


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AIML)

Name	Malpekar Tushar Satyawan	
Designation	Assistant Profesor	
Date of Birth	25 th July,1989	
Highest Qualification	M.Tech. (Embedded System)	
Specialisation	Embedded System	
Teaching experience	12 years	
Industrial Experience	-	
Email id	tmalpekar@sspmcoe.ac.in	
Date of joining	06 th February 2024.	

No .of Papers presented/published (National conferences)	
Details	
No.of Papers presented/published (International conferences)	02
Details	<ol style="list-style-type: none"> 1. Artificial Neural Network-Based Classification System for Lung Nodules on Computed Tomography Scans Neurophone: A DSP based brain mobile phone interface using wireless EEG headset 2. An Adaptable and Extensible Mobile Sensing Framework for Patient Monitoring
No.of seminars	-
Details	-
No.of STTP/Workshops	11
Details	<ol style="list-style-type: none"> 1. Professional development workshop on Digital creativity skills as a part of Adobe Academic Essential program conducted by AICTE Training and Learning Academy (ATAL) 2. Elementary FDP on "Creating Innovation & Startups with Internet of Things" at Institute of Technology & Management conducted by AICTE Training and Learning Academy (ATAL) 3. One week Short Term Training program on " PCB Designing and Arduino Development" Organized by Departments of Electrical and Electronics Telecommunication Engineering held at ARMIET 4. Elementary FDP on "Blockchain: A Disruptive Technology" at Pandit Deendayal Energy University conducted by AICTE Training and Learning Academy (ATAL) 5. "Modeling of Optical Networks using Optiwave Software" Organized by IETE-SF of K.C. College of Engineering and Management Studies and Research 6. 3 days residential Faculty Development Program on Student Centricity in Education conducted by Maharashtra State Faculty Development Academy (MSFDA) associated with FLAME University, Pune. 7. Participated in IP awareness program under "NATIONAL INTELLECTUAL PROPERRTY AWARENESS MISSION'(NIPAM2.0) organized by Intellectual Property

	<p>Office,India</p> <p>8. Participated in State Conference on Unmanned Aerial Vehicle (UAV) by Directorate of Technical Education, Government of Maharashtra.</p> <p>9. Attended Workshop on CCTV Practical Training conducted by Skill Mumbai Technical Training Institute.</p> <p>10. Attended 3 days workshop on “Implementation of National Education Policy -2020” conducted by Sant Gajanan Maharaj College of Engineering ,Mahagaon.</p> <p>11. Attended One week Master Class on ‘Electric Vehicle Design Using MATLAB’ organized by Pantech Prolabs Pvt. Ltd.</p>
No.of projects guided at UG level	15
Details	<ol style="list-style-type: none"> 1. IoT Based Automatic Vehicle Accident and Rush Driving Alert Sysytem 2. Automated Colour Based Object Sorting System 3. Li-Ionn Battery Management System for Electric Vehicles 4. Detection & classification of Non-proliferative diabetic Retinography using SVM Classifier 5. Automatic Train Track crack Detection 6. Seed Sowing Robot 7. Intelligent rangeless robo maid 8. Electronic Speed Governer 9. OFF THE GRID WIRELESS MESH NETWORK SYSTEM 10. Patient Monitoring System 11. Automatic Toll Collection using weight sensor 12. Intelligent Gesture controlled wireless wheelchair for physically handicaped 13. Android & RFIID based smartbag 14. Railway monitoring using vibration sensor and Xbee & Pro 15. Rf based automatic vehicle speed limiter by controlling throttle valve.
Membership in Professional Bodies	ISTE Life Time Membership No. LM 136476
Research / Sponsored / Consultancy Projects	-
Awards / Honours / Prizes	
No.of Books published	-
Details	-