

## 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 : 1<sup>st</sup> Nov 2017**

\*Participants Strength limited to 35

# Five days National Workshop on Private Cloud Implementation with Open Source Software

Sponsored by TEQIP-III

**2<sup>nd</sup> - 6<sup>th</sup> November 2017**

**Convenor**

**Dr.Themrichon Tuithung**

**Coordinators**

**Dr. R. Dhanalakshmi**

**Dr. Shouvik Dey**

**Mr. J. Arul Valan**



**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

The main objective of this workshop is to provide practical knowledge in cloud computing. This program covers installation and configuration of various cloud services using Openstack

## Topics Covered

- Introduction to Cloud Computing
- Cloud Models
- Scalability of Applications
- Openstack Installation and Configuration
- SDN
- IOT Cloud Platform
- Amazon web Services and public cloud services
- Distributed Data Collection using Flume
- Apache Hive
- Cloud Data Services

## Eligibility

Faculty  
Research Scholars  
Students