

Dr.W.Rose Varuna

MCA., Ph.D.



Experience

01.04.2011- Till date

Assistant Professor • Information Technology Department • Bharathiar University, Coimbatore, India.

05.07.2010-31.03.2011

Assistant Professor • Dr.G.R.D College of Science • Coimbatore, India.

22.06.2009-13.04.2010

Lecturer • Kodaikanal Christian College • Kodaikanal, India.

Education

- Ph.D. in Computer Science
Specialization: Advance Networking, Cyber Security, Blockchain

Conferences and Seminars Details

Conferences Presentations

- A Comprehensive Analysis over Controller Placement and Network Expansion in SD-WAN
- A Systematic Review on Recent Trends and Potential Security Solutions in SD-WAN
- Analogy of PC approach and DSP/EPGA approach for Stereo Image Processing
- Innovations in Computing Methodologies
- Science Fiction
- Communication Technology Interventions for Rural and Social Development
- Convergence of Technologies for Education and Research
- International Conference on Intelligent Computing and Signal Processing

Seminars

- Industries Based PLC and SCADA
- Research Opportunities in Mobile Ad-hoc Network
- Emerging Research Challenges in Computer Science
- An Effective way of Writing Research Articles for Journals
- Wireless Communication and Mobile Computing
- Future of Mobile Technologies and Artificial Intelligence
- Recent trends in Information Technology

Contact

Assistant Professor,
Department of Information
Technology,
Bharathiar University,
Coimbatore-46, India.

91 9994950331

hvaruna@gmail.com,
rosevaruna@buc.edu.in

b-u.ac.in

Publications

Book Chapter

- Various Security Strategies and Controller Placement Problem of Software Defined Network (SDN): A Study”, Chapter 16, Intelligent Computing and Signal Processing, ISBN: 978-8487-691-8
- A Comprehensive Analysis over Controller Placement and Network Expansion in SD-WAN, Volume 197, Computer Communication, Networking and IoT, Online ISBN: 978-981-16-0980-0
- Recent Trends in Potential Security Solutions for SD-WAN: A Systematic Review, Volume 248, Intelligent Computing and Innovation on Data Science, eBook ISBN978-981-16-3153-5

Publications

- An Efficient Framework for Fake Profile Identification Using Metaheuristic and Deep Learning Techniques. (SCOPUS)
 - An intelligent forecasting system for unauthorized URL identification using Deep learning. (SCOPUS)
 - An Intelligent Fake Profile Classification System Using Deep Learning Techniques. (SCOPUS)
 - Design of Multi-agent Multi Aggregator (M-MA) for the Distributed Wide Area Network”, Indian Journal of Computer Science and Engineering (IJCSE) (SCOPUS)
 - Handling Controller Placement Problem Using Game Theory in Software Defined Wide Area Network”, International Journal of Advanced Research in Engineering and Technology (IJARET) (SCOPUS)
 - An Overview of Software Defined Wide Area Network (SDWAN) and it’s Security Enhancements For Enterprise Networks”, International Journal of Computer Networks and Wireless Communications (IJCNWC) (UGC)
 - The Contribution of Information and Communication Technologies in Education Development – The Applications of ICTs, Bonfring International Journal of Software Engineering and Soft Computing.
 - Advanced Security Improvements using Fallback Authentication for Social Networking, International Journal for Research in Applied Science & Engineering Technology (IJRASET) (UGC).
 - Efficient Approach for Disease Prediction and Treatment, International Journal of Science and Engineering Research (IJOSER) (UGC).
 - Machine Learning Models with Types of Algorithms, Journal of Emerging Technologies and Innovative Research (JETIR) (UGC).
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Activities, Membership and Project

Co-Curricular Activities

- IQAC Core committee member
- Core committee Member in Perception Committee, NIRF, Bharath University.
- IQAC and NAAC Coordinator, Department of Information Technology
- NIRF Coordinator, Department of Information Technology
- SWAYAM Mentor, Department of Information Technology.

Membership

- International Association of Engineers, Life time member
- Computer Society of India, Life time member

Project

- Industry 4.0 Compliance using IoT, Funding Agency: RUSA 2.0