

**Dr. Girish Saunshi**

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1. Personal Information			
<b>Designation</b>	Associate Professor, Dept. of CSE, KLE Institute of Technology, Hubballi		
<b>Correspondence Address</b>	2 <sup>nd</sup> Cross, Pragathi Colony, Vidyanagar, Hubballi-580021		
<b>Permanent Address</b>			
<b>Google Scholar ID</b>	<a href="https://scholar.google.com/citations?hl=en&amp;user=gXKAQMIAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=gXKAQMIAAAAJ</a>		
<b>Scopus Author ID</b>	57223677208		
<b>ORCID</b>	<a href="https://orcid.org/0000-0002-8376-8247">https://orcid.org/0000-0002-8376-8247</a>		
<b>Professional Body Membership</b>	Indian Society for Technical Education (ISTE):LM-121158 International Association of Engineers (IAENG) Member No.:324664		
2. Academic Qualification			
Degree/Qualification	College/University	Year	Remarks
<b>Ph. D.</b> Computer and Information Sciences Engineering	V. T. U., Belagavi	2024	
<b>M. Tech.</b> Computer Science and Engineering	CMRIT, Bengaluru (V. T. U., Belagavi)	2010	<b>First Class</b>
<b>B. E.</b> Computer Science and Engineering	BVBCET, Hubballi (V. T. U., Belagavi)	2005	<b>First Class</b>
3. Teaching / Industry Experience			
Designation	College/University/Industry	Period	
<b>Associate Professor</b> Department of Computer Science and Engineering	KLE Institute of Technology, Hubballi	May. 2024 – Till Date	
<b>Assistant Professor</b> Department of Information Science and Engineering	KLE Institute of Technology, Hubballi	Aug 2010 to May 2024	
<b>Software Engineer</b>	Trivensys Technology, Bengaluru	<b>1 year 2 months</b> June 2009-August 2010	
<b>Senior Executive</b>	Synergetics-India Pvt Ltd ( Aptech LTD)	<b>2 Years 0 months</b> June 2007-June 2009	
<b>Lecturer</b> Department of Computer Science and Engineering	SKSVM Agadi College of Engineering and Technology, Lakshmeshwar.	<b>1 Year 01 Months</b> May 2006-june 2007	
<b>Software Architect</b>	Palindrome Software labs, Gadag	<b>06 Months</b> December 2005-May-2006	

#### 4. Professional Highlights

- Recognized Reviewer for Frontiers in Public Health
- International Research Journal of Multidisciplinary Technovation Recognized Reviewer.
- Coordinator Advitiya-24, A national level tech fest.
- Coordinated NBA activities at the department level.
- Played vital role in signing research MoU with University of Agricultural Sciences (UAS), Dharwad in the years 2017 and 2023.
- Board of Studies (BOS) member, Department of Computer Science, KLE Society's, PC Jabin Science College, Hubli, Accredited A++ ,by NAAC
- Attended several Faculty Development Programs (FDP) conducted by IIT, Bombay.
- Coordinator for SAP Hackfest-2024 conducted on 17/05/2024 as regional round

#### 5. Achievements/Rewards

- **Best project of the Year award** in 37th 6 Series, Student Project Programme (SPP), KSCST : 2013-14 for the project titled "MULTI-TOUCH REACTABLE"
- **Technical program committee member** for International Conference on Pervasive Computational Technologies (ICPCT-2025) February 08th - 09th, 2025 Organised by Department of Applied Computational Science & Engineering, GL Bajaj Institute of Technology and Management, Greater Noida, India






#### 6. Grant Received

- Received sponsorship from the Karnataka State Council for Science and Technology (KSCST), Bangalore for the for the final year guided student project entitled "**OVARIAN CANCER OUTLIER DETECTION AND SUBTYPE CLASSIFICATION**" in 47<sup>th</sup> Series of Student Project Programme in 2023-24.  
**(Project Proposal Reference No. : 47S\_BE\_4678, Sanctioned Amount: Rs. 4500/-)**
- Received sponsorship from the Karnataka State Council for Science and Technology (KSCST), Bangalore for the for the final year guided student project entitled "**MULTI-TOUCH REACTABLE**" in 37<sup>th</sup> Series of Student Project Programme in 2013-14.  
**(Project Proposal Reference No. : 37S0463, Sanctioned Amount: Rs.3500/-)**

## 7. Patents Filed

- **Title of the Invention:** Using machine learning to prevent crane operators from incidents with a blind camera
- Application No.:** 202141005793
- Date of filing of Application :** 11/02/2021
- Publication Date :** 19/02/2021

## 8. Publications

Peer-Reviewed International Journals	Quartile Index
<ul style="list-style-type: none"> <li>➤ Yakkundimath, R., <b>Saunshi, G.</b>, Anami, B. et al. Classification of Rice Diseases using Convolutional Neural Network Models. J. Inst. Eng. India Ser. B 103, 1047–1059 (2022). <a href="https://doi.org/10.1007/s40031-021-00704-4">https://doi.org/10.1007/s40031-021-00704-4</a></li> </ul>	<p><b>Scopus</b></p> 
<ul style="list-style-type: none"> <li>➤ Yakkundimath, R., <b>Saunshi, G.</b> &amp; Palaiah, S. Automatic methods for classification of visual based viral and bacterial disease symptoms in plants. Int. j. inf. tecnol. 14, 287–299 (2022). <a href="https://doi.org/10.1007/s41870-021-00701-2">https://doi.org/10.1007/s41870-021-00701-2</a></li> </ul>	<p><b>Scopus</b></p> 
<ul style="list-style-type: none"> <li>➤ Naveen N. M., Rajesh Yakkundimath, <b>Girish B. Saunshi</b>, Mahantesh C. Elemmi, Paddy variety identification from field crop images using deep learning techniques, Int. J. of Computational Vision and Robotics, 2023.</li> <li>➤ DOI:10.1504/IJCVR.2022.10047193</li> </ul>	<p><b>Scopus</b></p> 
<ul style="list-style-type: none"> <li>➤ Naveen N. M., Yakkundimath, R., <b>Saunshi, G.</b>, Elemmi, M.C. and Baraki, P., 2022. A comparative analysis of paddy crop biotic stress classification using pre-trained deep neural networks. Artificial Intelligence in Agriculture, 6, pp.167-175. DOI: <a href="https://doi.org/10.1016/j.aiaa.2022.09.001">https://doi.org/10.1016/j.aiaa.2022.09.001</a></li> </ul>	<p><b>Scopus</b></p> 
<ul style="list-style-type: none"> <li>➤ Yakkundimath, R., <b>Saunshi, G.</b> Identification of paddy blast disease field images using multi-layer CNN models. Environ Monit Assess 195, 646 (2023). <a href="https://doi.org/10.1007/s10661-023-11252-3">https://doi.org/10.1007/s10661-023-11252-3</a></li> </ul>	<p><b>Scopus</b></p> 
<ul style="list-style-type: none"> <li>• Girish Saunshi, Dr. Rajesh Yakkundimath, Shridhar Chini, Dr. M. C. Elemmi, Dr. Yerriswamy T. “An Efficient Decision Making System for Sustainable Fertilization”. Global Journal of Computer Science and Technology, vol. 23, no. D3, Dec. 2023, pp. 19-25, <a href="https://computerresearch.org/index.php/computer/article/view/102350">https://computerresearch.org/index.php/computer/article/view/102350</a>.</li> </ul>	

### Conference Paper

- **G. Saunshi**, S. Chini, P. Ganvatkar and R. Nayak, "Identification and Classification of Medicinal Leaves and their Medicinal Values," 2023 4th IEEE Global Conference for Advancement in Technology (GCAT), Bangalore, India, 2023,
- S. Sajjan, **G. Saunshi** and S. Hiremath, "Contour Based Leaf Segmentation in Green Plant Images," 2022 2nd Asian Conference on Innovation in Technology (ASIANCON), Ravet, India, 2022, pp. 1-5, doi: 10.1109/ASIANCON55314.2022.9909217.

### Book Chapter

*Design and Comparison of Deep Learning Architecture for Image-based Detection of Plant Diseases*, AI and IoT-based Intelligent Health Care & Sanitation, Bentham Science Publisher, pp.222- 239, 2023. ISBN: 978-981-5136-54-8 eISBN: 978-981-5136-53-1 (Online)