

Name: Dr. Spoorthy G
Designation: Assistant Professor
Department: CS-DS
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Experience (in years): Teaching: Research: Others(if any, specify):

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D. (NIT W)	2023	Computer Science
2	M.Tech (UoH)	2014	Computer Science
3	B.Tech (JNTUH)	2012	Computer Science

2. Teaching and Learning:

2.1. Teaching Interests: Software Engineering, Machine Learning, Deep Learning and Big Data

2.2. Novel Teaching & Learning Techniques adopted: WIT & WIL, and PPT's

2.3. Involvement in curriculum updating / Design: Designed Courses for Data Science Specialization

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- To motivate students towards doing the projects required for college and let the students get real exposure.
Encouraging 2nd year and 3rd year students with their summer internship and mini projects and helping them in the need of hours.
- Encouraged 2nd year students towards doing new projects for Field Project and get published in conferences
- Finding new research problems through browsing and reading books
- Playing Chess

3.2. CCA/ECA Organized:

3.3. CCA/ECA participated:

3.4. Counseling and Mentoring Activity: Counsels and motivates students allotted to me

3.5. Committees involved in:

Department level:

Institute Level:

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted:

1. 3 Days conference "ICAMADA 2024" in VNR VJIET as a Social Media coordinator.
2. Scheduling coordinator for "SIH 2023" in VNR VJIET.

4.2 Attended:

1. 2 week certification on “AI, ML, DL, CV & NLP Training” from 23 Apr 2024 to 7 May 2024 by EduxLabs India in association with Mechanica IIT MadrasEduxLabs India in association with Mechanica IIT Madras, Issued in May 2024.
2. Five week FDP on "**Familiarization session on Filling IP in Real Time**" from 30 Mar 2024 to 27 Apr 2024 organized by Mohan Babu University, Tirupati.
3. Five FDP on "**Learning from Data Streams,**" from 18 Dec 2023 to 22 Dec 2023 organized by the Global Initiative of Academic Networks (GIAN), sponsored by MHRD, and hosted at the Indian Institute of Information Technology Allahabad.
4. Ten Weeks Training program on “**Astronomical Data Science**” from Aug 2023 to Sep 2023.
5. Certified in “**Applied AI & Deep Learning in Healthcare Data Analysis**” by EduxLabs India in association with Mechanica IIT MadrasEduxLabs India in association with Mechanica IIT Madras, Issued in Apr 2023.
6. Ten days FDP and short training program on “**Artificial Intelligence, Machine Learning, Deep Learning & its Applications**” from 17th June to 28th June 2020.
7. One Week Online Faculty Development Program on “**Current Research Trends in Computer Science (CRTCS)**” organized by KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, Warangal from 29th July, 2020 to 02nd August, 2020.
8. ATAL program on "Artificial Intelligence" at "NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL" in May 2020.
9. Hands-on Intel oneAPI Workshop On “**Getting Started with Intel® Optimization for PyTorch* with oneAPI AI Analytics Toolkit**” by aim issued on 25th March 2022.
10. Five day FDP on “**Machine Learning**” conducted by Dept. of CSE and E & ICT Academy, NIT Warangal, Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI from 12th March – 17th March, 2018.
11. Certification in “**Knowledge Based Community Sharing Systems**” for participating in “The Great Mind Challenge - 2011” Issued by IBM

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

5.2. Articles / Chapters published in Books:

5.3. Books published as single author or as editor:

5.4. Projects Guided:

a) UG: b) PG:

5.5. Research Interests: Agricultural and Healthcare domains, Machine Learning and Deep Learning

5.6. Ph.D students :

a) Enrolled:

b) Submitted:

c) Awarded:

5.7. Papers published in reviewed journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Multi-criteria– Recommendations using Autoencoder and Deep Neural Networks with Weight Optimization using Firefly Algorithm	36(1), pp. 130–138	1728-1431	2.8	International

2	Hybrid Cluster based Collaborative Filtering using Firefly and Agglomerative Hierarchical Clustering	International Journal of Computer and Information Technology	2279-0764	1.5	International
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5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Advancements and Challenges in Recommendation Systems: A Comprehensive Survey	ICAMADA 2024	International	APR 2024
2				

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:

- Completed 8 week online NPTEL Certification on Data Science for Engineers (Dec 2021)
- Bronze certificate from INEX INDIA for the innovation “E-Market place for farmers to sell or auction the goods
- Coordinator certificate from “Smart India Hackathon 2023”
- Have been Reviewer for BP International book publishing. Successfully reviewed 2 book Chapter from JAN 2024.
- Session Chair for “Data Analytics and Cyber Security” track at the “International Conference on Applied Mathematics and Advanced Data Analytics for Industry 5.0 (ICAMADA 2024).

7. Motto:

Go with the Flow and Achieve what is impactful