

Skill Development Program on Internet of Things & Applications February 20 to March 4, 2023

Inaugural Event on February 20, 2023 at 2:30 PM IST

Valedictory Event on March 4, 2023 at 4:00 PM IST

Day	Duration	Date	Time (IST)	Topic	Expert
1	1.5 hrs	20/02/2023 Monday	3:00 – 4:30 pm	Introduction to Internet of Things & Application	Prof. Alim A. Islam, BUET, Bangladesh
2	2 hrs	21/02/2023 Tuesday	2:30 – 4:30 pm	Basics of wireless sensor networks	Dr. Hari Prabhat Gupta, IIT BHU
3	2 hrs	22/02/2023 Wednesday	2:30 – 4:30 pm	Physical & Data link layer for IoT	Dr. Munesh Singh, IIITDM Jabalpur
4	2 hrs	23/02/2023 Thursday	2:30 – 4:30 pm	IoT Hardware: embedded devices, sensors, actuators and other components	Prof. Vijay Kumar Gupta, IIITDM Jabalpur + Mr. Mayur Mungole, IIITDM Jabalpur
5	2 hrs	24/02/2023 Friday	2:30 – 4:30 pm	Networking and Transport Layers for IoT	Dr. Hari Prabhat Gupta, IIT BHU
6	2 hrs	25/02/2023 Saturday	2:30 – 4:30 pm	Hands-on 1: Introduction to Nodemcu board and Live sensor data upload to Thingspeak cloud	Mr. Jitesh Kumar, Industry Personal
7	2 hrs	27/02/2023 Tuesday	2:30 – 4:30 pm	Application Layer, Cloud and data storage for IoT	Dr. Amrit Pal, VIT Chennai
8	2 hrs	28/02/2023 Monday	2:30 – 4:30 pm	Hands-on 2: Smart Home using Google firebase	Mr. Jitesh Kumar, Industry Personal
9	2 hrs	01/03/2023 Wednesday	2:30 – 4:30 pm	Data Analysis for IoT	Dr. Amrit Pal, VIT Chennai
10	2 hrs	02/03/2023 Thursday	2:30 – 4:30 pm	Hands-on 3: Predictive Maintenance	Mr. Jitesh Kumar, Industry Personal
11	2 hrs	03/03/2023 Friday	2:30 – 4:30 pm	Securing IoT Networks	Dr. Mayank Agarwal, IIT Patna
12	1.5 hrs	04/03/2023 Saturday	2:30 – 4:00 pm	Machine learning for IoT	Dr. Mayank Agarwal, IIT Patna

Quiz 1: 25th February 2023

Quiz 2: 3rd March 2023

Note: 75% attendance & 40% aggregate marks are mandatory for the certificate.