



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



Academic Year: 2025 - 26	Faculty Profile
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Name of Faculty:	Dr. Santosh Nagnath Randive		
Qualification :	BE (E&TC) M.Tech (Electronics) PhD(ECE)		
Designation :	Associate Professor		
Department :	Electronics and Telecommunication Engineering		
Date of Joining :	16/06/2015		
Experience :	Teaching :13 Industry: Nil		
Research Areas / Area of Specialization	Image and Signal Processing, Computer Vision, Machine Learning		
Courses / Subjects Taken:	Signals and Systems Digital Image and Video Processing		
IPR :	Title	Docker No./ Diary No.	Registered /Filed
	Nil		
Research Publications :	10		
Journal Publications:	Year	Title of Paper	Published in
	2024	Unpaired recurrent learning for real-world video de-hazing	Pattern Recognition
	2024	Lightweight progressive recurrent network for video de-hazing in adverse weather conditions	The Visual Computer
	2020	Intelligent model for diabetic retinopathy diagnosis: a hybridised approach	Inder-Science
	2019	A review on computer-aided recent developments for automatic detection of diabetic retinopathy	Taylor & Francis
	2019	A self-adaptive optimisation for diabetic retinopathy detection with neural classification	Inder-Science
	2019	Tri-Concomitant Local Feature Learning for Diabetic Retinopathy Classification	IJEAT

	2018	LVP extraction and triplet-based segmentation for diabetic retinopathy recognition	Springer
Conference Publications:	Year	Title of Paper	Published in
	2018	Spherical Directional Feature Extraction with Artificial Neural Network for Diabetic Retinopathy Classification	IEEE
	2020	Malaria Parasite Detection Using Deep Learning: (Beneficial to humankind)	IEEE
Books Publication:	01		
Profile Link :	Scopus Profile: https://www.scopus.com/authid/detail.uri?authorId=57190404830 Google Scholar Profile: https://scholar.google.co.in/citations?user=7qk0d2MAAAAJ&hl=en Orchid Profile: https://orcid.org/0000-0002-3741-5870		
H -Index:	6		
Product Developed:	Nil		
Certifications :			
Awards/Appreciation/Achievements:			
Membership:			
Industrial Training :			
Resource Person /Expert Session/Jury Invited:	01		
Workshop/FDP/STTP attended(more than a Week):	04		
Event Organized Inter department/Inter college/ Other recognized Industry/IIT's/NPTEL/SPOKE N TUTORIAL/ etc. :			
Event Organized in Department:			
University level appointments:	Paper Setter		
Administrative Duties:			
Academics Duties:			
Any Other			

