FACULTY PROFILE

Basic Details:

- **Name: Mrs.S.Samundeeswari**
- **Designation**: Assistant Professor
- **Phone Number:9025612429**
- **Email ID: samundes1@srmist.edu.in**
- **Area of specialization: Cloud Computing**
- **Affiliation: JETIR (An International Peer Reviewed Journal)**

Basic Details:

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Educational Details:

- **Degree** – M.Sc
- **Area or Subject** – Networking
- **University** – Bharathiyar University
- **Awarded Year – 2007**
- **Degree** – M.Phil
- **Area or Subject** – Networking
- **University** – Bharathiyar University
- **Awarded Year – 2013**
- **Degree** – (P.hd)
- **Area or Subject** – Networking

- **University** – Bharathiyar University
- **Awarded Year –**

Experience:

Academic Experience: 14 years

Research Experience: 01 years

Industry Experience: 2 years

Other Details:

Research Interests: Networking

Selected Publications:

- I have selected publications a paper titled as **" Harnessing Green Technologies for Energy Efficiency"** Published 2025-03-25 Issue Vol. 3 No. 02 (2025): IRJAEM Vol.03 Issue 02- [February 2025]
- I have selected publications a paper titled as **" Green Energy Solutions Advancing Sustainability through Artificial Intelligence"** Published 2025-03-25 Issue Vol. 3 No. 02 (2025): IRJAEM Vol.03 Issue 02- [February 2025]
- I have selected publications a paper titled as **"Dynamic Power Optimization in Multi-Tenant Cloud Systems and Edge Computing"** Indian Journal of Natural Sciences www.tnsroindia.org.in ©IJONS Vol.15 / Issue 87 / Dec / 2024 International Bimonthly (Print) – Open Access ISSN: 0976 – 0997

Papers Presented:

- I have Presented a paper titled as **" Harnessing Green Technologies for Energy Efficiency"** at the 4th International Conference o Modern Computing Trends and Tecnology(ICMCTT-IV)2024 Jointly organised by Department of Computer Application,Krisithu Jyoti college of Management and Technology,Kerala on 28.11.2024 and 29.11.2024.
- I have Presented a paper titled as **" Green Energy Solutions Advancing Sustainability through Artificial Intelligence"** at the 4th International Conference o Modern Computing Trends and Technology (ICMCTT-IV)2024 organized by Department of Computer Application,Krisithu Jyoti college of Management and Technology, Kerala on 28.11.2024 and 29.11.2024.
- I have presented a paper titled as **"Dynamic Power Optimization in Multi-Tenant Cloud Systems and Edge Computing"** at the National Conference on Next Gen Information Science,Communication and Technology (NGISCT '24) organized by SRM Institute of Science and Technology, Ramapuram, Chennai on 4th October 2024.
- I have presented a paper titled as "**AIPowered Vehicular Activity Optimization Network",** at the International Conference on Generative AI in

Analytical ERA –ICBAC'24. organized by KPR College of Arts Science and Research , Coimbatore on 23rd August 2024.

- I have presented a paper titled as "Cloud Computing", at the 1st International Conference on Recent Trends in Computing and Analytic – ICRTCA 2023 organized by St.Joseph College of Arts Science and Science for women, Salem on 12th October 2023.

Workshops/Seminars/FDP's attended:

Faculty Development Program (FDP):

- I have participated 10 Days FDP on "NEP for Up-Skilling Teaching Perspectives in Higher Education organized by PG &Research Department of Computer science and Applications From 30.10.2023 to 08.11.2023.
- I have participated Six days FDP on "Enhancing Healthcare via Telemedicine :Leveraging Artificial intelligence and IOT for Biosignal Processing at Vivekanandha College of Arts and Science for Women From 25.11.2024 to 30.11.2024.
- I have participated Five days FDP on "Dimension of OBE and NEP IQAC" at K.S.Rangasamy college of Arts and Science (A),Tiruchengode From 18.11.2024 to 22.11.2024.
- I have participated Five days FDP on "Women's Healthy Wealthy and Secured Life WEC" at K.S.Rangasamy college of Arts and Science (A),Tiruchengode From 11.11.2024 to 15.11.2024.

Workshop:

- I have participated in five days National level Workshop on "IIITT –SERB - Transfer Learning for Deployable AI Techniques and Applications"at Indian Institute of Information Technology ,Tiruchirapalli on 11-12-2023 & 15-12-2023.

<u>Achievements and Awards</u>

NIL