

Faculty Profile
Department of AIML



Dr. Shruti G. Patil

Associate Professor, HOD of AIML
Ph.D., M.E., B.E.

Email: headaiml@sitpune.edu.in & shruti.patil@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Applied Artificial Intelligence
- Machine Learning
- Deep Learning

Specific areas:

- NLP
- Computer Vision
Audio Analysis

Research Profiles:

[Google Scholar](#)

[Researcher ID](#)

[ORCID](#)

[Vidwan](#)

Total work experience : 13 Years

Paper Published : 70

Patent Published : Nil

Consultancy Project : Nil



Dr. Shilpa Gite

Associate Professor, AIML

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

Email: shilpa.gite@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Deep learning
- Computer Vision
- ADAS

Specific areas:

- Explainable AI
- Medical Imaging
- Multi-modal AI

Total work experience : 15 Years

Paper Published : 80

Patent Published : 0

Consultancy Project : 1 competed 2 ongoing



Dr. Anupkumar M Bongale

Associate 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 : 29

Patent Published : 1

Consultancy Project : 0



Dr. Kailash Shaw

Associate Professor, AIML

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

Email: kailash.shaw@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Data Science
- Machine Learning
- Artificial Intelligence
- Bio Informatics

Specific areas:

- Bio Inspired Optimization Algorithms

Research Profiles:

[_Google Scholar](#)

[Researcher ID](#)

[ORCID](#)

[Vidwan](#)

Total work experience : 19 Years

Paper Published : 52

Patent Published : 2

Consultancy Project : 1



Dr. Kalyani D. Kadam

Assistant Professor, AIML

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

Email: kalyanik@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Deep Learning
- Machine Learning

Specific areas:

- Computer Vision

Research Profiles:

[Google Scholar](#)

[Researcher ID](#)

[ORCID](#)

[Vidwan](#)

Total work experience : 16 Years

Paper Published : 35

Patent Published : 0

Consultancy Project : 0



Dr. Pooja Vinayak Kamat

Assistant Professor, AIML

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

Email: pooja.kamat@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Artificial Intelligence Machine Learning and Deep Learning
- Cloud Computing
- Industry 4.0

Specific areas:

- Computer Vision
- Predictive Maintenance
- MLOps
- NLP

Research Profiles:

[Google Scholar](#)

[Researcher ID](#)

[ORCID](#)

[Vidwan](#)

Total work experience : 14 Years

Paper Published : 40

Patent Published : 0

Consultancy Project : Founded Research Project: Artificial intelligence-based fault detection in bearings using vibration and sound sensor



Dr. Smita Rajendra Mahajan

Assistant Professor, AIML

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

Email: smita.mahajan@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Deep learning
- Machine Learning Applications
- Reinforcement Learning applications

Specific areas:

- AI Applications in health care
- Fintech
- Industry 4.0
- Digitization
- Data Analytics
- Data Visualization

Research Profiles:

[Google Scholar](#)

[Researcher ID](#)

[ORCID](#)

[Vidwan](#)

Total work experience : 24 years

Paper Published : 18

Patent Published : 0

Consultancy Project : 0



Prof. Prachi Nitin Kadam

Assistant Professor, AIML

M.E., B.E.

Email: prachi.kadam@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Artificial Intelligence and Machine Learning
- Computer Vision

Specific areas:

- Computer Vision
- Data Science
- AI applied to Healthcare

Research Profiles:

[Google Scholar](#)

[Researcher ID](#)

[ORCID](#)

[Vidwan](#)

Total work experience : 20 Years

Paper Published : 10

Patent Published : 0

Consultancy Project : 0



Dr. Jayant Jagtap

Assistant Professor, AIML

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

Email: jayant.jagtap@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Digital Image Processing
- Pattern Recognition
- Machine Learning
- Deep Learning
- Artificial Intelligence

Specific areas:

- Medical Image Analysis
- Agricultural Image Processing
- Human-Computer Interaction

Research Profiles:

[Google Scholar](#)

[Researcher ID](#)

[ORCID](#)

[Vidwan](#)

Total work experience : 12 Years

Paper Published : 24

Patent Published : 0

Consultancy Project : 0



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 : 15 Years

Paper Published : 23

Patent Published : 0

Consultancy Project : 0



Dr. Om Mishra

Assistant Professor, AIML

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

Email: om.mishra@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Signal Processing
- Image and Video Processing

Specific areas:

- Human Motion Analysis
- Action Recognition
- Anomaly Detection
- Object Tracking etc.

Research Profiles:

[Google Scholar](#)

[Researcher ID](#)

[ORCID](#)

[vidwan](#)

Total work experience : 12 Years

Paper Published : 18

Patent Published : 1

Consultancy Project : 0



Dr. Preksha Pareek

Assistant Professor, AIML

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

Email: preksha.pareek@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Machine Learning
- Computer vision
- Deep learning

Specific areas:

- Computer vision
- Surveillance
- Activity Recognition

Research Profiles:

[Google Scholar](#)

[Researcher ID](#)

[ORCID](#)

[Vidwan](#)

Total work experience : 9 years

Paper Published : 9

Patent Published : 0

Consultancy Project : 0



Prof. Ruchi Jayaswal

Assistant Professor, AIML

M. Tech., B.E.

Email: ruchi.jayaswal@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Computer Vision
- Image Processing

Specific areas:

- Deep Learning
- Object Detection
- Surveillance
- Activity Recognition

Research Profiles:

[Google Scholar](#)

[Researcher ID](#)

[ORCID](#)

[Vidwan](#)

Total work experience : 1.5 Years

Paper Published : 14

Patent Published : 0

Consultancy Project : 0



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 : 7

Patent Published : 0

Consultancy Project : 1



Dr. Harsh S. Dhiman

Assistant Professor, AIML

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

Email: harsh.dhiman@sitpune.edu.in

Research Interests & Expertise:

Broad areas:

- Renewable Energy
- Wind Forecasting

Specific areas:

- Predictive Maintenance/Condition Monitoring of wind turbines
- Wind Turbine Prognostics
- Fault Diagnosis in wind turbines
- Asset Health Management

Research Profiles:

[Google Scholar](#)

[Researcher ID](#)

[ORCID](#)

[Vidwan](#)

Total work experience : 4 years

Paper Published : 23

Patent Published : 0

Consultancy Project : 1 Ongoing



Prof. 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](#)

[Researcher ID](#)

[ORCID](#)

[Vidwan](#)

Total work experience : 8 Years

Paper Published : 3

Patent Published : 0

Consultancy Project : 0
