Faculty Profile

Name: Abhiram D

Designation: Assistant Professor

Teaching Areas: Deep Learning, Machine Learning, Big Data Technologies, Computer Vision, Federated Learning, DataOps and MLOps, Artificial Intelligence.

Research Interests: Facial Emotion Recognition, Multimodal Language Models, Real-time Object Detection, Federated Learning, Adversarial Robustness, Fairness, Bias, and Accountability in ML, Meta-Learning, Few-shot and Zero-shot Learning.

Education:

M.Tech Data Science, Defence Institute of Advanced Technology Pune, (2022-24),

Integrated MSc in Physics and Mathematics, Amrita Vishwa Vidyapeetham Amritapuri, (2016-21)

Research / Selected Publications:

- Extreme dust storm events monitoring using space based remote sensing through INSAT-3D. DOI: https://doi.org/10.1063/5.0029966
- OPTICAL TOMOGRAM OF FOCK STATE SUPERPOSITIONS
- Analyzing the Effectiveness of Sobel and Laplacian Filters Integration in Facial Emotion Recognition: FER2013 Dataset Investigation