



SRM Valliammai Engineering College


(An Autonomous Institution)

SRM Nagar, Kattankulathur-603203,
Chengalpattu District, Tamil Nadu

TEL : 044 - 27454784 / 726, FAX : 044 – 27451504

Personal Details

| | | |
|-----------------------------------|--|-------------------|
| Name : | Dr S.Sekar | |
| Designation : | Assistant Professor (Sel.G) | |
| Educational Qualification: | M.E., Ph.D., | |
| Experience: | 17 Years 10 Months | |
| Area of Specialization : | Ad-hoc Network, Network Security | |
| Date of Joining: | 16/06/2004 | |
| Email ID : | sekars.it@valliammai.co.in | |
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EDUCATIONAL DETAILS

| S.No | Degree | Branch/Specialization | Institution / University | Year |
|------|--------|---|------------------------------|------|
| 1 | B.E | Computer Science | Mahendra Engineering College | 2002 |
| 2 | M.E | Computer Science | Annamalai University | 2004 |
| 3 | Ph.D | Information and Communication Engineering | Anna University | 2020 |

Professional Society Memberships

Computer Society of India and ISTE : Lifetime Membership

Publication Details

INTERNATIONAL JOURNALS:

- S. Jeyalakshmi, **S. Sekar**, S. Ravikumar, D. Kavitha “Random Forest-Based Oppositional Henry Gas Solubility Optimization Model for Service Attack Improvement in WSN” The Institution of Engineers (series B) –**Springer (Scopus and UGC carelist)** DOI:10.1007/s40031-021-00702-6, 2022.

- **S. Sekar**, Dr. B. Latha “Lightweight reliable and secure multicasting routing protocol based on cross-layer for MANET “,Concurrency and Computation Practice and Experience-Wiley Online Library,DOI:10.1002/cpe.5025,(2018) Impact Factor: 1.114 **SCI/SCOPUS Indexed Journal**.
- **S.Sekar**, ”Key Management Schemes in MANET- A Detailed Review” International Journal of Computer Science Trends and Technology (IJCST) – Volume 8 Issue 4, Jul-Aug 2020.
- **S. Sekar**, Dr. B. Latha ,A Secure Intrusion Detection System in MANET’s using Efficient Hybrid Cryptography Technique” has been published in ”Journal of Computational and Theoretical Nano science(CTN)” Volume 14,No.4,2017. **SCOPUS Indexed Journal**.
- **S. Sekar**, Dr. B. Latha, A Intrusion Detection using Efficient EAAck (EEAACK) in MANETs” in the International Journal of Applied Engineering Research(ISSN:0973-4562), pp-30919-30918 vol-10 Number 42(2015).
- **S.Sekar**, Dr. B. Latha, Intrusion Detection For MANETs using Navie bayes Classifier” also published in an International Journal of Applied Engineering Research (Online:ISSN:0973-4562), pp-1413-1411 vol-10 Number 55 (2015).
- Pavithra, K, Sharmila, L, Sivapriya, S, Swathi, U, **Sekar.S** “Future Of Smart Tourism” International Research Journal of Engineering and Technology (IRJET), Volume: 06 Issue: 02 | Feb 2019.
- **S.Sekar**, C.Vigneshwar, J.Thiyagarajan, V.B.Soorya Narayanan, M.Vijay “Decentralized E-Voting System Using Blockchain” International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 03 | Mar 2020.
- **S.Sekar**, M.Nandha, A.Naveen Kumar, B.Prakash Raj, P.Prasanna Ganapathy, “IoT based Air Quality Monitoring System” ” International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 03 | Mar 2020.

INTERNATIONAL CONFERENCE:

- "Intrusion Detection for Manets Using NAVIE BAYES Classifier", International Conference On Advances in Applied Engineering and Technology-15 (ICAAET-15) on 14-16 May 2015.

NATIONAL CONFERENCE:

- "A Intrusion Detection Using Efficient EAck (EEAACK) in Manets", National Conference on Recent Advances in Science, Engineering and Management (NCRASEM-15) on 20th March 2015.
- "Data Concurrency and Security in Cloud Database", National Conference on Recent Trends in Information Technology (NCRTIT-2k15) on 23rd Feb 2015.

Patent Filed & Grant(Indian / International):

- Multi Sensory Input Data Exchange By Virtual Reality Over 5G –**INDIAN PATENT** applied on 09/07/2021, published on DATED 16/07/2021. Application No: 202141030897A.

ATAL (AICTE Training And Learning) Academy)

- Participated & completed successfully - Online FDP on QUANTUM COMPUTING " from 21st – 25th, June, 2021..at Government College of Engineering, Sengipatti, Thanjavur.
- Participated & completed successfully - Online FDP on ""Augmented Reality/Virtual Reality and its Applications" from 04th October to 8th October 2021.at Sri Sai Ram Engineering College, Chennai.

AICTE - NITTT Module Completed:

Module 1 - Orientation Towards Technical Education and Curriculum Aspects.

NPTEL-ONLINE CERTIFICATION

Successfully completed NPTEL Online courses conducted by IIT and Awarded 'ELITE'

- Operating Systems fundamentals – 12 Week Course(July-Oct 2019)
- Introduction to Programming in C- Eight Week Course (Aug-Oct 2018)
- Cloud Computing – Eight Week Course(Aug-Oct 2017)
- Introduction to Operating Systems- Eight Week Course (Jul-Sep 2016)

OTHER DETAILS

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|------|--|------|
| I. | No. of FDTP/FDP Attended | : 10 |
| II. | No. of Industrial Visit | : 14 |
| III. | No. of Certificate | : 10 |
| IV. | No. of Seminars Attended | : 15 |
| V. | No. of Symposium/Mini Project Expo Organized | : 06 |