SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
RAMAPURAM
COLLEGE FACULTY OF SCIENCE AND HUMANITIES

Basic Details:

- **Name: SINDHUJA K**
- **Designation**: Assistant Professor
- **Phone Number:** 8220491712
- **Email Id:** sindhujk@srmist.edu.in
- **Area of Specialization:** Cloud Computing
- **Affiliation:** SRM University

Educational Details:

- **Degree –** (Ph. D) Pursuing
- **Area or Subject –** Computer Applications
- **University -**Hindustan Institute of Technology & Science
- **Year –** From August 2022
- **Degree** – M. Phil
- **Area or Subject** – Computer Science
- **University** – Bharathidasan University, Trichy
- **Awarded Year** – 2013
- **Degree** – B. Sc
- **Area or Subject** – Computer Science
- **University** – Bharathidasan University, Trichy
- **Awarded Year** – 2007
- **Degree** – MCA
- **Area or Subject** – Computer Application

- **University** – Anna University, Trichy
- **Awarded Year** – 2010

Other Details:

Research Interests: Cloud Computing, Fog computing, Data security

Selected Publications:

- Published WOS paper titled as "Cyber bullying scrutiny for women security in social media" ISSN:0937-583x Volume 89, Issue 12(Dec-2024)
- Published WOS paper titled as "A Blockchain-Based academic data protection framework using smart contracts and Zero-Knowledge proofs for secure credential verification" ISSN:0130-7673, Volume 10, Issue 6,2025.
- Published paper titled as "Deep learning - Based OSIS-NET Framework for Accurate detection and classification of Osteoporosis using MRI imaging and advanced machine learning techniques" e-ISSN:2468-4376, 2025,10(27s).

Academic Experience: 3.5 Years

Achievements and Awards:

- University 10th Rank in Under Graduation
- University 11th Rank in Post Graduation

Workshops /Seminars/Conferences:

- Attended a Six days FDP on "Emerging trends in Contemporary Technologies" in Sree Saraswathi Thiyagaraja College, Pollachi (11.07.2-22 – 16.07.2022)
- Attended a week FDP on "Amazon Web Service" organized by M.E.T College, Nagercoil (22.08.2022 – 27.08.2022)
- Attended a Three Day FDP on "Research Pedagogy and Contemporary Research" in St.Martin Engineering College, Secunderabad (21.06.2023 – 23.06.2023)
- Attended a Two Weeks National level virtual workshop on "Advanced Research Methodology" organized by SRM Institute of Science and Technology, Ramapuram, Chennai (03.07.2023 – 18.07.2023)
- Attended a week FDP on "Research Ethics,Integrity and Publications" ,Organized by St.Joseph College (Arts & Science) 17-02-2025 to 21-02-2025.
- Attended a week FDP on" AI powered learning: Shaping the future of education" Organized by Vivekananda Arts and Science College, Sankagiri (20-01-2025 to 25-01-2025).

- Attended a week FDP on"Future of AI and Automation in Research", Organized by Sairam Engineering College (26-05-2025 to 30-05-2025).

- Attended a week FDP on"Recent advancements in AI & ML" Organized by St.Joseph College of Engineering (30-06-2025 to 04-07-2025).

- Attended IEEE Conference on Computing, Communication AND Networking Technologies (ICCNT) " Adaptive trust-based edge reliability monitoring system(ATERMS) for secure and scalable edge-cloud integration" ,July 6th -11th,IIT-Indore,Madhya Pradesh, India.