

Personal Information

Name	Ms.S.Rama Devi
Years of Experience	Teaching: 21 Years
Email Id	ramadevi.s@bvrithyderabad.edu.in
Areas of Specialization	Networks & Security



Educational Qualifications

PG Degree	M.Tech.	Computer Science
UG Degree	B.Tech.	Computer Science & Information Technology

Research Profile Links

Google Scholar	http://scholar.google.co.in/citations?user=1SJy0KkAAAAJ
Vidwan	https://vidwan.inflibnet.ac.in/profile/104869
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57980833200
Web of Science	https://www.webofscience.com/wos/author/record/AAZ-1522-2021
Orcid	https://orcid.org/0000-0003-1449-346X

International Journal Publications

1. **“A Machine Learning Proposition For Categorizing Alzheimer’s Disease Using Magnetic Resonance Images”** Volume 15 Issue 09, 2024, Pages 282-293 Journal of Engineering Sciences
2. **“Citizen’s Safety”** Volume 6, Issue 4, August 2021, ISSN: 2456-8805 International Journal Of Advanced Research In Innovative Discoveries In Engineering And Applications (Ijaridea)
3. **“Predictive Resource Demand Based Load Balancing Strategy for Fog Computing”** ISSN: 0011-9342 , Year 2021 Issue: 8 ,Pages: 7181–7191, Design Engineering
4. **" Snow Based Bvrith Student Leave Management"** May 2019, Volume 6, Issue 5 , ISSN-2349-5162 ,Pages 636-643 ,Journal of Emerging Technologies and Innovative Research(JETIR)
5. **“Performance Analysis of AODV under Worm Hole Attack”**, Volume-7, Issue-6, 2017, ISSN: 2277-128X , Pages.879-883, International Journal of Advanced Research in Computer Science and Software Engineering(IJARCSSE)
6. **“Performance Analysis of MANET Using OLSR Protocol”**, Volume-7, Issue-6, 2017, ISSN: 2277-128X , Pages. 884-892, International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE)
7. **“Classification of WSN Deployment Schemes”**, Volume 4, Issue 4, 2015, e-ISSN: 2278-5795 p- ISSN: 2320-9348, Pages.78-82, IJCER ,International Journal of Computer and Electronics Research

International Conference Publications

- 1."MTH-Ids – A Multi-Tiered Hybrid Intrusion Detection System For Internet Of Vehicle"**
International Conference on Big Data and Virtual Reality, and Communication Technologies
December22~23, Year 2023
- 2. "Enhanced Learning Outcomes by Interactive Video Content—H5P in Moodle LMS"**
International Conference on Inventive Systems and Control (ICISC 2022) January 6-7,2022
pg no 161-175.
- 3. "Citizens Safety** "in International Conference On Engineering and Advancement in
Technology 2021(ICEAT 2021) , ISBN:978-93-5406-579-8, Page: 59.
- 4."A Survey of Comparison on various Congestion Control Protocols for Wireless Sensor
Networks** " in International Conference on Research Advancements in Computer ScienceAnd
Communication(ICRACSC) Year: 2016 , ISBN:978-93-85100-64-2, Pages: Pages: 60-62.
- 5."A Survey of Security Attacks and Classification Mechanisms on WSN using ns 2.35"** in
proceedings of 2nd International conference on Innovations in Computer Science & Engineering
ICICSE- Aug 2014 pg no 3-6.

National Conference Publications

- 1."Heart Disease Prediction using Various Datamining Techniques"** in the The Second
National Conference on Advances in Information Technology and Computing, Year 2019
- 2."Snow Based Bvrith Student Leave Management"** in the The Second National Conference on
Advances in Information Technology and Computing, Year 2019

Book Chapter

- 1. "Cyber Attacks, Security Data Detection, And Critical Loads In The Power Systems"**
Smart Energy and Electric Power Systems: Current Trends and New Intelligent
Perspectives, Year 2022, Pages 169-184

Patent

- 1. "Virtual Reality Head Mounted Display Device with inbuilt Hand Tracking Technology "**
Patent No 202141011513 Filed Date 13/11/2021 Applicants . Dr. P. Kayal,. Dr. T. Subetha. ,
Dr. Aruna Rao S L, Dr. Morampudi Mahesh Kumar, Ms. S. Rama Devi, Ms. Rashmita Khilar,
Dr. K.V.N. Sunitha

FDP's Attended

1. One Week National Level PDP on “**Generative AI Essentials: A Deep Dive into Theory and Practice**” from 22nd to 27th July 2024 organized by the department of CSE - AIML & IoT.
2. Faculty Development Program on “**Large Language Models in Artificial Intelligence**” from 04 Oct 2023 to 07 Oct 2023 jointly conducted by Andhra Pradesh Information Technology Academy, a Unit of Department of IT & ES, Government of Andhra Pradesh and Blackbuck Engineers Pvt Ltd.
3. Five Day Faculty Development Program on "**Power of Visualization in Analytics**" organized by the Departments Of IT,CSE,CSE(AI&ML), BVRIT HYDERABAD College of Engineering for Women, during 16 Aug - 21 Aug, 2023.
4. One Week Faculty Development Program on “**Data Visualisation on Tableau**” from 24 July to 28 July 2023 organised by MLRIT
- 5.FDP on “**Research Methodology on Machine Learning and Data Science**”, organized by BVRIT Narsapur from 10-7-2023 to 14-07-2023
6. Faculty Development Program on "NLP" organized by VNR Vignana Jyothi Institute of Engineering and Technology from 13-02-2023 to 17-02-2023
- 7.FDP on "**Impact of Artificial Intelligence in the field of Agriculture**" organized by Malla Reddy Engineering College from 17-10-2022 to 25-10-2022
8. One Week Faculty Development Programme on "**Foundations of Data Science**” organised by VNR Vignan Jyothi Institute of Engineering and Technology 02-08-2022 to 07-08-2022
9. One Week workshop on “**Getting Started with Deep Learning**” conducted by NVIDIA Deep Learning Institute 23-07-2022
10. Completed successfully One Week Online FDP “**Emerging Trends in Artificial Intelligence**” organized by Bhimavaram Institute of Engineering & Technology and Black buck Engineers Pvt Ltd from 25-31 May, 2022.
11. Completed successfully 5 Days Global E-FDP on “**Unleashing Research Potential: Global Trends and Practices**” Organised by Office of International Relations, Galgotias University, Greater Noida, Uttar Pradesh held from March 7- 11, 2022.
12. Completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Machine Learning Applications in NLP and Computer Vision**" from 04.10.2021 to 08.10.2021 at Department of Computer Science, Punjabi University Patiala.
13. Completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on

"**The Impact of Quantum Computing on Cryptography and Blockchain Technology**" from 13.09.2021 to 17.09.2021 at GITAM School of Science.

14. One Week Faculty Development Program on "**Machine Learning Fundamentals**" organized by BVRIT HYDERABAD College of Engineering for Women in association with Institutions Innovation Council, Tech Blitz and Departments of CSE (AI&ML), CSE & IT from 30.8.2021 to 04.9.2021

15. Completed online programme on "**Research Training**" from 30.11.2020 to 31.12.2020 (weekdays only) organized by MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC) Government of India

16. Participated in AICTE Sponsored One Week Online Short Term Training Program (STTP) under AQIS on "**Recent Trends In Internet Of Things**" from 14th Dec to 19th Dec 2020 at Anurag Engineering College Kodad.

17. Participated in the one Week **Google Developer Training** - Android App Development with Kotlin from 31st August to 5th September.

18. Ten Day (35-Hours) FDP on "**Block chain Technology & Its Applications**" from 25th August to 13th September organized by EduxLabs.

19. One Week National Level Online FDP on "**Computer Networks Simulation using NS2**" conducted by Dept. of CSE, Mahatma Gandhi Institute of Technology, Hyderabad in association with TASK from 10th to 14th August 2020.

20. Three day online FDP on "**Block chain Technology**" organized by Kallam Haranadhareddy Institute of Technology from 26th May to 28th May 2020

21. Five day National Level online FDP on "**Artificial Intelligence**" organized by BVRIT HYDERABAD College of Engineering from Women in association with NYCI & Brainovision solutions India Pvt Limited from 22nd May to 26th May 2020

22. One Day Online Workshop on "**Data Science And Visualization Using Python**" 24th May, 2020 from CSI Gwalior Chapter & The Institution of Engineers (India)

23. Five day online FDP on "**Artificial Intelligence and Machine Learning**" organized by CMRTC from 18th May to 22nd May 2020

24. One day online FDP on "**Cyber Security**" organized by Chalapathi Institute of Engineering and Technology & IndianServers on 12th May 2020

25. One day online FDP on "**Research Methodology - Methods & Best Practices**" organized by Santhiram Engineering College, Nandyal on 7th May 2020

26. One week FDP on "**Big Data Analytics and Machine Learning Application with PySpark**" at GRIET from 2nd to 6th December 2019.

27. Two day Faculty Development Program on "**Cyber Security**" conducted by Indian cyber congress (INCYCON) at BVRIT N, Narsapur from 26th April to 27th April 2019.

28. Three day Faculty Development Program on "**Professional Etiquette & Emotional Intelligence**" at BVRIT HYDERABAD College of Engineering for Women from 8th July to 10th July 2019.
29. One day workshop on "**Unconscious Bias in the Workplace**" organized by Vedic on 8th August 2019 at BVRIT HYDERABAD College of Engineering for Women.
30. One week **Service Now Application Development** FDP at Service Now India Development from 16th March 2018.
31. Three day workshop on "**Inspire – Impact- Introspect** " Level 2 at VEDIC, SVES from 30th Jan to 1st Feb 2018.
32. One day workshop on "**Interactive Video Material Creation**" at VEDIC on 21st October 2017
33. Two day workshop on "**E-Lab in C-Programming**" at VEDIC, SVES from 6th to 7th September 2017
34. Three day workshop on "**Inspire – Impact- Introspect** "Level 1 at VEDIC, SVES from 17th to 19th August 2017.
35. One day "**C Programming Colloquium**" at VEDIC on 10th June 2017.
36. Two day workshop on "**Mind Map for effective learning / teaching**" at VEDIC from 6th to 7th June 2017.
37. One week FDP on "**Data Science & Big Data Analytics**" at BVRITH from 6th to 12th March 2017
38. Three Day workshop on "**Train the Trainer**" at VEDIC, SVES from 27th to 29th February 2017
39. Participated in **SciPy India Conference** 2016 organized by FOSSEE, Indian Institute of Technology Bombay on 10, 11 December 2016
40. Two week FDP on GIAN Course on "**Wireless Sensor Networks and Underlying Characteristics** " at JNTUH from 14th to 28th December 2016.

FDP's Conducted

1. One Week National Level Faculty Development Program on "**Cloud Infrastructure (AWS) under CSI Student Branch** from 21-25 th August, 2023
2. One week FDP on "**Ruby**" from 29th June to 5th July 2017.
3. One week FDP on "**Open Source Software**" from 4th to 10th November 2016.

Webinars Attended

1. Webinar on **Elevate Your Research with Elsevier: Combining Publishing Strategies with comprehensive use of Research Planning and Research Execution Methodologies** on 13th November 2024

2.Participated in webinars on Emerging Technologies and Careers, to mark "**Girls in ICTDay**" conducted by Ananya And Oracle Volunteering from 21st April to 23rd April 2020

3.Webinar on "**App Development**" on 02-05-2020 organized by Department of Computer Science andEngineering, Karpagam College of Engineering in association with Computer Society of India.

Refresher Course

Online Refresher Course on "**Machine Learning and Data Science**" held from 11/09/2023 to 25/09/2023 and successfully completed with A+ Grade

Professional Memberships

Member of CSI with No: F8000092

Certifications

1. Completed online course on "**Distributed Database Systems**" through Mind Luster on 14th August 2024
2. Completed online course on "**Keras Deep Learning Projects**" through Infosys Springboard on 7th August 2024
3. Completed online course on "**Introduction to Deep Learning**" through Infosys Springboard on 30th July 2024
4. Completed online course on "**Artificial Intelligence with Machine Learning**" through **OracleAcademy**" on 22nd October 2021
5. Completed 6 weeks online training on "**Machine Learning**" under Internshala Trainings FacultyDevelopment Program and certified on 2021-03-27 scored 70% in the final assessment
6. Completed online course on "**Introduction to Tensor Flow**" authorized through Google Cloud offered through Coursera on 17th August 2020
- 7.Completed online course on "**Getting and Cleaning Data**" authorized by Johns Hopkins University offered through Coursera on 22nd July 2020
- 8.Completed online course on "**Launching into Machine Learning**" authorized through GoogleCloud Offered through Coursera on 13th May 2020
9. Completed online course on "**R Programming**" offered through Coursera on 5th May 2020
- 10.Completed online course on "**How Google does ML**" authorized through Google Cloud offered through Coursera on 27th April 2020

11. Completed online course on "**The Data Scientist's Toolbox**" offered through Coursera on 12th April 2020
12. Completed Udemy online course on "**The Complete Android & Java Developer Course-Build 21Apps**" on 27th March 2020
13. Completed Harappa online course on "**Embracing Change**" on 18th April 2020
14. Top Performing Mentor for the NPTEL online certification course on "**Joy of Computing using Python**" for 28 students of 2016 Batch Jan-April 2019 .
15. Completed NPTEL online certification on "**Cloud Computing**"
16. Completed NPTEL online certification on "**Problem Solving through Programming in C**".
17. Completed NPTEL online certification on "**Introduction to Modern Application Development**".
18. Completed NPTEL online certification on "**Programming Data Structures and Algorithms using Python**"
19. Completed training & Certification on "**Latex**" from Spoken Tutorial from IIT Bombay
20. Completed training & Certification on "**Java Fundamentals & Java Programming**" Oracle Academy in collaboration with TASK.

Any Other Achievements

1. Certificate Of Appreciation As A Recognition For her Contributions To Creating Interactive Video Content And Sharing Her Approaches at "**The Vishnu Online Interactive Colloquium (Voice)**" On June 23, 2020
2. Completed with Distinction IUCEE Online "**Online Teaching**" Course from July to September 2020
3. Successfully completed certification requirements on June 6th ,2018 as ServiceNow "**Certified Application Developer**"