

Faculty Profile of Dr. W. Rose Varuna



Dr. W. Rose Varuna
Assistant Professor
Department of Information Technology

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Research Area

- Blockchain Technology
- Advanced Networking
- Software Defined Networking

Education & Career

Education

Ph.D

DESIGN AND DEVELOPMENT OF AN EFFICIENT CONTROLLER PLACEMENT STRATEGY FOR SOFTWARE DEFINED WIDE AREA NETWORKS

UGC-NET

Subject : Computer Science

Year of Award : 2009

M.C.A.,

Subject: Computer Applications

Institution : V.L.B.Janakiammal College of Arts and Science

Affiliated University : Bharathiar University

Year of Award : 2008

B. Sc.,

Subject: Mathematics

Institution: N.G.M.College of Arts and Science, Pollachi

Affiliated University: Bharathiar University

Year of Award: 2005

Career

At Bharathiar University (Reverse Order)

Assistant Professor : April 2011 to Till Date

Past Experience

Assistant Professor: July 2010 to March 2011 at Dr.G.R.D. College of Science, Coimbatore

Lecturer: June 2009 to April 2010 at Kodaikanal Christian College

Awards

Membership

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

Visits

Collaborators

Others

Projects

Funded Projects (National Level)

- [Ongoing](#)
- [Completed](#)

Ongoing Projects List with necessary Information

Completed Projects List with necessary Information

Industry 4.0 Compliance using IoT, Funding Agency: RUSA 2.0

Consultancy Projects

- [Ongoing](#)
- [Completed](#)

Ongoing Consultancy Project Informations

Completed Consultancy Project Informations

Research Guidance

- [Post Doc.](#)
- [Ph.D.](#)
- [M.Phil.](#)
- [M.Sc.](#)

Ongoing

Title

Name

Completed

Title

Name

Ongoing

Sample Data.

Completed

Sample Data.

Ongoing

Sample Data.

Completed

Sample Data.

Ongoing

Sample Data.

Completed

Nautical telematics system

E-health and beauty care

FEC encoding and Decoding in Wimax system

Probabilistic Packet marking for large scale IP trace back

Ensuring data dynamics for storage security in cloud using homomorphic token

Computer showroom supply chain and M-commerce system

Quiver consistent object sharing in Edge services

On wireless scheduling algorithms for minimizing the Queue-overflow probability

Hands free wireless head tilt mouse for physically disabled persons(Head mouse)

Multi-block FEC for preprogramming wireless network

Online Library accessing system for Bharathiar University

Travel Agency management system

Baby products and Intelligent ordering Application

Web based parcel and Vehicle tracking system

Online Trading System

Employee Attendance and Leave processing system

Textile Production and Analysis tool

Steel Fabrication Inventory maintenance software

Online Medical furniture exporter

Advocate Dairy

HP hardware manufacturing maintenance system

Bus ticket reservation tracking system

Drive rental cars

SOS alert for Rescue

My privacy on online social networks

Advanced security improvements using fallback authentication method for social networking

Web based machine learning approach for identifying disease treatment

Iris recognition system with improved accuracy under genetic algorithm

Smart alert application for college

E-customer service

Validating system for students expertise

Enhanced web architecture for mail privacy and preservation using cloud computing

Knowledge provincial verification

Efficient and enhanced data encryption in cloud computing

Technology: The learning management system application

Credit card Fraud detection

Adhar card E-voting secured management system

Research Publication

- [International](#)
- [National](#)
- [Patents](#)
- [Conferences](#)
- [Books / Chapters](#)
- [Database](#)

Reverse Chronological Order

National Publications - Reverse Chronological Order

Patent Info

Conference Info

Books & Chapters Related Info

Database Related Info

Alumini Reflections: