

Prof. Machchindra Jibhau Garde
(Dept. of Electronics Engineering)

1. Details Seminar/Workshops Attended

Sr.	Name of Institute	From	to	Title
1	Two day State level Workshop on “Design & Analysis of Modern Antennae.” Organized by K.K. Wagh College of Engineering Nashik.	9 Dec,2016	10 Dec,2016	“Association with ISTE ”
2	Two day State level Workshop on “Digital Communications-Challenges & Opportunities.” Organized by K.K. Wagh College of Engineering Nashik.	23 Feb,2018	24 Feb,2018	“Association with Savitribai Phule Pune University”
3	Two day State level Workshop on “5G Multi-Antenna.” Organized by Sir Visvesvaraya Institute of Technology Nashik.	17 Jan,2019	18 Jan,2019	“Association with Savitribai Phule Pune University”
4	One Week Faculty Development Program on “Signal, Image and Video Processing (SIVPAPA-2020)” Organized by Government college of Engineering, Karad.	26 May,2020	30 May,2020	“Sponsored by Technical Education Quality Improvement Program (TEQIP-III)”
5	One Week Workshop on “Next generation software tools & trends for industrial solutions.” Organized by Government college of Engineering Aurangabad.	13 June, 2020	17 June,2020	“Sponsored by Technical Education Quality Improvement Program (TEQIP-III)”
6	One Week Workshop on “Train the trainers on examination reform.” Organized by BVB college of Engineering & Technology,Hubballi.	04 Dec, 2020	07 Dec, 2020	“Sponsored by Technical Education Quality Improvement Program (TEQIP-III)” In collaboration with National Project implementation unit.(NPIU)
7	National Level One Week Faculty Development Program on “ Moodle Learning Management System.” Organized by Pune Institute of Computer Technology Pune.	26 May ,2020	30 May, 2020	“Association with Spoken Tutorial, IIT Bombay. ”
8	Three day Faculty Development Program on “Recent Trends in Technology and Teaching Learning Methodology.” at SAGE University,Indore, MP.	09 July, 2020	11 July, 2020	“Association with ISTE ”

9	Two Week Faculty Development Program on “Machine Learning in real time Embedded & IOT Applications.” Organized by National Institute of Technology, Warangal	2 May,2022	12 May,2022	“Sponsored by National Institute of Technology, Warangal (NIT) ”
10	Two Week Faculty Development Program on “Wireless Network on chip (WiNoC) Architectures.” Organized by National Institute of Technology, Warangal	23 May,2022	30 May,2022	“Sponsored by National Institute of Technology, Warangal (NIT) ”
11	One Week Faculty Development Program on “Amazon Web Services.” Organized by Godavari institute of Engineering and Technology.	22 Aug, 2022	27 Aug, 2022	“Sponsored by All India Council for Technical Education (AICTE) ” In collaboration with Brainovision Solutions India Pvt.Ltd.
12	Three day Faculty Development Program on “Artificial Intelligence and Machine Learning.”	17 April 2021	19April 2021	Conducted by RPG Foundation as a part of ESD program.

2. Details of Paper Presented:

Sr	Title of Paper	Title of Conference	Organizer of Conference & Place	Duration of Conference
1	Review on Multilevel Thresholding segmentation based on Horse Optimization algorithm.	International conference on Engineering and Technology (ICET-23)	National institute for Engineering and Research,Ajmer,India.	22 Jan,2023
2	Otsu and Double-Dimensional Clustering with Wingsuit Flying Search Algorithm (WFSA) for multi-level thresholding in image segmentation.	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	Godavri college of Engineering,Jalgaon, Maharashtra.	29 March,2023
3	Multi-Level thresholding in image segmentation using Remora Optimization Algorithm.	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	Godavri college of Engineering,Jalgaon, Maharashtra	29 March,2023

4	An Implicit Multidimensional Parity based Data Coding and Decoding Algorithms with FPGA Implementation in Communication Systems.	International Conference on Recent Advances in Engineering, Science & Technology (ICRAEST-2023)	Godavri college of Engineering, Jalgaon, Maharashtra	29 March, 2023
5	Iris Recognition by using Gabor filter.	National level paper Presentation	College of Engineering Nagaon, Dhule	2 March 2012
6	Traffic flow rate using microwave radar system.	National level paper Presentation	College of Engineering Nagaon, Dhule	2 March 2012
7	Biorthogonal wavelet based iris recognition system.	National level paper Presentation	College of Engineering Nagaon, Dhule	2 March 2012

3. Details of PATENT Published: **Reference No:** 202221070412
Application No: TEMP/E-1/80871/2022-MUM
Title of Invention: Multilevel Thresholding Segmentation based on Horse Optimization Algorithm.