

### AIM and Scope:

The main objective of the Workshop is aimed to provide a discussion platform for researchers who are working in the area of IOT. This workshop will be helpful to provide in-depth knowledge and hands-on-training of analysing data generated from IOT. To develop, validate and store the models.

### Topics to be covered:

Some salient topics to be covered...

- IoT: Introduction, Challenges and Applications
- IoT Sensor Node: Sensing, Actuating, Basics of Networking in IoT
- Case Study in IOT.
- Internet of Things for Next Generation Smart System
- Hands-on session on python tool kits
- Hands-on sessions on Machine and Deep learning algorithm
- Smart homes of the future-an IoT Prospective
- Soft set based data analytics in IoT application

### Who Should Attend?

Faculty Members and Research Scholar from AICTE approved Institutions are eligible for the workshop.

### Resource Persons:

The Sessions will be handled by the experts on the subject from Industry and from Various

IITs /NITs/IIIT, Central Universities, Industry person, and R&D Labs from India and .as well from overseas.

### CHIEF PATRON:

Prof. R. K. Dey  
Hon'ble Vice Chancellor (Acting)  
Central University of Jharkhand

### PATRON:

Prof. SL Harikumar  
Registrar  
Central University of Jharkhand

### CONVENOR:

Prof. Sarang Medhekar  
Dean, School of Natural Sciences, CUJ

### COORDINATOR:

Prof. (Dr). Subhash Chandra Yadav  
Head  
Deptt. of Computer Science & Technology.

### CO-COORDINATORS:

Dr. Prashant Prasun  
Dr. Kanojia Sindhuben Babulal  
Mr. Pushendra Kumar

### ORGANIZING COMMITTEE:

Mr. Shekhar Lal, STA  
Mr. Niraj Kumar, STA  
Mr. Saurabh Kumar, LA (8541860251)

## FIVE Day Workshop on Internet of Things (IoT) (14<sup>th</sup> -18<sup>th</sup> September 2020)



Sponsored by  
AICTE Training and Learning (ATAL)  
Academy Programmes



Technical Collaboration  
Division V (Education & Research)



Organized by  
Department of Computer Science & Technology  
<http://cuj.ac.in/dcst/index.php>  
Central University of Jharkhand (CUJ)  
Ratu-Lohardaga Road, Ranchi, Jharkhand

## **FIVE Day Workshop on Internet of Things (IOT)**

**14<sup>th</sup> -18<sup>th</sup> September 2020**

1. The FDP will be organised online using Google Meet.
2. The session of the Five days FDP will be live streamed on YouTube and on Google as well.

### **Registration link:**

The link is available on the AICTE Training and Learning (ATAL) Academy Programmes

<https://www.aicte-india.org/atal>

### **Number of Candidate:**

Maximum 150 participants may be allowed to attend online FDP on a first come first serve basis as per the selection rules of AICTE

### **Selection Procedure:**

As per the AICTE guidelines.

### **About The University CUJ:**

The Central University of Jharkhand was established through the Central University Act, 2009. The University started with a vision to specially focus on relevant present age educational drives offering 5-year integrated (UG/PG), Post graduate and Ph.D. programmes in almost all its Schools/ Departments of studies. The University is running in a Lush green temporary campus located in a natural landscape of Ranchi.

### **About the Department CST:**

The Department of Computer Science and Technology has been started in 2018 under the school of Natural Sciences. The department offers PG program, M. Tech (Computer Science and Technology) and Doctoral Program (PhD). It is the department's ambition to be internationally recognized as a leader in computer science and technology, a department with coherent activities within research, education, development and industry cooperation.

### **How to Reach CUJ:**

Ranchi is well connected by Roadways, Train and Airlines. City has two major railway stations 'Ranchi Railway Station' and 'Hatia Railway Station'. The city has also one airport (domestics) 'Birsas Munda Airport' and directly linked with major cities of India. From station, airport, and bus

stand first reach Ratu road auto stand and take an auto for Brambe.

### **About AICTE Training and Learning (ATAL) Academy**

AICTE is committed for development of quality technical education in the country by initiating various schemes launched by Govt. of India, MHRD Council understand that there is a need of the day to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines. It was felt that Training with latest tools and technologies is vital to keeping an institute competitive and more productive. Training is required for increasing the knowledge and skills of students to make them more employable to acquire global competencies. It also transforms them to harmonize with society and most importantly to make them a good citizen of the country. Accordingly, it was decided to the opening of AICTE Training And- Learning - (ATAL) Academies. As a part of its activities, AICTE Training and Learning (ATAL) Academy will conduct its programme from 14<sup>th</sup> to 18<sup>th</sup> September, 2020 at Central University of Jharkhand, Ranchi.