

Name: Dr.Manju. D
Designation: Assistant Professor
Department: CS and DS
Mail I'd: manju_d@vnrvjiet.in



Experience (in years): 18yrs Teaching: 18yrs

Research:7 yrs Others(if any, specify):NA

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	UG-MGIT	2002	CS & IT
2	PG-HCU	2004	Artificial Intelligence
3	Ph.D	2023	CSE

2. Teaching and Learning:

2.1. Teaching Interests: Artificial Intelligence, Image processing, Deep Learning, Machine learning.

2.2. Novel Teaching & Learning Techniques adopted:

2.3. Involvement in curriculum updating / Design: updated 2nd, 3rd & 4th curriculum.

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Travelling and Reading books

3.2. CCA/ECA Organized: Nil

3.3. CCA/ECA participated: Nil

3.4. Counseling and Mentoring Activity: Nil

3.5. Committees involved in:

Department level: ISTE coordinator, Cyber suds Coordinator, News letter coordinator, Time table Coordinator.

Institute Level:

4. Conference / Workshop / Seminar / Guest Lectures :

4.1 Conducted:

a) Organized a workshop on “Big Data Analytics and Hadoop” from 06th to 07th December 2013.

b) Organized a workshop on “A 5 Day National Level Hands-On workshop on Machine

Learning with Web Development” from 06 th July 2020 to 10 th July 2020.

4.2 Attended:

a) Participated in one week workshop on “Embedded Systems On IoT” organized by Department of ECE from 25.11.2019 to 30.11.2019 at GNITS, Hyderabad.

b) Participated in One Week National Level Workshop on “Machine and Deep Learning with Python” organized by Department of Computer Science and Engineering from 17th to 21st December 2018 in association with Bennett University Leadingindia.ai and NVIDIA Labs approved by AICTE-New Delhi.

c) Participated in workshop on Emerging Software Engineering Education, Feb 9, 2018 collocated with 11th Innovations in Software Engineering Conference (ISEC 2018) at IIIT Hyderabad, India.

- d) Participated in the One Week Faculty Development Program on “Data Science and R Programming” organized at University Academic Audit Cell (UAAC) Hyderabad from 11th December 2017 to 16th December 2017.
- e) Workshop on “Data Analytics Using R” organized by Department of CSE at Vardhaman College of Engineering, Shamshabad, Hyderabad on 27th and 28th October 2017
- f) Participated in the “Summer School on Deep Learning for Computer Vision” from July 11th 2016 to July 16th 2016 at IIIT Hyderabad.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Resource person during “ AICTE sponsored Two Week Faculty Development Program on Big Data and Machine Learning” organized by the department of CSE , Annamacharya Institute of Technology and Science (Autonomous), Rajampet on 23 rd November 2019.

5.2. Articles / Chapters published in Books:

5.3. Books published as single author or as editor:

5.4. Projects Guided :

a) UG : 20 b) PG : 8

5.5. Research Interests : Image Processing & video Processing, Deep Learning, Artificial Intelligence.

5.6. Ph.D students :

a) Enrolled : 16 b) Submitted : 8 c) Awarded :8

5.7. Papers published in reviewed journals : 15

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Comparison Study of Segmentation Techniques for Brain Tumor Detection.	International Journal of Computer Science and Mobile Computing, November-13	ISSN 2320-088x	7.056	International
2	Brain Tumor Detection Using Multiple Kernel Fuzzy C-Means on Level set Method.	International Journal of Application or Innovation in Engineering and Management, Volume 3, Issue 4, April 2014.	ISSN 2319-4847	9.49	International
3	Frame Prediction- Noise Removal using Denoising Autoencoders	International Journal of Innovative Technology and Exploring Engineering (IJITEE)’, Volume-9 Issue-2, December 2019, Page No. 5296-5299.	ISSN: 2278-3075	5.66	International

4	A Neuro-Fuzzy based Inconsistency Location Display to Represent Efficient Recognition in Social Networks	International Journal of research in Advent Technology , Volume 7, Issue 5-May 2019.		3.58	International
5	A Model for Human Action Classification Using Sum-Product Network	IJIACS, Volume 6, Issue 7, July-2017.	ISSN 2347-8616.	2.65	International
6	Early Action Prediction Using Vgg16 Model And Bidirectional LSTM	IT in Industry, Vol. 9, No.1, 2021, 10th March 2021	ISSN 2203-1731		International
7	Early Action Prediction using 3DCNN with LSTM and Bidirectional LSTM	Turkish Journal of Computer and Mathematics Education, Research Article Vol.12 No.6 (2021), 5 April 2021,	ISSN 2275-2281	0.418	International
8	Performance Analysis of LSTM Based Deep Learning Models for Abnormal Action Prediction in Surveillance Videos	Journal of Theoretical and Applied Information Technology, Volume.100.No 1, 15th January 2022, page no:209-219.	ISSN: 1992-8645,	0.915	International
9	Analysis of Deep Learning Models for Early Action Prediction Using LSTM	Lecture Notes in Networks and Systems 336, https://doi.org/10.1007/978-981-16-6723-7_65 . page no: 879-888		0.60	International

5.8. Papers presented at National / International Journals :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	PDE on Medical Image Processing.	International conference on Engineering, Computing and	International	March 2014

		Technologies, ICECT 2014), Hyderabad, India.		
2	Image and Video Clustering Techniques in High Dimensional Data Set-A Review.	Presented a paper in 1st National Conference on Emerging Trends in Data Science and Intelligent Computing-2018 held at JNTUH college of Engineering SULTANPUR.	International	May 2018
3	Performance Analysis of Feature Extraction Method Based on Genetic Expression For Clustering Video Dataset.	Presented a paper in the 3rd International Conference on Computational Intelligent & Informatics (ICCII-2018) held during 28-29 December,2018, Proceedings in springer – Advances in Intelligent Systems and Computing.	International	December 2018
4	Analysis of Deep Learning Models for Early Action Prediction Using LSTM	International conference on Inventive Computation and Information Technologies (ICICIT-2021)	International	August 2021.
5	Comparative Analysis of LSTM based Deep Learning Models for Abnormal Action Prediction in Surveillance Videos	International Conference On Recent Challenges In Engineering Science And Technology-icrcest-2021,ISBN: 978-93-	International	April 2021.

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5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received:

- Best Paper Award at 3 rd International conference Inventive Computation and Information Technologies (ICICIT-2021) organized by RVS Technical Campus, Coimbatore, India on 12-13 August 2021.
- Best Research Paper Award at International conference on Recent Challenges in Engineering Science and Technology(ICRCEST 2K21) organized by Department of Electronics & Communication Engineering, Ramachandra College of Engineering Eluru, Andhra Pradesh held on 09 th & 10 th April 2021

7. **Motto:** By consistently applying diligent effort, you will enhance superior results.