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Two Weeks Joint Online Faculty Development Programme on

IoT & APPLICATIONS
(Smart Systems)

(Endorsed by AICTE/UGC)

Feb 14th – Feb 25th, 2022

सत्यमेव जयते

Seamless Learning Opportunities
At
Electronics and ICT Academy
An Initiative and Sponsored by
**Ministry of Electronics and Information Technology (Meity)
Government of India**

Organized by
Indian Institute of Information Technology, Design and Manufacturing Jabalpur

In association with

University College of Engineering BIT Campus, Anna University Tiruchirappalli

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ABOUT UCE, BIT CAMPUS, ANNA UNIVERSITY, TRICHY

University College Engineering, BIT Campus, University, Tiruchirappalli is a technical university department of Anna University. The Vision of the Institute is to transform students into competent professional and responsible citizen by focusing on assimilation, analysis, synthesis and dissemination of knowledge to meet the societal needs. It offers higher education in Engincoring, Technology, Management and allied sciences at undergraduate, postgraduate and doctorate level. The main campus is situated in the southern part of Tiruchirappalli and extends over 354 acres (1.43 km²).

ABOUT ELECTRONICS & ICT ACADEMY AT PDPM IIITDM JABALPUR

The Ministry of Electronics and Information Technology, Government of India, has instituted seven Electronics and ICT Academies with one academy at PDPM IIITDM Jabalpur. The primary objective of the Academy is to prepare manpower for two important missions - Digital India' and 'Make in India'. The Academy aims at scalable training programmes in niche areas of Electronics and ICT for the development of required knowledge base, skills, and tools to unleash the talent of the Indian population. In addition to the faculty development programmes on fundamental and advanced topics, the Academy conducts customized training programmes for the corporate sector and research promotion workshops in emerging areas. The Academy is envisioned to become a central hub of activities on training, research, consultancy

ABOUT PDPM IIITDM JABALPUR

PDPM IIITDM Jabalpur was established in 2005 with a focus on education and research in IT-enabled Design and Manufacturing. Since its inception, PDPM IIITDM Jabalpur has been playing a vital role in producing quality human resources for contribution in India's mission of inclusive and sustainable growth. The Institute offers undergraduate, postgraduate and Ph.D. programmes in Computer Science and Engineering, Electronics and Communication Engineering. Mechanical Engineering. Design and Ph.D programmes in Mathematics, Physics and Literature. Under IIIT act, the Institute has been declared as an Institute of National Importance in January 2015. The Institute campus is being developed on 250 acres of land close to Dumna Airport, Jabalpur. The Institute is 10 km from the main railway station and 5.5 km from Dumna Airport, Jabalpur.

Course Contents

- Overview of IoT: Evolution & technologies used in IoT
- IoT embedded system, sensors and components
- Communication Technologies for IoT
- IoT Protocols: Data and Network
- IoT Security
- Edge Computing and IoT
- Cloud Computing and IoT
- Wearables and IoT
- IoT application in Smart Home
- IoT application in intelligent transportation system
- IoT for Healthcare
- IoT in Smart Farming
- IoT based geo-hazard monitoring and early working systems
- Smart grid and IoT
- 5G and IoT

Programme Features

- Instructor led online sessions and rigorous hands-on sessions.
- Opportunities to connect with experts from academia, industry and government
- Certificate of completion on successful completion of the course with full access to the course material.

Registration Details

Registration link – Please fill out registration using the following link
https://forms.gle/iN7cwyht7dJNbGCw5
Indian Participants –
Academic (student/faculty): 500 INR
Industry Participants and Others : 1000 INR
Foreign Participants –
SAARC/African countries
Academic (student/faculty): - Rs. 500/-
Others - Rs. 1000/-
Rest of the countries
Fee - US$ 60 or British £ 50
Last Date for Registration : Feb 10, 2022

Online payment details
Beneficiary Name : EICT Academy
Bank Name: INDIAN BANK
A/C No. : 50302042708
IFSC Code: IDIB000M694
Branch: Mehgawan, IIITDM Branch

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