



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 8646 - 350 200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

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Ref: KLEF/RO/Skill Development/2023-24

25/11/2023

Orders of the Hon'ble Vice-Chancellor

CIRCULAR

Sub: Workshop on Development of Prototypes (Small Devices Fabrication using IoT) - Outreach activity organized at ZPH School, Nallapadu - Communication - Reg.

Ref: Letter dt. 25-11-2023 from Ms. Keya Sarkar, Faculty Coordinator.

This is to inform that as part of the Skill Development initiative, a workshop on "Development of Prototypes (Small Devices Fabrication using IoT)" will be organized at ZPH School, Nallapadu. This program is designed to provide hands-on experience in IoT device fabrication, encouraging innovation and practical skills among students.

Date: 27.11.2023 (Monday)

Timings: From 10:00 AM

Venue: ZPH School, Nallapadu

Area of Activity: Skill Development

Faculty Coordinator: Ms. Keya Sarkar

Participants list: <https://forms.gle/NZd9FSZj3jR5j8A29>

All Deans, Principals, HoDs, and functionaries of KLEF are requested to support and encourage participation from their respective departments, ensuring the success of this skill development workshop.



REGISTRAR
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Workshop on Development of Prototypes (Small Devices Fabrication using IoT)

Date : 27.11.2023 (Monday)

Timings: From 10:00 AM

Venue : ZPH School, Nallapadu

OBJECTIVE

The objective of the workshop on *Development of Prototypes (Small Devices Fabrication using IoT)* is to equip students with foundational knowledge and hands-on skills in Internet of Things (IoT) device fabrication. Through this activity, students will learn the process of developing functional small-scale prototypes, fostering innovation, and building technical expertise in IoT applications for rural development.

DESCRIPTION

This outreach workshop, organized under the Skill Development initiative at ZPH School, Nallapadu, on 27th November 2023, will be led by Faculty Coordinator Ms. Keya Sarkar. The session will engage 140 student participants in an interactive learning environment where they will explore the fundamentals of IoT, the process of prototype development, and practical applications for rural communities. Participants will work in teams to conceptualize and fabricate small IoT-enabled devices, gaining practical experience with sensors, microcontrollers, and communication modules. The workshop will highlight the potential for IoT solutions to address challenges in rural areas, aiming to inspire students to apply their technical skills to make a positive community impact.

OUTCOMES

1. **Enhanced Technical Knowledge:** Participants will gain foundational skills in IoT and prototype development, learning how to use various electronic components and sensors to create functional devices.
2. **Hands-On Fabrication Experience:** Students will experience the end-to-end process of device fabrication, from concept to prototype, enabling them to understand the practical aspects of IoT applications.
3. **Innovation and Problem-Solving Skills:** By developing devices with a focus on rural applications, students will strengthen their problem-solving skills, learning to identify and address real-world challenges.
4. **Encouragement of Community-Oriented Solutions:** The workshop will foster a sense of social responsibility, motivating participants to use technology to create solutions that benefit rural areas.
5. **Improved Teamwork and Collaboration:** Working in teams to build prototypes will enhance students' collaboration and communication skills, preparing them for future projects and professional endeavours in technology and engineering fields.



ZPH School, Nallapadu students participation in Workshop on Development of Prototypes
(Small Devices Fabrication using IoT)



ZPH School, Nallapadu students Participation in Workshop on Development of Prototypes
(Small Devices Fabrication using IoT)

Participated Students List:

S.No	ID Number	Name of the student	Branch
1	2200530066	BIRUNGI MARIAM NALUKENGE	B.Pharmacy
2	2100530018	AMANYA WYCLIFE	B.Pharmacy
3	2000530061	SSEKIKUBO RONALD	B.Pharmacy
4	2000530039	MICHAEL LAMECK SAGUDA	B.Pharmacy
5	2100530016	IVAN OKURUT	B.Pharmacy
6	2200560285	JOHN PEACE ANDREW	BBA
7	2000530037	KAREKEZI ANNIE	B.Pharmacy
8	2000530030	ISHIMWE AIMEE DIVINE	B.Pharmacy
9	2300090245	TATHIREDDY VEDHA VATHI	B.Tech. CS&IT
10	2100010006	NAGA ROOPASREE KOLLURU	B.Tech. BT
11	2100030059	BOBBA REVATHI	B.Tech. CSE
12	2200030615	VYSYARAJU SAHITHI	B.Tech. CSE
13	2300090288	VENPA VARSHITHA	B.Tech. CS&IT
14	2300070014	SHAIK FAYSAL HUSSAIN	B.Tech. ME
15	2300560030	YALAKALA GNANA PURNA CHANDAR	BBA
16	2200570027	VAHINI REDDY	BBA-LLB
17	2200080101	PITHANI SURYA TEJA	B.Tech. AI&DS
18	2000530078	ALWALEED ABDELGADIR MOHAMMDNOUR ADAM	B.Pharmacy
19	2100030783	PRANAY CHOWDARY KOMMINENI	B.Tech. CSE
20	2000530058	SETRIDAH KAPONDE MUNAKABAYO	B.Pharmacy
21	2000530043	NCHIMUYA MUTINTA CHIWELE	B.Pharmacy
22	2300010108	SIKHAKOLLU VARSHA	B.Tech. BT
23	2300031815	KONIKINENI SAMRITI	B.Tech. CSE
24	2200080173	PANEM SRAVYA	B.Tech. AI&DS
25	2200620125	BITRA.JESWITHA JESWITHA BITRA	B.Sc. Ag.
26	2110040081	KUDUMULA SIVA JYOTHI	B.Tech. ECE
27	2300020013	PINREDDY SHIVARAM REDDY	B.Tech. CE
28	2300560234	Philip Bass	BBA
29	2300030617	SHAIK ALTAF	B.Tech. CSE
30	2320030054	BETHAMCHERLA NITHYA SREE	B.Tech. CSE
31	2200031202	VOBBINA VAMSI	B.Tech. CSE
32	2200530067	SUJEET KUMAR K	B.Pharmacy



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