Faculty Profile

Name   GIRISH S. MUNDADA

Designation   Professor

Department   Electronics & Telecommunication Engineering

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Educational Qualifications

Degree	University/Institution	Year of Passing
Ph.D. (E&TC)	University of Pune/ International Institute Of Information Technology-Pune	2013
M.E. (Ind. Electronics Engg)	MSU Baroda/ FoET- Kalabhavan	1994
B.E. (E&TC)	Amravati University/ BNCOE	1990
Chartered Engineer	IEI	2012

Professional Experience

Sr. No.	Designation & Institute	Duration
1	Professor in E&TC Department, PICT, Pune.	2013 - Present
2	Associate Professor in E&TC Department, PICT-Pune	2011 - 2013
3	Assistant Professor-PICT Pune	1999-2011
4	Lecturer-PICT-Pune	1994-1999
5	Lecturer-PDVVP COE-Ahmednagar	1992-1994
6	Lecturer- Sanjivani COE- Kopargaon	Jan 1991- July 1991
7	Lecturer- VUW Polytechnic- Akola	Aug. 1990- Dec. 1990

Research Publications

Sr. No.	Title	Publication/Conference
1	Smart Waste Segregation and Management System	International Journal of Research Publication and Reviews ISSN: 2582-7421, Vol 4, no 5, pp 5326-5332, May 2023
2	Integrated BP and Sugar Monitoring System	International Journal of Creative Research Thoughts (IJCRT), Volume 11, Issue 5 May 2023	ISSN: 2320-2882

3	Metaverse Simulation Based on VR, Blockchain, and Reinforcement Learning Model	International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 10 Issue X Oct 2022, ISSN: 2321-9653
4	Solar-powered Reconnaissance Robot	International Journal of Novel Research and Development (IJNRD), Volume 7, Issue 5 May 2022 | ISSN: 2456-4184
5	Smart Spine Posture Detector	International Research Journal of Engineering and Technology (IRJET), Volume: 09 Issue: 05 | May 2022, ISSN: 2395-0056
6	GSM based Fuel Theft Detection	International Journal of Innovative Research in Engineering Volume 3, Issue 2 (March-April 2022), PP: 154-159, ISSN No: 2582-8746
7	Novel Wireless Water Level Recording System	International Journal of Creative Research Thoughts (IJCRT), Volume 10, Issue 10 October 2022 | ISSN: 2320-2882
8	A Comprehensive Survey of Detecting Deepfakes Techniques	AIP Conf. Proc. 3156, 030012 (2024) https://doi.org/10.1063/5.022822,October 10-2024
9	Railway interlocking detection system	AIP Conf. Proc. 3156, 050007 (2024) https://doi.org/10.1063/5.0227709, October 2024
10	Vigilance 360: Realtime surveillance system	AIP Conf. Proc. 3156, 050008 (2024) https://doi.org/10.1063/5.0227623, October 2024
11	Plant leaf disease detection using CNN	AIP Conf. Proc. 3156, 070005 (2024) https://doi.org/10.1063/5.0229141, October 2024
Papers in 2024-2025 are in process (under publication)		
Patents		
Sr. No.	Patent	Date of Grant
12	A Wearable Device and Method	27/02/2024
13	Predictive Analytics System	02/12/2024

Books Published

Sr. No.	Title	Publisher & Year
1	Research Methodology	Nirali Publication, ISBN: 978-93-5164-209-1

Conferences / Seminars Attended

Sr. No.	Conference/Seminar	Year
1	IEI Conference	Every Year
2	Indian Engineering Congress	Every Year
3	IEI Seminars	Every Year

Awards & Recognitions

Sr. No.	Award/Recognition	Year
1	Best Teacher Award from amongst 8 Professional Courses under University- SPPU- University of Pune	2015

2	Scroll of Honour-for outstanding contribution to the cause of Engineering and Nation Building- by The Institution of Engineers (India) during the centenary year celebration	2020
3	Badge of Honour by MPS- Pune-PCMC in recognition of various achievements in Profession and Career	2024
4	Nominated as Chairman- ETDB- IEI	2022
5	Nominated as Chairman- CATE- IEI	2024
6	Nominated as Vice President- The IEI-	2025

Areas of Interest

Sr. No.	Area
1	Project Management
2	Power Electronics
3	Electrical and Electonic Devices and Circuits
4	Mechatronics