

## How to Apply

The duly filled in registration form should be sent to any one of the co ordinators along with a demand draft in favour of “The Director, National Institute of Technology Nagaland” payable at chumukedima.

## Registration Fee

Faculty from academic Institutions - Rs 1000/-  
Research Scholars - Rs 500/-

## Registration Form

Name: .....

Designation: .....

Qualification: .....

Organization: .....

Address for Correspondence.....

Mobile: .....

E-mail: .....

DD Particulars:

Amount: .....

No.....

Date.....

Bank.....

## Important Dates

**Last Date for Registration : 6<sup>th</sup> Dec 2017**

\*Participants Strength limited to 35

# Five days National Workshop on Predictive Analytics

Sponsored by TEQIP-III

7<sup>th</sup> - 11<sup>th</sup> December 2017

**Convenor**

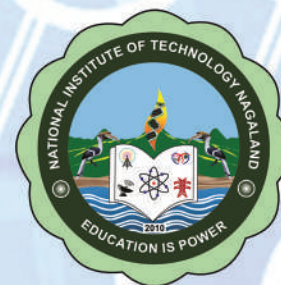
Dr.Themrichon Tuithung

**Coordinators**

Dr. R.Dhanalakshmi

Dr. Shouvik Dey

Dr. Neelima Arambam



**Organised by**

Dept of Computer Science and Engineering  
National Institute of Technology Nagaland  
Chumukedima, Dimapur-797103

## About the Institute

National Institute of Technology Nagaland (NIT Nagaland) is a higher education technical institute located at Dimapur in Nagaland and was set up by the Government of India in 2010, as part of the Eleventh Five-Year Plan (2007–2012) for imparting technical education in the state of Nagaland. NIT Nagaland is located at Chumukedima, about 14 kilometers from Dimapur, Nagaland. The campus is well connected through proper means of transport and communication. At present there are six undergraduate courses namely Electrical and Electronics Engineering, Electronics and Communication Engineering, Computer Science and Engineering, Civil Engineering, Mechanical Engineering & Electronics and Instrumentation Engineering & four postgraduate courses namely Power System Engineering, VLSI Systems, Computer Science and Engineering & Electronics and Communication Engineering, inclusive of PhD studies.

## About the Department

The Department of Computer Science and Engineering is Research-oriented but at the same time Student-centered Department. The primary motto of the department is to provide high quality education. Computer Science and Engineering graduates are the pillars in the current and emerging information era. Computer Science and Engineering education plays a special role in preparing future technology leaders and innovators. The laboratory exercises are designed to implement the latest software and tools of the industry. The Department will continue to develop and administer programs which serve the needs of industrial computer scientists, researchers, and computer application specialists for whom the discipline of computing sciences provides indispensable tools.

## Course Objectives

To motivate researchers and academicians to develop better Computational tools to visualize, analyze and catalog the available enormous research dataset in order to enable data driven research.

To provide a platform to understand advanced data analysis tools, to follow new paths, try new techniques, build new model that facilitate innovative multidisciplinary/Interdisciplinary activities.

## Topics Covered

- Overview of Data Science
- Data Collection and Data Repository
- Introduction to Rapid Miner Tool
- Data Generation and Pre-processing
- Feature Selection
- Data Transformation
- Frequent Pattern Mining
- Clustering and Classification Algorithms
- Prediction Models & Performance Measures
- Text Analytics

## Eligibility

Faculty  
Research Scholars  
Students