200031917	CHATAKONDA VENKATA SAI KUSHAL	CSE
23	2200032071	CHALLA SAHASRA REDDY	CSE
24	2200032432	VENKATA SATYA SRIKAR PARVATHA	CSE

25	2200032512	UPPU SHASHANK	CSE
26	2200032607	GURRAM CHANDRAKANTH SUMITH	CSE
27	2200032620	YARRA VENKATESWARLU	CSE
28	2200032777	CHINTHAPATLA SIDDHARTHA	CSE
29	2200033143	AVULA VENKATA HAREESH YADAV	CSE
30	2200033204	BOJJA HEMANVITH	CSE
31	2200033303	THIPPARAMALLI PRADEEP SAGAR	CSE
32	2200039079	GELLA ANAND BABU	CSE
33	2200039138	BOLLA BHUVAN	CSE
34	2200040277	UNDAVALLI LALITHA SINDHURI	ECE
35	2200040293	VYSHNAVI MUCHARLA	ECE
36	2200040348	SWAMY MANIDHEERAJ	ECE
37	2200049115	POLI SAMATHA	ECE
38	2200049165	DABBARA LAKSHMI SAHITHI	ECE
39	2200050049	KETHARI KARTHIK	ECS
40	2200060020	YENUMULA TEJA ANKA VENKATA SUBRAHMANYAM	EEE
41	2200060036	KALYAN BABU SUNKARA	EEE
42	2200069013	THORLAPATI VIJAY KUMAR	EEE
43	2200069014	MAJETI NAGA NAVEEN KUMAR	EEE
44	2200069043	SRINIVAS RAHUL RAJ MALOTH	EEE
45	2200069046	SEKHARAPALLI VISHNU VARDHAN	EEE
46	2200069052	TARUN BOYA	EEE
47	2200069065	BANOTH JAYANTH	EEE
48	2200069073	KARI MADHU SHALINI	EEE
49	2200069075	DOMMETI TEJA KUMAR	EEE
50	2200070002	BORA SAI GOWTHAM REDDY	ME
51	2200080184	MUNAGALA PAVAN TEJA	AI&DS
52	2200090064	DANTALA VENU BABU	CSIT
53	2200100019	BARMA SUNIL	IOT

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