Resume

Dr. M. Rekha Sundari M.Tech, PhD.

Associate Professor, Information Technology,

Anil Neerukonda Institute of Technology & Sciences,

E-mail:mr.sundari@gmail.com

Objective : To carry out extensive research and to enhance the quality of teaching by demonstrating real time problems to the students with the help of pedagogy initiatives for making them practically knowledgeable.

Assets : Realistic confidence gained from several achievements and experiences in academic as well as professional fields. Dynamic, team spirited, optimist.

Qualifications:

- ✔ **PhD** from JNTU Kakinada with specialization in Web Mining, May 2016.

- ✔ **M.Tech** from GITAM University, Visakhapatnam, 2007-2009.

- ✔ Master of Computer Applications, June – 2005 Indira Gandhi National Open University, New Delhi.

- ✔ Bachelor of Computer Applications, December –2004, Indira Gandhi National Open University, New Delhi.

- ✔ Diploma in Electronics and Instrumentation Engineering – July, 1999, State Board of Technical Education and Training, Andhra Pradesh, Hyderabad.

Professional Experience:

- ✔ 10 years i.e. from July 9th 2008 to April 30th 2018 as Assistant Professor in the Department of CSE, GIT, GITAM University, Visakhapatnam.

- ✔ Serving as Associate Professor in Anil Neerukonda Institute of Information Technology, Visakhapatnam from May 2018 to till date.

Papers Published:

1. Sundari M. Rekha, Prasad Reddy PVGD, and Y. Srinivas, "User Behavior Modeling based on Adaptive Gaussian Mixture Model". International Journal of Computer Applications 60.4 (2012): 1.

2. Sundari M. Rekha, Prasad Reddy PVGD, and Y. Srinivas, "A Review on Pattern Discovery Techniques of Web Usage Mining". International Journal of Engineering Research and Applications. Vol. 4, Issue 9, September2014.

3.   Sundari M. Rekha, Prasad Reddy PVGD, and Y. Srinivas, "An Improved Classification Technique Using Adaptive Gaussian Mixture Model for User Behavior Modeling". International Journal of Computer Science & Communication Volume 6 (1) September - March 2015

4.   Sundari M. Rekha, Prasad Reddy PVGD, and Y. Srinivas, "An Effective Mechanism for Personalization of Student Behavior Using Sequential Pattern Mining". KASMERA Journal, **Science Citation Index Expanded**, 43(1), 2015.

5.   Sundari M. Rekha, Jaya Chandra , Prasad Reddy PVGD, and Y. Srinivas, "A Hybrid model for Web page Recommendation". International Conference on Innovations in Computer Science and Information Technology – ICICSIT 2015.

6.   Sundari, R. "A Web Navigation Framework to Identify the Influence of Faculty on Students using Data mining Techniques." Journal of Computer Science & Systems Biology 8.5 (2015): 239.

7.   Sundari M. Rekha, Y. Srinivas and Prasad Reddy PVGD. "Preprocessing of Web Log Data For Web Personalization". International Journal of Advances in Engineering & Technology, Feb., 2017, ISSN: 22311963, Vol.10, Issue 1, pp. 93-104.

8.   Naveen Kumar, Sundari M. Rekha and Y. Srinivas "Analysis for Identifying Best Fit Clustering Algorithms on Web Usage Data "International Journal of Computer Information Systems". ISSN: 2349-2048, Volume-4 Issue-6, June 2017.

9.   M. Rekha Sundari, Prasad Reddy PVGD, and Y. Srinivas "Modeling the Cause of Road Accidents using Data Mining Techniques "International Conference on New Trends in Engineering & Technology-7-8 september 2018.

10.   M. Rekha Sundari, Prasad Reddy PVGD, and Y. Srinivas "Traffic Risk- Safety Restraints-Awareness through Data Mining Approaches" International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249-8958, Volume-8 Issue-5, June 2019.**(SCOPUS)**

11.   Rekha Sundari.M, Siva Rama Krishna.G, Sai Naveen.V,Bharathi.G" Crop Recommendation System Using K-Nearest Neighbors Algorithm", 6th International Conference on Recent Trends in Computing, 3-4 July, 2020 organized by Department of computer science and Engineering SRM Institute of Science and Technology,NCR campus,Ghaziabad.

12.   Rekha Sundari M, P.Padmaja "A comprehensive Rubric Model for Assessment of Final Year Projects"was accepted by a **SCOPUS indexed Journal** "Solid state Technology",**in August 2020** and yet to be published .

Seminars/Conferences/workshops/Faculty Development programs attended:

1.   Successfully completed one week National Level Faculty Development Program and online Training on " SCILAB - An Open Source Substitute for MATLAB " jointly organized by JNTUH College of Engineering, Sultanpur, Sangareddy (Dt.) and Spoken Tutorial Project IIT Bombay from 25th May 2020 to 30th May 2020.

2.   Successfully completed Online Workshop on "LaTeX" jointly organized by MIT College Of Railway Engineering and Research Barshi & Spoken Tutorial Project, IIT Bombay, from 14th -17th May 2020.

3.   Successfully completed one week National Level Faculty Development Program and Online Training on "Moodle Learning Management System" organized by JNTUH College of Engineering, Sultanpur, Sangareddy (Dt.) in association with Spoken Tutorial Project IIT Bombay, from 10th June 2020 to 15th June 2020.

4.   Participated in a 5 Day National Level Online Faculty Development Program on Artificial Intelligence from 22 May 2020 to 26 May 2020 organised by the Department of Information Technology Vignan's Institute of Engineering For Women in association with NYCI & Brain O Vision Solutions India Pvt. Ltd.

5.   Successfully completed "Awareness Programme on National Board of Accreditation (NBA)" on 14-6-2020, Organized by the Department of Computer Science and Engineering, Bharat Institute of Engineering and Technology (BIET) under ISTE, CSI & ACM Professional Chapters.

6.   Attended a Virtual webinar on "Virtual Labs: Effective Tool for Teaching and Learning" organized in association with AICTE & Virtual Lab, Centre for System Design, NITK Surathkal held on 10 July 2020.

7.   Attended Virtual webinar on VueJs & MEAN Stack organised by Department of Information Technology,ANITS,Visakhapatnam in association with CSI on 4th July 2020.

8.   Attended Virtual webinar on Awareness Programme on National Board of Accreditation (NBA) organised by Bharat Institute of Engineering and Technology (BIET) on 14-06-2020.

9.   Attended Virtual webinar on Writing a good research paper for good indexed journals organised by DADI institute of Engineering and Technology,Visakhapatnam on 30-05-2020.

10.   Attended Virtual webinar on A Webinar on Virtual Classroom Management using Microsoft Teams organised by LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS) on 11-05-2020.

11.   Attended Virtual webinar on React Essentials organised by Department of Information Technology,ANITS,Visakhapatnam from 25-06-2020 to 27-06-2020.

12.   Attended Virtual webinar on The Art of Writing Research Paper organised by M.A.M. College of Engineering and Technology, Trichy on 13-05-2020.

13.   Attended Virtual webinar on Scrum Methodology organised by Department of Information Technology,ANITS,Visakhapatnam on 10-07-2020.

14.   Attended one week course on Deep Learning in IIT BHU AICTE approved course.

15.   Attended One Day International Workshop on Quality Research Writing and Research Impact measures on 04-01-2016, conducted by GIT, GITAM University.

16.   Attended Three days workshop on Research design & Methodology during 14-16 March 2015, conducted by GIT, GITAM University.

17.   Attended One day Workshop on "Intellectual property rights and Patenting " on 01-10-2015, conducted by GIT, GITAM University.

18.   Attended Two day Faculty Development Program on "Information Technology: Education, Research and Industry with emphasis on Smart Cities during 02-03 November 2015, conducted by Dept of CSE, GIT,GITAM University.

19.   Attended One day Workshop on "Intellectual property rights and Patenting" on 01-10-2015, conducted by GIT, GITAM University.

20.   Participated in two day National Workshop on Advances in Web Mining and Big Data organized by the Department of Computer Science and System Engineering, Andhra University, Visakhapatnam on 18-19 December 2014.

21.   Attended Guest lecture on "Formal proofs and Computational Demonstrations: A Modern Computer Scientist Foundational Appreciation of Panini a Linguistics and Ancient Indian Mathematics" on 20th November 2014, conducted by GIT, GITAM University.

22.   Attended Seminar on "Formal Modeling and knowledge management for software testing" on 14-03-2014, conducted by Dept of CSE, GIT, GITAM University.

23.   Attended a Two Week Audit course on Intellectual Properties Rights and Patents conducted by Jawaharlal Nehru Technological University, Kakinada during 1-15 May 2013.

24.   Attended a Two Week Audit course on Research Methodologies conducted by Jawaharlal Nehru Technological University, Kakinada during 1-15 May 2013.

25.   Served as member of Conference Committee for organizing 95th Annual Conference of The Indian Economic Association held at GITAM University, Visakhapatnam during 27-29 December 2012.

26.   Participated in Faculty Development Programme on Cloud Computing and Service oriented Architecture held on June 16th 2012 at GITAM University, Visakhapatnam.

27.   Participated in Series of Technical Talks on Pattern Extraction Using Intelligent Systems conducted at AU college of Engineering, Visakhapatnam on 24th March 2012.

28.   Participated in National Conference on Data Modeling, Image Analysis and Pattern Recognition held at GITAM University, Visakhapatnam on 30th September-1st October 2011.

29.   Participated in One Day Workshop on Web Mining, organized by Gokaraju Rangaraju Institute of Engineering and Technology Bachupally, Hyderabad on 12th February 2011.

30.   Attended the National Workshop On Data Communications and Security organized by the Department of Computer Science and System Engineering, Andhra University, Visakhapatnam on 31st January 2011.

31.   Attended the second National Workshop on Data Engineering organized by the Department of Computer Science and System Engineering, Andhra University,

Visakhapatnam on 26th March 2010.

32.   Participated in an Orientation Programme on Teaching Methodology held at GITAM University, Visakhapatnam from 7-8 February, 2010.

33.   Participated in Soft Skills Workshop held at GITAM University, Visakhapatnam from 1st – 3rd February, 2010 conducted by Professional Skills Development.

Membership in Professional Bodies:

✔ Member of IAENG-162755.

✔ Associate Member of Computer Society of India-2010000679

✔ Associative Member Institution of Engineers-AM1812486)

✔ Life Member of ISTE-130900

Certified Courses:

✔ Completed Data visualization course from coursera.

✔ Completed FDP on Data Base Management Systems: NPTEL-AICTE Approved course.

✔ Completed FDP on Accreditation and Outcome based Education: NPTEL-AICTE
   Approved 8 week course during Aug-Dec 2019.

✔ Completed FDP on Effective Engineering teaching in practice:NPTEL-AICTE Approved
   4 week course during Jan-Apr 2020.

✔   Completed FDP on NBA Accreditation and Teaching - Learning in Engineering (NATE) :
    NPTEL-AICTE Approved 12 week course during Jan-Apr 2020

Research Guidance

Co-guide for a student under Andhra University.

Committee member/Reviewer/Session Chair:

❧ **Session chair for a special session** "Applications of Intelligent Systems in well being of today's Society" organized in 6th International Conference on Information System Design and Intelligent Applications (India 2019) 1st & 2nd, November, 2019. Organized by Department of Computer Science & Engineering, Lendi Institute of Engineering & Technology ,Visakhapatnam, Andhra Pradesh.

❧ **Member of Technical committee** International Conference on "Emerging Intelligent Techniques in Engineering and Education: Innovations and Applications"

(ICEITEE-2020) to be held during June 13-14, 2020 in Bangkok, Thailand. (h ttps://itsr.co.in/ICEITEE-2020%20Bangkok/)

- **Member of Advisory committee** International Conference on Emerging Techniques in Engineering and Education: Innovations and Applications (ICETEE-2020) during Feb. 22-23, 2020 in Jaipur (https://itsr.co.in/ICETEE-2020/)

- **Reviewer** for Advances in Science, Technology and Engineering Systems Journal that is a well reputed Scopus Indexed Journal , under subject codes CAI, CIS, CSE, CSI, CTM. Reviewer Code: AJR06835

- **Reviewer** for 6th International Conference on Recent Trends in Computing April 7-8th 2020 organized by Department of computer science and Engineering SRM Institute of Science and Technology, NCR campus, Ghaziabad.

Proposals Sanctioned:

A proposal submitted for the conduct of one week **AICTE-ISTE** Induction/Refresher Programmes titled INTELLIGENT LEARNING has been recommended and selected by AICTE-ISTE in March-2020.The amount of 3,00,000 is yet to be sanctioned.

Events Organised:

Organised a Virtual knowledge session on DevOps on 23rd and 24th June 2020 for a total period of 4 hours by an Eminent speaker and a teacher by service **Mr. ANIRBAN PAL** ENTERPRISE ARCHITECT TECH MAHINDRA **AMERICAS.**

Responsibilities at Department level:

ANITS

- BOS Member during 2019-2020

- BOS coordinator 2020-2021

- NBA coordinator during 2019-2021 (one among three members)

- Research coordinator during 2019-2021

- Project coordinator for final years for 2019-21

- Part of Internal CRT training during 2018-19 and 2019-20.

- Stream coordinator(Stream holds set of subjects of one category)
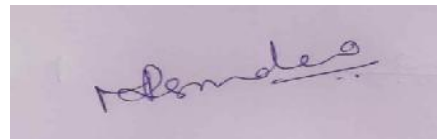
- Time Table Coordinator during 2018-2019

GITAM University

- ✔ Served as Mid coordinator during 2009-2010.

- ✔ Served as ISTE student Chapter coordinator during 2010-2011.

- ✔ Served as Hostel coordinator from August 2011 to April 2016.

- ✔ Served as Time Table coordinator from May 2016-2017.

Personal Profile:

Date of Birth	:	21 June, 1981
Marital Status	:	Married
Father's Name	:	(Late) M. Ramalingeswara Rao
Mother's Name	:	Smt M. Surya Kumari
Nationality	:	Indian – Hindu
Contact No	:	9848375001
Permanent Address	:	Flat No: 103, Raji Residency Sirigudi Nagar, Yendada Visakhapatnam – 530 045.

All the above information furnished by me is true, complete and correct.

(M. Rekha Sundari)