Name	\n\n**Mrs. Archana G. Pai**
Past Experience	1. Served as Lecturer at 'Bhandarkar's Arts and Science Trust', Kundapur, Karnataka for a period from July 2002 to March 2003\n2. Served as lecturer at 'S.I.W.S N.R. Swamy Collge of commerce and Economics and Smt. Thirumalai college of Science', Mumbai for a period from July 2003 to May 2007\n3. Served as lecturer at 'D. G Ruperel College of Arts, Science and Commerce', Mumbai, for a period from July 2009 to December 2010
Current Job\n**Department**\n**Post**\n**Date of Joining**	Veermata Jijabai Technological Institute(VJTI),\nMCA Department,\nAssistant Professor\nDecember 30, 2010
Qualification	B.Sc (Maths)\nM. C. A. (Manipal Institute of Technological, Manipal)\nPursuing PhD (IIT Bombay)
Contact No\n**E-mail**	9819933001\napai@mc.vjti.ac.in
Area of Research	Cryptography and Information security, Data Mining, Simulation and Modeling, Image Processing, Machine Learning, Deep Learning
Subjects Taught	Cryptography and Information security, Data Mining, Simulation and Modeling, C++ Programming, Optimization Techniques, Data structures

Publications

Journal Publication		Conference Publication	
International	National	International	National
03	00	01	01

Guidance	1. Guided around 70+ of TYMCA projects.
Work Shop/\n**Conference/**\n**Seminar/Training**\n**Organized**	1. Coordinated a Five days workshop on "Cloud Computing" for students from 24th to 27th May, 2013\n2. Organized a five days Industrial Visit to Bangalore for FY, SY and TY MCA in December 2011-12

Updated on: January 11, 2023

Collaboration/Interaction with outside word	1. Attended, 'World congress on Information and communication Technology', Organized by MRI Lab, Mumbai University December 10-14th 2011. 2. Attended, 'International Simulation conference of India', Organized by Simul 8, IIT Mumbai, February 2-4 2012. 3. Attended, ICT approved two days workshop on 'Writing Effective Conference Papers', February 18-19, 2012 4. Attended, ICT approved two weeks workshop on 'Introduction to Research Methodologies', June 25th - July 4th 2012 5. Attended, Two days hands on workshop on 'Network Security' conducted by Computer Society of India (CSI) in Mumbai on March1st and 2nd 2013. 6. Attended, TEQIP approved five days hands on workshop on 'Cloud Computing' conducted by Dept of computer Science, VJTI, April 5th to 9th 2013 7. Attended, TEQIP approved workshop on 'Information Security and Forensic Analysis' conducted by Computer Science Department of VJTI from 21st Oct 2013 to 25th Oct 2013. 8. Attended a Two week ISTE STTP workshop on 'Computer Programming' by IIT Bombay from 20th May 2014 to 21st June 2014. 9. Attended a Two week ISTE STTP workshop on 'Introduction to Design of Algorithms' by IIT Kharagpur from 27th April to 30th May 2015. 10. Attended a 5 day workshop on 'Advance Pedagogy and Managing Learning Process' conducted by NITTTR, Bhopal from 30th November 2015 to 4th December 2015. 11. Attended four week AICTE workshop on 'Use of ICT in Education for Online and Blended Learning' conducted by IIT, Bombay from May 2nd 2016 to July 10th 2016. 12. Attended a two week TEQIP sponsored workshop on 'Mathematical and Statistical Foundations in Engineering' conducted by VJTI from 16th September 2016 to 17th October 2016. 13. Attended one week AICTE workshop on 'Spatial data, Data Mining and Analytics' conducted by VJTI from 26th March 2018 to 31st March 2018.
Online courses completed	1. Coursera course on 'Cryptography-I', Stanford University, March 2015 2. MOOC course for 8 weeks duration on 'Foundation of Data Structure', IITBombayX, 2016 3. NPTEL course for 8 weeks duration on 'Enhancing Soft Skills and Personality', IIT Kanpur, April 2017 4. NPTEL course for 8 weeks duration on 'Introduction to Machine Learning', IIT Kharagpur, September 2017 5. NPTEL course for 8 weeks duration on 'Data Science for Engineers', IIT Madras, March 2018 6. Coursera course on 'Neural Network and Deep learning', DeepLearning.AI, July 2020

	7. Coursera course on 'Structuring Machine learning Projects', DeepLearning.AI, September 2020
	8. Coursera course on 'Improving Deep Neural Network: Hyperparameter tuning Regularization and Optimization', DeepLearning.AI, August 2020
	9. Coursera course on 'Convolutional Neural Network', DeepLearning.AI, September 2020
	10. Coursera course on 'Sequence Models', DeepLearning.AI, September 2020
	11. Coursera course on 'Mathematics for Machine learning:Linear Algebra', Imperial College London, July 2020
	12. Coursera course on 'Mathematics for Machine learning: Multivariate Calculus', Imperial College London, November 2020
	13. Coursera course on 'Exploratory Data Analysis with Seaborn', November 2020
	14. Coursera course on 'Exploratory Data Analysis with Python and Panda', November 2020
PG level courses attended	14. CDEEP course on 'Advanced methods in Satellite Image Processing', IIT Bombay from Jan 2019 to Apr 2019
	15. CDEEP course on 'Machine Learning for Remote Sensing', IIT Bombay from Jan 2019 to Apr 2019
Research Proposal	1. Written a Seminar proposal on "Current trends in Information Retrieval", March 2011
	2. Written a Seminar proposal on "Network Security", August 2012
Papers published	1. Asha Patel and Archana G Pai, 'A Source Code Based Software Clone Detection', International Conference on Research and Scientific Innovations, ICRSI, ISBN 978-93-82338-92-5, 2013
	2. Vaibhav Hatiskar and Archana G Pai, 'Block chain and it's Integration with Supply Chain', International Journal of Computer Applications, Vol.179, (No 52) , June 2018
	3. Fatema Panvelwala and Archana G Pai, 'Data Protection Guidelines for Protecting Privacy of users on Social Media', International Journal of Computer Applications, Vol.182 (No 2) , July 2018
	4. Sathe Vaibhav, Archana Pai, 'Autonomous And Self-Driving Cars', International Journal Of Advanced Research Ideas And Innovations In Technology (IJARIIT), ISSN (PRINT): 2454-132X,VOLUME-4, ISSUE-4,2018
Membership of Professional Body	Life member of CSI.
Years of experience	17