

Chief Patron

Shri Kiritbhai N. Patel
(Secretary)

Shri Bharatbhai S. Patel
(Co-Secretary)

Program Coordinator

Dr. Dhaval A. Jadhav
(Professor & Principal)

Program Co-coordinator

Dr. Ankit D. Patel
Associate Professor
MCA Department



Registration :

(There is no registration fee to attend this FDP)

For registration, participants are required to Sign up at the AICTE portal https: //www.aicte-ndia.org/atal After registration, you can apply for FDP with your login Credentials

(Lumpsum TA would be provided to participants travelling from more than 20 KM as per AICTE ATAL Norms)

Contact Us

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VIDYABHARTI TRUST COLLEGE OF MASTER IN COMPUTER APPLICATION,
MANAGED BY VIDYABHARTI TRUST,UMRAKH -BARDOLI

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MCA Department

Organized

AICTE Training and Learning (ATAL)

Sponsored One Week (Offline)

FACULTY DEVELOPMENT PROGRAMME

on

AI-Powered Future: Enhancing Teaching, Research and Innovation

18th to 23th August, 2025



All India Council for Technical Education (AICTE)

All India Council for Technical Education (AICTE) was set up in November 1945 as a national-level apex advisory body to conduct a survey on the facilities available for technical education and to promote development in the country in a coordinated and integrated manner.

AICTE – Teaching and Learning (ATAL)

In AICTE – Teaching and Learning (ATAL) academy, the main objective is to plan and help impart quality technical education in the country and to support technical institutions fostering research, innovation and entrepreneurship through training in various emerging areas. This academy aims at calculating the drive for research and knowledge enhancement among the faculty members and research scholars, PG Scholars and industry persons.

About The Institute

Vidyabharti Trust has been a name synonymous with quality education for over four decades near Bardoli in Surat district. It has evolved as a symbol of excellence, dedicated to nurturing the talent and aspirations of the bright youth of our nation. The Trust established Vidyabharti Trust College of MCA (VBTMCA) in 2018. The institute is approved by AICTE, New Delhi, affiliated with Gujarat Technological University (GTU), Ahmedabad. (NAAC Accredited A+ Govt. University). **The institute is also recognized with UGC act prestigious 2(f) status adhering to its academic standards and policies.** With a vision to educate and train future professionals to excel in today's competitive landscape, the institute offers MCA, MBA, and Integrated MSc.IT programs, aligning with the needs of globalization and industrial transformation.

About Department

Master of Computer Application Department (MCA) was established in the year 2018, with the objective of imparting quality education in the field of Computer Science. The department started with a 2 year post graduate program with the aim to develop core competence in the field and to prepare the students to carry out development work, as well as take up challenges in industries and research areas. The curriculum has designed keeping industrial and research needs in view, as well as the rapid development in the IT industry.

Objective

- Enhancing Education: AI enables personalized and adaptive learning tools, improving student engagement and outcomes..
- Advancing Healthcare:It enhances diagnostics, predictive analytics, and personalized therapy for better patient care.
- Social Welfare: AI supports policy-making through community-based initiatives.
- Smart Governance: AI streamlines governance with intelligent city infrastructure and data-driven decision-making.
- Business & Entrepreneurship: It fosters innovation, automates tasks, and enhances efficiency.
- Ethical Implementation: Ensures responsible AI use, prioritizing fairness, transparency, and inclusion.
- Industry Transformation: AI automates complex tasks, improving productivity across sectors.
- Sustainable Development: Encourages inclusive technological growth for long-term societal benefits.
- Human-Centric Approach: AI drives ethical progress, transforming learning, healthcare, governance, and creativity.

Expected Outcomes

- AI in Education: Faculty will gain hands-on experience in AI applications across various fields.
- Enhanced Pedagogy: Educators will integrate AI-driven tools to boost student engagement and learning outcomes.
- AI in Healthcare: Participants will explore AI's role in patient care, disease detection, and medical research.
- Public Policy & Social Programs: Faculty will learn AI-driven strategies for policy-making and resource allocation.
- Smart Governance: AI solutions for urban management, crime detection, and public administration will be examined.
- Business & Finance: Faculty will gain insights into AI applications in entrepreneurship, marketing, and fintech.
- Ethical AI: Educators will develop responsible AI strategies promoting fairness, inclusivity, and compliance.

Course Content

AI Fundamentals and Multidisciplinary Applications
AI in Education and Skill Development
AI in Healthcare and Medical Research
AI for Social Welfare and Sustainable Development
AI in Governance and Smart Cities
AI in Business, Finance, and Entrepreneurship
Ethical and Responsible AI Implementation
Hands-on AI Workshops and Project Development

Course Outline

6 days course
11 offline sessions.
1 industrial visit
5 research article sessions.
online test
feedback

Resource Persons

Resource persons for the Faculty Development Programme are Experts from the relevant Industries and Faculties from IITS, NITs and other reputed institutes.

Who can Attend

The Faculty member, Research Scholars and PG Students from AICTE approved institutions are eligible for this FDP. There is no registration fee to attend this FDP

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ATAL-FDP
AI-Powered Future: Enhancing Teaching, Research and Innovation

FDP EXPERT SPEAKERS



Dr. CHETAN BHATT
Principal
Government Engineering College
Gandinagar
Session Title
AI in Agriculture



DR. SUDEEP SHARMA
Assistant Professor of Electronics and Communication Engineering (ECE)
IIIT Surat
Session Title
AI in Education and Learning



Dr. RONAK PANCHAL
Senior Associate - Projects
Cognizant, Pune
Session Title
AI in Entrepreneurship Ethical and Responsibility



Dr. VIVAKSHA JARIWALA
Professor
Sarvajanik College of Engineering and Technology, Surat
Session Title
AI Implementation Hands-on AI Workshops and Project Development



Dr. RAJENDRA PATIL
Director
PITASYS Software Pvt. Ltd., Mumbai
Session Title
AI for Social Welfare and Sustainable Development



Dr. AMIT GANATRA
PROVOST (Vice Chancellor)
Parul University
Session Title
AI in Skill Development



Mr. ANKIT NAIK
AI & Digital Transformation Leader
GE Vernova, India
Session Title
AI Fundamentals and Multidisciplinary Applications



MR. JAY DESAI
Co-Founder,
Bosleo LLC
Session Title
AI in Healthcare



Prof. KARAN BHATT
Assistant Professor, GES-II
Vishwakarma Government Engineering College, Ahmedabad
Session Title
AI in Financial Technology Challenges



Mr. ASHISH CHELANI
High Impact Delivery Manager
1Rivet India, Valsad
Session Title
Ethical and Responsible AI Implementation



Life Skill Session Invitee
Dr. Trupti Almoula
Former Director
Professor & Dean, GTU



Program Coordinator
Dr. Dhaval A. Jadhav
Professor & Principal



Program Co-coordinator
Dr. Ankit D. Patel
Associate Professor
MCA Department



Committee Chair
Prof. Rignesh B. Tambakuwala
Assistant Professor
MCA Department

TO REGISTER

https: //www.aicte-india.org/atal

ORGANIZING COMMITTEE



Prof. Kajal Patel
Assistant Professor



Prof. Priyank Patel
Assistant Professor



Prof. Mihirraj Thakor
Assistant Professor



Prof. Dhruvi Prajapati
Assistant Professor



Prof. Soham Patel
Assistant Professor



Dr. Yatin Patel
Assistant Professor



Prof. Khushboo Trivedi
Assistant Professor



Prof. Neha Solanki
Assistant Professor



Prof. Vrushali Bharkhada
Assistant Professor