VEMU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA
NEAR PAKALA, CHITTOOR-517112
Department of Electronics & Communication Engineering

A Seminar

ON

"Organic light emitting diodes (OLEDs)"

By

Mr.K.Velayudam,

Application engineer,

VeeEeeTechnologies solutions Pvt.Ltd,

Chennai.

Date: 23-03-2018

TARGETTED STUDENTS: III ECE

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VEMU IT

Date: 12-03-2018

From
Prof. L. Ramamurthy,
HOD-ECE,
Vemu Institute of Technology,
P.Kothakota.

To
Mr.K.Velayudam,
Application engineer,
VeeEee Technologies solutions Pvt. Ltd,
Chennai.

Dear Sir,

Sub: Requisition for delivering Seminar –Reg.

I would like to take this opportunity to extend you an invitation to serve as a resource person for one day Seminar to enhancement technical knowledge of the students in our college.

I request you to plan the event byfourthweek of this month and Please confirm your acceptance by post or phone call along with subject details. Your acceptance will greatly help to improve the knowledge of our Students.

Kindly communicate your acceptance as soon as possible.
Looking forward for your cooperation.

Thanking you sir,

yours Sincerely,

DEPARTMENT OF ECE
VEMU INSTITUTE OF TECHNOLOGY
P. KOTHAKOTA - 517 112

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Department of Electronics & Communication Engineering

VIT/VEMU/ECE/S-04/2017-18 /SEM-II

Date: 21-03-2018

Circular

It is hereby informed to **II ECE Students** that there is a Seminar on **"Organic light emitting diodes(OLEDs)" on 23-03-2018** by Mr.K.Velayudam, Application engineer, VeeEee Technologies solutions Pvt. Ltd, Chennai. Hence all the students are instructed to attend the Seminar without fail.

Venue: ECE Seminar Hall

Time: 10.00AM

HOD
HEAD
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Copy To: The Principal Desk,

The Staff In-charge,

Circulate among all class rooms.

II - ASec - NH.

II - BSec - [illegible].

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Report-On

Organic Light Emitting Diodes (OLEDs)

Seminar Date: 23-03-2018

A Seminar on "Organic Light Emitting Diodes(OLEDs)"was conducted by the Department of Electronics and Communication Engineering on 23rdMarch 2018.

This program was organized by Mr.K.Velayudam, Application Engineer,VeeEeeTechnologies Solutions Pvt. Ltd, Chennai. With the co-ordination of Ms. S.Chandana, Assistant Professor, ECE Department and Prof. L.Ramamurthy, Head of the ECE department.

The expert stars with the Introduction of the topic OLED. TheOLED (Organic Light Emitting Diodes) is a flat light emitting technology, made by placing a series of organic thin films between two conductors. When electrical current is applied, a bright light is emitted. OLEDs are emissive displays that do not require a backlight and so are thinner and more efficient than LCD displays (which do require a white backlight).

He continued his speech by OLED vs LCD. An OLED display have the following advantages over an LCD display:1) Improved image quality - better contrast, higher brightness, fuller viewing angle, a wider colour range and much faster refresh rates.2) Lower power consumption.3) Simpler design that enables ultra-thin, flexible, foldable and transparent displays 4) Better durability - OLEDs are very durable and can operate in a broader temperature range.

An OLED is made by placing a series of organic thin films between two conductors. When electrical current is applied, a bright light is emitted.

LEDs are organic because they are made from carbon and hydrogen. There's no connection to organic food or farming - although OLEDs are very efficient and do not contain any bad metals - so it's a real green technology.OLEDs are used today in mobile phones, digital cameras, VR headsets, tablets, laptops and TVs.

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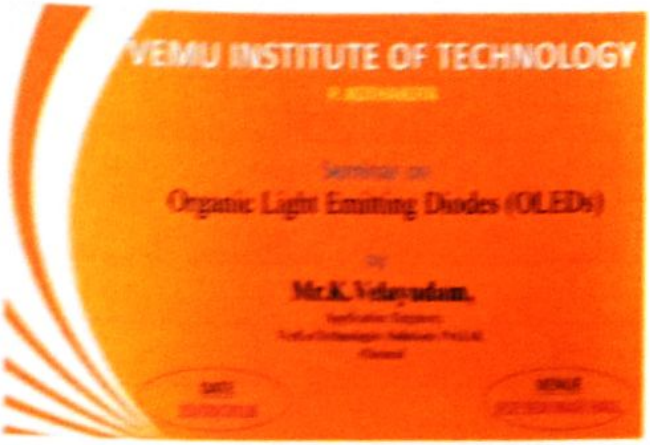

The resource person concluded the seminarsuccessfully byenhancingconfidence levels of each and every student and which is beneficial to the students. The total program is successfully completed with the cooperation of each and every faculty member of the department and student participants.

Head of the Department

(Prof. L.Ramamurthy)

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