



National Institute of Electronics & Information Technology, Aurangabad (MS)

राष्ट्रीय इलेक्ट्रॉनिक्स एवं सूचना प्रौद्योगिकी संस्थान औरंगाबाद, (महाराष्ट्र)
इलेक्ट्रॉनिक्स अॅण्ड इनफॉर्मेशन टेक्नॉलॉजी मंत्रालय, भारत सरकार
डी. वा. आ. मराठवाडा विद्यापीठ, औरंगाबाद ४३१००४(मह.)



INSTITUTE UNDER MINISTRY OF ELECTRONICS & IT

Welcome to the Future with IOT, a Key of Reinvention

Starting from 14th May, 2018

PG DIPLOMA

IN

Internet Of Things

(IOT)

ONE
YEAR
COURSE

Selection
Through
Entrance Test

Degree to be awarded by Dr. Babasaheb Ambedkar Marathwada University

Objective:

- Work with ARM Cortex, Arduino, Raspberry Pi used in IoT devices
 - Embedded Linux used for IoT development
 - C and Python Programming
 - PHP programming for web interfaces
 - IoT Protocols, Networking and Data Transfer
 - Wireless sensor networks with BLE, Zigbee and WiFi
 - Interfacing IoT with Cloud
 - IoT Security & Platforms
- Emphasis is given more on Hands-on

Projects on:

- Precision Agriculture
- Health care
- Home Automation
- Environment monitoring
- Automobiles
- Smart city maintenance
- Smart Manufacturing



Apply through the Link:
<http://nielit.gov.in/aurangabad/content/short-term-courses-3>
or Offline at office:

Eligibility: Graduate in Engineering with Electronics and Equivalent.

Course Fees: Rs. 60,000/-
Module wise Course: Please see Course Webpage.

Registration Fees: Rs. 500/- (Non refundable)

Total Seats :30

Contact Person: Thokchom Sunil Kumar Singh, Pr. Tech. Officer
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Contact Details:
NIELIT Aurangabad, Dr. B.A.M. University Campus, Aurangabad-431004 MS,
Ph. No. 0240 2982021/22
Web Site: nielit.gov.in/aurangabad

-- Fee Can be paid semester wise in two instalment of Rs 30,000/- each

-- No Charge be taken for Study Material.

-- For complete Syllabus Visit [https:// http://nielit.gov.in/aurangabad/content/short-term-courses-3](https://http://nielit.gov.in/aurangabad/content/short-term-courses-3)

Module wise fee is

Registration Fee Rs 500/-

Sl No	Modules	Fee
01	Introduction to IoT& Microcontrollers	4500/-
02	Embedded Linux & C	6000/-
03	Python Programming	3000/-
04	Arduino, Raspberry Pi & Wireless Modules	6000/-
05	Interfacing Sensors & Actuators	4500/-
06	Web interface with PHP& MySQL	8000/-
	a) Web Interface with PHP	4500/-
	b) MySql	3,000/-
07	IoT Protocols, Zigbee& WSN	6000/-
08	IoT Data management & Mobile/ Cloud Interface	6000/-
09	IoT Security& Platforms	6000/-
10	Soft Skills and Personality Development	1500/-