

ABOUT US

CVM University

Charutar Vidya Mandal (CVM) was established in 1945 as a charitable trust with the prime objective of rural development through education to bring about social awakening, social escalation and enrichment. Spread over an expanse of 700 acres, CVM University, a state private university, Gujarat, houses world-class infrastructure that nurtures innovation, and creativity leading to life-long development and upliftment of society. CVM University has a rich legacy of knowledge that aims to enlighten the future generations by inspiring innovation and futuristic thinking for a better tomorrow.

A.D. Patel Institute of Technology

A. D. Patel Institute of Technology (ADIT) is an Engineering College established in the year 2000, affiliated to Charutar Vidhya Mandal University. The institute is spread over a 40-acre campus called New Vallabh Vidyanagar campus. We are a constituent college of one of the largest private universities of Gujarat "CVM University". We currently offer 11 undergraduate programs and 6 postgraduate programs. We are committed to providing quality education to students and constantly strive for their better results aimed at holistic development of students.

Department of Computer Engineering, ADIT

The Department of Computer Engineering was established in the Academic Year 2000. The department faculty are highly qualified and hold Ph.D. degrees from premier institutions. The Department of Computer Engineering offers two undergraduate degree programs viz. Computer Engineering and Computer Science and Design, both of which offer diverse career paths in the field of advanced software development, hardware solutions and several other related areas to address the challenges and opportunities with the fast challenging global needs. The department is credited with several prestigious accolades and awards like Smart India Hackathon (3 times), Devang Mehta IT Awards (4 times), TCS Enginx, etc to name only a few. The department is thriving to achieve excellence in academics and holistic development of students with its vision and mission.

STEERING COMMITTEE

Chief Patron

Er. Bhikhubhai Patel, President, CVMU and
Chairman CVM

Patrons

Shri Manishbhai S Patel, Vice President CVM;
Dr. S. G. Patel, Hon Secretary CVM;
Shri Mehul D. Patel, Hon Jt. Secretary CVM;
Shri Vishal H. Patel, Hon Jt. Secretary CVM;
Prof. (Dr.) Prafulkumar Udani, Director
General, CVM University

Convener

Dr. Vishal Singh, Principal, ADIT

Co-Convener

Dr Bhagirath Prajapati
Head, Computer Engineering

Coordinator

Dr. Gopi Bhatt
Program Coordinator
Computer Science and Design

Co-Coordinator

Prof. Siddharth Shah
Computer Science and Design

IT Steering Committee

Prof. Kurtkoti Aniruddha, Prof. Nayan Mali
Prof. Thakkar Prerak, Prof. Pandya Anand

CORRESPONDENCE

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One Week FDP
on

“Trends, Perspectives and Prospects
in Machine Learning and its
Applications”

26th Sep 2022 - 1st Oct 2022



ORGANIZED BY

DEPARTMENT OF COMPUTER ENGINEERING
A.D. PATEL INSTITUTE OF TECHNOLOGY
(A CONSTITUENT COLLEGE OF CVM UNIVERSITY)



IN ASSOCIATION WITH



About Faculty Development Programme (FDP)

The purpose of this FDP is to introduce and upskill the attendees to Machine Learning and to familiarize them about the development of various applications that employ it. As these Apps are highly demanded in today's industry and society, there is a need to investigate various automation research prospects. This FDP will give a unique forum for faculty members conducting or preparing to undertake research in specified fields to expand their horizon. This FDP will aid in sharing and exchange of ideas, as well as in identification and discussion on relevant possibilities.

Targeted Participants

Seats are limited. The participants can be students, professors, research scholars, industry personnels from various institutions/organizations from across India. It is also helpful for those who are seeking to learn and adopt Advanced Technologies in pedagogy and in research.

Contents of FDP

Importance of Machine Learning and applications of AI and ML

Automated face mask detection using AI and Deep learning model

Convolutional Neural Networks

Unsupervised Learning

Gaussian Mixture Models

Hidden Markov Models

Automated Driving Car

Automated Parking System

Visual Transformers

Generative Adversarial Networks

Basics of NLP and its applications and Use Cases

Applications of AI and ML - Industry Perspective

Resource Persons



Dr. Apurba Das

Head, Cognitive AI
Tata Consultancy Services
Bengaluru, India

Jaimin Bhoi

Systems Engineer, Cognitive AI
Tata Consultancy Services
Bengaluru, India



Mohammed Jeeranwala

Senior ML Engineer
VeBuIn Pvt. Ltd.

Dr. Safvan Vahora

Assistant Professor
GEC, Modasa



Dr. Parth Mehta

NLP Research Scientist
Permonic

Palak Thakur

Senior Engineer
Qualcomm



Jeni Shah

Senior ML Engineer
Freshworks

REGISTRATION DETAILS

All participants/ attendees [Student (UG/PG); Research Scholars/ Faculty/ Industry Personnels] need to register latest by 22nd September 2022.

Registration Amount Free

<https://forms.gle/bXrzU8vIGDNEtwXaA>

