

Profile

Name of the Faculty Dr L Venkateswarlu
Designation Professor & HoD
Department CSE(AIML)
Area of Interest Watermarking, AIML, CN, VR
Subjects Taught NN, DAA, CN, DS, JAVA, C.
JNTUH Registration Id 1793-150407-210245
College Staff Code Sc1471



Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	PhD	CSE	JNTUA	2019
2	M.Tech	CSE	OU	2004
3	MCA	Computer Applications	OU	1996
4	BSc	MPC	OU	1993

Publications:

Publication details

1. L Venkateswarlu, N. V. Rao and B. E. Reddy, 'A Robust Dual Watermarking Technique for Medical Images in E-Healthcare Records' HELIX International Journal, vol. 8, no. 2, pp. 3206-3214, Feb. 2018. (Indexed in WOS, ESCI and Thomson Reuters) (PISSN – 2277-3495).
2. L Venkateswarlu, B. E. Reddy, N. V. Rao. 'A Multilevel Prediction-Error Expansion based Fragile Reversible Double Watermarking Technique for Medical Images', Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, 09-Special Issue, 2018 (SCOPUS Indexed journal).
3. L Venkateswarlu, B. E. Reddy, N. V. Rao 'An Arnold DCT based Non-Blind Watermarking Technique for Medical Images', International Journal of Computer Sciences and Engineering, Vol.6, Issue.5, May 2018, ISSN: 2347-2693. (Indexed in ICI, UGC Recognized Journal).
4. L Venkateswarlu, N. V. Rao. 'Digital Watermarking – A Multidisciplinary Approach' CVR Journal of Science and Technology, Volume 5, Dec 2013(ISSN 2277 – 3916).
5. L. Venkateswarlu, B. E. Reddy, N. V. Rao 'Arnold-wavelet based robust watermarking technique for medical images.' ICT in Business Industry & Government (ICTBIG), International Conference on IEEE, 2016. (SCOPUS Indexed Conference)
6. L. Venkateswarlu, N. V. Rao and B. E. Reddy, 'A Robust Double Watermarking Technique for Medical Images with Semi-fragility', 2017 International Conference on Recent Advances in

Electronics and Communication Technology (ICRAECT), Bangalore, India, pp. 126-131,2017. (SCOPUS Indexed Conference)

7. A. Vivekananda, Vadlakonda D and L. Venkateswarlu (2021) ‘Performance Analysis of Predictive Models on Class Balanced Datasets Using Oversampling Techniques’. In: Reddy V.S., Prasad V.K., Wang J., Reddy K.T.V. (eds) Soft Computing and Signal Processing. Advances in Intelligent Systems and Computing, vol 1325. Springer, Singapore. https://doi.org/10.1007/978-981-33-6912-2_34(SCOPUS Indexed Conference)
8. K. Ramasubramanian, Lendale Venkateswarlu, K S Lavanya and Lendale Unnati, ‘Emotional perception of individuals with Autism Spectrum disorder through Machine learning and smart watch’ Turkish Journal of Computer and Mathematics Education, vol. 12, no. 13, pp. 7217-7225, May. 2021. (Indexed in Scopus).
9. K. Ramasubramanian, Lendale Venkateswarlu and Sneha Yerram, ‘Applications and Techniques of Artificial Intelligence in Cyber Security’, Turkish Journal of Computer and Mathematics Education, vol. 12, no. 14, pp. 332-339, May. 2021. (Indexed in Scopus)

Patents

1. OP Detection: Objects Path (OP) stored in Computer’s memory include a directed graph of object directories, Patent No: 202041007995A, 2020.
2. A Genetic Algorithm Approach for Optimization of Machinery Noise calculations, Patent No: 2020410191912,2020.
3. A Multilevel Prediction-Error Expansion based Fragile Reversible Double Watermarking Technique for Medical Images, Patent No: 202141043802

Experience:

Teaching	26 years
Industry	NIL
Research	NIL
Total Experience	26