
	<p align="center">Pimpri Chinchwad Education Trust's Pimpri Chinchwad College of Engineering & Research Ravet, Pune.</p>		
Academic Year: 2022 - 23	Faculty Profile		

Name of Faculty:	Mrs. Maithili Shailesh Andhare		
Qualification :	ME(Electronics) (PhD pursuing)		
Designation :	Assistant Professor		
Department :	Electronics and Telecommunication Engineering		
Date of Joining :	1/07/2015		
Experience :	Teaching: 18 Yrs.		
Research Areas / Area of Specialization:	Embedded System and IOT		
Courses / Subjects Taken:	Microcontrollers, Digital systems, Embedded Systems, Advanced Processor, BXE, IOT, Control systems, Network Security		
IPR :	Title	Docker No./ Diary No.	Registered /Filed
	A smart tool for testing deficient elements in soil	201921052371	Registered
	Water Bottle with Storage Container	65263	Registered
	IOT Based Smart Container	670/2018-CO/L	Registered
	MONITOR AND REDUCE ENERGY CONSUMPTION USING IOT	28445/2021-CO/L	Registered
	IoT based Digital Library System using RFID Technology	28464/2021- CO/L	Registered
Research Publications :	-		
Journal Publications:	Year	Title of Paper	Published in
	2017	Review on Performance Enhancement Techniques for Micro strip Patch Antenna Using Meta materials	International Journal of Recent Trends in Engineering & Research
	2019	BER Evaluation for Power Control in DS-CDMA	International Journal of Innovative Research in Technology
	2019	Person Recognition using Image Fusion of Face and Ear based on Linear Discriminate Analysis	International Journal of Research in Advent Technology
	2019	Control System Analysis	Journal of Control

		using Root Locus Method	System and its Recent Developments
	2020	Making India Paperless using Cloud for documentation	Mukt Shabd Journal
	2021	Design and implementation of wireless sensor network for environmental monitoring	International Journal of Health Sciences, 6(S4), 3158–3169.
Conference Publications:	2022	IOT Enabled RFID Based Library Management and automatic book recommendation system using collaborative learning	2nd International conference on sentiment analysis and Deep Learning (ICSADL-2022) (SPRINGER)
	2022	Deployment of Real-Time Energy Monitoring System Using IoT	3rd International Conference for Emerging Technology (INCET)
Book's Publication:	04		
Profile Link :	https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=EzFRVNcAAAAJ		
Product Developed:	4		
Certifications :	NPTEL Certification		
Awards/Appreciation/Achievements:	World record of filing maximum number of patent in a single day by PCCOER ladies Staff.		
Membership:	IEEE		
Industrial Training :	<ol style="list-style-type: none"> 1. Online Industrial training on IOT project Development using Industry grade Microcontroller during 28th june – 28th july , 2021 in Anand Techno Creation, Satara. 2. Online Industrial training on Design and Development of DC regulated Power Supply during 25th jan – 6th Feb, 2021 in Anand Techno Creation, Satara. 3. Online Industrial training on Design & Development of Sellable Automatic Dispenser: Sanitizer, Water and Liquid , during 23th March – 4th Apr, 2021 in Anand Techno Creation, Satara. 4. Industrial training on Arduino , Express PCB , Proteus, during 2/12/2019 To 7/12/2019 at A Square, Pune. 5. Industrial training during 27/11/2017 To 29/11/2017 at Softcon Systems Private Limited Tathwade, Pune. 		
Resource Person /Expert Session/Jury Invited:	Worked as Judge for Project Competition ‘Projectron 2k20’ on 8/6/2020 at D Y Patil Engineering college Akurdi .		
Workshop/FDP/STTP attended(more than a Week):	20		
Event Organized Inter department /Inter college/ Other recognized Industry/IIT's /NPTEL/SPOKE N TUTORIAL/ etc.	-		

Event Organized in Department:	<ul style="list-style-type: none"> • One week workshop on "Raspberry with IOT" for TE Students. • Two days Hands on Workshop On "Advanced Embedded Linux for Industry Use " for BE students. • Two days Hands-on Workshop on Electronics Skill Development Lab for SE Students. • One week "Product development workshop" for TE students. • Three Days Faculty Development program in IOT Organized by CopperCloud IOTech and Department of E&TC Engineering • One Week Faculty Development program in IOT Organized by Coppercloud IOTech and Department of E&TC Engineering • Three days IOT Foundation Workshop Organized by Coppercloud IOTech and Department of E&TC Engineering
University level appointments:	University Practical Examiner coordinator , Paper Examiner, Paper Setter, External Senior supervisor for university exam
Administrative Duties:	Assistant Professor
Academics Duties:	Direct Second year admission In charge, Department Mentor Coordinator, Department Beautification Coordinator, Student counseling Cell Member, Criteria 7 Coordinator, BE honors in IOT course In charge
Any Other	

Prof. M.S.Andhare
Department of E&TC