


## Profile

<b>Name of the Faculty</b>	Dr A Hariprasad Reddy	
<b>Designation</b>	Professor	
<b>Department</b>	Computer Science and Engineering	
<b>Area of Interest</b>	Digital Image Processing, Artificial Intelligence, Machine learning, Cryptography and Network Security	
<b>Subjects Taught</b>	Artificial Intelligence, Cryptography and network security, Computer networks, Operating System, Blockchain Technology, Soft computing	
<b>JNTUH Registration Id</b>	0540-150425-145853	
<b>College Staff Code</b>	SC1323	
<b>Official Mail</b>	drhariprasadreddy.cse@gcet.edu.in	

### Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	Ph.D	Digital Image Processing	JNTUH	2019
2	M.Tech	Information Technology	JNTUH	2012
3.	B.Tech	CSE	JNTUH	2007

## **Publications Details :**

<b>S. No.</b>	<b>Publication details</b>
1.	<ul style="list-style-type: none"> <li>• <b>“A Novel approach for Noise removal from under water Image”</b>, Gradiva Review Journal, Volume 8 Issue 12,pp:1327-1338, ISSN NO : 0363-8057, Dec 2022.<b>(Scopus Indexed)</b></li> </ul>
2	<ul style="list-style-type: none"> <li>• <b>“A novel approach for Face Mask Detection”</b>, Gradiva Review Journal, Volume 8 Issue 12, pp:390-398, ISSN NO : 0363-8057, Dec 2022.<b>(Scopus Indexed)</b></li> </ul>
3	<ul style="list-style-type: none"> <li>• <b>“A Novel Approach: Color-Texture Histograms (CTH) Method for Object Tracking”</b>, International Journal of Engineering Research and Applications, , Vol. 12, Issue 6, (Series-IV), , pp. 17-22, ISSN: 2248-9622, June 2022.<b>(UGE CARE)</b></li> </ul>
4	<ul style="list-style-type: none"> <li>• <b>“Abnormal Driving Detection In Video Using Alternative Wide Group Residual Densely”</b>, Journal of Positive School Psychology, Vol.6, Issue 8, (Series-IV), , pp. 17-22, ISSN: 2717-7564,pp: 160-167,June 2022.<b>(Scopus Indexed)</b></li> </ul>
5	<ul style="list-style-type: none"> <li>• <b>“Deep Cross Feature Adaptive Network for Facial Emotion Classification”</b>, Signal,Image and Video processing, Springer, Vol.16, pp:369–376 ISSN:1863-1703,July 2021. <b>(SCI)</b></li> </ul>
6	<ul style="list-style-type: none"> <li>• <b>“Occluded Facial Expression Recognition Using Alexnet”</b> , Palarch’s Journal Of Archaeology Of Egypt/Egyptology, Volume 18, Issue 04, pp:1570-1595, ISSN 1567-214x, 2021.<b>(Scopus Indexed)</b></li> </ul>
7	<ul style="list-style-type: none"> <li>• <b>“A Deep Learning Approach For Semantic Segmentation In Brain Tumor Images”</b> European Journal of Molecular &amp; Clinical Medicine, ISSN 2515-8260 Volume 08, Issue 02, pp:1471-1484, 2021.<b>(Scopus Indexed)</b></li> </ul>
8	<ul style="list-style-type: none"> <li>• <b>“Tracking Articles Using Joint Color-Texture Histograms”</b> Complexity International Journal ISSN: 1320-0682, Volume 24, Issue 02, June 2020.<b>(UGC)</b></li> </ul>
9	<ul style="list-style-type: none"> <li>• <b>“Chatbot for scheduling meeting”</b>, The international journal of Analytical and Experimental Modal Analysis, ISSN:0866-9367, May2020. <b>(UGC)</b></li> </ul>
10	<ul style="list-style-type: none"> <li>• <b>“Mobile Cloud Computing With Enhanced Protection And Data Distribution”</b> in International journal of electrical and computer communication engineering, VOLUME 5, ISSUE 2 and APRIL 2019. <b>(Scopus Indexed)</b></li> </ul>
11	<ul style="list-style-type: none"> <li>• <b>"Local Orientation Gradient XOR Patterns: A New Feature Descriptor for Image Indexing and Retrieval"</b>, i-manager’s Journal on Pattern Recognition, Vol. 2 No. 4, ISSN: 2349-7912, February 2016,. <b>(Scopus Indexed)</b></li> </ul>

12	<ul style="list-style-type: none"> <li>• <b>“Dual Tree Rotated Complex Wavelets Transform with Local Binary Patterns for Texture Image Retrieval”</b>, i-manager’s Journal on Digital Signal Processing, Vol. 3, No. 1, ISSN: 2321-7480, January - March 2015. <b>(Scopus Indexed)</b></li> </ul>
13	<ul style="list-style-type: none"> <li>• <b>“Detection and Prevention of misrouting and colluding collision Attacks in wireless Adhoc Networks”</b>, International Journal of Engineering Research and Applications ISSN: 2248-9622, 2015. <b>(Scopus Indexed)</b></li> </ul>
14	<ul style="list-style-type: none"> <li>• <b>“Local Oppugnant Color Space Extrema Patterns for Content Based Natural and Texture Image Retrieval”</b>, International Journal of Electronics and Communications, Elsevier, 69 (2015) 290-298,ISSN: 1434-8411, 2014. <b>(SCI)</b></li> </ul>
15	<ul style="list-style-type: none"> <li>• <b>“Optimized and Intelligent IDS for detecting the vulnerability of DDoS attacks in cloud environment”</b> Journal of Computational Analysis and Applications, VOL. 33, NO. 6, 2024. <b>(Scopus Indexed)</b></li> </ul>
16	<ul style="list-style-type: none"> <li>• <b>“Adaptive Ceiling Fan Automation System for Homes and Public Spaces”</b>, INTERNATIONAL JOURNAL OF RECENT TRENDS IN MULTIDISCIPLINARY RESEARCH, ISSN NO: 2583-0368 Vol 5 (02), 93 -98, March-April 2025. <b>(UGC-Care)</b></li> </ul>
17	<ul style="list-style-type: none"> <li>• <b>“IOT-Based Smart Cart”</b>, INTERNATIONAL JOURNAL OF RECENT TRENDS IN MULTIDISCIPLINARY RESEARCH, ISSN NO: 2583-0368 Vol 5 (02), 60 -64, March-April 2025. <b>(UGC-Care)</b></li> </ul>
18	<ul style="list-style-type: none"> <li>• <b>“Optimized Intrusion Detection for Cloud Networks: A Genetic AlgorithmDriven Approach to DDoS Mitigation”</b>, International Journal of Information and Electronics Engineering, ISSN: 2010-3719, Vol. 15, No. 5, May 2025 <b>(UGC-Care)</b></li> </ul>
	<b>Conference:</b>
19	<ul style="list-style-type: none"> <li>• <b>“Retrieval of Image Using RGB, HSV With Magnitude”</b>, International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622 NATIONAL CONFERENCE on Developments, Advances &amp; Trends in Engineering Sciences (NCDATES- 09<sup>th</sup> &amp; 10<sup>th</sup> January 2015).</li> </ul>
20	<ul style="list-style-type: none"> <li>• <b>“Alerting and Reporting of named entity tweets”</b> International Journal of modern Engineering Research National Conference on Developments, Advances &amp; Trends in Engineering Sciences (NCDATES- 08<sup>th</sup> &amp; 09<sup>th</sup> January 2016).</li> </ul>
21	<ul style="list-style-type: none"> <li>• <b>“Predictive Analysis of Digital India Initiatives in Smart Cities”</b>, 2 nd International Conference on Business Intelligence and Data Analytics (BIDA 2025) held at RV Institute of Management (RVIM), Bangalore, India during April 12-13, 2025.</li> </ul>

	<b>Book Chapter:</b>
17	<ul style="list-style-type: none"> <li>• “Local Edge Patterns for Color Images: A new Feature Descriptor for image indexing and Retrieval”, Artificial Intelligence and Cognitive Computing (AICC-2018), 978-981-13-15800(eBook),Vol: 815 Springer Publication, 2018.</li> </ul>
	<b>Textbook:</b>
18	<ul style="list-style-type: none"> <li>• A Textbook on “Intelligent Search Method for Enhancing High-Level Concept Image Retrieval”, Lulu Publication, 3101 Hillsborough St, United States-May2021.</li> </ul>

**Experience:**

<b>Teaching</b>	16
<b>Industry</b>	-----
<b>Research</b>	14
<b>Total Experience</b>	16