N.M.A.M. Institute of Technology
Nitte

Department of
Electronics & Communication Engineering

A Five Day FDP on

Machine Learning & Its Applications in Engineering & Technology

2nd to 6th January 2018

REGISTRATION FORM

NAME :...

DESIGNATION :...

DEPARTMENT :...

INSTITUTION/ORGANIZATION :.......................................

MOBILE NO. :...

EMAIL ID :..

ACCOMODATION NEEDED : Yes / No

PLACE :

DATE   :

SIGNATURE OF   SIGNATURE OF THE HEAD
APPLICANT   OF THE INSTITUTION

Note : Send the scanned copy of the duly filled Registration Form to pradyumna@nitte.edu.in

Payment shall be remitted through Electronic Fund Transfer Facility to
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Note : Please add "FDP-ML-2018"/ delegate's name" in the Remarks/ Narration column.

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Mr. Subramanya Bhat

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N.M.A.M. Institute of Technology
Nitte - 574110
(An Autonomous Institution Under VTU, Belagavi)
(A Unit of Nitte Education Trust)
Karkala Tq., Udupi District, Karnataka.
Phone: 08258-281264 Fax: 08258-281265

A FIVE DAY
FACULTY DEVELOPMENT PROGRAM
on

MACHINE LEARNING & ITS APPLICATIONS IN ENGINEERING & TECHNOLOGY

2nd to 6th January 2018

Organized by

Department of
Electronics and Communication Engineering

About the Institute

N.M.A.M. Institute of Technology, Nitte, an autonomous Institution under Visvesvaraya Technological University (VTU), Belagavi was established in the year 1986 in memory of Nitte Mahalinga Adyanthaya, a distinguished engineer of the erstwhile Dakshina Kannada district in Karnataka. It is one of the constituent Institutions under Nitte Education Trust, Mangalore, which runs about 26 Institutions in various areas of education right from primary school to post-graduation centers, including professional courses like Engineering, Management, Medical, Nursing, Dental, Paramedical and others. Nitte University, a NAAC accredited A-grade University is run by the Nitte Education Trust founded by late Justice K.S. Hegde, a well-known judge of Supreme Court of India and former speaker of Indian Lok Sabha. The institute is also Accredited by NAAC with 'A' grade.

The institution is ISO 9001:2015 certified from NVT Quality Certification (ANAB Accredited) and is recognized as a lead Institute under TEQIP, a world bank sponsored project executed through MHRD, New Delhi. The Institute is having MOUs for research and project collaborations with Pennsylvania State University, USA, Ritsumeikan University, Japan and National University of Singapore, Singapore. NMAM Institute of Technology, Nitte offers undergraduate programmes in seven branches of engineering viz: Bio-Technology, Civil Engineering, Computer Science & Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering, Information Science & Engineering and Mechanical Engineering. All departments offer post-graduation programmes and have also been recognized as research centers for offering M.Sc. (Engg.) & Ph.D. programmes under VTU. The institute also offer post-graduation programmes in Master of Computer Applications and Business Management and Ph.D. programmes in Basic Sciences and Mathematics.

About the Department

Established in 1986, the Department of Electronics & Communication offers an Undergraduate Program with an intake of 180 students and Two Postgraduate Programs in Digital Electronics & Communication Engineering with an intake of 25 students and VLSI Design & Embedded Systems with an intake of 18 Students. The department is well-equipped with modern laboratories and has well-qualified and experienced faculty members.
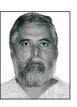
About the FDP:

The FDP focuses on:
- Building Mathematical background to the subject (Linear Algebra and Probability/Random process ideas)
- Machine Learning for Multibiometric Tasks

- Highlighting different aspects of Machine Learning
- Applications of Machine Learning in different fields-ECG, EEG, Weather Forecasting
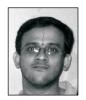- Hands on sessions using appropriate tools for machine

About the Speakers:

Dr. Ashok Rao holds a B.E., M.E. & Ph.D. all in Electrical Engineering from Mysore University (1982), Indian Institute of Science (IISc), Bengaluru (1985) and Indian Institute of Technology, Bombay (1991) respectively. He specializes in Digital Signal Processing and is known to be one of the leading figures in this area in India. In addition he teaches and researches in areas of Image Processing, Multimedia, Linear Algebra, Renewable Energy, Bio-Metrics, Appropriate Technology & Sustainable Development, Management, Archeology, Education & Academic Reforms and ICT. He has over 30 years of Teaching & Research Experience which includes: 6 years in IIT Bombay, 7 years in IISc Bengaluru , 4 years in NITK Surathkal, the rest in various places in India, Guided Ph.D's both in E & C and Computer Science areas and has over 100 publications. He is also a Solar Photo Voltaic (SPV) specialist having been trained by Siemens Solar California during 1996-1997. Earlier he was Head, Network Project at CEDT, IISc, Bengaluru from 1999-2005. It was a project funded by Swiss Agency for Development & Co-operation (SDC) and covered E & C Engineering education in whole of South India (Karnataka, Tamil Nadu, Andhra Pradesh & Kerala). He is also an Entrepreneur having successfully started and managed several IT & Renewable Energy companies during 1998 to 2011.

Dr. Mohammad Imran holds a Ph.D. from University of Mysore and post doctoral degree from Ministry of Higher Education, College of Applied Science, Sohar Oman. More than five years of experience in Research and development in the area of Machine learning. His focus is on implementing data mining and machine learning systems that solve real business problems. He is also an expert in statistical and linguistic methods for data mining, information extraction, classification and clustering. He was an Associate Consultant WIPRO Technologies, Bengaluru. Currently he is working as an Assistant Professor, College of Computer Science and IT, Saudi Arabia. His research areas include Machine learning, Pattern Recognition, Computer Vision, Biometrics, Image Processing, Predictive analysis, Algorithms, Data Structure and Linear Algebra.

Dr. Arulalan Rajan, holds a Ph.D. from IISc, Bengaluru. He is currently in the Faculty roll of the Dept. of E&CE at NITK, Surathkal. His research interests include Computational Linear Algebra, Number Theory and Applications, Signal Processing - Algorithms and

Architectures. Prior to joining NITK Surathkal, he was a Senior Lead at M/s Tektronix Engineering Development(P) India Limited, Bengaluru. He has also been a Research Associate at the IISc, Bengaluru. He has coauthored a book on Operational Amplifiers and its Applications, published by Texas Instruments.

Dr. Deepu Vijayasenan, holds a Ph.D. from EPFL, Lausanne and Post-Doctoral Degree from University of Saarbreucken, Saarland. Currently he is working as an Assistant Professor in Dept. of E&CE, NITK, Surathkal. His main interests include machine learning and speech signal processing.

Dr. Raghavendra, holds a Ph.D. from the IISc, Bengaluru and a Post-Doctoral degree from NCBS, Bengaluru. Currently he is working as Assistant Professor in the Dept. of E&CE, NITK, Surathkal. Prior to joining NITK he was a lead engineer, SAIT Samsung India, Bengaluru. His research areas include Signal/Time series analysis, Bio-informatics and pattern recognition Mathematical/ Computational biology.

Dr. Roshan Joy Martis, holds a Ph.D. from School of Medical Science and Technology of IIT, Kharagpur. He was a Research and Development Engineer at Ngee Ann Polytechnic, Singapore in a Ministry of Education funded project during 2012 to September 2014. Currently he is a Professor in E&CE at VCET, Puttur. He has published more than 50 articles in the peer reviewed, international journals having high impact factors. Currently he is an Editorial Board Member of Applied Soft Computing, Elsevier and Austin Journal of Cardio and Cardiovascular Case Reports. He is serving as a reviewer in fifteen Elsevier Journals in the area of Biomedical Signal Processing. He is a Senior member of the IEEE, USA.

Registration Fee:

Participants from Academia   : **Rs. 2500 /-**
Participants from Industry   : **Rs. 5000/-**
Last date for Registration - **20th December 2017**
(Total number of registrations is limited to 30, purely on first come first serve basis)

Accommodation:

Accommodation will be arranged on prior request for nominal charges.

How to reach:

The Institute is located on the Padubidri-Karkala State Highway which is well connected with Mangalore (60 Km) and Udupi/Manipal (45 Km) through NH66 & NH169. The participants can alight at Mangalore or Udupi Railway Stations/Bus Terminals, or Mangalore Airport to reach the Institute.

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