



**Pimpri Chinchwad Education Trust's  
Pimpri Chinchwad College of Engineering & Research  
Ravet, Pune  
IQAC PCCOER**



**Academic Year: 2024 - 25**

**Faculty Profile**



<b>Name of Faculty:</b>	Rachana Ravindra Mudholkar										
<b>Qualification :</b>	B.Tech(Comp), M.Tech(Comp), Ph.D Pursuing										
<b>Designation :</b>	Assistant Professor										
<b>Department :</b>	Computer Engineering										
<b>Experience :</b>	8.5 Years										
<b>Research Areas / Area of Specialization</b>	Soft Computing										
<b>Courses / Subjects Taken:</b>	<table border="1"> <tr> <td>i. FPL-I(2015 Course)</td> <td>ii. FPL-II(2015 Course)</td> </tr> <tr> <td>iii. ADS(2015 Course)</td> <td>iv. DMW(2015 Course)</td> </tr> <tr> <td>v. PPS(2019 Course)</td> <td>vi. CNS(2019 Course)</td> </tr> <tr> <td>vii. WT(2019 Course)</td> <td>iii.</td> </tr> </table>			i. FPL-I(2015 Course)	ii. FPL-II(2015 Course)	iii. ADS(2015 Course)	iv. DMW(2015 Course)	v. PPS(2019 Course)	vi. CNS(2019 Course)	vii. WT(2019 Course)	iii.
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vii. WT(2019 Course)	iii.										
<b>IPR : Patent</b>	<b>Title</b>	<b>Docker No./ Diary No.</b>	<b>Registered /Filed</b>								
	"ELIMINATION OF TOKENIZATION SYSTEM USING SMART IOT BASED RFID-NFC COUPLING"	21079	Filed								
<b>Copyright</b>	" Steamitizer – System to fight against Corona"	13640/2020-CO/L	Registered								
<b>Research Publications :</b>											
<b>Journal Publications:</b>	1.Fuzzy Relational Approach to Embedded Temperature Control, Abstract Proceedings, National Conference on Emerging Trends in Electronics and Computer Science, Shivaji University, Kolhapur, OP 31,2015										
	2.Fuzzy logic in Musical Composition, Abstract Proceeding, National Conference on Innovative Trends in Electronics & Allied Technology, Yashavantrao Chavan Institute of Science, Satara Feb										

	2017
	3.Implementation Choice Based Credit System- A Fuzzy Logic Approach, Abstract Proceeding, International Interdisciplinary Conference on Curriculum Reforms In Higher Education: Global Scenario Feb 2018
	4.Artificial intelligence in maintaining interaction between Humans & Computer, Proceeding of ICACITE,May 2023
<b>Conference publications:</b>	1.Process Control - A Fuzzy Inference Approach, Science Park Research Journal, ISSN: 2321-8045, 2015
	2.Genetic Tuning of Fuzzy Inference System for Furnace Temperature Controller, International Journal of Computer Science and Information Technologies, Vol.6(4), 2015, 3496-3500, ISSN:0975-9646
	3.Need of Tuning the Fuzzy Logic Furnace Temperature Controller, International Journal of Applied Engineering Research, vol.10, issue 13, 2015
	4.Android Application for Accidental Management System Using QR Code, ISAR - International Journal of Mathematics and Computing Techniques - Volume 1 Issue 5, Nov -Dec 2017, ISSN: 2455 - 7994
	5.Accidental Management System Using QR Code, international journal for science and advance research in technology, 2018, ISSN [online] : 2395-105
	6.Value Proposition and ETL in Big Data Environment, International Journal of Management, Technology And Engineering, ISSN NO : 2249-7455, Volume IX, Issue I, January 2019
	7.Achieving Efficient Information Retrieval Query over Encrypted Cloud Data, International Journal For Research In Applied Science & Engineering Technology, ISSN: 2321-965, Volume 7 Issue III, Mar 2019
	8.Cloud Based Chat Bot using IoT and Arduino, International Research Journal of Engineering and Technology, Volume: 06 Issue:12, December 2019
	9.Data Mining - Secure Keyword Manager, International Research Journal of Engineering and Technology, Volume: 06 Issue:12, December 2019
	10.Iot Based Ann For Prediction Of Soil Using Cloud And AI, International Research Journal of Engin Volume: 06 Issue:12, December 2019
	11.Brain MRI Segmentation Based on Similarity Measures of Label information Using Machine Learning, International Journal of Research & Analytical Reviews, Volume 7, Issue 2, April 2020
	12.Automated Bliend Stick For Visually Impaired People, International Research Journal of Engineering and Technology, Volume: 06 Issue:12, December 2019
	13.AR Based Structure Design And Model Development For

	Construction Application, International Research Journal of Engineering and Technology, Volume: 07 Issue: 06 , June 2020			
	14.ANN Based Construction Site Resource Allocation And Prediction Using AI, Application, International Research Journal of Engineering and Technology, Volume			
	15.Improvised Real-Time Tweet Analysis for Brand Recognition, Proceeding of ICDSA 2023, Volume 2, February 2024			
	16.Depolarized Recommendation System for Social Media, International Journal of Innovative Research in Computer & Communication Engineering, Volume 11, Issue 5, May 2023			
	17.Enhancing Mess Food Accessibility & User Experience Through Mobile Application Integration , International Journal of creative Research Thoughts, volume 12, Issue 5, May 2024			
<b>Books Publication:</b>	--			
<b>Profile Link :</b>	<b>Scopus Profile:</b> <b>Google Scholar Profile:</b> <a href="https://scholar.google.co.in/citations?hl=en&amp;user=dVM-dLIAAAAJ">https://scholar.google.co.in/citations?hl=en&amp;user=dVM-dLIAAAAJ</a> <b>Orchid Profile:</b> <a href="https://orcid.org/0000-0002-4477-1152">https://orcid.org/0000-0002-4477-1152</a>			
<b>Google Scholar Citations:</b>	14			
<b>H-Index:</b>	02			
<b>I10 index</b>	00			
<b>Product Developed:</b>	--			
<b>Certifications :</b>				
	Module 1 : Orientation Towards Technical Education & Curriculum Aspects			NITTT
	Module 2 : Professional Ethics & sustainability			NITTT
	Body Language: Key to Professional Success			NPTEL
<b>Awards/Appreciation/Achievements:</b>	●			
<b>Membership:</b>	ISTE			
<b>Industrial Training :</b>	WorldLine , Virtusa			
<b>Resource Person /Expert Session/Jury Invited:</b>	<b>Resource Person (Vivekanand College, Shivaji University, Kolhapur.</b> <b>Resource Person(DYPIU, Akurdi)</b>			
<b>Number of Workshops /FDPs/STTPs attended</b>	<b>Sr. No</b>	<b>Workshops Attended</b>	<b>Date</b>	<b>Place</b>
	1	“RECENT TRENDS IN MULTIDISCIPLINARY RESEARCH (Season – 3)”	29-April-2024 to 03-May-2024.	Department of Computer Engineering, Vishwakarma Institute of Information Technology, Pune.

	<b>2</b>	"Mastering Salesforce Basics for CRM Success"	15/01/2024 to 19/01/2024	Computer Department of Ajeenkya D Y Patil School of Engineering, Lohegaon , Pune
	<b>3</b>	AI for Sustainable Development	05/08/2024 to 09/08/2024	VIIT , Pune
	<b>4</b>	"Mastering Modern Deep Learning And Data Science"	26th February 2024 to 2nd March 2024	Pimpri Chinchwad College of Engineering, Nigdi, Pune
<b>Event Organized Inter department/Inter college/ Other recognized Industry/IIT's/NPTEL/SPOKEN TUTORIAL/ etc. :</b>	<b>Name of Conference/ Seminars / Workshops</b>		<b>University/State/ National/International</b>	<b>Dates</b>
	ONE WEEK AICTE ATAL FDP on "Blockchain Technology"	State	8/1/2024 - 13/02/2024	
	One Week Workshop on, "Blockchain: A Distributed Ledger Technology"	State	27/03/2023 - 3/04/2023	
<b>Event Organized in Department:</b>				
	AICTE ATAL FDP organized			
	PMMMNTT, Faculty Development Programme in Data Science, 24th June to 29th June 2019			
<b>University level appointments:</b>	Paper Setter(Symbiosis,Kiwale) PR-OR Exam Insem, End Sem Exam Duties			
<b>Administrative Duties:</b>	Worked in Facilitation Centers (FC), Admission Counseling, Document Verification in Admission process			
<b>Academics Duties:</b>	Website Coordinator, Club Coordinator, Class Teacher, Mentor, Feedback Coordinator Newswire Coordinator			
<b>Any Other</b>	<b>(Text)</b>			

