



**Technical Workshop on  
"Embedded Systems, Smart Sensors for IOT Applications"  
27 May 2019  
In Association with IETE Vijayawada Chapter  
Venue: R106**

### **Objective**

The main objective of the technical workshop is for speedy upgradation and incorporation of technical knowledge to match graduates' skills with dynamic industry expectations. KLEF started involving Industry Experts in the as a part of student activity with, various experts and Invited Lectures on advanced / modern topics in some identified subjects / new subjects by industrial experts.

### **Description**

This guest lecture explores the pivotal role of smart sensors in the realm of Embedded Systems and their transformative impact on IoT (Internet of Things) applications. In this session, we delve into the intricate workings of embedded systems and how smart sensors serve as their backbone, enabling a myriad of interconnected devices to gather, process, and transmit data seamlessly.

Our distinguished speaker brings a wealth of experience and expertise in the field, offering invaluable insights into the design principles, functionalities, and real-world applications of smart sensors within IoT ecosystems. From environmental monitoring to healthcare, industrial automation to smart homes, the lecture will showcase diverse case studies highlighting the versatility and significance of smart sensors across various domains.

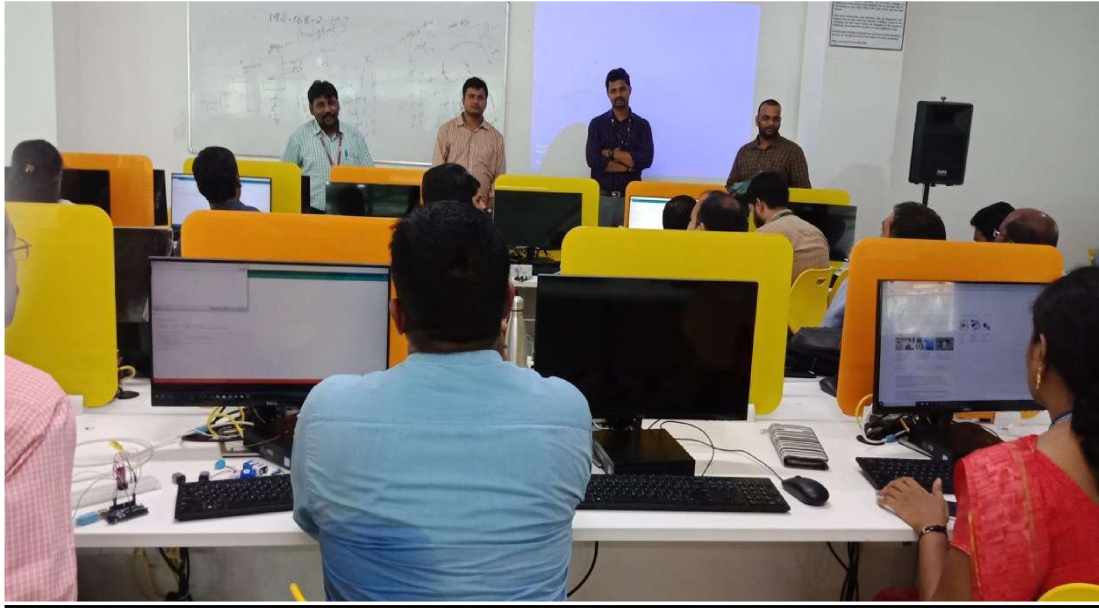
### **Outcome**

The guest lecture would paves way towards the following outcomes

- ✓ Fundamentals of Embedded Systems: Understanding the architecture and components.
- ✓ Introduction to Smart Sensors: Exploring the capabilities and types.
- ✓ Integration Challenges and Solutions: Addressing interoperability and data management issues.
- ✓ IoT Applications: Case studies showcasing smart sensor deployment and impact.
- ✓ Future Trends and Opportunities: Emerging technologies shaping the future of embedded systems and IoT.

This lecture is ideal for anyone interested in staying ahead of the curve in the field of engineering simulations. Whether you're a student, engineer, or researcher, you'll gain valuable knowledge and be exposed to the exciting future of IoT technology.

## Photos



Interaction with Experts and Hands-on Technical sessions on IoT tools



## Koneru Lakshmaiah Education Foundation

(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

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2576129

Ref: KLEF/RO/ECE/CIRCULAR

Date: 20-05-2019

### CIRCULAR

**Sub:** Organizing event “Online Workshop” for the students of Electronics and Communication Engineering, of Vaddeswaram Campus of KLEF – Reg.

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This is to inform that the Department of Electronics and Communication Engineering, KLEF, is Organizing a “Embedded Systems, Smart Sensors for IOT Applications” for the students of Electronics and communication Engineering, Vaddeswaram Campus of KLEF on, 27.05.2019, as details below:

Event Name: “Embedded Systems, Smart Sensors for IOT Applications”

Date: 06.01.2020

Venue: R106

All the students of ECE, are invited to attend this program.

Dy-HOD's & Year coordinators are requested to bring this information to the attention of all ECE students and encourage them to participate in this program.

To  
All ECE Students,  
All ECE Faculty,  
Principal.

HOD  
  
Department of ECE  
K L University  
Green Fields, Vaddeswaram,  
Guntur Dist.A.P, PIN-522 502



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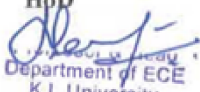
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### 7. List of Participants

S. No.	University ID	Student Name	Degree
1.	180040738	GEDELA VINAY KUMAR	ECE
2.	180040122	VEERAGANDHAM AASRITA	ECE
3.	180040103	PRIYATHAM KALYANA A	ECE
4.	180040088	SAI PRIYANKA SANKU	ECE
5.	180040501	KOMMANUKUNTA VENKATRAMI REDDY	ECE
6.	180040004	KATTA SAI PAVAN	ECE
7.	180040615	PASAM SAI SARAN	ECE
8.	180040314	GODAVARTHI SRI KANTH	ECE
9.	180040586	KAJA MANIKANTA	ECE
10.	180040558	RAVURI YASHWANTH KUMAR	ECE
11.	180040403	GUDA NAGA BHEEMESH REDDY	ECE
12.	180040285	UDUMULA TIMOTHY	ECE
13.	180040373	MADDUKURI JITENDRA SAI KIRAN	ECE
14.	180040628	KOTA ANAND VARDHAN REDDY	ECE
15.	180040489	DUGGASANI PRATHAP REDDY	ECE
16.	180040304	CHERUKURI VINAY SAI	ECE
17.	180040728	YERUVA DEEPAK REDDY	ECE
18.	180040040	PUTCHA PASYANTHI	ECE
19.	180040035	RAJESWARI RAJA THINNALURI	ECE
20.	180040200	KANNA BALA SUDHEER	ECE
21.	180040224	SHAIK RAMEEZ AHMED	ECE
22.	180040210	KAPALAVAI AMAR GOPAL	ECE
23.	180040226	MUNNANGI DINESH REDDY	ECE
24.	180040320	AMARA HARSHVARDHAN	ECE
25.	180040312	SHAIK ISMAIL BASHA	ECE
26.	180040475	SHAIK KARISHMA THARANUM	ECE
27.	180040318	GARAPATI KRISHNA PAVAN	ECE
28.	180040569	OMMI VAMSI	ECE
29.	180040198	PAILA ANIL SAI JASWANTH	ECE
30.	180040342	MEKA URMILA	ECE
31.	180040562	VEMANA NIRANJAN	ECE
32.	180040629	VISHNUMOLAKALA PRAMOD	ECE
33.	180040584	V L H SAI ABHISHEK KARLAPALEM	ECE
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35.	180040611	KOVIDH KURRA	ECE
36.	180040581	PAMIREDDYGARI TARUN KUMAR REDDY	ECE
37.	180040744	GANJI SAI SRI ABHIRAM	ECE
38.	180040528	THANUGONDLA GOPI REDDY	ECE
39.	180040042	BODANKI JAYA NAGA SARATH	ECE

40.	180040066	KURAPATI SANDEEP VISWAAS	ECE
41.	180040204	VENKATA SUMANTH KUMAR TALLAPANENI	ECE
42.	180040729	CHODAVARAPU PAVAN SAI	ECE
43.	180040429	ANDAVARAPU SAI KUMAR	ECE
44.	180049013	KAMBALA JAYA VENKATA SAI PAVAN	ECE
45.	180040209	NALABOLU HARI BABU	ECE
46.	180040564	VARANASI SRI HARSHA BHARADWAJ	ECE
47.	180040706	NELAKUDITI PARDHASARADHI	ECE
48.	180040393	MADDIPATHI RAKESH	ECE
49.	180049016	MOGHAL AJGARVALI	ECE
50.	180049015	BHANU PRASAD M	ECE
51.	180049019	SHAIK NAGUL MEERA	ECE
52.	180049017	NICHENAMETLA NEERAJ	ECE
53.	180040648	SIRIGIREDDY SAI ASRITHA	ECE
54.	180040327	ANAND SURYA SASHANK	ECE
55.	180040613	NAGA TEJA	ECE
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58.	180040316	KORRAPATI SIVA TARUN REDDY	ECE
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60.	180040355	KANDRU VAMSI	ECE
61.	180040631	KODE VENKATA KRISHNA	ECE
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63.	180040646	SHAIK YAKUB PASHA	ECE
64.	180040076	KOYYA MUKHESH REDDY	ECE
65.	180040203	KESARI PUJITHA	ECE
66.	180040178	PENNEPALLI YASASWI	ECE
67.	180040317	MOHAMMED IRSHAADULLAH	ECE
68.	180040305	DWARAM SRINATH REDDY	ECE
69.	180040199	SANIKOMMU YOGENDHRAA REDDY	ECE
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71.	180049025	DIVYA ALLI	ECE
72.	180040354	YELUBANDI SRINIVAS	ECE
73.	180040653	CHILAMKURTI SAI VINAY	ECE
74.	180040414	PYNENI HARISH BABU	ECE
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