



VEMU INSTITUTE OF TECHNOLOGY

P.Kothakota, Chittoor District -517112

**A webinar on
"Role of IOT in Industry
4.0"**

22-05-2021

(MOU ACTIVITY)

**Resource Person: Mr.K.Shanmugam, Power Lab
Instruments**

Target Audience: III EEE Students

5/8/21, 4:29 PM

Vemu Institute of Technology Mail - A Webinar to III EEE students -reg



hodeee vemu <hodeee@vemu.org>

Invitation for organizing a webinar to our students-request-reg;

hodeee vemu <hodeee@vemu.org>

Sat, May 8, 2021 at 7:16 PM

To: kshanmugam@gmail.com

Respected Sir,

Greetings of the Day!


I am happy to introduce myself as Dr. D,Chandra Sekhar, Professor and HOD of EEE Department, VEMU Institute of Technology, P. Kothakota, Chittoor (District).

With reference to the telephonic conversation on 07/05/2021, I am confirming the date of Webinar on "Role of IOT in Industry 4.0" to our III B.Tech students on 22.05.2021 at 3.30 p.m.

Thanking you Sir.

With regards

Dr D.ChandraSekhar
HOD-EEE


**PRINCIPAL
VEMU INSTITUTE OF TECHNOLOGY
P. KOTHAKOTA - 517 112**

Date: 19-05-2021

To
The Principal,
VEMU Institute of Technology,
P.Kothakota,
Chittoor-517112.

Respected Sir,

Sub: Power Lab Instruments- Confirmation for accepting as resource person to conduct webinar to your students as per MOU- reg;

Ref: VEMUIT/EEE/Webinar/2020-21/ dated 06-05-2021

With reference to your letter dated 06-05-2021, the Power Lab Instruments are willing to conduct a webinar on "Role of IOT in Industry 4.0" on 22-05-2021 for III EEE students under MOU activity. In this regard, I am accepting to act as resource person for the above said workshop.

Thanking you

With best Regards,

For **Power Lab Instruments**



கு.சண்முகம்.

K.Shanmugam

shanmugam@powerlabinstruments.com Cell : 09445481054 & 044-42347878

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UGC Act. Accredited by NAAC and An ISO 9001:2015 Certified Institute)

Department of Electrical and Electronics Engineering

VEMU/EEE/2020-21

Date: 19-05-2021

CIRCULAR

It is here by informed to all the students of III B. Tech EEE that there is a Webinar on
“Role of IOT in Industry 4.0” on 22-05-2021 by K.Shanmugam of Power Lab Instruments,
Chennai. Hence all the students of III EEE are instructed to attend the Webinar without fail.
The Zoom link will be sent to the respective class WhatsApp group later.

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HOD- EEE
HEAD

DEPARTMENT OF EEE
EMU INSTITUTE OF TECHNOLOGY
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Invite

power relations in the motor. Fig.E shows the equivalent circuit per phase of an induction motor where all values have been referred to primary (i.e., stator).



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Department of Electrical and Electronics Engineering

Webinar Report

Title : **Role of IOT in Industry 4.0**
Date : **22-05-2021**
Resource Person : **Mr K.Shanmugam**
Targeted Group : **III EEE**

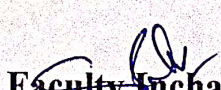
Objective: -

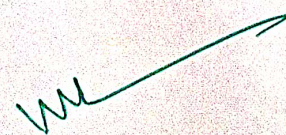
Internet of Things (IoT) is a critical component of Industry 4.0. It has extensive applications in the monitoring of production systems in manufacturing and services. This technology opens up newer and innovative possibilities in manufacturing by facilitating higher performance. IoT's major capability is to collect and share information with the help of internet-connected machines and devices. It is associated with unique identification numbers or codes that can be controllable through our daily use devices like smartphones. This technology's major components are software, hardware with the network's connectivity for data alteration, and collection. IoT creates disruptive innovation in the field of manufacturing. The need is to understand this technology and how it can help the contemporary production systems.

This webinar discusses how Industry 4.0 helps create a smart factory. Finally, we have identified and studied significant IoT applications to adopt Industry 4.0

OUTCOME: -

- More than 60 EEE students benefited by this Seminar.
- The students understood the following concepts
 - ❖ Industry 4.0 requirements
 - ❖ Significant IoT applications to adopt Industry 4.0


Faculty Incharge


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