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Dr. Pranali C Choudhari Associate Professor Date of Birth		ctronics and	u i	refecomm	lunicau	on r	angineering
Education Qualifications UG PG PhD BE EXTC (Cummins (Communication and Signal Engineering, Processing), IIT Pune Bombay Work Experience Teaching Research Industry Other 23 years 12 09 months Area of Specialization Signal Processing , Biomedical Instrumentation, Embedded systems , Internet of Things Courses taught • Discrete Time Signal Processing, • Internet of Things • Modern Digital Signal Processing and Applicatio • Signals and Systems • Microprocessor and Peripherals, • Wavelets • Analog and Digital Circuits • Electronic Instrumentation and Control systems • Simulation Research guidance Under 26 groups		Associate Pr	ofe				
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Cummins College of and Signal Engineering, Pune Work Experience Teaching Signal Processing, IIT Bombay Teaching Research Signal Processing, Biomedical Instrumentation, Embedded systems, Internet of Things Courses taught Signal Processing, Biomedical Instrumentation, Embedded systems, Internet of Things Ourses taught Discrete Time Signal Processing, Internet of Things Modern Digital Signal Processing and Applicatio Signals and Systems Microprocessor and Peripherals, Wavelets Analog and Digital Circuits Electronic Instrumentation and Control systems Simulation Research guidance Under 26 groups	Education Qualifications	UG	PG			PhD	
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Area of Specialization Signal Processing , Biomedical Instrumentation, Embedded systems , Internet of Things Discrete Time Signal Processing, Internet of Things Modern Digital Signal Processing and Applicatio Signals and Systems Microprocessor and Peripherals, Wavelets Analog and Digital Circuits Electronic Instrumentation and Control systems Simulation Research guidance Under 26 groups	Work Experience	Teaching]	Research	Indust	try	Others
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	Courses taught	 Discrete Time Signal Processing, Internet of Things Modern Digital Signal Processing and Applications Signals and Systems Microprocessor and Peripherals, Wavelets Analog and Digital Circuits Electronic Instrumentation and Control systems 					
(Number of Students) Graduate				26 groups			
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Masters 07							
Ph.D (Completed / Thesis Submitted / Ongoing) 01 Completed 04 Ongoing		(Completed / Thesis Submitted /	Completed / 04 Ongoing Chesis Submitted /				
External Fund Received 1. Consultant for the Project on "Assessment of E Mineral Density" with Trish–I Pvt Ltd , IIT Mineral Density" with Trish–I Pvt Ltd , IIT Mineral Density (Section 2022-23). 2. Received a Minor Research Grant from University		1. Consultant for the Project on "Assessment of Bone Mineral Density" with Trish-I Pvt Ltd , IIT Mandi					

	APD/237/351 of 2014 dated 13th October 2014) Diagnosis of cardiovascular disease using impedance cardiography, Rs,45,000 3. University Grant (Ref No.APD/237/429 of 2017 dated 16 th January 2017 Research Project number 536). Diseases diagnostic system using Photo plethysmography.", Rs,18,000 4. University Grant (Ref No. APD/ICD/2019-20/ 762 dt. 17/03/2020) Research Project number 1110), "Real Time Detection of Branch retinal Vein Occlusion.", Rs,40,000/- 5. Received grant of Rs. 16923/- from Fr. C. Rodrigues Institute of Technology, under the RND budget for the project titled "Thought to text Conversion" during the academic year 2019-20					
Patent (Filed /	Filed: 01					
published / Granted) details						
No. of papers	International	International	National Conferences			
published in	Journals	Conferences	Tuttonal Conferences			
National/International	17	27	02			
Journals/Conferences	17	27	02			
Research Publications	Scopus/SCI inde	xed journals: 07				
(No. of papers in	Peer reviewed / U	JGC journals: 10				
National/International	IEEE/Springer co					
Journals / Conferences and No.		Books/Book Chapters: NIL Other International Conferences: 9				
of Books/ Book	National Conference: 9					
Chapters published						
Projects Carried out		e Project on 2D and ?	3D Image Mosaicing of			
•	Microscopic Images at BARC, Mumbai (2023-24)					
	_		` ,			
	2. Collaborativ	e Project "Ir	ntegrated Biometric			
	2. Collaborativ Authentication	e Project "Ir on for Drone Op	` ,			
	2. Collaborativ Authenticatic Solutions Pv	e Project "Ir on for Drone Op t. Ltd.(2023-24)	ntegrated Biometric peration" at Indrones			
	 Collaborativ Authenticativ Solutions Pv Consultant to 	e Project "Ir on for Drone Op t. Ltd.(2023-24) for the Project on	ntegrated Biometric peration" at Indrones "Assessment of Bone			
	 Collaborativ Authentications Pv Consultant of Mineral Dentilements of the properties of the	e Project "Ir on for Drone Op t. Ltd.(2023-24) for the Project on nsity" with Trish–I	ntegrated Biometric peration" at Indrones			
Awards	 Collaborativ Authenticativ Solutions Pv Consultant to Mineral Der during the year 	e Project "Ir on for Drone Op tt. Ltd.(2023-24) for the Project on nsity" with Trish–I ear 2022-23.	ntegrated Biometric peration" at Indrones "Assessment of Bone Pvt Ltd , IIT Mandi			
Awards	 Collaborativ Authenticativ Solutions Pv Consultant of Mineral Denduring the year Research Expression 	e Project "Ir on for Drone Op tt. Ltd.(2023-24) for the Project on nsity" with Trish–I ear 2022-23.	tegrated Biometric beration" at Indrones "Assessment of Bone Pvt Ltd , IIT Mandi ty-Regional) category,			
Awards Other major	 Collaborativ Authenticatic Solutions Pv Consultant of Mineral Deaduring the year Research Example 1 at the IEI NML 	e Project "Ir on for Drone Op tt. Ltd.(2023-24) for the Project on nsity" with Trish–I ear 2022-23. xcellence (Facul C FCRIT Excellence	tegrated Biometric at Indrones "Assessment of Bone Pvt Ltd , IIT Mandi ty-Regional) category, Award 2024.			
	 Collaborativ Authenticatic Solutions Pv Consultant of Mineral Deaduring the year Research Example 1 at the IEI NML 	e Project "Ir on for Drone Op t. Ltd.(2023-24) for the Project on nsity" with Trish–I ear 2022-23. xcellence (Facul & FCRIT Excellence ean (Admin & Facul	tegrated Biometric at Indrones "Assessment of Bone Pvt Ltd , IIT Mandi ty-Regional) category, Award 2024.			
Other major	 Collaborativ Authenticativ Solutions Pv Consultant of Mineral Denduring the year of the IEI NML Associate Denduring the IEI NML Asst. HoD: I Faculty Inch 	e Project "Ir on for Drone Opert. Ltd.(2023-24) for the Project on Insity" with Trish–I ear 2022-23. Excellence (Faculate Cara (Admin & Faculate Cara (EXTC dept. Large of ECO-Club a	tegrated Biometric at Indrones "Assessment of Bone Pvt Ltd , IIT Mandi ty-Regional) category, Award 2024.			
Other major	 Collaborativ Authenticativ Solutions Pv Consultant of Mineral Der during the year Research Exat the IEI NML	e Project "Ir on for Drone Opert. Ltd.(2023-24) for the Project on Insity" with Trish–I ear 2022-23. Excellence (Faculate Cara (Admin & Faculate Cara (EXTC dept. Large of ECO-Club a	retegrated Biometric peration" at Indrones "Assessment of Bone Pvt Ltd , IIT Mandi ty-Regional) category, e Award 2024. Ety) Ind Green Club at			

- Development of Innovation and Product Development Centre at Fr. C.R. I. T., Vashi
- BoS member at Fr CRCE, Bandra
- Reviewer of Environmental Science and Pollution Research (Springer)
- Reviewer for IEEE Journal of Biomedical and Health Informatics
- Reviewer for International Journal for Numerical Methods in Biomedical Engineering, Wiley Journals

Place- Vashi

Date - 26-02-2025

Dr. Pranali C. Choudhari