

Resume

**Dr.MADHULIKA YARLAGADDA,
FLAT. NO 401, KAPEESA ENCLAVE,
SAI KRISHNA NAGAR EXTENSION,
OPPOSITE TO CURRENT OFFICE,
GUJJANAGUNDLA.
GUNTUR,A.P-522006**

Cell : 8790409901

E-Mail : madhulika.yarlagadda@gmail.com

Career Summary:

Seeking a position to utilize my skills and abilities in the organization that offers professional growth while being resourceful, innovative and flexible.

Educational Qualifications:

- Ph. D (CSE) in 2021 from JNTU, Kakinada .
- M. Tech (CSE) in 2012 from GNEC, Ibrahimpatnam affiliated to JNTU, Hyderabad.
- B. Tech (CSE) in 2008 from VEC,Vadlamudi affiliated to JNT University, Kakinada

Work Experience:

- Now, I am working as Associate Professor in **MVSR Engineering College, Hyderabad** since September 2022.
- Worked as an Assistant Professor in the Department of IT at **RVR & JCCE, Chowdavaram,Guntur** from June 2013 to August 2022.
- Worked as an Assistant Professor in the Department of IT at **Guru Nanak Institute of Technology, Ibrahimpatnam, Hyderabad** from June 2012 to April 2013
- Worked as an Assistant Professor in the Department of CSE at **Jawaharlal Nehru Institute of Technology, Bongloor ,Hyderabad** from Feb 2009 to Nov 2010
- Trained on Core Java and J2EE
- Completed Diploma Apprentice in **ECIL**, Hyderabad from Nov-2003 to Nov-2004.

Subjects Taught

- Formal Languages and Automata Theory
- Compiler Design
- Web Technologies
- Java Programming
- OOP using C++
- Problem Solving using C
- J2EE and Web Services
- Mobile Application Development(J2ME,Android Programming)
- Operating Systems
- Data Mining
- Natural Language Processing
- Modern Web Applications

Papers published

- Published a Book (ISBN:978-93-92373-07-7) on Natural Language Processing with Python.
- J Manjula, S Radharani, NH Rao, **Y Madhulika,**” An Ensemble Classification Techniques Based On ‘MI’Model For Automatic Diabetic Retinopathy Detection” Turkish Online Journal of Qualitative Inquiry (TOJQI), Volume 12, Issue 3, June 2021:1002- 1010
- **Madhulika Yarlagadda,** K. Gangadhara Rao, A. Srikrishna, "Document Retrieval and Cluster Based Indexing using Rider Spider Monkey Optimization Algorithm", International Journal of Recent Technology and Engineering (IJRTE), vol 8, issue 6, 1318-1327(**SCOPUS Indexed**)
- **Madhulika Yarlagadda,** GR Kancherla, Srikrishna Atluri, "Incremental document clustering using fuzzy-based optimization strategy", Evolutionary Intelligence DOI:10.1007/s12065-019-00335-1 ISSN:18645909 (**SPRINGER SCOPUS Indexed, Web of Science, UGC**)
- **Y. Madhulika,** Srikrishna A, K. Gangadhara Rao "Frequent itemset-based feature selection and Rider Moth Search Algorithm for document clustering", Journal of King Saud University-Computer and Information Sciences, <https://doi.org/10.1016/j.jksuci.2019.09.002>, Accepted date: 04.09.2019 (**ELSEVIER SCOPUS Indexed, Web of Science, UGC**)
- A.V.Kavitha,**Madhulika.Y,**SiddardhaKumar.M, "Comparison of Edge Detection Techniques for Brain MRI Image",IRACST - International Journal of Computer Science and Information Technology & Security (IJCSITS), ISSN: 2249-9555 Vol. 5, No3, June 2015.
- N. HanumanthaRao, M. RajasekharaBabu, Y. Madhulika, "Analysis of Cache coherence protocols for Multi-Core Architectures", Journal of Innovation in Electronics and Communication (JIEC), ISSN 2249-9946, Jan-June 2013 Issue, India, 2013.
- Madhulika.Y, Dathathreya.P, HanumanthaRao.N, "Efficient Extraction of Word Aliases from Web", International Journal of Computer Science, Information Technology, & Security (IJCSITS) , ISSN 2249-9555, December 2012 , Issue, Volume 2 , 2012.

Co Curricular Activities

- Completed the NPTEL Online Certification course and NPTEL-AICTE FDP on Introduction to Automata, Languages and Computation.
- Completed the NPTEL Online Certification course and NPTEL-AICTE FDP on Java Programming.
- Completed the NPTEL Online Certification course Problem Solving through Programming in C.
- Completed FDP301X:”Mentoring Educators in Educational Technology”a course of study offered by IIT BombayX an online learning initiative of IIT Bombay.
- Stood as Top Performer in the FDPs: FDP101X and FDP201X.
- Completed FDP201X: “Pedagogy for online and blended teaching-Learning process” a course of study offered by IIT BombayX an online learning initiative of IIT Bombay.
- Completed FDP101X: “foundation program in ICT for education” a course of study offered by IIT BombayX an online learning initiative of IIT Bombay.

Key Roles

- Program Committee member and Reviewer for the International Conference on Data Science and Applications(ICDSA 2023) held during July 14-15th 2023.
- Program Committee member and Reviewer for the International Conference on Power Engineering and Intelligent Systems(PEIS2023) held during June 24-25th 2023.
- Session Chair for a technical session on Informatics and Applications (22.04.2023 11:00-12:00 (IST)) during 2023 IEEE International Conference on Contemporary Computing and Communications (InC4) Organised by the Department of Computer Science and Engineering, CHRIST (Deemed to be University), Kengeri Campus, Bangalore -560 074 during April 21-22, 2023
- BOS member ,CSBS Department,RVR&JCCE,Hyderabad
- BOS member ,CSE(AI&ML),MVSREC ,Hyderabad.
- Member SMC, Dr.KLP Public School,Guntur.
- Minor Degree Programme Co-ordinator ,BE-CSE(AI&ML),MVSREC,Hyderabad.
- Reviewer for the 2023 International Conference on Contemporary Computing and Communications (InC4), IEEE Computer Society, CHRIST University Bangalore.
- Reviewer for the Scopus Indexed Journal "Bulletin of Electrical Engineering and Informatics".
- Paper Presentation Jury Member for 10th Annual,Telangana State Student Convention "FUSION-2022" on 15th and 16th December 2022.
- Resource Person for National Level Workshop on "Advances in Natural Language Processing with Hands-On" during 17-22nd October,2022 at MVSREC.

Technical Skills

Programming Languages : C, C++, J2SE, J2EE,J2ME,Android.
Web Technologies : HTML, Java Script.
Database : MS-Access, Oracle10g
Web Application Server :Web Logic, Apache Tomcat 5.0

Personal Skills:

Comprehensive problem solving abilities, excellent verbal and written communication skills, ability to deal with people diplomatically, willingness to learn team facilitator hard worker.

Personal information:

Father's Name : Satyanarayana
Date of Birth : 02nd June 1984
Martial Status : Married
Nationality : Indian

I hereby declare that all the above furnished details are true to the best of my knowledge.

Date: 19.08.2023

Place: Hyderabad


(Dr.Y.MADHULIKA)