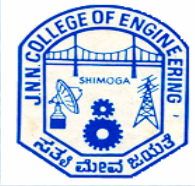


ONE WEEK FACULTY DEVELOPMENT PROGRAM ON

“MACHINE LEARNING AND APPLICATIONS”

22nd to 26th January, 2018

Organized by
Department of Information Science &
Engineering



National Education Society ®
J.N.N. COLLEGE OF ENGINEERING,
SHIVAMOGGA

IN ASSOCIATION WITH ISTE New Delhi, IETE,
& VTU Belagavi.
Supported by



Convener
Dr. Jyothi K.

Co-Conveners
**Mrs. Sowmya GV, Mrs. Deepa VB &
Mr. Girish Mantha**

WHO CAN ATTEND

The Program is open for Faculty members of Information Science, Computer Science, Master of Computer Applications, Electronics and Communication and Telecommunication Engineering faculty. The maximum number of participants is limited to 40. The Selection would be on first come first serve basis.

REGISTRATION AND ACCOMODATION

The Registration Fee of Rs.1000 for each faculty. The Registration fee can be paid through online or by cash to coordinators, the details of which are given below,

Bank: CANARA BANK
Branch: JNNCE CAMPUS, SHIMOGA
SB A/c No: 6322201000004
IFSC Code: CNRB0006322

The scanned copy of the filled application form should be sent to the convener through email. Accommodation on prior request may be arranged in the Student's Hostel on payment of Rs.1000/- (For five days including dinner and breakfast)

IMPORTANT DATES

Last Date of receiving Application : **19/01/2018**
Intimation to Candidates : **20/01/2018**

LOCATION

Shivamogga is the district Head quarters, located at a distance of 280 kms from Bangalore and is well connected by rail and road to all important cities and towns

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REGISTRATION FORM

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1. Name:
(In block letters)
2. E-Mail address:
Mobile No.:
3. Name & Address of the Institute /
Organization
4. Details of Registration Fee:
Amount Rs:
UTR/IMPS Ref No:
Date:
5. Accommodation required: Yes / No

Date: _____ Signature of Applicant
(Use the photocopies of the format if required)

ABOUT THE COLLEGE AND DEPARTMENT

Jawaharlal Nehru National College of Engineering, Shimoga was established in the year 1980 by the National Education Society, a pioneer society in Malnad region founded by freedom fighters of high repute. The College is affiliated to Visvesvaraya Technological University and is recognized by All India Council for Technical Education (AICTE). The College campus is spread over an area of more than fifty acres having all amenities to the needs of about 4000 students and 500 staff members. The Institution has well qualified staff and equipped to carry out research work in different disciplines of Engineering. Further, the Department of Information Science & Engineering has qualified and experienced staff members. Department has MoU's with Industries like Silfra Infotech Pvt. Ltd. and Qualitas Technologies Pvt. for gaining more exposure with industry, real time problems and solutions.

OBJECTIVES OF THE WORKSHOP

- Define machine learning and problems relevant to machine learning
- Differentiate supervised, unsupervised and reinforcement learning
- Apply neural networks, Bayes classifier and k nearest neighbor, for problems appear in machine learning
- Perform statistical analysis of machine learning techniques.
- Make use of Data sets in implementing the machine learning algorithms.

- Implementing the machine learning concepts and algorithms in any suitable language of choice.

WORKSHOP CONTENT

The sessions include lectures by experts from premier institutions and industry, discussions and hands on sessions. The topics covered are according to the new CBCS subject (15CS73) introduced by the VTU, Belagavi and respective Lab (15CSL76). Industry Experts from Silfra Infotech Pvt. Ltd. and Qualitas Technologies Pvt. Ld. Will give special sessions on current research & future of Machine learning. Overall workshop will be 40% theory and 60% Lab sessions. Topics will be covering from the syllabus and real-time examples also.

RESOURCE PERSONS

Dr. Manish Kumar Jain,

Dr. Manish Kumar Jain, is a corporate trainer & technical speaker. He did his PhD from University of Glasgow, Scotland in Cloud Computing / BigData. He is having over 12 years of experience as a corporate trainer in industry. Worked for Infosys Limited, Bangalore for 5 years, He specializes in Machine Learning/ IOT/ Bitcoin Block chain/ AI / Big Data/ Industry 4.0/ Cloud Computing/ Hadoop/ Data Sciences etc. He is a part of "Smart city" implementation project from Gov. of India (IOT Consultant). He has represented in innumerable national & international conferences. Apart from helping many well known organizations with projects, he

has provided training to various government departments including Indian Army, State intelligence, Digital India and smart city project. He has trained around 5000 students and over 4000 working professionals till date.

KEYNOTE SPEAKERS

Experts from Silfra Infotech Pvt. Ltd. Bengaluru (www.silfratech.com) and Qualitas Technologies Pvt. Ld. Benagaluru (<http://qualitastech.com>) will deliver lectures about Machine vision and Artificial Intelligence on which they are working.



For further details, contact

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