

Two days' workshop on Internet of Things in association with Technex, IIT Varanasi



VIMAL JYOTHI
ENGINEERING COLLEGE
Affiliated to APJ Abdul Kalam Technological University &
Kannur University | Approved by AICTE
Under the Architecture of Technology

In Association
With



TECHNEX'20
The annual techno-management festival of
Indian Institute of Technology
(Banaras Hindu University) Varanasi

Vimal Jyothi Engineering College, Kannur

TECHNICAL DETAILS

- * Introduction to Internet of Things (IoT).
- * Introduction to Sensor & Actuator.
- * Introduction to Cloud Computing.
- * Arduino Open Microcontroller Platform.
- * Programming Fundamentals (C Language).
- * Programming Arduino.
- * Talking to your Android Phone with Arduino.
- * Communication with Cloud Server.
- * Project: Integrating Sensor & Reading Environmental Physical Values.
- * Project: Reading Environmental Values on Android Smartphone.
- * Project: Voice Controlled Home Automation using Android Smartphone.
- * Project: Control Electronic Devices using Localhost Web Server for Home Automation.
- * Project: Tweet Sensor Value on Twitter through Arduino.
- * Project: Send Voltage & Sensor Values to Cloud Server.
- * Project: Control Electronic Devices using Internet.

ELIGIBILITY

- * First Year to Final Year Students can participate in this Workshop. Students from all Engineering branches can participate in it.
- * No Programming Skills Required, Just a Curious Mind.

COURSE FEE : **Rs 600** Per Participant



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Presents

A TWO DAYS WORKSHOP ON

INTERNET OF THINGS [IoT]

CERTIFICATE OF MERIT
TO ALL PARTICIPANTS

BY

TECHNEX, IIT VARANASI

For Registration Please Visit: tiny.cc/lotvjce
OR Scan this QR Code ----->

DATE: **25-26 OCT, 2019**

VENUE

Vimal Jyothi Engineering College,
Jyothi Nagar, Kannur District, Chempal, Kerala 670632



WORKSHOP DETAILS

- * A Two Days Workshop on IoT.
- * Participation Certificate to All Participants from Innovians Technologies & Technex, IIT Varanasi.
- * Participants will work in a group of 4 during the workshop. Kits will be provided for hands-on and after the workshop it will be taken back.
- * At the End of Workshop on Second Day a small competition will be organized and best performing students will get direct entry in National Level Competition to be held at IIT Varanasi during Technex'20 in Feb, 2020.



CONTACTS

FACULTY COORDINATOR

Vinod J Thomas
(Associate Professor- ECE)

STUDENT COORDINATORS

Amaldev K V : 85920 46053
Akshay VK : 85476 20888

Pre-Requirement

- * An Android Smartphone with Working Internet. (Atleast 1 Smartphone in a Group of 4)
- * Participants need to bring their own Laptop. (Atleast 1-2 Laptop in a group of 4)

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