Dr. LANKAPALLI BULLAYYA COLLEGE
VISAKHAPATNAM – 13

AWARENESS OF TRENDS IN TECHNOLOGY

A 2-Day Hands-On Workshop

on

"Embedded Systems and IoT Prototyping"

Will be conducted on campus from
19th to 20th September, 2019

Resource Person: Y. Kiran Kumar

All the students of ELECTRONICS who are interested in this
programme can register

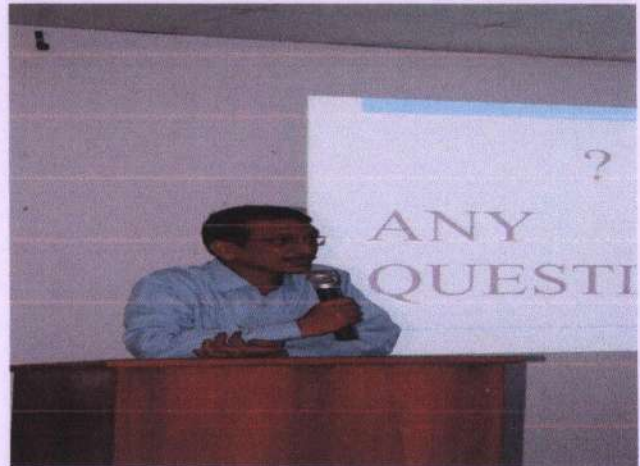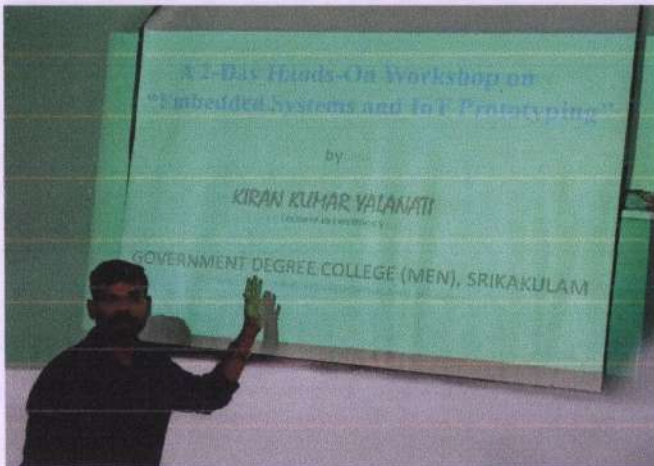Last date for registration: 17th September, 2019
Registration Link: https://docs.google.com/forms/d/e/1Faipql/view

REGISTRATION AND COURSE ARE AT FREE OF COST

Certificates will be issued at the end of the course

Do avail this opportunity

PROGRAMME COORDINATOR
K. Mrudula Praveena, Lecturer
kmpraveena@lbc.edu.in
Mob: 9948895557

GLIMPSES OF THE EVENT

Resource Person Comments/Feedback: I am feeling happy to be a part of the seminar which isgoing on in a well reputed organization like Dr. Lankapalli Bullayya College. Students are quiet enthusiastic and their energy is really awesome and the way students interacted with me makeme feel happy.

Participants for the Seminar

➤ Students of UG Electronics

➤ Faculty of UG Electronics

➤ Total no of participants: 50

Learning outcomes

Target students will learn about the following points

1. Students know about basics of Embedded Systems
2. Microcontroller Fundamentals
3. Working principles of Sensors and Actuators
4. Internet of Things (IoT) Basics
5. Hands-On Practical Sessions

Program coordinator

Dr.LANKAPALLIBULLAYYACOLLEGE
VISAKHAPATNAM

PROGRAM REPORT

TITLEOFTHETOPIC

A 2-Day Hands-On Workshop on "Embedded Systems and IoT Prototyping"

Department:ELECTRONICS		Date20-09-2019
Class/Targetaudience	3rdand2ndYearBScElectronics students	
Name,Designationand ProfessionalDetailsoftheResourcePerson: Y.KIRAN KUMAR, Lecturer, Dept. of ELECTRONICS GOVERNMENTDEGREEC OLLEGEMEN SRIKAKULAM Mobile no: 9443582490 Mail id: kirankumary88@gmail.com		**Programme Co-ordinator:** P. Narasimha Rao Dept. of ELECTRONICS Mobile no:9391655543 Mail id: narasimharaop@lbc.edu.in

SYNOPSIS OF THE SEMINAR TOPIC

The seminar aims to provide a comprehensive overview of Embedded Systems and Internet of Things(IoT)Prototyping,delvingintotheintegrationofhardwareandsoftwaretocreateintelligenta ndconnected systems. The seminar will cover fundamental concepts, emerging trends, and practical aspectsofdesigningandimplementingembedded systems with afocus onIoT prototyping.

1. IntroductiontoEmbeddedSystems
2. MicrocontrollerFundamentals
3. SensorsandActuators
4. InternetofThings(IoT)Basics
5. Hands-OnPracticalSessions
6. IoTExamples

Q&AandDiscussion