

## CERTIFICATE FROM SPONSORING AUTHORITY

Certified that the above applicant is studying/working in our organization and the information stated by him/her is verified and found correct. We therefore, sponsor him/her to attend the workshop organized at your institute

Date : Signature of Sponsoring  
Place : Authority with Seal

## HOW TO APPLY

The applicants are required to confirm the participation through below mentioned google form:

<https://goo.gl/y4oedo>

Additionally, send the scanned/hard copy of duly filled application form along with certificate from sponsoring authority to the coordinator on or before October 5, 2018 via email or post/courier at the following address.

### Address for Correspondence:

**Information Technology Department**  
Vishwakarma Government Engineering College  
Nr. Visat Three Roads,  
Chandkheda, Ahmedabad-382424  
Gujarat, India.

**Email Address:** [it\\_sttp@vgecg.ac.in](mailto:it_sttp@vgecg.ac.in)

## ABOUT THE INSTITUTE

Vishwakarma Government Engineering College, Ahmedabad, since its inception in 1994 is a front runner into academics. Moreover it is a leading institute in terms of social initiatives and services with its NSS branch. It excels into academics with committees like IEEE Student chapter, IIEI Student branch and VLab committee. VGEC has

a very good industrial tie-up and consistent placement record. VGEC is an active participant in various government schemes and projects like SSIP, Digital India Campaign, etc.

## ABOUT THE DEPARTMENT

The Information Technology Department is a backbone of VGEC's events and initiatives. Teaching staff here is a good blend of experienced and young faculty members having studied from IITs and NITs. Department has developed and supporting software applications like Student Portal, Placement Portal and Registry Portal. Students are encouraged and supported to actively participate in various curricular and non curricula activities at state and national level. Recently a team stood second in Smart Gujarat Hackathon-2018.

## ORGANIZING COMMITTEE

### Patron

Prof. (Dr.) Rajul Gajjar  
Principal-VGEC, Chandkheda

### Coordinator

Prof. (Dr.)Vibha Patel

HOD – Information Technology Department

### Co-Coordinators

Prof. Safvan Vahora  
Prof. Jashvant Dave

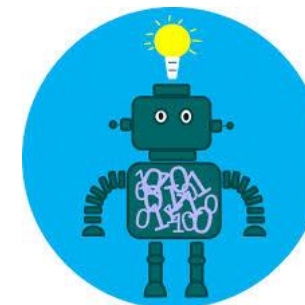
### Team Members

Prof. Chirag Patel	Prof. Shailesh Moliya
Prof. Shailesh Panchal	Prof. Dhaval Varia
Prof. Anoop Patel	Prof. Nikunj Gamit
Prof. Jignesh Vaniya	Prof. Naimisha Trivedi
Prof. Dipak Patel	Prof. Tushar Parmar
Prof. Usha Yogi	Ms. Rashmi Chauhan



## DTE approved GUJCOST Sponsored One Week State Level FDP/Workshop

On



## Applied Machine Learning: A Practical Based Approach

October 15-20, 2018

### Organized by

Information Technology Department  
Vishwakarma Government Engineering College  
Chandkheda, Ahmedabad

**Website:** [www.vgecg.ac.in](http://www.vgecg.ac.in)

## OBJECTIVE OF THE PROGRAM

This workshop is intended to provide participants with a detailed knowledge about various concepts of Machine Learning and its Application. Workshop is organized to provide a platform for the participants to investigate new solutions to scientific problems occurring in the various topics related to machine learning in the domain of impaired people assistance.

## OUTLINE OF CONTENT

- Introduction to Machine Learning, Various applications of Machine Learning.
- Linear Regression, Linear Algebra, Linear Regression with Multiple Variables, Different Regularization Methods.
- Dimensionality reduction techniques, SVD/PCA, Multi-dimensional scaling
- Binary classifiers and error-correction codes, K-means, DT clustering, Decision tree learning, Naïve bayes theorem, Parameter optimization methods.
- Linear SVM, Non Linear SVM, Use of Kernel in SVM.
- Artificial Neural Networks: perception, MLPs, back propagation, Introduction to Deep Neural Network

## RESOURCE PERSONS

Course faculty consists of eminent experts from premier institutes and industries apart from in-house faculty in the area of Machine Learning.

## IMPORTANT DATES

Receipt of Application : 30/09/2018  
Confirmation of Selection : 03/10/2018

## FOR WHOM

Interested students / faculty members from technical institutions are requested to fill up the attached application form and return it to the Coordinators in duly signed hardcopy or scanned copy.

## COURSE REGISTRATION FEES

**Student** 500/-  
**Faculty / Other** 2000/-

Registration fee includes Course material, Lunch and High Tea. Participants are required to make their own arrangements for lodging, boarding and travelling.

### For further details, contact:

Prof. Safvan Vahora  
Mobile: 07383714096

Prof. Jashvant Dave  
Mobile: 09998994950  
Email: it\_sttp@vgecg.ac.in



## Vishwakarma Government Engineering College

### APPLICATION FORM

DTE approved GUJCOST Sponsored  
One Week State Level Workshop  
On

### “Applied Machine Learning : A Practical Based Approach”

October 15-20, 2018

1. Name: Mr./Ms.....
2. Semester: .....
3. Department: .....
4. College: .....
5. Address of Correspondence: .....

Phone: ..... Mobile:.....

Email: .....

Date: ..... Payment Ref. No:.....

Signature  
of  
Participant



Seal and  
Signature of  
Head of  
Department  
/Institute