

REGISTRATION FORM

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DD Particulars:
Amount:
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[Demand Draft (DD) should be in favour of
“**Director, NIT Nagaland**”, payable at SBI
Chumukedima, Nagaland]

The filled registration form with scanned DD
should be sent to mail id:
dushmantakumardas@nitnagaland.ac.in on
or before Registration deadline.

Date: _____
Place: _____
Signature of the
Applicant

The Department of **Electrical and Electronics Engineering** is one of the major departments of NIT Nagaland. This department is offering four years B. Tech. and two years M. Tech (Power systems engineering) programmes. The department is facilitated with laboratories like Electrical Machines and Drives Laboratory, Power systems Laboratory, Data Acquisition Laboratory, Advanced Control Systems Laboratory, Power Electronics Laboratory, Embedded and Interfacing Laboratory, Measurement and Instrumentation Laboratory, Microprocessor and Microcontroller Laboratory etc.

ABOUT THE INSTITUTE

National Institute of Technology Nagaland, a premier institute of higher learning, is one of the thirty-one institutes established by the Ministry of Human Resource Development (MHRD), Government of India. The basic aim of the Institute is to provide quality technical education, conduct original research of high standards and provide leadership in technological innovations for industrial growth and primarily for enhancing the scope of technical education in the state of Nagaland. The Institute offers under graduate and post graduate programmes in various branches of engineering like Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering, Civil Engineering and Electronics and Instrumentation. The Research activities are focused in the thrust areas of Control Systems, Power Systems, RF Communication, Mobile Communication, Smart Grid, 5G Communication, Speech Processing, Nano-Devices, Big Data Analytics and Internet of Things.

A Week Long Workshop On “Computing with Words via Fuzzy logic with Applications”

Sponsored by
TEQIP-III

JANUARY 13-17, 2020

Organized by



**DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY
NAGALAND
CHUMUKEDIMA – 797103**

INVITED SPEAKER



Professor Ashok Deshpande is the founding Chair Berkeley Initiative in Soft Computing (BISC)-Special interest Group (SIG) Environment Management Systems (EMS) holds a PhD degree in Engineering and Technology. He worked with Professor Lotfi Zadeh, Father of Fuzzy logic at the University of California and the senior most engineer who is deeply involved in fuzzy set theory with applications for the last over 35 years. Ashok was Deputy Director, National Environmental Engineering Research Institute (NEERI) /CSIR. He is visiting Professor Essen University, Germany, University of British Columbia Kelowna Centre Canada and University of New South Wales, Canberra, Australia and Adjunct Professor College of Engineering Pune India, and NIT. Professor Ashok has over 4 decades of R&D experience and has over 120 publications in the Journals of international repute. In the past, Dr. Ashok was WHO Adviser, Common Wealth Science Council Resource Scientist, World Bank Project Director. Dr. Ashok has passion and mission to convey to world scholars that FUZZY LOGIC IS NOT FUZZY!

TOPICS COVERED

1. Mathematical Preliminaries of Fuzzy Set Theory, fuzzy oprtations, Type 2 Fuzzy sets, Fuzzy Arithmetic, - Fuzzy relational calculus - Fuzzy Supervised & unsupervised learning in classical environment - Fuzzy Modelling - Fuzzy inference system
2. Application of Fuzzy Logic in various areas of science and technology including medical disease diagnosis, educational data mining and development of fuzzy logic based instruments and alike.

ELIGIBILITY

- ❖ Faculty & (Educational Institutions)
- ❖ Student & Research Scholars
- ❖ Industry Persons

REGISTRATION FEES

Faculties: INR 2,000/-
Research Scholars: INR 5,00/-
Industry Person: INR 2,000/-

DD SHOULD BE SENT TO (ONLY BY SPEED POST)

Dr. Dushmanta Kumar Das
Head, Department of Electrical and Electronics Engineering, NIT Nagaland
Chumukedima - 797103.,Nagaland

IMPORTANT DATES

Registration Deadline: 07th January 2020
(DD in original should reach by 07th January 2020). **Selection of participants will be first come first basis as number of participants is restricted up to 40.**

HOW TO REACH

The campus is well-connected with all means of transportation. Dimapur Airport is 12.6 kms from the Institute and the distance of Dimpaur railway Station is about 17.6 kms.



PATRON

Dr. S. Venugopal
Director, NIT Nagaland

CONVENERS

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ORGANIZING COMMITTEE

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