Dr. M. MARY SUJATHA

M.Sc(IS), M.Tech(CSE), Ph.D(CSE)

Assistant Professor,
Department of Computer Science,
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Tirupati.
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Summary

- ✓ A competent and dynamic professional with **Doctorate in Computer Science and Engineering** having **Ten years of experience**, including 3.3 years in IT industry and 7 years in Teaching.

- ✓ **Doctorate received from Krishna University** for the thesis submitted on "Identification of key nodes and pathways in protein-protein interaction network using concatenation and network analysis".

- ✓ Published research papers in various international journals and conferences.

- ✓ Real time exposure with clients and live projects made a pavement to act as student project coordinator.

- ✓ Teacher, Facilitator, Student councilor and coordinator in co curricular activities.

Employment Details

- Working as Assistant Professor in Computer Science Department, National Sanskrit University (Earlier named as Rastriya Sanskrit Vidhyapeeta), Tirupati. From Sep 2019 to Till Date.

Employment History

- Worked as Assistant Professor in K L University, Vaddeswaram. Dec 2018- Sep 2019.

- Worked as Assistant Professor in Andhra Loyola Institute of Engineering and Technology, Vijayawada. Sep 2009 - Apr 2016.

- Worked as Software Engineer/Business Analyst in Satyam Computer Services Ltd, Hyderabad. Dec 2006 - Jun 2009.

Achievements

- ✓ International Women's Day 2021 Vvogues presented "Nari Sakthi Award" as Women Icon.
- ✓ Qualified in Assistant Professors Screening Test-2018 Conducted by APPSC for AP Universities.
- ✓ Attained Lecturer ship by qualifying APSET-2012
- ✓ I have certifications in
  - JDA-Manugistics (Technical)
  - Sun Certified Java Programmer (SCJP)
  - Oracle Certified Associate (OCA)
- ✓ Selected as National Merit Scholar during the year 1999.

Academic Performance

- **Ph.D** (Computer Science and Engineering) from Krishna University in Sep-2018.
- **M.Tech** (Computer Science and Engineering) from Allahabad Agriculture Institute (AAI) during the period of 2004-2006 with **76%.**
- **M.Sc** (Information Systems) from P.B Siddhartha (Nagarjuna University) during the period of 2002-2004 with **81%.**
- **BCA** From KBN College (Nagarjuna University) during the period of 1999-2002 with **74%.**

Technical Skills:

- Programming   : Advanced Java Programming, Oracle, C, Web Programming, R.
- Tools   : MS-Office, Cytoscape, Dollar U.
- Operating Systems : Windows All versions, Ubuntu.

Projects Handled

No	Project Name	Client	Role	Duration

1	JDA Practice (Building Domain Competency)	JDA	Development	Jan 2007 – Jul 2008
2	RFID Retail POC – FUTURUS	FuturusLab, Chennai	Development	Jun 2007 – Jul 2008
3	CISCO_SYNERGY DEVELOPMENT AND QA – BI (US Theatre)	CISCO, USA	Analysis & maintenance	Oct 2008 – Jun 2009

Patent Published

1. Title of the Invention: VOICE BASED SMART HOME AUTOMATION SYSTEM

   Field Of Invention: Communication

   Inventor Name: Dr M Mary Sujatha

   Patent Application Number: 202041050057

   Publication Date: 27/11/2020

2. Title of the Invention: Network Selection System and Method for WiMax Integrated Network and WLAN Integrated Network

   Field Of Invention: Communication

   Inventor Name: Dr M Mary Sujatha

   Patent Application Number: 201941032402 A

   Publication Number: 33/2019

   Publication Date: 16/08/2019

Professional Membership

- Member in Association for Computing Machinery.
- Member in Computer Science Teachers Association.
- Member in International Association Of Engineers

Workshops/Seminars/Conferences

- Completed Faculty Induction Program by HRDC UOH with A+ certification during Nov 30th to 29th Dec 2020.

- Completed 2-Weeks Comprehensive Online Patent Information Course organised by Turnip Innovations during Nov 2020

- Participated one week online "International research orientation program" organized by Maharishi Markandeshwar Deemed to be University, Haryana during 26-31 Oct 2020

- Attended online national workshop on "Recent Trends in Data Analytics and Machine Learning" by Rayalaseema University during Aug 4th & 5th 2020

- Online FDP on Artificial Intelligence and Deep Learning by APSSDC during Jul1 to 28th 2020

- Online Certificate program-NSU-Basic Functional Sanskrit completed during Jun-Aug 2020

- NPTEL Online Course (Introduction to Basic Spoken Sanskrit) completed during Feb-Mar 2020

- Advanced Deep Learning Techniques, from 13th May 2019 to 18th May 2019, NIT Warangal and KLEF Vaddeswaram.

- Machine Learning with R from 27th Sep 2016 to 1st October 2016, PVP Siddhartha Institute of Technology Vijayawada

- IBM SEED(Software Engineering for Educational Development) from 13th June 2013 to 15th Jun 2013, Andhra Loyola Institute of Engineering and Technology Vijayawada.

Publications and Presentations

2021

1) "A Study On Artificial Intelligence behind Natural Language Processing" published in 2021 IJCRT | Volume 9, Issue 1 January 2021 | ISSN: 2320-2882

2020

1) "A study on Epidemiology and its models" Indian Journal of Public Health Research & Development, March 2020, Vol. 11, No. 03

2) Participated and presented a paper on 27th Mar "Comparative study on machine learning techniques usage in prediction of student score board" in virtual national conference by Sri Padmavathi Mahila Viswa Vidyalayam, Tirupathi.

3) Participated and Presented a paper on 6th Nov "A study on AI behind NLP" in virtual national conference by Sri Padmavathi Mahila Viswa Vidhyalayam.

2019

1) "Metrics for Accessing Quality of a website", International Journal of Innovative Technology Exploring Engineering (IJITEE) ISSN: 2278–3075 (Online), Volume-8 Issue-8, June 2019, Page No.:1710-1714 B IF:5.54

2017

2) "Pruning Protein Protein Interaction Network in Breast Cancer Data Analysis" International Journal of Computer Science and Information Security (IJCSIS), Vol. 15, No. 7, July 2017. ISSN 1947-5500, Page Number: 73-76, IF: 0.553.

3) "Identification of Common Proteins Among Thyroid and Breast Cancer Using Set Operations" International Journal of Computer Science & Information Technology Research Excellence Vol. 7 Issue 4, July –August 2017, ISSN NO. 2250-2734(Print), 2250-2742(Online) Page Number: 27-29, UGC listed journal(48079), I.F: 2.89.

4) "A Study on Public Repositories of Human Protein Protein Interaction Data " IJIACS ISSN 2347 – 8616 Volume 6, Issue 6 June 2017, Academic Science Page Number: 71-77, UGC listed journal(47464), IF: 2.65.

5) "Construction of Breast Cancer Based Protein Protein Interaction Network Using Multiple Sources of Datasets" Accepted by ICCSAI-2017 for both Presentation and Publication in Soft Computing and Medical Bioinformatics, SpringerBriefs in Forensic and Medical Bioinformatics.

2016

1) "A Review on Computational Methods Used in Construction of Protein Protein Interaction Network" ISSN (ONLINE): 2250-0758, ISSN (PRINT): 2394-6962

www.ijemr.net,Volume-6, Issue-6, Nov-Dec 2016, Page Number: 71-77, PIF: 4.006.

2015

1) " A Novel Survey on Protein Interaction Networks" IJRSCSE Volume 2, Issue 3, March 2015, PP 53-58 ISSN 2349-4840 (Print) & ISSN 2349-4859 (Online) www.arcjournals.org.

2) "A Review On Protein Protein Interactions Using Computational Techniques" National Conference on Advancements in Embedded Systems and Sensor Networks (AESSN-2015) ISSN: 2348-8387,pgno-55 www.internationaljournalssrg.org.

Strengths

- Learning any subject by analyzing its practical implementation.
- Self motivated, ready to accept responsibilities and ready to lead a team.
- Enthusiastic to learn more and more and try to apply thoughts in practical situations.
- Interpersonal skills help me to analyze and solve technical, non-technical problems.

Personal Profile

- Date of Birth   : Aug 1982
- Marital Status   : Married
- Languages Known   : English, Telugu, Hindi, Sanskrit
- Gender   : Female
- Nationality   : Indian

I hereby declare that all the information furnished above is true to the best of my knowledge.

(Dr M Mary Sujatha)