

**Two Days Seminar  
on  
“Optimization and Prediction of  
Parameters using ANN and GA”  
20<sup>th</sup> and 21<sup>st</sup> July, 2018.**

**At**  
Mechanical Engineering Department,  
A. D. Patel Institute of Technology



**Sponsored By**  
The Institution of Engineer (India),  
Vallabh Vidyanagar Local Chapter



**A. D. Patel Institute of Technology**  
GIDC Phase – IV, New V. V. Nagar,  
Vithal Udyognagar – 388121,  
Anand, Gujarat.  
Ph. No: (02692) 233680

### **THE MANAGEMENT**

Charutar Vidya Mandal (CVM) established in 1945 as a registered charitable trust, has been striving ever since for the upliftment of rural society through education. Today, CVM manages over forty five educational institutes under the chairmanship of *Er. Bhikhubhai B. Patel.*

### **THE INSTITUTE**

A. D. Patel Institute of Technology (ADIT) is a third engineering college established by Charutar Vidya Mandal, V.V. Nagar in newly developed educational township known as New Vallabh Vidyanagar. Institute is running eight UG programmes viz. Automobile Engineering, Computer Engineering, Electrical Engineering, Electronics and Communication, Food Processing Technology, Civil Engineering, Information Technology and Mechanical Engineering and three PG programmes viz. M. E. (Mech - Thermal and CAD/CAM) and M. E. (EC).

### **HOW TO REACH NEW V.V. NAGAR**

Anand (milk city of India) is well connected by road as well as by rail. Anand railway station is 35 kms from Baroda towards Ahmedabad. New Vallabh Vidyanagar is 8 kms from Anand Railway Station/Anand Bus Stand and 3 kms from the well known educational township Vallabh Vidyanagar.

### **WORKSHOP THEME**

Artificial intelligence is a specialized technique in which human brain behavior is tried to imitate by hardware or software to analyze the problem domain to predict the performance of the system under study using the available experimental data. It is now-a-days widely used in industry. It will be useful to students for their project work.

### **WORKSHOP CONTENTS**

- Introduction to AI and Machine Learning
- Introduction to Artificial Neural Network
- Case Study: Application of ANN.
- Case Study: Application of Genetic Algorithms
- Practical Demonstration and Implementation

### **PROGRAMME FACULTY**

Experts will be senior and experienced faculty possessing sound academic and industry experience.

### **ELIGIBILITY**

UG/PG/Diploma Engineering students from Mech/Auto/FPT/Civil/Prod/Manu/CH branch of engineering, faculty members and persons from the industry can participate in the workshop.

## REGISTRATION

*Please send your application on or before 14<sup>th</sup> July 2018.*

The quick registration can be done by filling the google form: <https://goo.gl/C3KdGR> with paper work to follow later.

As only 40 seats are available, registration will be done on first come first serve basis.

## REGISTRATION FEES

There is no registration fee. Learning material and E-certificate will be distributed to students **who have attended all the sessions** through email.

## SEND APPLICATION TO

**Sahil Vohra and Dhruvi Shah**  
**Mobile : 8866272187**  
Student Coordinator  
Department of Mechanical Engineering  
A. D. Patel Institute of Technology  
GIDC Phase – IV, New V. V. Nagar,  
Vithal Udyognagar – 388121, Gujarat  
**E-mail:** seminar.me.adit@gmail.com

## ORGANIZING COMMITTEE

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Charutar Vidyamandal, V. V. Nagar.

### Patrons

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Er. M. J. Patel, Hon. Jt. Secretary,  
Dr. Nikhil Zaveri, Director General,  
Charutar Vidyamandal, V. V. Nagar.

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Dr. Rajiv Bhatt, Secretary,  
The I. E. (India) V V Nagar Local Centre

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### Technical Program Chair

Prof. Vasdev Singh, ADIT

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Dr. N. K. Chavda

### Student Co-ordinators

Sahil Vohra                      Dhruvi Shah

### Organizing Secretaries

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Prof. S. R. Pandya

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Prof. Bala J. Dutt	Prof. Bhavesh Solanki

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## REGISTRATION FORM

Name of Delegate:

Designation:

Branch of Engineering:

Organization/ Institute:

Date:

E-mail:

Phone/ Mobile:

Date:

Signature of Applicant:

**(Head of the Dept. or Institution)**

**NOTE : E certificate and Learning Material will be issued to the participants who have attended all the sessions.**