Registration Form
One Week Short Term Program
On
Machine Learning and its Applications
at Computer Engineering Department
BVM Engineering College
18th to 23rd December 2017

LAST DATE FOR REGISTRATION: 14th Dec, 2017

Name: 
Designation: 
Department: 
Highest qualification: 
Teaching Experience: 
Institutional address: 
E-mail: 
Mobile No.: 
Accommodation required: Yes / No
Payment mode: Cash / DD
Bank: Amount: 
DD No.: Date: 

I will attend the STTP for the entire duration. I also undertake the responsibility to inform the coordinator sufficiently in advance, in case I am unable to attend the workshop.

Signature of Applicant: 
Signature & Seal of the Head of Department/Institute: 

Organizing Committee
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Dr. C. L. Patel
(Hon. Chairman, CVM & BoG BVM)

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Dr. D. C. Jinwala, SVNIT
Dr. Amit Ganatra, CHARUSAT

Program Team Members
S. A. Bakhru | P. B. Swadas
M. I. Hasan | H. D. Vasava | B. A. Tanawala
K. J. Sharma | U. K. Jaliya| Pranay Patel

TEQIP-III Sponsored
One Week Short Term Training Program
On
Machine Learning and its Applications

18th to 23rd December 2017

Organized by
Computer Engineering Department
BVM Engineering College

President
Dr. Indrajit Patel
(Principal, BVM Engineering College)

Convener
Dr. Darshak G. Thakore

Program Coordinators
Dr. Mayur M. Vegad
Dr. Narendra M. Patel
Prof. Mahasweta J. Joshi

Birla Vishvakarma Mahavidyalaya
(Autonomous Engineering College)
To cover an overview of machine learning algorithms and their applications.
To obtain deep insight of machine learning.
To apply concept of machine learning in practice or as a foundation to a deeper study in this area.
To give exposure on basics and recent advances in Machine Learning to the teaching and research community.

Course Contents
- Introduction to Machine Learning (ML).
- Hand-on training on Matlab.
- Introduction to data mining.
- Types of classification, supervised and unsupervised learning.
- Statistical pattern recognition techniques-SVM, KNN etc.
- Dimensionality reduction techniques
- Optimization techniques like PSO, DE.
- Clustering algorithms like KNN.
- Applications in image processing, data mining etc.

Course Outcome
On completion of the STTP, participants will be expected to:
- Have a good understanding of the fundamental issues and challenges of machine learning
- Understanding of the strengths and weaknesses of machine learning approaches.
- Appreciate the underlying mathematical relationships within and across Machine Learning algorithms and the paradigms of supervised and un-supervised learning.
- Be able to design and implement various machine learning algorithms in a range of real-world applications.

Resource Persons
The resource persons for the program will include experts from industries and prestigious institutes like IIT, NIT, DAIICT, NID etc.

Brochure is also available on www.bvmengineering.ac.in

Who should attend?
The training program is open for faculty members of AICTE approved Engineering colleges working in the departments of Computer Engineering/IT/Electronics/EC/ET & related disciplines and engineers from Industry.

Registration Details
The registration fees is to be paid in the form of a demand draft drawn in favor of “The Principal, BVM Engineering College” payable at V. V. Nagar.

The registration fees:
For Faculty : 1,000/-
For participants from industries : 5,000/-

Important Dates
- Last date for receipt of application with DD : 14/12/2017
- Date of Intimation (through e-mail only) : 15/12/2017

Address for Correspondence
The Coordinators,
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BVM Engineering College,
Vallabhbhidyanaagar – 388 120
E-mail bvm.cpdept@gmail.com

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