

Profile of Dr. Gavankar Nitin Laxmanrao

	<p>Name : Dr. Gavankar Nitin Laxmanrao</p> <p>AICTE Id : 1-457002883</p> <p>Department : Department of Computer Science & Engineering (HE)</p> <p>Designation : Professor</p> <p>Highest Qualification : PhD</p> <p>Date of Birth : 14/07/1979</p> <p>Email-id: (official) : nitin.gavankar@walchandsangli.ac.in</p> <p>Total Experience : 19 Yrs</p> <p>Experience at this college : 19 Yrs</p> <p>Date of Joining : FEB/2007</p>
<p>About Faculty :</p>	<p>Dr. N. L. Gavankar is a Professor in Department of Computer Science and Engineering at Walchand College of Engineering Sangli, Maharashtra. He has received his Bachelor of Engineering (BE), Master of Engineering (ME) in Computer Science and Engineering from Swami Ramanand Teerth Marathwada University, Nanded and Ph.D. from Indian Institute of Technology, Roorkee. He has total 19 years of teaching experience and his areas of interest are GIS, Remote Sensing, Image Processing and Machine Learning. He has published research papers in various International journals and conferences and delivered expert talk on various topics such as carrier opportunities for engineers, methodological requirement for research, RS, GIS, etc. He has guided 14 PG dissertations and 50 UG projects. He was also involved as a CO-PI in NRB-DRDO sponsored research project.</p>
<p>Qualification :</p>	<p>Degree : B E, Computer Science and Engineering, S.R.T. Marathwada University, Nanded.</p> <p>Phd : PhD, Remote Sensing and GIS, IIT, Roorkee</p> <p>Post Graduate Degree : M E, Computer Science and Engineering, S.R.T. Marathwada University, Nanded.</p>
<p>Areas of Specialization :</p>	<p>Computer Science Information Systems</p>
<p>Research Identity :</p>	<p>Google Scholar ID : pn4pFggAAAAJ</p> <p>Orcid ID : 0000-0002-8511-5143</p> <p>Scopus ID : 57200390662</p> <p>Vidwan ID : 574513</p>
<p>Publications :</p>	<p>Paper Published/Presented :</p> <p>https://scholar.google.com/citations?user=pn4pFggAAAAJ&hl=en</p>
<p>Patents :</p>	<p>1. AUTOMATED CAR PARKING MANAGEMENT DEVICE, Walchand College of Engineering, Sangli, NATIONAL, 401329-001</p>

Courses Handled/List :	<ol style="list-style-type: none">1. Compiler Design2. Design and Analysis of Algorithms3. Formal Language and Automata Theory4. Remote Sensing and GIS5. Research Methodology
Additional Responsibilities :	Website In charge
Expert Lecture Conducted :	<ol style="list-style-type: none">1. AICTE organized Smart India Hackthon 2019, Organized by AICTE, MIC, Persistant, Venue :- NIT, Tiruchirappalli, Role Of Employee :- Examiner, Date :- 08/07/2019 To 12/07/20192. Ph.D. DRC Expert, Organized By :- Sanjay Ghodawat university, Venue :- Sanjay Ghodawat university, Role Of Employee :- Member, Date :- 02/01/2025 To 02/01/2025
Area of Expertise :	<ol style="list-style-type: none">1. Subject :- Engineering And Technology, Expertise :- Computer Science Information Systems
Other Information :	<p>Achievements : 1. Completed Ph.D. at IIT Roorkee under TEQIP</p> <p>Consultancies : 1. Development of Application for I-Phone</p> <p>Membership of Professional Societies/Bodies : 1. Indian Society for Technical Education (ISTE)</p>



Dr. Nitin Laxmanrao Gavankar

Professor in Department of Computer
Science and Engineering,
Walchand College of Engineering, Sangli

Image Processing
Remote sensing
GIS
Machine Learning

	All	Since 2021
Citations	194	150
h-index	4	4
i10-index	3	3

TITLE	CITED BY	YEAR
Automatic building footprint extraction from high-resolution satellite image using mathematical morphology NL Gavankar, SK Ghosh European Journal of Remote Sensing 51 (1), 182-193	128	2018
Object based building footprint detection from high resolution multispectral satellite image using K-means clustering algorithm and shape parameters NL Gavankar, SK Ghosh Geocarto international 34 (6), 626-643	35	2019
Automatic phishing website detection and prevention model using transformer deep belief network AB Majgave, NL Gavankar Computers & Security 147, 104071	14	2024
Lane detection and lane departure warning system using color detection sensor RY Dhawale, NL Gavankar 2019 2nd International Conference on Intelligent Computing, Instrumentation ...	9	2019
A Review of Machine Learning and Deep Learning algorithms for Chronic Kidney Disease Prediction P Nagre, P Verma, P Kumar, NL Gavankar 2024 2nd DMIHER International Conference on Artificial Intelligence in ...	2	2024
A survey of vertex component analysis: Hyperspectral data unmixing process E Rathod, N Gavankar 2014 International Conference on Innovations in Engineering and Technology 3 ...	2	2014
Developing an Edge based predictive maintenance system for transformer using low-cost sensors PP Baji, NL Gavankar, M Mahambrey, SS Rokade 2024 2nd DMIHER International Conference on Artificial Intelligence in ...	1	2024
Estimation of Height of Building Using High Resolution Satellite Image G N L, R R, waghmare V. In Proceedings of the 10th International Conference on Geographical ...	1 *	2024

TITLE	CITED BY	YEAR
LULC Mapping For Identifying Change In Agricultural Land Cover using Satellite Images PS Raje, RD Dalvi, SV Jadhav, NL Gavankar SSGM Journal of Science and Engineering 1 (1), 142-146	1	2023
Automatic irrigation system by using smart iot sensors S Thakur, D Kekade, MC Chandure, N Gavankar SSGM Journal of Science and Engineering 1 (1), 6-9	1	2023
Study of an Impact of Urbanization on Agricultural Land Using RS and GIS AV Rathod, SS Rokade, NL Gavankar 2025 International Conference on Future Technologies (ICFT), 1-8		2025
A systematic review of LULC, LST and Urban Sprawl SS Mahamune, NL Gavankar 2025 International Conference on Future Technologies (ICFT), 1-8		2025
Periodic Review on Decentralized Framework in Edge Computing HS Shirke, NL Gavankar 2025 International Conference on Future Technologies (ICFT), 1-8		2025
Detection of Depression from Social Media Posts Using Sentiment Analysis and Random Multimodal Deep Learning NLG Amol Govind Patil Journal of harbin Engineering University 46 (05), 569-583		2025
A Deep Learning Approach for Fast Detection of COVID-19 using Lung X-ray Scans NL Gavankar, RR Rathod, VN Waghmare, MM Bokare 2024 2nd DMIHER International Conference on Artificial Intelligence in ...		2024
Automatic Text Summarization using Text Rank Algorithm R Dumne, NL Gavankar, MM Bokare, VN Waghmare 2024 3rd International Conference for Advancement in Technology (ICONAT), 1-6		2024
DETECTION AND EXTRACTION BUILDING FOOTPRINT FROM HIGH RESOLUTION SATELLITE IMAGERY NLG Rohan A. Gaikwad International Journal of Creative Research Thoughts (IJCRT) 8 (11), 1448-1456		2020
Well Allocation Optimization using machine learning in oil fields NLG Gavli Supriya R International Conference on Intelligent Computing and Control Systems ...		2019
Optimization of Face Detection And Recognition Algorithms for Real-time Surveillance System NLG Amruta Shirishkumar Deshmane International Conference on Intelligent Computing and Control Systems ...		2019