

About PICT Research Center

The department's research center was established in the year 2012 under Savitribai Phule Pune University (SPPU) for the faculty of Computer Engineering, Pune. The research center aims to conduct high-quality academic and applied research and provide support for effective exploration and development of quality research work.

The research center is well-equipped with high configuration systems with internet connectivity and access to digital resources like eBooks, eJournal,.Etc. The research scholar undertakes research in various fields like Machine learning, Data Science, Distributed Computing, Computer Vision, Natural Language Processing, Cloud Computing, etc.

Research Supervisors

Research Supervisor	Research Profile
Dr. Sarang Joshi	http://faculty.pictinc.org/Faculty-Profile.aspx?profileID=97
Dr. Balwant Sonkamble	http://faculty.pictinc.org/Faculty-Profile.aspx?profileID=26
Dr. Archana Ghotkar	http://faculty.pictinc.org/Faculty-Profile.aspx?ProfileID=47
Dr. Geetanjali Kale	http://faculty.pictinc.org/Faculty-Profile.aspx?ProfileID=107
Dr. Anant Bagade	http://faculty.pictinc.org/Faculty-Profile.aspx?profileID=30
Dr. Sheetal Sonawane	http://faculty.pictinc.org/Faculty-Profile.aspx?profileID=69
Dr. Jayshree R. Pansare	https://mescoe.mespune.org/wp-content/uploads/2022/07/Dr.-Jayshree-Rahul-Pansare.pdf

Research Scholar Details:-

List of Research Scholars Ph. D. Awarded:

Sr. No.	Name of research scholar	Title of research	Research Supervisors	Month & Year
1.	Nitin More	Algorithm and Techniques for Power-Aware Distributed Systems	Dr. R. B. Ingle	Feb 2020
2.	Makrand Velankar	Exploratory Learning for Associative Pattern Matching Algorithms in Computational Musicology.	Dr. Parag Kulkarni	Apr 2022
3.	Kalyani Waghmare	Analysis of Indian Classical Music for Raga Identification using Data Mining Techniques	Dr. B. A. Sonkamble	Oct 2022
4.	Anupama Dondekar	Analyzing and Classifying Flickr Images for Tag Recommendation	Dr. B. A. Sonkamble	Oct 2022
5.	Prema Gavade	Algorithm for embedded media data analytic and feature based personification using machine learning	Dr. Sarang Joshi	Oct 2023
6.	Shital Supase	Algorithms and Methods for Coordinator Election in Distributed Systems	Dr. J. R. Pansare	June 2024

List of Research Scholars Ph. D. Ongoing:

Sr. No.	Name of research scholar	Title of research	Research Supervisors
1.	Jayshree Ghorpade	Predicting Recommendations based on Heterogeneous Data using Machine Learning Techniques	Dr. B. A. Sonkamble
2.	Hitendra Khairnar	Traffic path recommendations based on Time Series Data using Machine Learning Techniques	Dr. B. A. Sonkamble
3.	Pravin Patil	Algorithms and Techniques for Security in Multi-Tenant Distributed Systems	Dr. G. V. Kale
4.	Sumit Shinde	Multi-model Preventive Approach and Detection of Stress Level Using Machine Learning Algorithm/s	Dr. Archana Ghotkar
5.	Kanase Jayaprabha	Context aware recommendation algorithms using hyper graph techniques for highly correlated multimodal social network data	Dr. S. S. Sonawane

6.	Madhri Wakode	Statistical heterogeneity and model diversity invariant aggregation algorithms for federated learning	Dr. G. V. Kale
7.	Niranjan Deokule	Explainable post-hoc model agnostic algorithms for classification of objects in aerial images	Dr. G. V. Kale
8.	Priyanka Chaudhari	Algorithm for responsive and explainable human motion synopsis	Dr. G. V. Kale
9.	Pranjali Joshi	Intelligent approach for evaluation of classification models derived with explainable artificial intelligence	Dr. A. M. Bagade
10.	Yogita Narwadkar	Multi-document abstractive text summarization using optimization methods and machine learning algorithms	Dr. A. M. Bagade
11.	Reshma Rajanand Owhal	Food Quality Risk Mitigation Analysis for Multi Modal Data.	Dr. A. M. Bagade
12.	Kalokhe Shital Avinash	Intelligent Relevance-based Risk Mitigation Method for Multi-media Content using Machine Learning	Dr. Sarang Joshi
13.	Deepak Mahavir Kapase	Question Answer Generation for Marathi language based on Cognitive Levels using Learning Techniques	Dr. S. S. Sonawane