

Faculty Profile
Department of AIML



Dr. Ketan Kotecha

Professor & Director SIT Pune,
Ph.D (IIT Bombay)
Dean, Faculty of Engineering
Head, Symbiosis Centre for Applied Artificial Intelligence
Email: director@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Computer Algorithms
- Machine Learning
- Deep Learning Higher Order Thinking Skills & Critical Thinking

Specific areas:

- Artificial Intelligence
- Deep Learning

Research Profiles:

- Google Scholar: [Google Scholar](#)
- Researcher ID : [Researcher ID](#)
- ORCID : [ORCID](#)
- Vidwan : [Vidwan](#)

Total work experience : 28 Years

Paper Published : 421

Patent Published : 14

Consultancy Project : 08

No. of PhD. students: 19: Awarded, 05: Ongoing



Dr. Tanveer Ahmed

Associate Professor & Deputy Director Administration, SIT Pune
Email: dydirectoradministration@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Computer Algorithms
- Machine Learning

Specific areas:

- Artificial Intelligence
- Deep Learning and NLP

Research Profiles:

- [Google Scholar](#)
- Researcher ID
- ORCID
- Vidwan

Total work experience : 08 Years

Paper Published : 45

Patent Published :

Consultancy Project :

No. of PhD. students : 02 Awarded, : 01 Ongoing



Dr. Sumit Kumar

Professor and Head AI&ML
PhD, M. Tech., B. Tech.

Email: headaiml@sitpune.edu.in , kumar.sumit@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Applied AI

Specific areas:

- Deep Learning
- IoT
- Computer Vision
- Image Processing

Research Profiles:

[Google Scholar](#)

[ORCID](#)

[Researcher ID](#)

[Vidwan](#)

Total work experience: 18 Years

Paper Published : 74

Patent Granted : 01

Consultancy Project : Nil

No. of PhD students : Awarded: 02, Ongoing: 06



Dr. Anupkumar M Bongale

Professor, AIML

Ph.D., M. Tech., B.E.

Email: anupkumar.bongale@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Artificial Intelligence

Specific areas:

- Machine Learning in FinTech
- Time Series Analysis
- Exploratory Data Analysis

Research Profiles:

- [Google Scholar](#)
- [Researcher ID](#)
- [ORCID](#)
- [Vidwan](#)

Total work experience : 13 Years

Paper Published : 44

Patent Published : 1



Dr. Anjali More

Associate Professor, AIML

PhD, ME, BE

Email: anjali.dalvi@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Artificial Intelligence Machine Learning and Deep Learning
 - Predictive Maintenance

Specific areas:

- Data Science
- Deep Learning
- Data Analytics

Research Profiles:

- [Google Scholar](#) : [Google Scholar](#)
- [Researcher ID](#) : [Researcher ID](#)
- [ORCID](#) : [ORCID](#)
- [Vidwan](#) : [Vidwan](#)

Total work experience : 23.5 Years

Paper Published : 60



Dr. Sangeeta Pant

Associate Professor, AIML

Ph.D (Applied Mathematics)

Email: sangeeta.pant@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Nature-Inspired Optimization
- Multi-criteria decision making

Total work experience : 14 Years

Paper Published : 52

Patent Published : 5

No. of PhD. students: 03: Ongoing

Specific areas:

- Pairwise Comparisons
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Dr. Pooja Vinayak Kamat

Associate Professor, AIML
Ph.D (AI & ML)., M.E., B.E.
Email: pooja.kamat@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Artificial Intelligence Machine Learning and Deep Learning
- Generative AI
- Agentic AI & MLOps

Specific areas:

- Computer Vision
- Predictive Maintenance
- AgriTech & Sustainability

Research Profiles:

- [Google Scholar](#)
- [Researcher ID](#)
- [ORCID](#)
- [Vidwan](#)

Total work experience : 15 Years

Paper Published : 66

Patents Published : 01

Consultancy Projects : i. External Funded Consultancy Project by ARDE-DRDO on Real-Time object detection, classification and tracking for aerial and navy imagery (Completed-2025)
ii. SIU minor research project funding on “AI based fault detection in bearings using vibration and sound sensor” (Completed-2023)

No. of PhD. students : 06 ongoing



Dr. Sucheta V Kolekar

Associate Professor, AIML
Ph.D (Adaptive E-learning), M.Tech (IT), B.E (IT)
Email: sucheta.kolekar@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Artificial Intelligence
- Machine Learning and Deep Learning
- Generative AI
- IoT

Specific areas:

- HealthTech
- EdTech
- AgriTech

Research Profiles:

- [Google Scholar:](#)
- [Researcher ID:](#)
- [ORCID](#)

Total work experience: 19 Years

Paper Published: 42

Patents Granted : 02

Patents Published : 02

Funded Projects: BIG BIRAC 07 Grant – ₹49.7Lakhs (2015-2019), Title: Sensor-based Insole for Diabetic Foot – Status: Commercialization

No. of PhD. students: 03 ongoing



Dr. Archana Y. Chaudhari

Senior Assistant Professor, AIML

Ph.D. M.E, B.E.

Email: archana.chaudhari@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Incremental Learning
- Quantum Computing
- Machine Learning
- Health Care
- Computer Vision

Specific areas:

- Smart Grid
- Time Series Data Analysis
- Deep Fake
- EV Vehicle
- Agentic AI

Research Profiles:

- [Google Scholar](#)
- [Researcher ID](#)
- [ORCID](#)
- [Vidwan](#)

Total work experience :12 Years

Paper Published : 23

Patent Granted : 01

Patent Published : 02



Dr. Sheetal Borhade

Senior Assistant Professor, AIML

Ph.D

Email: sheetal.borhade@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- AI
- NLP
- ML
- DL

Specific areas:

- Conversational Agents, Emotion Detection

Research Profiles:

- [Google Scholar](#) :
- [Researcher ID](#)
- [ORCID](#)
- [Vidwan](#)

Paper Published : 19

No. of PhD. students : 04 Ongoing

Total work experience : 13.6 Years



Dr. Wasim Khan

Senior Assistant Professor, AIML

PhD, M.Tech, B.Tech.

Email: wasim.khan@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Artificial Intelligence
- Machine Learning
- Deep Learning
- Data Mining

Specific areas:

- Anomaly Detection

Research Profiles:

- **Google Scholar:** [Google Scholar](#)
- **Researcher ID:** [Researcher ID](#)
- **ORCID:** [Orcid](#)
- **Vidwan:** [Vidwan](#)

Total work experience : 18 Years

Paper Published : 42

Patent Published : 02



Dr. Shivali Amit Wagle

Assistant Professor, AIML

Ph.D., M.E., B.E.

Email: shivali.wagle@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Deep learning
- Machine Learning
- Agriculture

Specific areas:

- Image Processing
- Computer Vision

Research Profiles:

- [Google Scholar](#)
- [Researcher ID](#)
- [ORCID](#)
- [Vidwan](#)

Total work experience : 18 Years

Paper Published : 48

Patent Published : 2

Consultancy Project : 1 completed

No. of PhD. students : 4 Ongoing



Dr. Shrikrishna Kolhar

Assistant Professor, AIML

Ph.D. M.E, B.E.

Email: shrikrishna.kolhar@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Deep Learning
- Image Processing
- Signal Processing

Specific areas:

- Embedded Systems.

Research Profiles:

- [Google Scholar](#)
- [Researcher ID](#)
- [ORCID](#)
- [Vidwan](#)

Total work experience : 13 Years

Paper Published : 25

No. of PhD. students : 4 Ongoing

Consultancy Project : 1 completed



Dr. Sachin R Gaikwad

Assistant Professor, AIML

Ph.D. M.E, B.E.

Email: sachin.gaikwad@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Health Care
- Internet of Things
- Cloud Computing
- Cyber Security
- Data Analytics
- Energy

Specific areas:

- Socio-Technical system
- Decision making methods
- Smart Grid
- Socio-inspired optimization

Research Profiles:

- [Google Scholar](#)
- [Researcher ID](#)
- [ORCID](#)
- [Vidwan](#)

Total work experience: 09 Years

Paper Published :14

Patent Published :03



Dr. Aniket K. Shahade

Assistant Professor, AIML

Ph.D, MBA, M.E, B.E.

Email: aniket.shahade@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Natural Language Processing
- Machine Learning

Specific areas:

- Social Media Analytics

Research Profiles:

- [Google Scholar](#)
- [Researcher ID](#)
- [ORCID](#)
- [Vidwan](#)

Total work experience : 12 Years

Paper Published : 31

Patent Published : 04



Dr. Nivedita Mishra

Assistant Professor, AIML

Ph.D. M.E, B.E.

Email: nivedita.mishra@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Machine Learning
- Deep Learning

Specific areas:

- Cyber Security
- Anomaly Detection
- Intrusion Detection Systems

Research Profiles:

- [Google Scholar](#)
- [Researcher ID](#)
- [ORCID](#)
- [Vidwan](#)

Total work experience : 4 Years

Paper Published : 03

No. of PhD. students : 04 Ongoing



Dr. Priyanka Deshmukh

Assistant Professor, AIML

Ph.D. M.E, B.E.

Email: priyanka.deshmukh@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Machine Learning
- Image Cryptography

Specific areas:

- Reversible Data Hiding

Research Profiles:

- [Google Scholar](#)
- [Researcher ID](#)
- [ORCID](#)
- [Vidwan](#)

Total work experience :10 Years

Paper Published : 24

No. of PhD. students : 04 Ongoing



Dr. Dhanashree K. Barbole

Assistant Professor, AIML

Ph.D. M.E, B.E.

Email: dhanashree.barbole@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Applied Artificial Intelligence
- Machine Learning, Agriculture & Technology

Specific areas:

- Core Electronics
- Computer Vision

Research Profiles:

- [Google Scholar](#)
- [Researcher ID](#)
- [ORCID](#)
- [Vidwan](#)

Total work experience : 11 Years

Paper Published : 05

Patent Published : 02

No. of PhD. students : 04 Ongoing



Dr. Hema Ramrao Karande

Assistant Professor, AIML

M.Tech., B.E.

Email: hema.karande@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Natural Language Processing
- Deep Learning
- Machine learning

Specific areas:

- Credibility Analysis of Information
- Social Media Analytics

Research Profiles:

- [Google Scholar](#) : [Google Scholar](#)
- [Researcher ID](#) : [Researcher ID](#)
- [ORCID](#) : [ORCID](#)
- [Vidwan](#) : [Vidwan](#)

Total work experience : 8 Years

Paper Published : 3



Dr. Geetanjali Sharma

Assistant Professor, AIML

Ph.D. M.Tech, B.Tech.

Email: geetanjali.sharma@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Artificial Intelligence
- Machine Learning, Data Security

Specific areas:

- Cyber Security
- Anomaly Detection

Research Profiles:

- [Google Scholar](#)
- [Researcher ID](#)
- [ORCID](#)
- [Vidwan](#)

Total work experience : 15 Years

Paper Published : 10

Copyright :01

Patent Published : 01

No. of PhD. students : 4 Ongoing



Dr. Zulfikar Ali Ansari

Assistant Professor, AIML

Ph.D. M.Tech, B.Tech.

Email: zulfikar.ansari@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Artificial Intelligence
- Machine Learning, Explainable AI

Specific areas:

- Explainable AI

Research Profiles:

- [Google Scholar](#)
- [Reseracher ID](#)
- [ORCID](#)
- [Vidwan](#)

Total work experience : 13 Years

Paper Published : 23

Patent Published : 01



Dr. Ananya Bhattacharjee

Assistant Professor, AIML

Ph.D. M.Tech, B.Tech.

Email: ananya.bhattacharjee@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Artificial Intelligence
- Machine Learning, Deep Learning
- Computer Vision, Medical Imaging
- IOT

Research Profiles:

- [Google Scholar](#)
- [Researcher ID](#)
- [ORCID](#)
- [Vidwan](#)

Specific areas:

- Medical Imaging, Cancer Diagnosis, Light Weight AI Development

Total work experience : 8 months

Paper Published : 12

Patent Published : 01



Dr. Sumanto Dutta

Assistant Professor, AIML
Ph.D (CSE)., M.Tech
(CSE)., MCA, B. Sc
(Computer Science).

Email: sumanto.dutta@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Artificial Intelligence and Machine Learning
- Deep Learning
- Data Mining
- Reinforcement Learning

Specific areas:

- Spatio-Temporal Data Analysis
- Multimodal Data Analysis and Unsupervised Learning
- Urban Transportation and Sustainability

Research Profiles:

- [Google Scholar](#)
- [Researcher ID](#)
- [ORCID](#)
- [Vidwan](#)

Total work experience: 6.5 Years

Paper Published :03(Journals), 06(Conference)



Prof. Mayur Mukund Gaikwad

Assistant Professor, AIML

M. Tech., B.E.

Email: mayur.gaikwad@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Natural Language Processing
- Deep Learning
- Machine learning

Specific areas:

- Social Media Analytics
- Online Hate Speech and Extremism

Research Profiles:

- [Google Scholar](#)
- [Researcher ID](#)
- [ORCID](#)
- [Vidwan](#)

Total work experience : 1 Years

Paper Published : 9

Consultancy Project : 1



Prof. Ashwini Tande

Teaching Associate, AIML

Ph.D. Pursuing, M.E, B.E.

Email: ashwini.tande@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Artificial Intelligence
- Machine Learning
- Deep Learning

Specific areas:

- AI in Healthcare, Medical Imaging

Research Profiles:

- [Google Scholar](#)
- [Researcher ID](#)
- [ORCID](#)
- [Vidwan](#)

Total work experience : 5 Years



Prof. Shruti Sunnad

Teaching Associate, AIML
M.TECH.

Email: shruti.sunnad@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- AI & ML in healthcare

Specific areas:

- Data Science

Research Profiles:

- [ORCID](#)
- [Vidwan](#)

Total work experience : 03 Years

Paper Published: 1
