



Dr. Anitha R

Assistant Professor

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SKILLS

❖ Teaching	❖ Strong Work Ethic	❖ Guidance
❖ Leadership	❖ Mentoring	❖ Administration
❖ Adaptability	❖ Time Management	❖ Problem Solving

QUALIFICATION

DOCTOR OF PHILOSOPHY

Title: Secured Data Communication System for Effective Communications in WSN Using Routing Algorithms and Block chain Technology, Anna University [Part Time], Chennai. 600 025

MASTER OF TECHNOLOGY

CGPA: 8.338 (First Class with Distinction)

Discipline: Computer Science.

SRM University, Chennai, 2013

MASTER OF PHILOSOPHY IN COMPUTER SCIENCE

Percentage: 62.25% (First class)

Discipline: Computer Science.

Vinayaka Missions University, Selam, 2009

MASTER OF COMPUTER APPLICATIONS

Percentage: 75.48% (First lass)

Discipline: Computer Applications

University of Madras, Jaya College of Arts & Science, 2003

EXPERIENCE

Total Years of Experience in S. A. Engineering Colleges alone: 16 Years and 10 Months till date	
As Assistant Professor	As Lecturer
11.6 years	4 years 11 Months
Industrial Experience: Name of the Organsation: TEAMLEASE Pvt. Ltd., Designation: ASSOCIATE Nature of Work: ANALYSIS Experience: 1.4 Years	

RESEARCH PUBLICATIONS

INDEXED IN SCI/SCIE

- ❖ **Title of the research article:** A data locality based scheduler to enhance MapReduce performance in heterogeneous environments, **Journal Name:** Future Generation Computer Systems – ELSEVIER – **Impact Factor** – 6.125, **Year of Publication:** 2019

INDEXED IN SCOPUS

- ❖ Blockchain-based Light-weight Authentication Approach for a Multiple Wireless Sensor Network– *IETE Journal of Research*– **Year of Publication:** 2022.
- ❖ A Deep-DrpXML and IAG-GWO based CHST fostered blockchain technology for secured dynamic optimal routing for wireless sensor networks– *Journal of Intelligent and Fuzzy Systems*– **Year of Publication:** 2022
- ❖ **Title of the research article:** FEBSRA: Fuzzy Trust Based Energy Aware Balanced Secure Routing Algorithm for Secured Communications in WSNs, **Journal Name:** Wireless Personal Communications, **Year of Publication:** 2022
- ❖ **Title of the research article:** GAMAN – GENETIC ALGORITHM IN MOBILE ADHOC NETWORKS FOR CREATING SYSTEMATIC QoS, **Journal Name:** ECS Transactions, **Year of Publication:** 2022.
- ❖ **Title of the research article:** Secure data storage using erasure-coding in green cloud environment, **Journal Name:** Journal of Green Engineering, **Year of Publication:** 2020.
- ❖ **Title of the research article:** Trusted and optimized routing in mobile ad-hoc networks emphasizing quality of service, **Journal Name:** Applied Mathematics and Information Sciences, **Year of Publication:** 2018.
- ❖ **Title of the research article:** Proficient and secured routing in MANET based on trust and energy supported AODV, **Journal Name:** Applied Mathematics and Information Sciences, **Year of Publication:** 2017.

KEY SKILLS

- ❖ Considerable record of successful supervision of final year student's PG project work.
- ❖ Ability to generate significant research income through consultancy and funded projects.
- ❖ Ability to use ICT tools (Microsoft Teams, Google suite) for delivering effective and interactive teaching.
- ❖ Good level of interpersonal and communication skills and promote a collegial, productive

culture and to lead and motivate student to deliver the required outcomes.

- ❖ Ability to make a substantial contribution to administration, management and planning at the disciplinary level or higher and effectively liaise with stakeholders
- ❖ Willingness to implement Institution / University policies.

ADMINISTRATIVE CAPABILITIES

- ❖ Possess skills to coordinate with all the team members at the institution level to derive the requisite output.
- ❖ Possess enormous integrity and trust worthiness with absolute commitment.
- ❖ Take up any kind of challenging responsibilities with absolute self-confidence.
- ❖ Built-up an excellent positive attitude.
- ❖ Maintain a disciplined atmosphere at the institute and at the same time maintain an excellent rapport and cordial relationship with students
- ❖ Strategic thinking and good decision making.
- ❖ Well aware of NAAC procedure and coordinated at departmental and Institutional level.
- ❖ Received appreciation from management for 100% Results in P.G Courses.

PROFESSIONAL BODY MEMBERSHIP

- ❖ Life-time member of: Indian society for Technical Education [ISTE]

TRAINING PROGRAMMES ATTENDED

- ❖ Attended “ Three-Day International Workshop on Statistical Data Analysis using Python ” organized by A2Z EduLearningHub on 8th, 9th & 10th April 2022.
- ❖ Attended the Online 6 Days Short-Term Training Programme-STTP sponsored by AICTE & Organized by MIT Campus, Anna University, Chennai on 3.1.2022 to 8.1.2022
- ❖ Attended International virtual Workshop on "Structural Mathematics using Graph Theory" organised by the Department of Mathematics, SRMIST, Ramapuram, Chennai – 600089 During 13th to 15th of December 2021.
- ❖ Attended Faculty Development Programme on “Deep Drive into Big Data Analytics” held at Karpagam College of Engineering, Coimbatore 27.10.2021 to 31.10.2021.