

FACULTY PROFILE TEMPLATE FOR WEBSITE

Basic Details:

- **Name:** Dr. E. Srmathi
- **Designation:** Assistant Professor
- **Phone Number:-** 8838526073
- **Email Id:** srimathikarthick1@gmail.com
- **Area of Specialization:** Cloud Computing, Data mining & Big Data
- **Affiliation:** Department of Computer Applications, SRM IST, Ramapuram Campus.

Educational Details:

- **Degree –** Ph.D
- **Area or Subject –** Cloud Computing
- **University –** Saveetha University
- **Awarded Year –** Feb-2022
- **Degree –** M.Phil
- **Area or Subject –** Computer Science
- **University –** Thiruvalluvar University
- **Awarded Year –** 2016
- **Degree –** MCA
- **Area or Subject –** Computer Applications
- **University –** Anna University
- **Awarded Year –** 2013
- **Degree –** BCA
- **Area or Subject –** Computer Applications
- **University –** Thiruvalluvar University
- **Awarded Year –** 2010

Other Details:

Courses:

Research Interests: Cloud Computing

Selected Publications:

1. '**Improved Cloud Storage Encryption Using Block Cipher-Based DNA Anti-Codify Model**', E Srimathi, S.P Chokkalingam(2022), SCI, Computer Systems Science and Engineering, ISSN: 0267-6192.
2. '**Optimizing wear of Al 6062 alloy using machine learning and tungsten carbide nanoparticles**'. Soundararajan S1*, E Srimathi2, Eur. Chem. Bull. 2023, 12(Special Issue 6), 2747-2764.
3. '**Security performance of block cipher and stream cipher encryption in green cloud computing**', E Srimathi, S.P Chokkalingam (2020), Journal of Green Engineering, 2020, 10(9), pp. 6755–6765.
4. '**Data Comparison among Encrypted Information using AES and TwoFish Algorithm on Cloud Computing Security**', S.P Chokkalingam, E Srimathi, (2020), TEST, ISSN-0193-4120,May-June/2020.
5. '**Securing open source cloud storage on openstack cloud computing platform**', S.P Chokkalingam, E Srimathi (2019), International Journal of Recent Technology and Engineering, 2019, 7(6), pp. 416–417
6. '**Efficiency on public cloud storage providers in cloud computing**', E Srimathi, S.P Chokkalingam (2019), International Journal of Recent Technology and Engineering, 2019, 7(6), pp. 456–458
7. '**OpenKey-Generation for Enabling Cloud Storage Security in Open Source Cloud Computing**', E Srimathi, S.P Chokkalingam (2017), JARDCS,Vol.9.Sp-17/2017.
8. '**Secured Data Communication in Cloud Computing using Channel API with MD5 Hashing**', E. Srimathi, S. Geetha, IJMTARC, volume III issue-III ,isnn:2320-1363,2015

Papers Presented: 2

Working Papers: 1

Work in Progress:

Academic Experience: 7 years

Other Professional Experience:

Achievements:

Workshops /Seminars/Conferences: 24

Achievements and Awards:

MCA Anna University Rank Holder

Received Best Faculty Award organized by Chennai Softech on 5. 11.2022

Academic / Professional Membership:

Please send in your latest **PASSPORT SIZE photograph.**

