

Name of Staff: Dr. Ganesh V. Karbhari	
Personal Details:	
Name	Dr. Ganesh V. Karbhari
Permanent Address	Umaregavhan, Tq & Dist-Osmanabad
E-mail	ganesh.karbhari@abmspcoerpune.org
Date of Birth	01/04/1991
Category	OBC
Telephone No.	-
Mob. No	9403934153

Seminar/Conference/Workshop Details:

Sr. No.	Title (Conference/Seminar/Workshop)	Event Date	Level National/International
1.	Training by MACCIA and Scientific Jugaadfunda for Internship Opportunities, Chief Guest- Dr Vijay Bhatkar	21 st April 2021	National
2.	Resource Person in Syllabus detailing workshop on Control Systems at ZCOER Pune with support from BOS - Electronics and UOP, Pune.	2021	National
3.	Outreach Pogram on Machine Learning by ISRO & IIRS, Dehradun	June 2020	National
4.	Outreach Pogram on Remote Sensing by ISRO & IIRS, Dehradun	May 2020	National

5.	Machine Learning by Google Cloud	April 2020	International
6.	Machine Learning by Amazon Web Services	April 2020	International
7.	R Programming for Data Analytics by IIT Bombay	March 2020	National
8.	FDP on Machine Learning by Zensar Company at JSCOE Pune	Dec-Jan 2020	National
9.	Industrial Certification in IoT , PLC & SCADA by Sofcon India Pvt Ltd.	2019	National
10.	Resource Person in Syllabus detailing workshop on Control Systems at ZCOER Pune with support from BOS - Electronics and UOP, Pune.	2021	National
11.	Organized National Level workshop on MSP430 Microcontrollers in association with TEXAS Instruments USA.	2019	International
12.	Faculty Development Program of Electronics and Telecommunication Engineering organized by JSPM RSCOE Pune.	2017	National
13.	Faculty Development Program on PLC organized by MIT Academy of Engineering with support from BOS - Electronics and UOP, Pune held at MIT AOE.	from 11th to 13th June 2015	National
14.	Organized Workshop on Radiation and Microwave Technologies for S. P. Pune University.	2016	National

15.	Organized Workshop on Wireless Sensor Networks for S. P. Pune University.	21st to 22nd Nov-2016	National
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□ **Membership of Professional Bodies:**

- Reviewer at IEEE Internet of Things Journal
- Reviewer for IET Journals
- Reviewer at IRJET
- IEEE VLSI Community
- IAENG (International Association of Engineers)
- Member, National advisory committee, IFERP
- Committee Member, ICACCT
- IEEE Future Networks Community
- IEEE Big Data Community
- OSA (Optical society of America)
- IEEE Cloud Computing Community

□ **International Journal Publications:**

- A Research Paper on **Digital Control System for Solar Power plant using IoT** published in International Journal of Recent Technology and Engineering (**IJRTE**)
- IoT and Machine learning Paradigm for next generation solar power plant control systems, IJAST, Australia, March 2020.
- Adaptive solar power plant monitoring using IoT, IJRASET, March 2020.
- Research Paper on **solar plant tracking using IoT presented at EVF 19 MIT Pune, further published in Web of Science.**
- A Research Paper on **IoT based Solar Power Analysis and Tracking System** published in International Research Journal of Engineering and Technology (**IRJET**)
- Presented paper on Solar Power Plant Online monitoring And Control system in **National Conference of Sustainable Energy Development of Clean and Green India** in October 2018 at Oriental university Indore.
- ***“Analysis of GSU-MUSIC DOA Estimation Algorithm for Smart Antenna”,***

International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3, Issue 2, February 2015.

- **“Direction of Arrival Algorithm using GSU-minimization”**, International Journal on Recent and Innovation Trends in Computing and Communication, ISSN: 2321-8169, Volume: 3 Issue: 4 April 2015.pg 2353-2355.
- **Implementation of GSU-MUSIC DOA Estimation algorithm for smart antenna** , International Journal of Advanced Research in Electronics and Communication Engineering, Volume.4.Issue.4, April-2015, pp.0982-0985.
- Presented a paper on **Recent trends in embedded systems in national level technical event** at A.G.Patil Institute of Technology, Solapur.
- Presented a paper on **Micro strip antenna** in WEENG-13 national level technical event at COE Osmanabad.
- **“GSU-MUSIC DOA estimation algorithm for mobile communication** , International Journal of Advanced Research in Computer Science and Engineering.

□ **Book Publications:**

Sr.No.	Title of Book	Publisher	ISBN No.	Year
1	Smart Antenna with various Direction of Arrival Algorithms	Lambert International Publishing	978-613-8-27178-9	2019
2	Internet of Things	Nirali Publication	938819480-2	2018
3	Embedded Systems and RTC	Nirali Publication	938819488-8	2018
4	Analog Circuits	Nirali Publication	938839319-3	2018
5	Electronic Devices and Circuits	Nirali Publication	978-9388293-23-5	2018
6	Machine Learning	Nirali Publication	978-93-88706-54-4	2019
7	Broadband Communication Systems	Nirali Publication	978-93-88706-46-9	2019
8	Embedded Systems and Real Time Operating Systems	Nirali Publication	978-93887706-75-9	2019

□ **Expert / Guest Lectures:**

- Resource Person in Syllabus detailing workshop on Control Systems at ZCOER Pune with support from BOS - Electronics and UOP, Pune.
- Expert Lecture on **Electronics System Design** At Dhole Patil College Eng. Pune
- Expert lecture on **Mechatronics** at BSP Institute Pune.
- Expert lecture on **Pattern Recognition** at Bhagwant Institute of Technology, Barshi, Solapur.
- Expert lecture on **Social Awareness** at Rajiv Gandhi Institute Latur.