



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



Academic Year: 2025 - 26

Faculty Profile

Name of Faculty:	Dr. Rahul Mapari		
Qualification :	Ph.D. (E&TC), MBA (Human Resource)		
Designation :	Deputy Director & Dean Quality Assurance Professor in E&TC		
Department :	Electronics and Telecommunication Engineering		
Date of Joining :	6/7/2017		
Experience :	Teaching: 20 Yrs. Industry: 1 Yr.		
Research Areas / Area of Specialization	Power Converters, Power Electronics		
Research Profile	ORCHID ID- https://orcid.org/0000-0002-4001-8585 SCOPUS- Mapari, Rahul Ganpat - Author details - Scopus Preview Web of Science- Mapari, Rahul - Web of Science Core Collection		
Courses / Subjects Taken:	Deep Learning		
IPR :	Title	Docker No./ Diary No.	Registered /Filed
	An Intelligent Audio-Visual Bullet Counting Firearm	201721038387	Published
	An Intelligent Fingerprint and Voice Operated Firearm	201721045607	Published
	A Smart Digital Stapler	201821002806	Published
	A Smart Dustbin	201921032124	Filed
Research Publications :			
Journal Publications:	Year	Title of Paper	Published in
	2018	Design of 4X1 Microstrip Array Antenna for X-Band Satellite Communication Application	International Journal of Pure and Applied Mathematics
	2019	Extraordinary Authentication and Security to Credit/Debit Cards with Biometric	International Journal of Engineering and

		and Two Step Verification: Review	Technology (IJET)												
	2019	Analysis of Single Phase Bi-Directional Converter for Improvements in Power Factor and Reduction in Harmonic Distortions	International Journal of Applied Engineering Research (IJAER)												
	2019	Mathematical Modeling, Control Design, Simulation & Implementation of Electric Vehicle Charger	International Journal of Engineering and Advanced Technology (IJEAT)												
	2020	Design of Microstrip Patch Antenna with Enhanced Bandwidth and Harmonic Suppression for WLAN Applications	International Journal of Recent Technology and Engineering (IJRTE)												
	2021	Pandemic Security System for Police using Neural Networks	Web of Science												
	2022	Design, Simulation And Implementation Of FOC-SVM DCMLI Driven PMSM Drive	International Journal of Electric and Hybrid Vehicles												
Conference Publications:	Year	Title of Paper	Published in												
	2022	(MS)2EDNet: Multiscale Motion Saliency Deep Network for Moving Object Detection	Springer Book Series												
	2021	Agriculture Protection From Animals Using Smart Scarecrow System	Springer												
	2020	Malaria Parasite Detection Using Deep Learning (Beneficial to humankind)	IEEE												
Books Publication:	06														
Profile Link :	https://scholar.google.com/citations?user=JL6U13gAAAI														
	<table border="1"> <thead> <tr> <th></th> <th>All</th> <th>Since 2020</th> </tr> </thead> <tbody> <tr> <td>Citations</td> <td>222</td> <td>202</td> </tr> <tr> <td>h-index</td> <td>7</td> <td>7</td> </tr> <tr> <td>i10-index</td> <td>6</td> <td>6</td> </tr> </tbody> </table>				All	Since 2020	Citations	222	202	h-index	7	7	i10-index	6	6
	All	Since 2020													
Citations	222	202													
h-index	7	7													
i10-index	6	6													
H -Index:	7														

Product Developed:	2
Certifications :	
Awards/Appreciation/Achievements:	<ul style="list-style-type: none"> • “Best Teacher of the Year-2018” award by International Association of Research and Developed Organization (IARDO), New Delhi on 28th October 2018. • “Research Excellence Award 2019” by Institute of Scholar (INSC) on 23rd May 2019. • Prof. Y K Bhusahn Most Influential Professor Award @ World Education Congress 2022 in Taj Lands End, Mumbai. • Prof. Y K Bhusahn Most Influential Professor Award @ World Education Congress 2023 in Taj Lands End, Mumbai. • “Pillars of the Nation” Award by Delhi Vidhan Sabha for contribution in technical education on 14th August 2023.
Membership:	<ul style="list-style-type: none"> • IEEE (93792126) Senior Member • Institute of Engineers-IEI (AM098352-5) Life time Associate Member • Institute of Research Engineers and Doctors-IREDD (AM10100056626) • Professional Member of Institute of Scholar (INSC2018536) • International Association of Engineers (129960)
Industrial Training :	
Resource Person /Expert Session/Jury Invited:	<ul style="list-style-type: none"> • Delivered guest lecture on “MOSFET Analysis” for second year E&TC engineering students in Samarth engineering college, Belhe. • Delivered lecture on “Problem Solving” to all staff members of Amrutvahini College of Engineering, Sangamner. • Delivered lecture on “Digital Modulation Techniques in Communication” to third year Degree and diploma students of Jaihind college of Engineering, Junnar. • Delivered a keynote session at 2-days National Conference on “Recent Innovations in Engineering and Technology” MOMENTUM-19 On 22nd and 23rd February, 2019 Under QIP scheme, BCUD, Savitribai Phule Pune University, Pune in SPCOE, Otar • Delivered Guest Session on “NBA SAR Presentation-Dos and Don’t” in NMIET, Talegaon on 17th Oct. 2021. • Delivered Guest Session on “NBA SAR Presentation-Dos and Don’t” in E&TC department of AISSMS COE on 23rd Nov. 2021. • Guest sessions on NBA and NAAC to Kaslekar Technical Campus Mumbai in 2023,2024,2025
Workshop/FDP/STTP attended(more than a Week):	12

Event Organized Inter department/Inter college/ Other recognized Industry/IIT's/NPTEL/SPOKE N TUTORIAL/ etc. :	<ul style="list-style-type: none"> • Conference General Chair for “IEEE Bombay Section Sponsored International Conference “ASIANCON 2021”, which will be held on 28th and 29th September 2021. • Conference General Chair for “IEEE Bombay Section Sponsored International Conference “ASIANCON 2022”, which will be held on 26th to 28th August 2022.
Event Organized in Department:	
University level appointments:	Subject Chairman, Paper Setter
Administrative Duties:	HoD
Academics Duties:	PBL Advisor
Any Other	