Dr. S. SATHEESH KUMAR

Email id:
sathiskumar1986@gmail.com

Contact Address:

14-Bharathiyar Street,
Bhavani Main Road,
Perundurai,
Erode.
Pin:638 052

Contact Number:

+91-9940764039,

+91-7373779990

Personal Profile:

Gender	:	Male
DOB	:	01-06-1986
Nationality	:	Indian
Hobbies	:	Listening Music and watching movies, Playing Cricket.
Marital Status	:	Married

Strength:

- Good team worker
- Hard worker
- Adaptability
- Quick learner

CAREER OBJECTIVE:

Quest to work in a professional atmosphere, which will help me to impart knowledge about the latest technologies in the world of information by virtue of my sincerity and dedication. I intend to contribute positively towards the growth and prosperity of the organization.

TECHNICAL SKILLS:

- Operating Systems: Windows family, Linux
- Packages: MS - OFFICE XP, My SQL.
- Languages: C, C++, JAVA
- Web Technologies: HTML, XML, Apache Tomcat.
- Moodle

AREA OF INTEREST:

- Computer Networks
- Operating system
- Software Engineering
- Data Base Management System

EDUCATIONAL QUALIFICATION:

- **Ph.D. (Computer Science and Engineering)**
  Anna University, Chennai.
  Year of Passing: August 2018.

- **M.E (Computer Science and Engineering)**
  Kongu Engineering College, Perundurai.
  Percentage: 7.2 CGPA

- **B.E (Computer Science and Engineering)**
  Paavai Engineering College, Namakkal.
  Percentage: 70 %

- **HIGHER SECONDARY (XII – State Board)**
  Govt.Hr.Sec.School, Rasipuram.
  Percentage: 66.8 %

- **S.S.L.C (X - State Board)**
  Govt.Hr.Sec.School, Rasipuram.
  Percentage: 76 %

PROFESSIONAL EXPERIENCE

Nandha Engineering College (Autonomous), Erode-52. June-2010 to till date

Total Experience: 8 Years 6 month

Computer Science and Engineering as Assistant professor

- Fundamental of Computer Programming for 1st year (2010-11) CSE & CIVIL students- 98%
- Computer Organization and Architecture for 2nd year (2010-11) CSE students- 94%
- PC Hardware & Troubleshooting for 3rd year (2011-12) CSE students- 98%
- Microprocessor & Microcontroller for 2nd year (2011-12) CSE student – 92%
- Cryptography & Network Security for final year CSE student (2012-13) – 93%
- Database Management System for 2nd year (2012-13) CSE student – 91%
- Cryptography & Network Security for final year CSE student (2012-13) – 91%
- Network Engineering & Management for 1st year M.E student(2013-2014)- 98%
- System Software for 3rd year CSE students(2013-14)-92%
- Mobile & Pervasive Computing for final year students(2014-2015)-94%

Nandha (Autonomous):

- Problem Solving & C Programming for 1st year Mechanical students(2014-2015)-89%
- Computer Networks for 2nd year students(2015-2016)-87.5%
- Mobile computing for 2nd year students(2015-2016)-92%
- Network Analysis & Management for 3rd year student (2016-2017)-98%
- Mobile Computing for 2nd year students(2016-2017)-92%
- Python Programming for 1st year EEE Students(2017-2018)- 87%

PROJECT DETAILS:

- **Title: Congestion Avoidance in Wireless Networks Using EWCCP Protocol**.

    Description :Congestion control is a critical issue to ensure the efficient and fair allocation of network Resource among communication flows. In the Internet, this issue has been resolved by applying an end-to-end congestion control protocol, i.e., Transmission Control Protocol. However, it has been reported that TCP does not perform well in a wireless.

- **Title: Collaborative Approach for Open Storage**

    Description: peer-to-peer distribution focused on data backup, In order to assure the availability and safety of user"s information and allowing its recovery with the database of activated machines based on IP address.

PH.D Thesis Title:

"An On-Demand Secured Data Transmission and Malicious Node Detection using Ant Colony

Optimization with Cluster Based Routing Protocol in MANET"

Co-CURRICULAR ACTIVITES:

Journals Published
Annexure-I

1. **SatheeshKumar S** & Sengottaiyan N, 2017,"An Resilient Hierarchical Authentication Scheme Based Byzantine Attack Detection in Mobile Ad Hoc Networks", Journal of Computational and Theoretical Nanoscience. **[Annexure – I, print ISSN: 5195–5202]** vol.14, Sep. 2017

2. **SatheeshKumar S** & Sengottaiyan N, 2017, „Defending Against Jellyfish Attacks Using Cluster Based Routing Protocol for Secured Data Transmission in MANET", **Journal in Cluster Computing, springer**.**[Annexure – I]**
OnlineLink:https://www.springerprofessional.de/en/defending-against-jellyfish-attacks-using-cluster-based-routing-/15221546#pay-wall]

Annexure-II

1. Published a journal on Journal of Computational Intelligence in Bioinformatics, ISSN: 0973-385X Volume 4 Number 1 (2011)pp. 19-27 © Research India Publications titled " A Biometric Authentication Via Fingerprint Recognition Instead of Password Protection".

2. Published a journal on International Journal of Information Technology Infrastructure, ISSN: 2320 2629 Volume 3, No.4, July – August 2014 Publications titled "A SURVEY ON MULTIPATH ROUTING PROTOCOLS IN WIRELESS SENSOR NETWORKS".

National Conference (Few)

- Presented a paper on National conference on Signal Processing, Communications and VLSI Design, Sponsored by CSIR, IEEE Madras Section and Organized by Anna University – Coimbatore titled "Developing a Medical Visualization Tool for Inner articulators".

- Presented a paper on National Conference on computer Technologies at Dhanalakshmi Srinivasan Engineering College, Perambalur titled "Brain Controlled Artificial Legs".

- Presented a paper on TNSCST Sponsored National Conference on Advanced Communication at Saranathan College of Engineering, Trichy titled "Sign Writing on Mobile Phones for Deaf".

- Presented a paper on National Conference on Research Perspective at Kongunadu College of Engineering, Namakkal titled "A Smart Driving Using Speed Control".

International Conference (Few)

- Presented a paper on International Conference on IEEE - International Conference on Research and Development Prospects on Engineering and Technology(ICRDPET 2013) March 29,30 - 2013 Vol.5 at E.G.S Pillay Engineering College, Nagapattinam titled "Location Based Routing For Wireless ADHOC Network" ISBN: 978-1-4673-4948-2 © 2013 IEEE.

- Presented a paper on International Conference on International Conference On Advances In Engineering, Science And Management (ICAESM -2012) March 30&31, 2012 at E.G.S Pillay Engineering College, Nagapattinam titled "A Pattern Based Framework For Privacy Preservation Through Association Rule Mining" ISBN: 978-81-909042-2-3 ©2012 IEEE.

Google Scholar Link:
https://scholar.google.com/citations?user=o3tsDkQAAAAJ

Orcid Link:
https://orcid.org/0000-0002-7089-7648
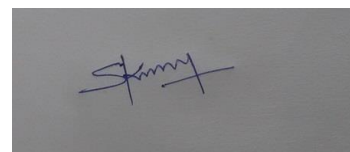
EXTRA – CURRICULAR ACTIVITIES:

- Department website Co-ordinator.
- Institution software Co-ordinator.
- Active member for organizing National & International Conference, Seminars & Workshops.

DECLARATION:

I hereby declare that all the information mentioned above is true to the best of my knowledge. I will make it my earnest endeavor to discharge competently and carefully the duties you may be pleased to entrust with me.

Place: Erode.

Date:

(Dr.SATHEESH KUMAR.S)