



**AICTE Training And Learning  
(ATAL) Sponsored 5-Days  
Workshop  
on "Smart City & Internet of  
Things (IoT)"  
Nov 22 – Nov 26, 2021**



**No registration fees** and Participant will be selected on first come first serve basis  
The program would be completely **online**

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(ATAL) Sponsored 5-Days  
Workshop  
On "Smart City & Internet of  
Things (IoT)"  
Nov 22 – Nov 26, 2021**



**Organized by  
AICTE Training And Learning  
(ATAL) Academy**



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**Tripura University,  
Suryamaninagar, Agartala-799022**

**About Tripura University:**

Tripura University epitomizes the aspirations of the state's people for academic excellence at the highest level and quest for knowledge. The first institution of higher education had commenced functioning from 1947 with affiliation from Calcutta University but in the immediate aftermath of partition the population of the state registered a steep growth and so did the number of students aspiring for higher education. Subsequently, it was on October 2, 1987, the birth anniversary of Mahatma Gandhi that Tripura University formally came into being as a towering embodiment of the hopes and aspirations of the people. The University was converted into a Central University on 2nd July, 2007, under the Tripura University Act, 2006 as enacted by the Parliament.

**Maximum Participants:** 200. Up to 30% participants from the host Institution

**About Department:** The state of Tripura is geographically isolated from the rest of India. Due to lack of infrastructure earlier it was difficult for the students of Tripura to pursue higher studies in engineering field (M.E/M.tech) within the state. The long standing dream of establishing Post graduate Engineering departments in Tripura University is now reality with the financial assistance received from H.R.D Ministry, New Delhi. Accordingly the M.Tech course in Computer science & engg. Under the faculty of science have been started on 19th August, 2005 with due approval from AICTE.

**Target Audience:** As per the directives of the AICTE Training And Learning (ATAL) Academy, the target audience includes faculty members of AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.) and staff of host institutions (subject to not more than 30% from Host Institution). Around 200 participants are expected to participate in the training program.

**Speakers:** Expert lectures will be delivered by the faculties of IITs, IIITs, NITs, reputed institutes, and professionals working in industries.

**Focus Areas:**

1. Architecture and system level design of IoT
2. Smart City Architecture: Vision and Challenges
3. Knowledge of sensors used in IoT devices.
4. Hands-on experience for using various micro-controller boards and simulation platforms for deploying real world applications (to be conducted virtually)
5. Training and motivating of teachers and researchers
6. Embedded processors and operating systems for IoT
7. IoT Sensors, IoT System Architecture, Bounds on Computational Complexity in IoT Systems
8. Cloud-Based IoT, IoT Communication Protocols

**Certificate:** As per the ATAL guideline, those who have scored 80% attendance + 60% marks in test will award the certificates of participation.

**Registration:**

1. Visit <https://atalacademy.aicte-india.org/>
  2. Register as a participant → Fill in your details
  3. Select Workshop: Select State → Tripura; Select Month → November; Select Thrust Area → Engineering; Select Mode → Online Mode
  4. Select FDP No. 1614673901: Smart City and Internet of Things (IoT)
- Important Dates:** Last date (Online Registration): Nov 10 (23:59:00hrs)  
Selection list by e-mail: Nov 18 2021  
Duration: Nov 22-26, 2021

**Venue:** Department of Computer Science & Engineering, Tripura University, Suryamaninagar, Agartala-799022

**Enquiry:** For any additional information/enquiry, please contact: Dr. Abhishek Majumder, Assistant Professor & FDP Coordinator, Department of Computer Science & Engineering, Tripura University  
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