




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



Academic Year: 2026 - 27

Faculty Profile

Name of Faculty:	Mrs.Nivedita Ghodke																	
Qualification :	PhD Pursuing (CSE), ME IT, BE CS																	
Designation :	Assistant Professor																	
Department :	Computer Engineering																	
Experience :	11 Yrs																	
Research Areas / Area of Specialization	Machine Learning, Deep Learning, Big Data Analytics, Data Science																	
Courses / Subjects Taken:	<table border="1"> <tr> <td>i. PPL</td> <td>ii. DSA</td> </tr> <tr> <td>iii. FCP</td> <td>iv. OOP</td> </tr> <tr> <td>v. ML</td> <td>vi. DL</td> </tr> <tr> <td>vii. IOT</td> <td>viii. Digital Finance</td> </tr> <tr> <td>ix. DSBDA</td> <td>x. Data Science</td> </tr> <tr> <td>xi. Reinforcement Learning</td> <td>xii. STQA</td> </tr> <tr> <td>xiii. SE</td> <td></td> </tr> </table>		i. PPL	ii. DSA	iii. FCP	iv. OOP	v. ML	vi. DL	vii. IOT	viii. Digital Finance	ix. DSBDA	x. Data Science	xi. Reinforcement Learning	xii. STQA	xiii. SE			
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IPR : Patent	Title	Docker No./ Diary No.	Registered /Filed															
	The Ultimate Farming Guide with Real-Time Insights and Recommendations	202421083548	Published															
	A MULTIMODAL SKIN MELANOMA DIAGNOSTIC SYSTEM BASED ON HYBRID FIREFLY-ANT COLONY OPTIMIZATION AND DEEP CNN-BILSTM MODEL	202621016169	Published															
Copyright	LAWYAAR : LEGAL GUIDE SYSTEM	L-154323/2024	Registered															

	Prevention of Heart diseases by monitoring stress using smart wearable band	L-132242/2023	Registered
	Visualize Educational Concepts with Augmented Reality	L-132241/2023	Registered
	VITAMIN DEFICIENCY IDENTIFICATION USING IMAGE PROCESSING	L-154377/2024	Registered
Research Publications :			
Journal Publications:	1. Activation Heatmap-Guided FT-MultiCNN: Advancing Skin Cancer Classification Through Transfer Learning 2. Implementing secure end-to-end data transmission in wireless sensor networks for healthcare monitoring 3. Epidemic Diseases Forestall Module using Data Science and SIR Algorithms		
Conference publications:	1. Intelligent Farming System for Prediction of Optimal Crop, Fertilizer, and Irrigation System 2. A Software-Centric Approach to Heart Disease Monitoring and Early Detection 3. ChestXFusionNet: A Multimodal Deep Learning Framework for Predicting Chest Diseases from X-ray Images and Clinical Data 4. Smart Campus Solutions: Leveraging AI-ML Technologies for Integrated Campus Management Platform 5. A Crevice-Oriented Strategy for Surface Crack Identification 6. Vitamin Deficiency Identification using Image Processing 7. Education with Immersive Learning: A Study on Augmented Reality in STEM Education 8. Cinematic Scene Classification and Shot Boundary Detection Using Hybrid CNN-LSTM Networks 9. Comprehensive Review: Analysis of Use of Multimodal Deep Learning Models in Medical Diagnosis System		
Books Publication:			
Profile Link :	Scopus Profile: https://www.scopus.com/authid/detail.uri?authorId=56891440300 Google Scholar Profile: https://scholar.google.co.in/citations?hl=en&user=sQuoYQAAAAJ Orchid Profile: https://orcid.org/0000-0001-5433-0898		
Google Scholar Citations:	75		
H-Index:	3		
I10 index	1		
Product Developed:	NA		
Certifications :	Digital Finance	Udemy	
	"Machine Learning & Deep Learning Masterclass for Beginners".	Udemy	
Awards/Appreciation/Achievements:	NA		
Membership:	NA		
Industrial Training :	NA		

Resource Person /Expert Session/Jury Invited:	Delivered Expert Lectures on “Reinforcement Learning” at Tilak Maharashtra University.				
Number of Workshops /FDPs/STTPs attended	Sr. No	Place	Workshops Attended	Date	Place
	1		Faculty Development Program on “Fundamentals of Machine learning and Deep learning” through NITTTR.	25/09/2023 to 29/09/2023	Online
	2		Faculty Development Program on “Topics in Algorithm” through NITTTR.	8/05/2023 to 12/05/2023	Online
	3		Faculty Development Program on “Thesis and Research Paper Writing” through NITTTR.	30/01/2023 to 03/02/2023	Online
	4		Faculty Development Program on “Refresher Course on Machine learning and Deep learning” through NITTTR.	22/05/2023 to 26/05/2023	Online

	5.	40 Hrs Faculty Development Program on “Cybersecurity in Industry 4.0 and Beyond” through Government of India by HUB E&ICT Academy, IIITDM Kurnool, Andhra Pradesh.	16/06/2025 to 27/06/2025	Online
	6.	Faculty Development Program on “Modern Agile Principles for Transforming Educational Practices” through VIT Pune in association with IEEE Pune Section.	8/12/2025 to 12/12/2025	Online
Event Organized Inter department/Inter college/ Other recognized Industry/IIT's/NPTEL/SPOKE N TUTORIAL/ etc. :	Name of Conference/ Seminars / Workshops	University/State/ National/International	Dates	
Event Organized in Department:	NA			
University level appointments:				
Administrative Duties:	NA			
Academics Duties:	Appointed As a External Examiner			
Any Other	Worked as a Reviewer			