

GHARDA INSTITUTE OF TECHNOLOGY

Lavel, Khed, Dist: Ratnagiri, Pin: 415708

NAAC Accredited A



AICTE Training and Learning (ATAL)

Academy

Faculty Development Programme on

**“Integrating AIML and Computational
Techniques: Transforming Innovation in
Engineering and Sciences”**



(03rd Nov 2025 to 8th Nov 2025)

Jointly Organized by-

**DEPARTMENT OF COMPUTER ENGINEERING &
DEPARTMENT OF MECHANICAL ENGINEERING**

Website: www.git-india.edu.in

Eligibility Of Participants

The faculty members, Research scholars & PG Scholars of the AICTE approved institutions and Industry Personnel.

Registration Procedure

No Registration Fee: Sponsored by AICTE Training and Learning (ATAL) Academy.

❑ Interested participants can register using the following link:

<https://atalacademy.aicte-india.org/login>

Step 1: Sign-Up

Step 2: Select the Role ‘Participant’

Step 3: Click on Workshops / FDPs

Step 4: Select ‘Integrating AIML and Computational Techniques:

Transforming Innovation in Engineering and Sciences”

Step 5: Click on the plus (+) sign button to register. Participants will be selected on first come first serve basis.

Step 6: Upload NOC ([Format](#))

FDP Objectives

- Introduce Machine Learning applications in engineering and science.
- Equip faculty with ML fundamentals and advanced techniques.
- Provide hands-on experience with AIML tools and frameworks.
- Explore research methods, pedagogy, and AI trends.

Institute Vision

- To play a distinct role in transforming individuals in to Engineering professionals for betterment of society.

Institute Mission

- Impart knowledge through relevant curricula.
- Develop skills to apply knowledge to profession for betterment of society.
- Create awareness and understanding of continuous learning.

FDP Contents

- Fundamentals of AI ML & its Applications
- Deep Learning basics & Application ‘s of Recurrent Neural Network
- Generative AI: Techniques, Applications, and Hands-on Implementation
- AIML in Civil Engineering: Smart Infrastructure, Structural monitoring
- Transformation in Pharmaceutical Industries
- AIML in Mechanical Engineering
- AI tools in Academic and Industry
- AI in Security & Privacy
- Transforming Finance with explainable AI
- AI in Healthcare
- AI in Agricultural Sector
- NEP-2020 & AI-based Pedagogy: Integrating AI in Teaching

Organizing Committee

Prof. Kranti M. Gajmal

Prof. Vaishali N. Rane

Prof. Swaleha F. Shaikh

Prof. Sarika N. Vailali

Prof. Shraddha R. Gopal

Prof. Priti A. Sadapure

Prof. Mayuri K. Nivekar

Mr. Amol P. Salunkhe

Mr. Prashant R. Pendharkar

About GIT

GIT is the first college having NAAC Accreditation with A grade in Cycle-II in Konkan region. The principle objective of the Gharda Foundation is "To carry on activities for the benefits and development of residents of rural India by application of all suitable means available with focus on issues like health, literacy, non formal education, social awareness, agriculture, technical education etc. on its own or by joining hands or by helping likeminded NGO's". Establishment of Gharda Institute of Technology (GIT) in a typical rural sector is also a step in line with the philosophy of Gharda Foundation. GIT has provided world class infrastructure, modern equipment including Interactive Panel, Smart Boards, advanced laboratories, experienced & dedicated and highly qualified teachers, modified syllabus to suit changing environment, hands-on experiences in workshop to faculty members and arranging pre-entrance preparatory workshops for students. GIT has five NBA Accredited disciplines: Computer, Mechanical, Civil, Chemical, EXTC and new Emerging branch CSE-AIML Engineering.



Resource Person (Academician)

- Dr. Anant B. Marathe, Ex-Principal, HVPM COET, Amravati
- Dr. Raman R. Bane, Principal, YBIT, Sawantwadi, Sindhudurg
- Dr. Bhushan Jadhav, Associate Professor, TSEC, Mumbai
- Dr. Anjali Yeole, HOD & Associate Professor, VESIT, Mumbai.
- Dr. Vikas R. Khalkar, Associate Professor, Dept of Mechanical Engg, GIT, Lavel, Ratnagiri
- Dr. Jyoti V. Khalkar, HOD Computer Engg., GIT, Lavel, Ratnagiri

Resource Person (Industry)

- Ms. Jayashree Vispute, Sr. Consultant & Product Mgr, Silicon Valley Bank, US.
- Mr. Sunil Pallapolu, Sr. Manager (AI), US Bank, Atlanta, US.
- Mr. Yogesh Shivde, Founder & CEO, SecurWires Tech. and Services LLP, Thane.
- Mr. Tushar Jagadale, Co-Founder of Living Things, Rahul Bajaj Technological Innovation Center, IITB, Mumbai
- Mr. Uday Prakash Mithapelli, Data Scientists, Bond.AI, Pune
- Mr. Amaya Joshi, Sr. Manager, CitiTech Healthcare Tech Pvt Ltd., Mumbai
- Mr. Sandesh Mahamure, Sr. Software Engi, Technack Tech PvtLtd.(iMocha), Pune

Address for Correspondence

Prof. Rajkumar B. Pawar- +91 9921737394
rbpawar@git-india.edu.in
Prof. Vaishali N. Rane - +91 9579060181
vnrane@git-india.edu.in

Patrons

Late Hon. Padmshree Dr. K. H. Gharda
Chairman, Gharda Institute of Technology.
Dr. Pramod B. Patil
Principal, Gharda Institute of Technology.

Convenor

Dr. Jyoti Vikas Khalkar,
HOD, Dept of Computer Engineering.
Dr. Bhartesh A. Danawade,
HOD, Dept. of Mechanical Engineering

Coordinator

Dr. Vikas Khalkar, Associate Professor
Dept. Of Mechanical Engineering, GIT.

Co-coordinator

Mr. Rajkumar B. Pawar, Asst. Professor
Dept. Of Computer Engineering, GIT.

Key Highlights

- **No Registration** fee for any participant.
- **Online mode FDP.**
- Test will be conducted at the end.
- Participants will be selected on First come first serve basis (FCFS).
- Selected candidates will be intimated by email only.
- **Certificate Criteria:** 100% attendance and scored minimum 80% marks in the test.
- Certificate will be issued by AICTE Training and Learning Academy (ATAL) after filling feedback.