

PICT Computer Engineering PhD Research Centre 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 has 6 Ph.D. guides guiding research scholars pursuing a doctoral degree. The admission process for PhD is governed by SPPU guidelines. Two scholars have completed the PhD and two have submitted thesis to the university. The research centre 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.

Ph.D Supervisors

Research Guide	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:**Details of Candidates pursuing their PhD at PICT Computer Engineering Research Center**

Name of research Scholar	Thesis Title	Ph.D Supervisors	Status: Ongoing/ Awarded/ submitted
Makrand Velankar	Exploratory Learning for Associative Pattern matching Algorithms in Computational Musicology.	Dr. Parag Kulkarni	Awarded
Nitin More	Algorithm and techniques for power aware distributed systems	Dr. R.B.Ingle	Awarded
Kalyani Waghmare	Analysis of Indian Classical Music for Raga Identification using Data Mining Techniques	Dr. B. A. Sonkamble	Awarded
Anupama Dondekar	Analyzing and Classifying Flickr Images for Tag Recommendation	Dr. B. A. Sonkamble	Awarded
Jayshree Ghorpade	Predicting Recommendations based on Heterogeneous Data using Machine Learning Techniques	Dr. B. A. Sonkamble	Ongoing
Hitendra Khairnar	Traffic path recommendations based on Time Series Data using Machine Learning Techniques	Dr. B. A. Sonkamble	Ongoing
Pravin Patil	Algorithms and Techniques for Security in Multi-Tenant Distributed Systems	Dr. G. V. Kale	Ongoing
Shital Supase	Algorithms and Methods for Coordinator Election in Distributed Systems	Dr. J. R. Pansare	Ongoing
Karande Jalindar	Distributed algorithms for early detection of security attacks on IoT resources	Dr. Sarang Joshi	Ongoing
Prema Gavade	Algorithm for embedded media data analytic and feature based personification using machine learning	Dr. Sarang Joshi	Ongoing
Sumit Shinde	Multi-model Preventive Approach and Detection of Stress Level Using Machine Learning Algorithm/s	Dr. Archana Ghotkar	Ongoing
Kanase Jayaprabha	Context-anod recommendation algorithm using hyper graph techniques for highly correlated multimodal social network data	Dr. S. S. Sonawane	Ongoing
Madhri Wakode	Statistical heterogeneity and model diversity invariant aggregation algorithms for federated learning	Dr. G. V. Kale	Ongoing

Niranjan Deokule	Explainable post-hoc model agnostic algorithms for classification of objects in aerial images	Dr. G. V. Kale	Ongoing
Priyanka Chaudhari	Algorithm for responsive and explainable human motion synopsis	Dr. G. V. Kale	Ongoing
Pranjali Joshi	Intelligent approach for evaluation of classification models derived with explainable artificial intelligence	Dr. A. M. Bagade	Ongoing
Yogita Narwadkar	Multi document abstractive text summarization using optimization methods and machine learning algorithms	Dr. A. M. Bagade	Ongoing