

## Faculty Profile

- Faculty Name : Dr.Swapnil V. Vanmore
- Designation : Professor
- Department : Electronics & Telecommunication Engineering
- Mobile No. : 8308708959
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### ● Educational Qualification

Sl.	Degree	University	Class
1	B.E.- Electronics & Telecommunication Engineering	Shivaji University, Kolhapur	First with distinction
2	M.Tech- Electronics & Telecommunication Engineering	Pune University, (COEP) Pune	First with distinction
3	Ph.D Electronics Engineering	Shivaji Univesrsity,Kolhapur	First with distinction

### ● Professional experience:-

**Total experience in years:-13**

**Teaching: - 13**

**Industrial: -Nil**

**Research: -03**

Sl.	Organization	Post	Period
1	Sanjeevan Engineering and Technology Institute, Panhala.	Assistant Professor	August 2010 to Sept 2023
2	Ashokrao Mane Group Institute ,vathar	Associate Professor	Sep2023 till date

### ➤ Subject Taught:-

<b>Undergraduate Subjects</b>			
1	Digital Image Processing	2	Analog Circuit Design I,II
3	Python Programming	4	Machine Learning
5	MATLAB Programming	6	Satellite communication
7	Video engineering		
<b>Postgraduate Subjects</b>			
1	Research Methodology	2	Introduction Artificial Intelligence

- **Project Work at U.G.:-** Home Automation
- **Project Work at P.G.:-** Generation of power and store energy CCCV mode
- **PhD Details:**

Registration Date: 1/1/2014,

**Title:** Analysis and Detection of Liver Lesions by CT Images and Optimization using Segmentation Techniques

**Department:** Electronics Engineering Research

Guide: Prof. Dr. S.R.Chougule

- **Research centre: Department of Technology, Shivaji University, Kolhapur**
- **Key skills- PYTHON & LIBRARIES • MACHINE LEARNING ALGORITHMS • DEEP LEARNING,CNN, • SQL, LINUX, WINDOWS TENSORFLOW**

**MACHINE LEARNING ALGORITHMS , LINEAR REGRESSION,**

- LOGISTIC REGRESSION, RIDGE & LASSO REGRESSION, NAÏVE BAYES CLASSIFIER , K-NEAREST NEIGHBOR'S CLASSIFIER SVM , DECISION TREE, RANDOM FOREST, ADA-BOOST, K- MEANS CLUSTERING
- **Research Area of Interest:-** Artificial intelligence and Data science
- **Paper Presented in National & International Conference:-**

Sr. No.	Conference Details	Duration	Place
01	National Conference On Recent Practices In conventional & Non-Conventional Energy Resources [RPCNeR 2013]	February 8-9, 2013	SGI Atigre Kolhapur
02	National Conference on Technical Revolution(NCTR-2015)	December 11-12, 2015	APCE parvati Pune
03	National conference on information and communication Technology	March-13-14 2013	Shivaji University
04	2019 International Conference on Intelligent Computing and Control Systems (ICCS)	15-17 May 2019	Vaigai college of engineering Madurai
05	JOAASR-4th InternationaleConference on Frontiers in Computer & Electronics Engineering and nanoTechnology	19Nov-20Nov 2022	SETI,Panhala

➤ **Paper Published in National & International Journal:-**

\* NJ- National Journal                      IJ- International Journal

➤ **No. of Project Guided at U.G. Level:-**                      16

➤ **No. of Project Guided at P.G. Level:-**                      **03**

➤ **No. of Certified Courses completed:-**                      02

➤ **Expert Lectures Delivered as a Resource Person:-**

Sl.	Name of STTP/FDP/workshop/Conference	Institute	Date
1	Analog circuit design I	Bharati vidhyapeeth Kolhapur	18-22 June, 2013

Sr No	Workshop/STTP	Institute	Duration
1	MATLAB Applications in Engineering	Sanjeevan Engineering and Technology Institute,Panhala	01 week
2	Introduction to Design Algorithms	Shivaji University	02 week
3	Basic Electronics	WCE, sangli	02 week
4	Analog Electronics	KIT,College of Engineering ,Kolhapur	02 week
5	Advances in signal Processing using VLSI	KIT,College of Engineering ,Kolhapur	01 week
6	Moodle	SETI ,Panhala	01 day
7	FOSS	SETI,panhala	01 ay

➤ **Programs Organized:-**

Sl.	Name of Program	Institute	Date
1	International conference in 2021(SETI,Panhala)	SETI Pnahala	20dec-21Dec 2021

➤ **PG Teacher Recognition:** - Yes (3 students guided)

➤ **Projects Guided at UG level:** No. 16

➤ **Membership of Professional Bodies:** ISTE –Life member No. LM 84682

➤ **IETE-Life Member No.**AM235052

➤ **Special Achievement:** GATE Exam score 2008 -**89.05** percentile

➤ Editor for University Tun Hussein on Malaysia Journal (**International Journal of Integrated Engineering**)

➤ **Additional Responsibility**

➤ Training and placement officer of Electronics and Telecommunication Engineering Dept.

➤ Analog circuits lab was established in SETI Panhala.

➤ As a HOD handled during period of Year 2013-2015 and 2019 to 2023

➤ NIRF Coordinator college level

## 12. List of Publications:

- 1) S.V.Vanmore .S.S.nikam ,R.B. Dhumale,N.R.Dhumale ,P.B Mane,.A.N.Sarwade “Automatic Segmentation Using U-Net for Accurate liver Segmentation of CT Images International Journal of Intelligent systems and Application in Engineering (IJISAE) ,11(4),446-452 ISSN:-2147-6799(2023) **(SCOPUS Indexed)**
- 2) Swapnil V. Vanmore, Dr,Sangeeta R. Chougule “Estimation of Level of Liver Damage Due to Cancer using Deep Convolutional Neural Network in CT images” International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-1, November 2019**(SCOPUS Indexed)**
- 3) Swapnil V. Vanmore, Dr,Sangeeta R. Chougule “Liver Lesions Classification System using CNN with Improved Accuracy” JOAASR-4th International eConference on Frontiers in Computer & Electronics Engineering and nanoTechnology [ICFCEET] proceedings. Journal of Advanced Applied Scientific Research -ISSN: 2454-3225Swapnilet al., JOAASR-Vol. 4 No. 1 (2022): 64-73)**(WOS Indexed)**
- 4) S.V.Vanmore, Dr.S.R.Chougule “Survey on Automatic Liver Segmentation Techniques from Abdominal CT Images” 2019 International Conference on Intelligent Computing and Control Systems (ICCS) publisher IEEE Vagai college of engineering ,Madurai, **(SCOPUS Indexed)**
- 5) Aditya patil,Swapnil vamore “Optimized Feature Selection For Brain Tumor Detection” 2022 International Journal of Creative Research Thoughts(IJCRT)Volume 10 issue june 22 ISSN 2320-2882**(UGC care listed)**
- 6) Maske S.A.,S.V.Vanmore, “Advanced Data Logger and Tracer for Earthmover and Heavy Machineries” International Journal of Innovations in Engineering and Technology (IJJET) Volume 6 Issue 1 October 2015, ISSN: 2319 – 1058
- 7) S.V.Vanmore, Dr.S. A.Patil,Prajwalita Ravan “Reconstruction of Torned Document Using Image Processing”National Conference on Technical revolution(NCTR-2015)Akhil Bhartiya Maratha Shikshan Parishad Anantrao pawar college of Engineering &Research.
- 8) Dr.S.A.Patil ,S.V.Vanmore “feature extraction of rich texture document ”International Journal of scientific Engineering &Technology[IJSET]ISSN:2277-1581 Volume no.4 192-196,March2015
- 9) S.V.Vanmore, V.Chavan,S.Chille, “Zigbee based system for bulk billing in malls” National conference on Information and communication technology for education department of electronics of shivaji university march 2013
- 10) S.V.Vanmore, V.V.Vanmore, “Power Generation from Bicycle with CC/CV Controlled Charge System” Proceeding of RPCNeR-2013 at Sanjay Ghodawat Group Of Institutes

**Date:** 1/10/2023

**Place:** Sangli