


Profile

Name of the Faculty	Dr. Lendale Venkateswarlu	
Designation	professor	
Department	CSE(AIML)	
Area of Interest	Watermarking, Artificial intelligence and Deep learning.	
Subjects Taught	Data structures, Computer algorithms, Computer networks, Artificial intelligence, neural networks, c language and basic java programming.	
JNTUH Registration Id	1793-150407-210245	
College Staff Code	Sc1471	
Official Mail	venkatlendale.cse@gcet.edu.in	

2011-2019 **JNTUA, Anantapur**

Education

PhD (Computer Science and Engineering)

Dissertation: “Simulation studies on medical image watermarking for integrity and authenticity”

2002-2004 **University College of Engineering, Osmania University.**

MTech. (CSE) with First Class

Project: “Parallelization of Back Propagation Algorithm”

Guide: Dr A Venugopal Reddy

1993-1996 **Aurora PG College, Osmania University**

MCA (Computer Applications) with First Class

1990-1993 **Govt. City College, Osmania University**

BSc (Math, Physics, Chemistry)

List of Publications

Publications

2013 L. Venkateswarlu, N. V. Rao. ‘Digital Watermarking – A Multidisciplinary Approach’ CVR Journal of Science and Technology, Volume 5, Dec 2013(ISSN 2277 – 3916).

2016 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)

2017 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)

2018 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).

2021 1. Aelgani, Vivekanand, Dhanalaxmi Vadlakonda, and Venkateswarlu Lendale. "Performance Analysis of Predictive Models on Class Balanced Datasets Using Oversampling Techniques." *Soft Computing and Signal Processing 1* (2020): 375.

2. L Venkateswarlu, et al. "Emotional perception of individuals with autism spectrum disorder through machine learning and smart watch." *Turkish Journal of Computer and Mathematics Education (TURCOMAT) 12.13* (2021): 7217-7225.

3. Ramasubramanian, K., Lendale Venkateswarlu, and Sneha Yerram. "Applications and techniques of artificial intelligence in cyber security." *Turkish Journal of Computer and Mathematics Education (TURCOMAT) 12.14* (2021): 332-339.

K S Lavanya K Rama subramanian, Lendale Venkateswarlu, Gillala Rekha, "Effectiveness of mindfulness: The evaluation using machine learning algorithm", *JIT Journal of Innovation and Technology*, Vol. 3, Issue 1, Pages 1-5.

Venkateswarlu Lendale, G. Ramesh, Prabhakar Kandukuri, Mohd Amir, Gautam Hanumanthu, "OCL Based Approach for Sustainable ML Model Development", *E3S Web Conf. 430 01072* (2023), DOI: 10.1051/e3sconf/202343001072

Patents

2020 OP Detection: Objects Path (OP) stored in Computers memory include a directed graph of object directories, Patent No: 202041007995A, 2020.

2020 A Genetic Algorithm Approach for Optimization of Machinery Noise calculations, Patent No: 2020410191912,2020.

2021 A Multilevel Prediction-Error Expansion based Fragile Reversible Double Watermarking Technique for Medical Images. Patent No: 202141043802,2021.

Teaching experience

Having an overall experience of 29+ years in the teaching field.

- 2020- till date **GCET, Hyderabad (2-12-2020 – till date)**
Professor & HoD, CSE(AIML)
Subjects taught: Data structures, Computer Algorithms, Competitive Programming, C Programming.
Conducted a two national level coding contest in Hackerrank platform.
- 2019-2020 **KL university, Hyderabad (27-05-2019 to 30-11-2020)**
Associate Professor, Computer Science and Engineering
Subjects taught: Data structures, Computer Algorithms, Competitive Programming, C Programming.
Conducted a coding contest in Hackerrank.
Actively involved in global coding challenges.
- 2016-2019 **CMRCET, Hyderabad (2-12-2016 to 25-05-2019)**
Associate Professor, Computer Science and Engineering
Subjects taught: Data structures, Computer Algorithms, Competitive Programming, C Programming.
- 2006-2016 **CVRCET, Hyderabad (24-11-2006 to 30-11-2016)**
Associate Professor, Computer Science and Engineering
Subjects taught: Data structures, Computer Algorithms, Computer Networks, Linux programming, OOPS through JAVA, Object Oriented programming through C++, Neural Networks, Artificial Intelligence, Network Programming, Operating System, Database Management Systems, Interactive Computer Graphics, Unix and Shell programming, UNIX System Administration, C Programming.
Other: Department NBA Program Coordinator (2014-2016)
- 1998-2006 **DVRCET, Hyderabad (6-7-1998 to 23-11-2006)**
Associate Professor, Computer Science and Engineering
Subjects taught: Data structures, Computer Algorithms, Computer Networks, Neural Networks, Artificial Intelligence, Network Programming, Operating System, Unix and Shell programming, UNIX System Administration, C Programming.
- 1996-1998 **Prinston PG College, Hyderabad (01-07-1996 to 4-07-1998)**
Lecture, Computer Applications
Subjects taught: Data structures, Computer Algorithms, COBOL, Computer Networks, Artificial Intelligence, Operating System, Unix and Shell programming, C Programming.