



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

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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 Feb 2024

Activity Name	Organised By	Date Of Conduction/Participation	Place Of Conduction	Number Of Students (EEE) /Faculty Participated
Labview Programming Fundamentals	EEE	02-02-2024	C124	59/1
Hands on Skill Development using Vega Board	EEE	21st,22nd ,28th and 29th Feb 2024	C124	40/1
Challenges and Opportunities of Deep tech Startups	EEE	28-2-2024	C122	60/1
Fire safety Awareness	EEE and CEA	14-2-24	Nutakki village	16/1
Organ Donation Awareness	EEE and CEA	29-2-24	Gundimeda Village	12/1

1. SIL event- Labview Programming Fundamentals

The event aimed to provide a comprehensive understanding of National Instruments Certified LabVIEW Associate Developer (NI CLAD) programming through a social immersive learning approach. Attendees were introduced to the significance of NI CLAD, engaged in hands-on experiences with practical simulations, and gained insights into its applications across diverse industries.



Event Highlights:

1. Skill Enhancement through Social Immersive Learning:

- The event adopted a social immersive learning approach, fostering active participation and collaboration among attendees.
- Participants were encouraged to share their experiences and insights, creating a dynamic learning environment.

2. Introduction to NI CLAD and its Importance:

- The organizers delivered a detailed presentation on the fundamentals of NI CLAD, emphasizing its role in developing certified LabVIEW skills.
- Importance of NI CLAD in the context of industry standards and career development was highlighted.

3. Hands-On Experience and Simulation:

- Each participant was provided with a laptop to ensure a hands-on learning experience.
- Practical simulations were conducted, allowing attendees to apply theoretical knowledge in real-world scenarios.
- Guided by experienced instructors, participants engaged in interactive exercises to reinforce their understanding of NI CLAD concepts.

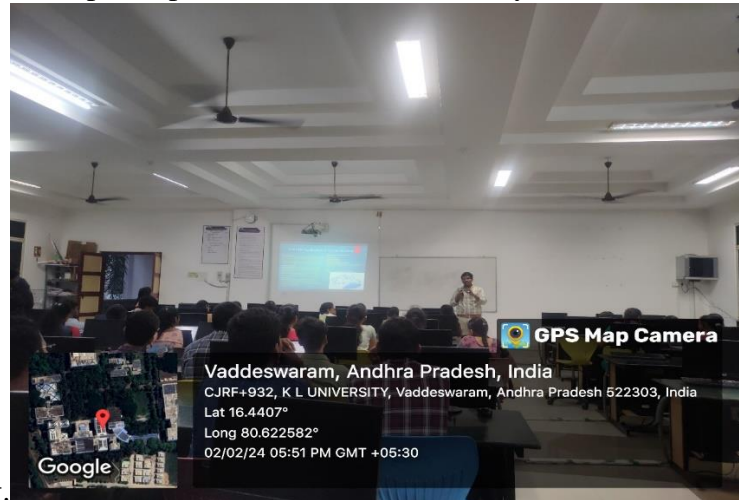
4. Organizer Guidance:

- Organizers were actively involved in guiding participants throughout the event.
- Clear and concise explanations were provided, ensuring that participants grasped the nuances of NI CLAD programming.

5. Laptop Distribution:

- Laptops were provided to all attendees, facilitating a seamless hands-on learning experience.

- This initiative aimed to remove barriers to participation and ensure that every student had the necessary



tools for effective learning.



- Live experiments were conducted to demonstrate the practical application of NI CLAD in solving real-world problems.



LIST OF STUDENT EVENT ORGANIZERS:

1. P.SOMASEKHAR [2200069033] Resource person
2. K.SAI SREENIVAS[2200069018]
3. SMD.FAROOQ ALI [2200069025]
4. EPURI. SAI SHASHANK [2200069003]
5. P. AEKANTH [2200069004]

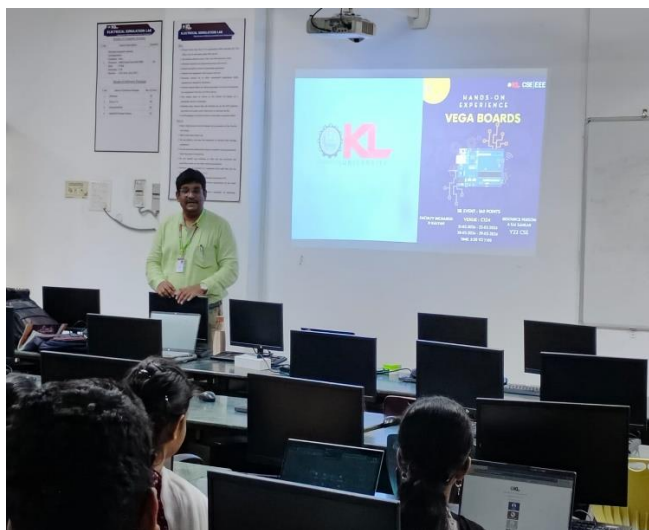
6. SALAR KHAN [2200069019]
7. SAI SHANKER [2200031859] CSE
8. G. NALINI [2200069020]
9. M.SWETHA [2200069062]
10. V GAYATRI [2200069063]
11. M.SATWIKA [2200069064]

2. Hands on Skill Development using Vega Board:



EEE Department in association with CSE has organised Social Immersive Learning on Hands on workshop with VEGA BOARDS to make students skilful in using program skills with embedded learning. Event organisers are Mr Sai Sankar Y22 CSE and Mr Somashekar Y22 EEE student.

Event organised in 4 days 21st ,22nd , 28th and 29th Feb 2024 in C124 from 5:30 pm to 7Pm . Total 40 students registered from CSE,EEE,AI&DS and ECE departments.



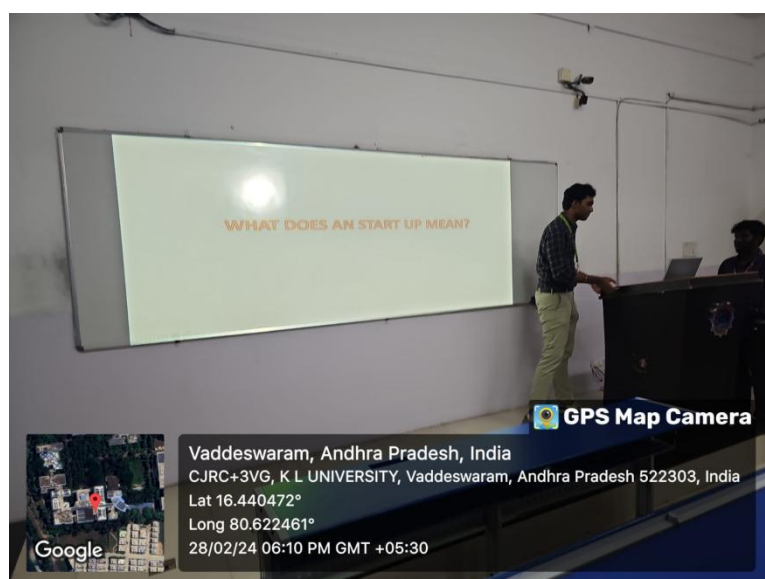
3. Challenges and Opportunities of Deep tech Startups:

Deep tech startups are companies founded on breakthrough scientific or engineering innovations. These startups are focused on developing and commercializing cutting-edge technologies such as artificial intelligence, biotech, quantum computing, and advanced materials. They often tackle complex problems and aim to create substantial, positive impacts on industries and societies. Deep tech startups require a high level of expertise and are built on pioneering research and development

The emergence of deep tech startups has heralded a new era of innovation, leveraging advanced scientific and engineering breakthroughs to address complex societal challenges. These startups are characterized by their focus on cutting-edge technologies such as artificial intelligence, quantum computing, biotechnology, and advanced materials. Unlike traditional tech startups, deep tech ventures often require longer development cycles, extensive R&D efforts, and significant capital investment.

Their disruptive potential lies in their ability to create solutions that were previously deemed unattainable, ranging from personalized medicine to sustainable energy solutions. Deep tech startups often collaborate closely with research institutions and academia, bridging the gap between scientific discoveries and commercial applications. As they navigate the intersection of science and entrepreneurship, they play a

pivotal role in shaping the future of technology and driving meaningful impact across diverse industries.



EVENT ORGANISERS:-

S Kalyan [Resource person]	2200060036
K Mahesh [Event Incharge]	2200060002
K Bhargav[Event Incharge]	2200060003
Sh Shoaib [Event Incharge]	2200060014
U Satvik [Event Incharge]	2200060016
M Sumahith [Event Incharge]	2200060018

List of students who participated	
2200030059	KAPPALA KARTHIK
2200030161	MARRI JOHN KEVIN
2200030188	SARANALA VEENA BHARGAVI
2200030365	GUNJA DURGA RAO
2200030401	MOHAMMAD SHAYAN AHAD

2200030407	KOLAKALURI BHAVYA SRI
2200030520	POTLURI JAHNAVI
2200030608	BALINA DIVYA SRI
2200030655	PARCHURU SATWIK
2200030739	GADI BHUVANESH
2200030991	BOPPANA DEVI PRAVALLIKA
2200031190	NARAGAM GNANA DEEPIKA
2200031494	VELICHETI VEERENDRA SIVA RAMA KRISHNA SAI
2200031694	KANAMARLAPUDI HASITHA
2200031866	NUNNA KESAVA KRISHNA
2200031868	NERETI SAI THRIVEDH
2200031886	NERETI SAI VENKATA KOMAL
2200032011	VENKATA SATYA RAM KARTIK AKULA
2200032144	VEMANA UDAY KUMAR REDDY
2200032162	PASUPULETI CHARANRAJ
2200032244	KORADA RAHUL DINESH
2200032251	ARVAPALLI GREESHMANATH
2200032433	VANTAKU PRUDVI RAJ
2200032626	PALAGANI PRANAY
2200032633	PEELA VASUNDARA
2200032679	KADAMBALA GUNASHREE
2200032705	PENUMUDI SREEJA
2200032743	REDDY GARI SHIVA THARAK REDDY
2200032765	MUTYAM SHIVANI GANGA
2200032782	SYED SOPHIYA
2200032807	KAMBAM TEJASWINI REDDY
2200032860	ADURI ADITHYA CHARAN
2200032872	GOLTHI SAI NOOKA SANDEEP
2200032907	BHARATHI P
2200032921	KAMBHAMPATI CHIRANMAI
2200033047	SANGAVAR GANGARAJ
2200033293	KAMMILI JAYA SURYA
2200040036	RUCHITA SAI SRIJA
2200050017	VELUGOTI SANDEEP SANKAR
2200050041	KONGARA HARSHA VARDHAN
2200080050	SANAKKAYALA SREE KRISHANA
2200080066	GOTTAPU SAI BHANU PRASAD
2200080128	YARRABOTHU POOJA
2200080139	M V S SAI PRATAP
2200080166	THALLADA CHAKRI
2200080208	KOTYADA SAI CHAITANYA
2200080216	KONASANI TEJA MAHESWARA REDDY
2200089031	KARLAPUDI KAMALNAYAN
2200090009	YENUGULA HARSHA BHARGAV

2200090017	PACHAVA HARI KRISHNA
2200090047	KAKARLA VARA PRASAD
2200090129	KANDULA PREETHI SRI
2200090209	SRI VENKAT CHAPA
2200100006	CHAKKA ROHITHA
2200100012	KANTE SRIJA
2200100015	SHAIK RESHMA
2300040184	SEERA PRADEEP

4.Fire Safety Awareness Event Report:

On February 14, 2024, the Safety Awareness Committee (SAC) orchestrated a comprehensive Fire Safety Awareness event at Nutakki, dedicating four hours to cultivating a heightened sense of safety and knowledge within the community. The event aimed to empower participants with both theoretical insights and practical skills, ensuring they could respond effectively to fire-related emergencies.

Agenda:

i. Introduction to Fire Safety:

a. Overview of the Importance of Fire Safety:

The event commenced with a detailed exploration of the critical importance of fire safety. Attendees were sensitized to the potential devastating consequences of overlooking safety measures, emphasizing the role each individual plays in creating a secure environment.

b. Common Causes of Fires in Homes and Workplaces:

Engaging discussions unfolded around common fire triggers, ranging from electrical malfunctions to the mishandling of flammable materials. Real-world examples were shared to underscore the relevance of understanding these causes for effective prevention.

ii. Fire Prevention Measures:

a. Proper Use of Electrical Appliances:

Expert speakers provided practical guidance on the responsible use of electrical appliances. Topics included strategies to prevent overloading circuits, recognizing faulty wiring, and adopting preventive measures to mitigate the risk of electrical fires.

b. Safe Storage of Flammable Materials:

In-depth insights were shared on the safe storage of flammable materials, stressing the importance of designated storage areas, proper labelling , and adherence to safety protocols to minimize potential fire hazards.

c. Regular Maintenance of Fire Safety Equipment:

Participants were educated on the significance of routine checks and maintenance for fire safety equipment. This encompassed smoke detectors and fire extinguishers, ensuring their optimal functionality when needed most.

iii. Emergency Evacuation Procedures:

a. Demonstrations on Effective Evacuation Techniques:

Certified fire safety professionals orchestrated live demonstrations, showcasing effective evacuation techniques. Attendees were guided through the importance of orderly and swift evacuations during emergency scenarios.

iv. Fire Extinguisher Training:

a. Hands-on Experience with Different Types of Fire Extinguishers:

Participants actively engaged in hands-on exercises with various types of fire extinguishers, under the guidance of certified professionals. The PASS technique (Pull, Aim, Squeeze, Sweep) was meticulously explained and practiced to ensure proper usage.

b. Explanation of When and How to Use Them:

Clear and detailed explanations were provided regarding the appropriate circumstances for using different types of fire extinguishers, as well as the step-by-step process involved in their effective utilization.

c. Practical Demonstrations:

Practical demonstrations delved into the proper use of fire blankets and emergency exits, offering participants a well-rounded understanding of additional fire safety measures beyond extinguisher usage.

d. Practical Exercises:

Participants actively engaged in simulated fire evacuation drills, reinforcing emergency evacuation procedures and enhancing their preparedness. Fire extinguisher training sessions provided a controlled and supervised environment for participants to gain invaluable hands-on experience.

Participant Details:

2100069074 – Surla Murali
2100069075 – K. Lokesh
2100069022 – Bhasker
2100069006 – Harsha
2100069082 – Lokesh Kumar
2100069026 – Sampath
2100069029 – K. Sandeep
2100069034 – Tarun Datha
2100069071 – M. Ajay Kumar
2100069050 – Pavani
2100069052 – Vara Lakshmi
2100069053 – Sumalika
2100069069 – P. Swarna Latha
2100069045 – Teja
2100069009 – A. Pavan Kumar
2100069046 – Subhash



5 ORGAN DONATION AWARENESS RALLY IN CHIRRUVURU VILLAGE

Date: February 29, 2024

Location: Chirruvuru Village

Organized by: KL EEE Students and CEA

On February 29, 2024, a significant event took place in the rural village of Chirruvuru, orchestrated by the dedicated students of KL University. This event aimed to raise awareness about organ donation, a topic often overlooked in rural communities.

The Organ Donation Awareness saw enthusiastic participation from both the sides alike. Sporting vibrant banners and engaging in lively discussions, we effectively communicated the importance of organ donation and its potential to save lives. And we also provided essential information about the process of organ donation, dispelling myths and misconceptions that often surround the topic.

Throughout the rally, we engaged with villagers, addressing their concerns and clarifying any doubts they had about organ donation. We emphasized the impact a single organ donation could have on numerous lives, emphasizing the noble act of giving the gift of life even after death.



The event concluded on a positive note, with many villagers pledging to register as organ donors and spread awareness within their community. The Organ Donation Awareness Rally in Chirruvuru proved to be a successful endeavor in bridging the gap between rural communities and the vital concept of organ donation, ultimately paving the way for a brighter future with increased participation in this life-saving cause.

Participants

2100069006-M.HARSHA VARDHAN
2100069026-P.SAMPATH
2100069071-M.AJAY KUMAR
2100069034-K.TARUNDATTA
2100069052-K.VARALAKSHMI

2100069053-B.SUMALIKA
2100069039-C.INDU
2100069044-J.SREENIVASULU
2100069022-P.BHASKAR ARO
2100069075-K.LOKESH
2100069082-LOKESH KUMAR
2100069068-G.SHARATH

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