



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



Academic Year: 2025 - 26

Faculty Profile

Name of Faculty:	Mrs. Smita Sunil Kadam		
Qualification :	Pursuing Ph.D.(E&Tc), ME(E&Tc)		
Designation :	Assistant Professor		
Department :	Electronics & Telecommunication Engineering		
Date of Joining :	06/08/2025		
Experience :	13 years		
Research Areas / Area of Specialization	Deep Learning(BioMedical)		
Courses / Subjects Taken:	Electromagnetic Field Theory, Antenna & Wave Propagation, Microwave Engg., Fibre Optic Communication, Digital Communication, Signals& Systems, Control Systems, Mechatronics		
Research Publications :	-		
Journal Publications:	Year	Title of Paper	Published in
	2025	Multi-branch company with Hybrid Cloud	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)
	2025	Gesture Controlled Robotic Arm Using OpenCV	International Scientific Journal of Engineering and Management (ISJEM)
	2023	IOT based ECG Monitoring System with GSM Module	IRJMETS
	2023	Solar Powered Forest Fire Detection Via LORA	IRJMETS
	2022	CNN based deep learning technique for COVID-19 chest X-Ray diagnosis to find abnormality	International Journal of Science, Technology and Management (IJSTM)
	2022	Library Management System Using Python	IJSTM
	2022	Hospital Management System Using Python	IJSTM
	2017	User-Friendly Vital Signs Recording System For Home Telemonitoring Applications	International Journal of Engineering and Techniques (IJET)
		A Survey paper on Different approaches used for Vital sign Home-	International Journal for Scientific

	2017	Telemonitoring	Research and Development (IJSRD)
Conference Publications:	2025	Role of Sampling Frequency in BiLSTM-Driven ECG Heart Disease Diagnosis	International Conference on Recent Smart Technologies in Engineering for Sustainable Development-DELCON 2025
	2022	CNN based deep learning technique for COVID-19 chest X-Ray diagnosis to find abnormality	International e-Conference on Innovation and Emerging Trends in Engineering, Science and Management
	2022	Library Management System Using Python	International e-Conference on Innovation and Emerging Trends in Engineering, Science and Management
	2022	Hospital Management System Using Python	International e-Conference on Innovation and Emerging Trends in Engineering, Science and Management
Books Publication:	User Friendly Vital Signs Recording System		
Profile Link :	https://vidwan.inflibnet.ac.in/profile/667549		
Certifications :	<ul style="list-style-type: none"> • Elite NPTEL on Introduction To Internet Of Things • Elite NPTEL on Enabling Technologies for 6G wireless communication • AWS DevOps from Saidemy Institute Hyderabad • Multi-cloud DevOps with AI from CloudDevOpsHub 		
Awards/Appreciation/Achievements:	Topper IOT NPTEL		
Membership:	Member in Indian Society for Technical Education (ISTE)		
Resource Person /Expert Session/Jury Invited:	Delievered Expert Session on- <ul style="list-style-type: none"> • Analog Circuits • Control System • Antenna & Wave Propagation 		
Workshop/FDP/STTP attended(more than a Week):	40 Hours Online Faculty Development Program on “Frontiers of AI and ML: Innovations for Computer Vision, IOT and Medical Imaging”	26/06/2025 To 07/07/2025	

	FDP on "Research Trends and Methodologies in Artificial Intelligence & Machine Learning"	1/01/2024 To 06/01/2024
	FDP on "Recent Trends in Renewable Energy Systems"	03-10-23 To 09-10-23
	One week national level interdisciplinary short term training program on " Exploring Quality Research and its social Impact "	9-10-2023 To 13-10-2023
	Recent advancements in manufacturing Technologies : Industrial Approach	13-03-2023 To 17-03-2023
	FDP on "Internet of things-Industry 5.0"	20-02-2023 To 24-02-2023
	FDP on "Machine Learning"	7-12-2022 To 11-12-2022
	Twelve Week NPTEL-AICTE FDP on Introduction to internet of Things	18-01-2022 To 18-04-2022
	Online One Week STTP on "Machine Learning"	24-01-2022 To 29-01-2022
	Online one week STTP on Internet Of Things-IOT in collaboration of IETE	27-09-2021 To 02-10-2021
	STTP On Artificial Intelligence & Machine Learning	7th April To 12nd April 2021
	STTP on Research Methodology & Latex	13/10/2014 To 18/10/ 2014
	FDP on "Research Trends and Methodologies in Artificial Intelligence & Machine Learning"	1/01/2024 To 06/01/2024

	FDP on "Recent Trends in Renewable Energy Systems"	03-10-23 To 09-10-23	
Event Organized in Department:	Organized online STTP on " Internet Of Things in collaboration with IETE" 27th Sept., To 2nd Oct. 2021		
University level appointments:	Worked as a paper setter for the Subject Control System.		
Administrative Duties:	<ul style="list-style-type: none"> • Coordinate and manage assigned courses. • Mentor students, guide projects, and provide academic advice. • Attend faculty meetings and contribute to discussions. • Contribute to curriculum design and updates. 		
Academics Duties:	<ul style="list-style-type: none"> • NAAC criteria 4 Central Coordinator • Central Time Table Coordinator • NBA criteria 2 & 6 Central Coordinator • Head of Singing and Music Club under Student Welfare Cell 		

Department of E&TC