



DEV BHOOMI INSTITUTE OF TECHNOLOGY, DEHRADUN

Navgaon, Manduwala, Chakrata Road, Dehradun - 248007 Uttarakhand
(Approved by AICTE, New Delhi and affiliated to Uttarakhand Technical University, Dehradun)

Event Title: Online workshop on “IoT-Building World Smart”

About Event

We are delighted to inform you that [Department of Computer Science & Engineering](#) is organizing 2-Days Online Workshop on “Internet of Things (IoT)” via Online Platform.

This workshop program is designed as per market survey to provide the technologically advanced concepts along with basics to aptly fit in the hectic semester schedule and at the nominal cost as well.

AIM of the Events

This program aims at providing an opportunity for participants to enrich their knowledge and skill in developing various solutions for solving engineering problems in the society. This program serves as a platform for research scholars, engineers and students to interact on cutting edge technologies in IoT.

The Internet of Things (IoT) has evolved from the convergence of wireless technologies, microelectromechanical systems (MEMS) and the Internet. By connecting „things“ in the real world such as cars, buildings, and industrial equipment, IoT promises to revolutionize how we live and work.

Content of the Event

INTRODUCTION TO IoT INTRODUCTION TO AUTOMATION: Classification of Automation, History and Need of Automation, Traditional Techniques, Advancement in technique, Evolution of Automation

INTRODUCTION TO EMBEDDED SYSTEM: classification of microprocessor & microcontroller, introduction to embedded c, led interfacing, seven segment interfacing, motor interfacing, relay interfacing, serial communication

APPLICATION DEVELOPMENT: Text to speech App development, including textbox, applying labels, properties, Accelerometer sensor, if-else condition, do while condition, call statements, , Database connectivity app development



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DATABASE CONNECTIVITY: Firebase console, real time database, database secrets
Project development, Hardware description, hands on work with kits

FABRICATION OF SMART DEVICES

Speakers of the Events:

Mr. Ashok Kumar

E-Mail IDquery.ensino@gmail.com

Designation & Experience

DIRECTOR-FOUNDER &

7+ Years of Experienced in training & development

Department Name: Computer Science & Engineering

Course Name (Participants): B. Tech/MCA/BCA/B.Sc IT

Date Time & Venue of Events: Online Workshop (13th & 14th April 2020)

Time: 2:00PM to 5:00 PM

Event Coordinator & Organizing Team Members: Mr. Dhajvir Singh



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Estd. 2005

BharatPadheOnline

We

#CareForYou

Dear Students,

We hope you are healthy and safe amidst this pandemic.

To help you in learning something new from home,

we are organizing

Online Workshop

on

IoT - Building Smart World

for

B.Tech (CSE), MCA, BCA & B.Sc. (IT)

#LearnFromHome

Date: 13th & 14th April, 2020

You will get the **Timing & Link** to the webinar through **official WhatsApp groups or E-mail**.

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