

## Registration Form

Name: .....

Designation: .....

Institution: .....

Male/Female: .....

Educational Qualifications: .....

Mailing Address.....

Category.....

(Student/Research Scholar/Faculty)

Phone .....

Fax:.....

Email: .....

**Signature of Applicant**

### CHIEF PATRON

Dr. N.S.Raghuwanshi  
Director  
MANIT, Bhopal

### COORDINATORS

Dr. R. Vishnu Priya  
Dr. Ramjeevan Singh Thakur  
Dr. Sujoy Das

### Committee Members

Dr K.R. Pardasani  
Dr. Namita Shrivastava  
Dr. Sanjay Sharma  
Dr. Madhvi Shakya  
Dr. Usha Chouhan  
Dr. Chandan Kumar Verma  
Dr. Manoj Jha  
Dr. Amit Bhagat  
Dr. G.S. Thakur  
Dr. Jaiprakash Jaiswal  
Dr. Pushendra Kumar

### Mailing Address

Dr. R. Vishnu Priya

Assistant Professor Department of Mathematics &  
Computer Applications

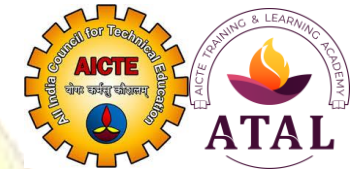
Maulana Azad National Institute of Technology  
Bhopal – 462051

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Website: [www.manit.ac.in](http://www.manit.ac.in)

## <sup>x</sup>AICTE Training and Learning (ATAL) Academy



One-Week Workshop  
On

## *Analytics of Things & Big Data*

(23<sup>rd</sup> - 27<sup>th</sup> September 2019)



**Organized By:**

**Department of Mathematics  
&  
Computer Applications**

**Maulana Azad National Institute  
of  
Technology**

**Bhopal- 462003**

## x About the Bhopal

Bhopal, capital city of Madhya Pradesh comprises scenic beauty, historic city and modern urban planning. It is situated on the site of an 11th century city, Bhojapal, founded by Raja Bhoj. The timeless serenity of the two lakes, Upper and Lower, unfailingly enrich the beauty of the city and also surrounded by hills all around makes this city and ideal example for Environmental friendly smart human city.

## About the Institute

Maulana Azad National Institute of Technology (MANIT) established in 1960, is the premier institute for technology in the city and has been categorized by the Government of India as an institute of National importance. The institute is situated in the heart of Bhopal on a beautiful plateau with verdant of 650-acre campus. The faculty strength at present is about 200 and students are 4000. The institute is highly committed to meet the objectives of producing professionally qualified manpower. The institute currently runs 13 UG and 20 PG courses and research programs leading to Ph.D.

## About the Department

Department of Mathematics and Computer Applications came into existence in the year 1960 and 1987 respectively. The department has qualified and dedicated faculty members with specializations in various areas of Mathematics and Computer Applications. At present, the department is conducting MCA, M.Tech (Bio-Informatics) and PhD programmes.

## x Aims and Objectives

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 analyzing data generated from IOT. To develop, validate and store the models.

## Course Content

Covers the theoretical portion, lab practice and hands-on experience of the below topics.

- Concept of IOT
- Hands-on sessions on sensor node, hardware components, communication protocol
- Hands-on session on python tool kits
- Hands-on sessions on Machine and Deep learning algorithm
- Hands on session on data storage on cloud
- Case Study in IOT.

## Experts

Eminent Professors and experts from reputed departments of this institution and other institutions

## x Eligibility for Participation

The Training program is open to PhD research scholars and teachers from engineering institutions and industry professionals.

## Online Registration

There is no registration fee for the participants. Participants can apply by filling ONLINE registration form from URL:

<https://forms.gle/R9BAL2ESghkJpws9>

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