


## Profile

<b>Name of the Faculty</b>	E. Mahender	
<b>Designation</b>	Senior Assistant Professor	
<b>Department</b>	CSE	
<b>Area of Interest</b>	Image Processing, Machine Learning, Deep Learning, Optimization Algorithms, Artificial Intelligence.	
<b>Subjects Taught</b>	Operating Systems, Web Technologies, Artificial Intelligence, Machine Learning, OOAD, C and Data Structures, OOPs through Java, DBMS, Linux Programming, CN.	
<b>JNTUH Registration Id</b>	3552-150420-092246	
<b>College Staff Code</b>	SC1098	
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### Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	PhD	CSE	JNTU Hyderabad	Pursuing
2	M. Tech	Software Engineering	CVR College of Engineering, JNTU Hyderabad	2009
3	B. Tech	CSE	Nirmal Engineering College, JNTU Hyderabad	2005

## **Publications Details :**

<b>S. No.</b>	<b>Publication details</b>
1.	Privacy-Preserving Federated Learning for Predictive Healthcare on Heterogeneous Medical Data. 2024 IEEE International Conference on Emerging Research in Computational Science (ICERCS)   DOI: 10.1109/ICERCS63125.2024.10895820   ISBN:979-8-3315-3497-4
2.	Lumbar Spine MRI Images Quality Enhancement through Contrast Limited Adaptive Histogram Equalization, 2024 5th IEEE International Conference on Communication, Computing & Industry 6.0 (C2I6)  DOI: 10.1109/C2I663243.2024.10894837   ISBN:979-8-3503-7989-1
3.	Breast Cancer Risk Detection Using XGB Classification Machine Learning Technique 2022 IEEE International Conference on Current Development in Engineering and Technology (CCET)   978-1-6654-5415-5/22/
4.	Multi-Level Thresholding for Image Segmentation on Medical Images Using Multi Otsu and Sine Cosine Optimization Algorithm” in journal of Annals of R.S.C.B., ISSN: 1583-6258, Vol. 25, Issue 4, 2021, April-2021. (Scopus Indexed Journal)
5.	Preprocessing Algorithm for Computational Privacy Protection in Data Mining” in Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, No. 8, 2018 (Scopus Indexed Journal)
6.	Ample Data Exploration and Map Reduce Indoctrination Decisive Factor” in International Journal of Research, e-ISSN: 2348-6848 p-ISSN: 2348-795X Volume 05 Issue 07 March 2018
7.	Adequate Data Investigation and MapReduce Programming Criterion” Conference paper ICRIEAT-2016
8.	Managing Of Distributed Computation Concerning Databases” in IJRRECS/October 2014/Volume-2/Issue-10/3446-3450 ISSN 2321-5461
9.	Scalable and Efficient Network Using Overlay Tree Concept” in International Journal of Scientific and Research Publications, Volume 2, Issue 10, November 2012 ISSN 2250-3153
10	Peer to Peer Networks – A Review & Study on Load Balancing” in IRACST - International Journal of Computer Science and Information Technology & Security (IJCSITS), ISSN: 2249-9555 Vol. 2, No.4, August 2012
11	<b>Patents published:</b> Automated Quantification System for Tissue in Non Contrast Ct Images Using Deep Learning, Application No.202041041817 A, Publication Date: 09/10/2020.

## **Experience:**

<b>Teaching</b>	16+ Years	
<b>Industry</b>	NIL	
<b>Research</b>	3 Year	
<b>Total Experience</b>	16+ Years	

