

Name : A Madhavi  
Designation: Assistant Professor  
Department: CSE  
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Experience (in years): Teaching: 16      Research: 3      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: POGIL, 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 R18 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: IQAC, NAAC, NBA, ISO.  
Institute Level: NIL

#### **4. Conference / Workshop / Seminar / Guest Lectures :**

##### **4.1. Attended:**

- Attended one week online FDP on “Intelligent Learning”, organized by ANITS, Visakapatnam, AP, during 17<sup>th</sup> Feb 2021 to 23<sup>rd</sup> 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 & Roorkee during 10<sup>th</sup> Aug 2020 to 21<sup>st</sup> 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 & Roorkee during 21<sup>st</sup> Sep 2020 to 02<sup>nd</sup> 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 Science for ALL”, jointly organized by Electronics and ICT Academics NIT warangal, NIT Patna, IITDM Jabalpur during 27<sup>th</sup> July 2020 to 08<sup>th</sup> 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 23<sup>rd</sup> July 2020 to 27<sup>th</sup> July 2020.
- Attended one week online FDP on “Outcome based Education and Accreditation”, organized by IILM College of Engg and Technology, during 25<sup>th</sup> May 2020 to 29<sup>th</sup> May 2020.
- Attended one week online FDP on “Research Methodology: Tools & Techniques”, organized by IILM College of Engg and Technology, during 18<sup>th</sup> May 2020 to 22<sup>th</sup> 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 10<sup>th</sup> Aug 2020 to 14<sup>th</sup> Aug 2020
- Attended one week online FDP on “Python for Machine Learning”, organized Department of CSE,VNRVJIET, during 18<sup>th</sup> May 2020 to 23<sup>rd</sup> 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 13<sup>th</sup> May 2020 to 18<sup>th</sup> May 2020.
- Attended one week online FDP on “Online Teaching Etiquette and Best Practices”, organized by Santhiram Engg College, during 10<sup>th</sup> May 2020 to 15<sup>th</sup> May 2020.

- Attended 3-Day National Workshop on “Machine Learning and Predictive Learning Analytics using R”, organized by JNTU Sulthanpur, during 22<sup>nd</sup> Feb 2018 to 24<sup>th</sup> Feb 2018.
- Attended 2-Day weekend workshop on “Faculty Development”, organized by TLC-IIT Hyderabad, during 20<sup>th</sup> Jan 2018 to 21<sup>st</sup> Jan 2018.
- Attended 2-Day weekend workshop on “Machine Learning”, organized by IIT Kharagpur, during 16<sup>th</sup> Dec 2017 to 17<sup>th</sup> Dec 2017
- Attended FDP on “Data Analytics with R” organized by VNRVJIET in association with NIT, Warangal, during 15<sup>th</sup> May 2017– 20<sup>th</sup> 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 2<sup>nd</sup> to July 10<sup>th</sup> , 2016
- Attended FDP on “Algorithms” organized by JNTUH, during 20<sup>th</sup> Sept 2016– 25<sup>th</sup> Sept 2016
- Attended A One day workshop on “Data Analytics” as a part of IACC-2017 on 5<sup>th</sup> 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 & Cryptanalysis” 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:**

- 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:**

- 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 22<sup>nd</sup> Feb. 2021 to 8<sup>th</sup> April 2021

## 5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: NIL

5.2. Articles / Chapters published in Books: 3

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

5.4. Projects Guided: UG-16, PG - 6

- Presently Guiding one B Tech Major Project and one 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	Real-time credit card fraud detection using spark framework	Springer, Machine Learning Technologies and Applications, Algorithms for Intelligent Systems	Book Chapter	Scopus	International
4	A Review On E-Learning And Recommendation System	Recent Patents on Computer Science	2666-2558	Scopus	International
5	Human Age Estimation Using Support Vector Machine	Springer, Machine Learning	Book Chapter	Scopus	International

		Technologies and Applications, Algorithms for Intelligent Systems			
6	Comparative Analysis of Different classifiers for Speech Emotion Recognition	Springer, Learning and Analytics in Intelligent Systems	Book Chapter	Scopus	International
7	Network Intrusion Detection using Linear Regression	Journal of Emerging Technologies and Innovative Research (JETIR)	(ISSN-2349-5162)	UGC-care	International

5.8. Papers presented at National / International Journals: NIL

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1				
2				

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

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