Name   : A Madhavi

Designation: Assistant Professor
Department: CSE
DoB   : 04-07-1982
AICTE ID : 1-464122875
Mail id   : madhavi_a@vnrvjiet.in

Experience (in years): Teaching: 18   Research: 6   Others(if any, specify):NIL

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D.	Pursuing	CSE
2	M Tech	2010	CS
3	B Tech	2005	CSE

2. Teaching and Learning:

2.1. Teaching Interests: Algorithms, C, C++, JAVA, Data Structures, Advanced Data Structures, Digital Logic Design, Computer Organization, Compiler Design, Operating Systems, Graph Theory

2.2. Novel Teaching & Learning Techniques adopted: Learning by Doing, WIT & WIL

2.3. Involvement in curriculum updating / Design:
- Syllabus framed for "Design and Analysis of Algorithms.", "JAVA Programming" Subjects which was included in R22 II B Tech II Semester.

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Passionate about Teaching.
                           Cooking, Shopping

3.2. CCA/ECA Organized: Actively involved in "Invitation Committee" for organizing CONVERGENCE and SINTILLASHUNZ

3.3. CCA/ECA participated:
- Participated in the activities conducted for women's day .
- Participated in the activities conducted for CONVERGENCE and SINTILLASHUNZ

3.4. Counselling and Mentoring Activity: Mentoring 6 students from each I , II, III,IV year B.Tech(CSE).

3.5. Committees involved in:
        Department level: AQAR, NAAC, NBA.

Institute Level: NIL

4. Conference / Workshop / Seminar / Guest Lectures :
4.1. **Attended:**

- Attended Two weeks online STTP on "Randomized and Approximation algorithms", organized by NIT Warangal, during 20th May to 30th May 2023.

- Attended Two weeks online STTP on "Algorithms for Competitive Exams", organized by NIT Warangal, during 1st Dec to 14th Dec 2021.

- Attended one week FDP on "Multicoretechnologies", organized by Department of Computer Science & Engineering, VNRVJIET in association with National Youth Council of India, Computer Society of India Student Chapter, IEEE CS Student Chapter and Brainovision Solutions India Pvt. Ltd during 28th June to 3rd July 2021.

- Attended one week online FDP on "Intelligent Learning", organized by ANITS, Visakapatnam, AP, during 17th Feb 2021 to 23rd Feb 2021.

- Attended AICTE-ISTE sponsored one week online Refresher programme on "Machine Learning using R Program", organized by JITS, karimnagar, during 22.04.2021 to 24.04.2021 & 26.04.2021 to 28.04.2021

- Attended two week online FDP on "ICT Tools for Teaching ,Learning Process and Institute", jointly organized by Electronics and ICT Academics NIT Patna, MNIT Jaipur, IITDM Jabalpur ,IIT Gowhati & Roorki during 10th Aug 2020 to 21st Aug 2020 under the financial assistance if ministry of electronics and Information technology, Govt of India.

- Attended two week online training programme on "Digital Tools for Writing, Authoring and Reviewing Manuscripts", jointly organized by Electronics and ICT Academics NIT Patna, MNIT Jaipur, IITDM Jabalpur, IIT Gowhati & Roorki during 21st Sep 2020 to 02nd Oct 2020 under the financial assistance if ministry of electronics and Information technology, Govt of India. This programme is endorsed by NBA/AICTE/UGC.

- Attended 40 hours online FDP on "Data Scinece for ALL", jointly organized by Electronics and ICT Academics NIT warangal, NIT Patna, IITDM Jabalpur during 27th July 2020 to 08th Aug 2020 under the financial assistance if ministry of electronics and Information technology, Govt of India.

- Attended one week online FDP on "Artificial Intelligence and Deep Learning", organized by G Pullareddy Engg College, Karnool, during 23rd July 2020 to 27th July 2020.

- Attended one week online FDP on "Outcome based Education and Accreditation", organized by IILM College of Engg and Technology, during 25th May 2020 to 29th May 2020.

- Attended one week online FDP on "Research Methodology: Tools & Techniques", organized by IILM College of Engg and Technology, during 18th May 2020 to 22th May 2020.

- Attended one week online FDP on "Emerging trends and Applications of Artificial Intelligence", organized Department of Information Science & Engineering, Dr.Ambedkar

Institute of Technology., during 10th Aug 2020 to 14th Aug 2020

- Attended one week online FDP on "Python for Machine Learning", organized Department of CSE,VNRVJIET, during 18th May 2020 to 23rd May 2020
- Successfully completed certification course on "AI for Everyone" from coursera in July 2020.
- Attended one week online FDP on "Artificial Intelligence", organized by Santhiram Engg College, during 13th May 2020 to 18th May 2020.
- Attended one week online FDP on "Online Teaching Etiquette and Best Practices", organized by Santhiram Engg College, during 10th May 2020 to 15th May 2020.
- Attended 3-Day National Workshop on "Machine Learning and Predictive Learning Analytics using R", organized by JNTU Sulthanpur, during 22nd Feb 2018 to 24th Feb 2018.
- Attended 2-Day weekend workshop on "Faculty Development", organized by TLC-IIT Hyderabad, during 20th Jan 2018 to 21st Jan 2018.
- Attended 2-Day weekend workshop on "Machine Learning", organized by IIT Kharagpur, during 16th Dec 2017 to 17th Dec 2017
- Attended FDP on "Data Analytics with R" organized by VNRVJIET in association with NIT, Warangal, during 15th May 2017– 20th May 2017.
- Attended Four week AICTE approved FDP by IIT Bombay on "Use of ICT in Education for online and Blended Learning" under MHRD during May 2nd to July 10th , 2016
- Attended FDP on "Algorithms" organized by JNTUH, during 20th Sept 2016– 25th Sept 2016
- Attended A One day workshop on "Data Analytics" as a part of IACC-2017 on 5th Jan 2017.
- Attended international conference on Data Sciences(InDas) in the month of Feb 2014 at VNRVJIET.
- Attended one day workshop on "Introduction to Cloud Context & Cloud Models and Capabilities" in the month of Sep 2014 at TCS,Hyd
- Attended Two day workshop on "Mathematical Principles of Cryptography & Cryptanlysis" in the month of Dec 2014 at HCU,Hyd.
- Attended Three day workshop on "Big Data Analytics & Cloud Computing" in the month of Sep 2014 at VNRVJIET.
- Attended Three day workshop on "Network Security & Cyber Forensics" in the month of Oct 2013 at VNRVJIET.

Organized:
- Organizing team member for ICACECS-2021, organized by CSE, VNRVJIET. Handled papers review, session handling.
- Organizing team member for ICACECS-2022, organized by CSE, VNRVJIET. Handled papers review, souvenir preparation, session handling.
- Organized TEQIP Sponsored Three-Day Workshop on the topic "Network Security & Cyber Forensics" in the month of Oct 2013.

- Organized TEQIP Sponsored Three-Day Workshop on the topic "Emerging Trends in Social Media & Mobile Applications" in the month of Nov 2014.
- Actively involved in organizing International Conference on "Data Sciences" (INDAS) in the month of Feb 2014 Attended:

Guest Lectures/FDPs/Seminars Delivered as Resource Person:
- Session Chair for ICACECS-2022
- Resource Person for 2 weeks online FDP on "Advanced Data Structures", organized by CSE, VNRVJIET during 01-06-2020 to 11-06-2020.
- Resource Person for online Professional Development Program on "Introduction to AI" organized by VNR IEEE Computer Society during 22nd Feb. 2021 to 8th April 2021

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: NIL

5.2. Articles / Chapters published in Books: 13

5.3. Books published as single author or as editor: NIL

5.4. Projects Guided: UG-22, PG - 6
- Presently Guiding Two B Tech Major Project and Two Mini Project and one Internship Project
- Also Guiding one M Tech Project.

5.5. Research Interests: Personalization of e-Learning platforms.

5.6. Ph.D. students: NIL

    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	Data aware Caching using Map Reduce Framework	IJCA, Volume 7– No.1,	2250-1797	Google Scholar	International
2	Detecting Sybil Attackers based on Secure Similarity Trust Communication	IJCEACE, Volume 1 , Issue 7, PP: 33 - 42	2250-3129,	Google Scholar	International
3	A Review On E-Learning And Recommendation System	Recent Advances in Computer Science and Communications	2666-2558	Scopus	International
4	Network Intrusion Detection using Linear Regression	Journal of Emerging Technologies and Innovative Research (JETIR)	(ISSN-2349-5162)	UGC-care	Inernational

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Real-time credit card fraud detection using spark framework	Proceedings of International Conference on Advances in Computer Engineering and Communication System (ICACECS 2020)	International	2020
2	Human Age Estimation Using Support Vector Machine	Proceedings of International Conference on Advances in Computer Engineering and Communication System (ICACECS 2020)	International	2020
3	Comparative Analysis of Different Classifiers for Speech Emotion Recognition	Proceedings of International Conference on	International	2020

		Advances in Computer Engineering and Communication System (ICACECS 2020)		
4	Detection of Renal Calculi Using Convolutional Neural Networks	Proceedings of International Conference on Computational Methods and Data Engineering - ICCMDE 2021	International	2021
5	A Framework for Automatic Detection of Learning Styles in e-Learning	Proceedings of International virtual conference on Machine Learning Applications in Applied Sciences and Mathematics (IVCMASM 2022)	International	2022
6	Travelling Sales Person Problem using Soft Computing- Genetic Algorithm Techniques	International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-22)	International	2022
7	Predicting Learning Styles in Personalized E-Learning Platforms	International Conference on Artificial Intelligence, Blockchain, Computing, and Security (ICABCS-2023)	International	2023
8	A study on automatic mathematical word problem solvers	International Conference on Artificial Intelligence, Blockchain, Computing, and Security (ICABCS-2023)	International	2023
9	A Study on WhatsApp Chat Analysis Using NLP and ML	National E-Conference on Artificial	National	2023

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

| | | | | Intelligence, Cyber Security, IoT and Computing Technologies (NASICT'23) | | |

5.9. Sponsored research Projects: NIL

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: NIL

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received: Best Paper Award for presenting paper in International Conference on Advances in Computer Engineering and Communication Systems (ICACECS-2020), Springer Conference for the paper title "Real-time credit card fraud detection using spark framework".

7. Motto: The most important tool towards women empowerment is "Education".