


Profile

Name of the Faculty	Dr. G. Bindu Madhavi	
Designation	Associate Professor	
Department	CSE(AI&ML)	
Area of Interest	Digital Image Processing, Computer Vision, Deep Learning	
Subjects Taught	Computer Organization, Data Warehousing & Data Mining, Computer Networks, Operating Systems, Computer Vision	
JNTUH Registration Id	78150406160752	
College Staff Code	SC1706	
Official Mail	drgbindumadhavi.cse@gcet.edu.in	

Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	Ph. D.	CSE	JNTUH	2020
2	M. Tech.	CSE	JNTUH	2011

Publications Details :

S. No.	Publication details
1.	G. Bindu Madhavi , "Skin Cancer Classification of Dermoscopic Images using Deep Learning," <i>2024 4th International Conference on Advancement in Electronics & Communication Engineering (AECE)</i> , GHAZIABAD, India, 2024, pp. 1242-1247, doi: 10.1109/AECE62803.2024.10911365. (SCOPUS)
2.	G. Bindu Madhavi , "A Hybrid Deep Learning Framework for Gastrointestinal Tract Classification Based on Endoscopic Images", <i>2nd World Conference on Communication & Computing, 2024</i> , 1-16. (SCOPUS)

3.	G. Bindu Madhavi , "Real-Time Data Analysis, Significance, Architectures and Applications for Informed Decision-Making." In <i>2023 International Conference on Power Energy, Environment & Intelligent Control (PEEIC)</i> , pp. 298-302. IEEE, 2023. (SCOPUS)
4.	G. Bindu Madhavi , "Traffic Congestion Detection from Surveillance Videos using Deep Learning," 2023 International Conference on Computer, Electronics & Electrical Engineering & their Applications (IC2E3), Srinagar Garhwal, India, 2023, pp. 1-5, doi: 10.1109/IC2E357697.2023.10262545. (SCOPUS)
5	G. Bindu Madhavi , "A Deep Learning-Based Approach for Hand Sign Recognition Using CNN Architecture", <i>Revue d'Intelligence Artificielle.</i> , 2023, 37. 937-943. 10.18280/ria.370414. (SCOPUS)
6	Dr. G .Bindu Madhavi , "Breast Cancer Detection Using Resnet152", <i>Design Engineering</i> , Issue: 9, ISSN: 0011-9342, 2021, Pages: 17398 – 17409 (SCOPUS)
7	G. Bindu Madhavi , "An Effective Slant Detection and Correction Method Based on the Tilted Rectangle Method for Telugu Manuscript Terms", <i>International Journal of Information Technology Project Management (IJITPM)</i> , Vol. 12, Issue 4, <i>ISSN: 1938-0232</i> , 2021 (SCOPUS, WOS)
8	G. Bindu Madhavi , "The Complete Rank Position Matrix For Content Based Image Retrieval", <i>Journal Of Critical Reviews</i> , Vol 7, Issue 18, June 2020, ISSN- 2394-5125, Pages:997-1015 (SCOPUS)
9	G. Bindu Madhavi , "A New Frame Work for Content Based Image Retrieval Based on Rule Based Motifs on Full Texton Images", <i>International Journal of Advanced Trends in Computer Science and Engineering</i> , Vol.8, Aug, 2019, Pages:1083-1098 (SCOPUS)
10	G. Bindu Madhavi , Content Based Image Retrieval using Robust Local Octal Pattern (RLOPM), <i>International Journal of Advanced Science and Technology</i> , Vol.126, June, 2019, Pages: 39-64 (SCOPUS)
11	G. Bindu Madhavi , "Detection and Diagnosis of Breast Cancer using Machine Learning Algorithm", <i>International Journal of Advanced Science and Technology</i> , Vol. 28, No. 14, 2019, Pages: 228-237 (SCOPUS)
12	G. Bindu Madhavi , "Content based Image Retrieval Using Color and Full Texton Index Co- occurrence Matrix(FTiCM) Features, <i>International Journal of Recent Technology and Engineering</i> , Vol. 8, May, 2019, Pages:1262-1275 (SCOPUS)
13	G. Bindu Madhavi , "Image Retrieval Based On Color and Full Texton Matrix Histogram (C&Ftmh) Features, <i>International Journal of Innovative technology and Exploring Engineering</i> , Vol.8, June, 2019, Pages: 507-521 (SCOPUS)
14	G. Bindu Madhavi , "A Comprehensive Semantic Study On Content Based Image Retrieval", <i>Journal Of Advanced Research in Dynamical & Control Systems</i> vol.10, June, 2018, Pages:349-355 (SCOPUS)

Experience:

Teaching	15 Years
Industry	-
Research	-
Total Experience	15 Years

