

RESUME



- 1. Name:** Dr. Swapnil Vasantryo Vanmore
- 2. Designation:** Assistant Professor
- 3. Mob.-8007879862**
- 4. Date of Birth:** 18thNov.1987.
- 5. Educational Qualifications:** *Ph.D. Electronics Engineering*
Specialization-(Artificial Intelligence &Data Science)
Shivaji University ,Kolhapur(**2022**) M.Tech.(E&TC)–
COEP, Pune(2010)
B.E.(E&TC)-ADCET, Ashta(2008)
- 6. Experience:** **Teaching–15+years**
- 7. Mailid-swapnil.v96@gmail.com**
- 8. PhD Details:**
RegistrationDate: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
- 9. Work Experience**

Organization	Designation	From	To	Total
Sanjeevan Engineering and Technology Institute, Panhala.	Assistant Professor [REGULAR STAFF]	August 2010	Sept 2023	13Years
Ashokrao Mane College of Engineering ,Vathar. Kolhapur	Professor	Sept 2023	Aug 2024	11Months
Walchand college of engineering Sangli	Assistant Professor	Aug 2024	Till date	10 months

10. Research Areas: Image Processing, Analog Circuits

Design, Artificial Intelligence , Deep Learning

Key skills- C language, Embedded C, LPC2148 Microcontroller Designing 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 S,Svm , Decision Tree, Random Forest, Ada-Boost, K- Means Clustering , Matlab, Simulink.

11. Subjects teaching at UG/PG Level.

Sr. No.	CLASS	SUBJECT
01	BE Mech.	Digital Image Processing Satellite Communication
02	TE Mech.	Electronics System design
03	SE Mech.	Analog Circuits Design-I,II
04	FE Mech.	Basic Electronics Engineering,
05	M.Tech	Microelectronics, Research Methodology

12. PG Teacher Recognition:-Yes(3students guided)

Projects Guided atUGlevel:No.12

13. Membership of Professional Bodies: ISTE–Life Member No. LM84682

IETE-LifeMemberNo.AM235052

14. Special Achievement: GATE Exam score 2008-89.05percentile

15. Additional Responsibility

1. Training and placement officer of Electronics and Telecommunication Engineering Dept.
2. Analog circuits lab was established in SETI Panhala.
 - a. As a HOD handled during period of Year 2013-2015

- b. NIRF Coordinator college level
- 3.NBA Coordinator
- 4.DQAC coordinator

Reviewer at different conferences

16. Patent- 2 Published

17. Book – Vinsa publication (Advanced block chain)

- **Organized International conference 4th ICF_CEET_2021 in Sanjeevan Engineering Technology in 2021**
- **Certification program done from IIT Roorke 2024 on one year –Electric Vehicle design**

16. International/National Conferences Attended

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 International e Conference on Frontiers in Computer & Electronics Engineering and nano Technology	19 Nov-20 Nov 2022	SETI, Panhala

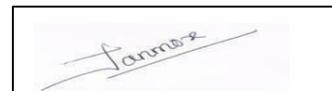
16. Workshop /STTP

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

17. List of Publication:

- 1) Vanmore, S. V., et al. "Automatic Segmentation Using U-Net for Accurate Liver Segmentation of CT Images." International Journal of Intelligent Systems and Applications in Engineering 11.4 (2023): 446-452.(**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” 2019InternationalConference 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)Volume10issuejune22 ISSN2320-2882(**UGC carelisted**)
- 6) Dr.Swapnil V.Vanmor et al “Review on High Precision Laser scanner –Based Intelligent Sprayer ”International conference in college of engineering Pandhrpur 2024

- 7) Dr.Swapnil V.Vanmore, Dr.Ajay M.Pol, Dr. Bhagyashala A. Jadhawar, Prof.Priti P.Shirgaonkar, Mr.Vikas D.Patil “Modified UNET for Liver Segmentation” <http://doi.org/xxxx/jab.v12i1.754> (ISSN 2405-710X) Vol. xx, No.5(2025)(Scopus)
- 8) Dr. Swapnil Vanmore AI-Driven Garbage Detection Drone System with GPS Mapping and Worker Validation Proceedings of the Third International Conference on Emerging Applications of Material Science and Technology (ICEAMST-2025) DVD Part Number: CFP250AX-DVD; ISBN: 979-8-3315-8706-2(SCOPUS)
- 9) Jadhav, Yuvraj Jivan, Bhagyashala A. Jadhawar, and Swapnil V. Vanmore. "Performance Monitoring of Compressor." Grenze International Journal of Engineering & Technology (GIJET) 11 (2025).(UGC)
- 10) Maske S.A.,S.V.Vanmore, “Advanced Data Logger and Tracer for Earthmover and Heavy Machinaries” International Journal of Innovations in Engineering and Technology (IJIET) Volume 6 Issue 1 October 2015, ISSN: 2319 – 1058
- 11) S.V.Vanmore,Dr.S.A.Patil,PrajwalitaRavan “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.
- 12) 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
- 13) 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.
- 14) 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: / /
Place: Sangli

(SIGNATURE)