

Name: Dr. R. Sangeetha

Designation: Assistant Professor

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- **Research Area**: Cryptography, Quantum Computing

- **Educational Qualifications**:

Qualification	Department	Year (From -To)	Percentage	Class
B.Tech.	Information Technology	2000 - 2004	80.1	First class with Distinction
M.E.	Computer Science and Engineering	2010 - 2013	9.01 (CGPA)	First class with Distinction
Ph.D.	Computer Science and Engineering	2013 – 2022	-	-

- **Experience: 14 years 5 months**

Name of Company / Institutions	Designation of Post	From	To	Experience in Year
		DD-MM-YYYY	DD-MM-YYYY	
Amrita School of Engineering	Lecturer	01-07-2004	01.04.2009	4 years 9 months
Jansons Institute of Technology	Lecturer	01-07-2009	16-03-2012	2 years 9 months
Jansons Institute of Technology	Assistant Professor	17-03-2012	04-12-2017	5 years 10 months
Sona College of Technology	Assistant Professor	17-03-2025	28-11-2025	9 months
University College of Engineering, Anna University, Ariyalur	Assistant Professor	01-12-2025	Till date	6 months

- **Additional / Academic Responsibilities at University:**
  - **Naan Mudalvan course mentor**
  - **Class Incharge**

- **Professional Activities: Nil**

- **Completed B.E/M.E Projects:**

    - **Intelligent fraud detection and flaggingsystem for Bank transactions using Machine Learning.**
    - **Improving Zero – Trust foundation models a secure and collaborative Blockchain for Internet of Things.**
    - **Block chain – based Smart Drug supply and Recommendation system with QR verification.**

- **Sponsored Research Activities: Nil**

- **List of Seminar / Short Term Course /FDP/ Workshop attended: (Within India)**

1. Attended Naan Mudalvan FDP course on "Foundation Skills for Employability" at Annamalai University, Chidambaram from 29.12.2025 to 04-01-2026.
2. Participated in the FDP on Teaching Methods held during 04.12.2025 to 05.12.2025 at Indian Institute of Technology, Madras.
3. Attended a hands on workshop on "Tools and Techniques for Enhanced Teaching, Research and Administration at Sona College of Technology from 05.11.2025 to 07.11.2025.
4. Completed a Bootcamp on "Introduction to Blockchain Technology and its Use Cases" from 18/08/2025 to 22/08/2025 as part of FutureSkills PRIME Project conducted by C-DAC Hyderabad.
5. Attended Faculty Enablement Programme on Machine Learning & NLP by Infosys from 16-06-2025 to 20-06-2025.
6. Acted as a Session Chair in the International Conference on Computational Intelligence, Security and Systems – ICCISS'2025 conducted at Sona college of technology from 03.04.2025 to 04.04.2025
7. Acted as an Evaluator in the APPATHON'25 conducted at Sona college of technology on 17.04.2025.
8. Attended a workshop on "Industrial based workshop on Internet of Things" at Coimbatore Institute of Technology, Coimbatore on 03.03.2019.
9. Attended a workshop on "Introduction to CUDA C/C++" organized by Massively Parallel Programming Laboratory, Department of Computer Applications, National Institute of Technology, Tiruchirappalli on 21-03-2014.
10. Attended a two-day workshop on" Network Simulation and Protocol Development using NS-2" on February 2013 at VIT University.
11. Presented a paper titled "Secure Energy-Aware Multipath Routing Protocol with Transmission Range Adjustment for Wireless Sensor Networks" in the IEEE International conference on Computational Intelligence and Computing Research 2012 December.

12. Participated in the “Android for Robotics” workshop at PSG College of Technology on June 2012.
13. Presented a paper titled "Activity Prioritization and Meta Strategies in Mobile Environment" in RACS 2012, National Conference at JCT college of engineering and technology, Coimbatore.
14. Undergone the course titled “Object oriented Analysis and Design using UML with Essentials of Rational Software Architect” conducted by IBM on January 2012.
15. Participated in the Faculty Enrichment Programme conducted by HOPE FACTORY.
16. Attended the workshop on “Hands on Training Programme on .NET Framework” at Kongu Engineering College from 17-03-2011 to 19-03-2011.
17. Participated in the two days national workshop on “Future Trends in High Performance Computing” conducted at “PSG college of Technology”, during July 24th& 25th, 2010.
18. Participated in the “Free &Open Source Software” workshop on December 2009 at Anna University Coimbatore.
19. Attended a Faculty Enablement Program (Campus Connect) at Infosys, Mysore on January 2007 for 15 days.
20. Attended a workshop on “Web services and XML” at Bannari Amman Institute of Technology, Sathyamangalam, Erode (Dt) on July 2006.
21. Attended a workshop on “MATLAB Introduction” at Amrita School of Engineering, Coimbatore on March 2005.
22. Presented a paper on the topic “Global Positioning System” in intra college level technical symposium on March 2003.
23. Microsoft Certified Professional certification on Microsoft Windows 2000 Professional since 2003.
24. Underwent inplant training in Superfine Embroideries Ltd, Tirupur from 14.01.2002 to 17.01.2002
25. Presented a paper on the topic “Data Warehousing and Mining” in national level technical symposium at “Bannari Amman Institute of Technology” Sathyamangalam, Erode (Dt) on August 2002.

- **International Conferences Participated:**

1. Sangeetha, R., & Ramasubramanian, N. (2015, March). “A survey of hardware signature implementations in multi-core systems”. In 2015 3rd International Conference on Signal Processing, Communication and Networking (ICSCN) (pp. 1-5). IEEE.
2. Paper titled “Secure Energy-Aware Multipath Routing Protocol with Transmission Range Adjustment for Wireless Sensor Networks” in 2012 IEEE International Conference on Computational Intelligence and Computing Research, Page numbers: 407 – 410.
3. Paper titled “A survey of Hardware - Software Security Architectures to Cloud Server” in 2014 IEEE International Conference on Communication Networks (ICCN-2014 July 25th to 27th, 2014, Bangalore, INDIA.

- **Publications :**

a. International Journals:

1. Sangeetha Rajaram, Tanmoy Maitra, Satyanarayana Vollala, N. Ramasubramanian, Ruhul Amin, "eUASBP: enhanced user authentication scheme based on bilinear pairing", Journal of Ambient Intelligence and Humanized Computing, pp 1–14, 2019 (SCI).
2. Sangeetha Rajaram, Satyanarayana Vollala, N. Ramasubramanian, J. Kokila, "Enhanced and Secured Random Number Generation for eUASBP", International Journal of System Assurance Engineering and Management – Springer, 2021 (SCOPUS).
3. Sangeetha Rajaram, Satyanarayana Vollala, N. Ramasubramanian, "ERMAP : ECC based Robust Mutual Authentication Protocol for Smart Grid Communication with AVISPA Simulations", International Journal of Ad Hoc and Ubiquitous Computing - Inderscience, October 2022 (SCIE).

- **Conferences**

- Sangeetha, R., & Ramasubramanian, N. (2015, March). "A survey of hardware signature implementations in multi-core systems". In 2015 3rd International Conference on Signal Processing, Communication and Networking (ICSCN) (pp. 1-5). IEEE.
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