FACULTY PROFILE

Name of the Faculty	Dr S Sathish Kumar
Department	Information Science and Engineering
Qualification	B.E.(ECE), M.E.(CSE), Ph.D (CSE)
Designation	Professor
Area of Specialization	Data mining in Biological Databases
Date of Joining Institution	01-08-2002
Association with the Institution (Regular / Visiting / Adjunct / Contract)	Regular
email – id	Sathish_tri@yahoo.com
Phone / Mobile Number(s)	9886372152
Experience in years	28 + years

Educational Qualifications

Degree	Branch	Institution	Percentage	Month / Year of Passing	University
UG: B.E	ECE	PSNA College of Engg. & Tech.	68%	May 1991	Madurai Kamaraj
PG: M.E	CSE	Regional Engineering College, Trichy	68%	Dec 1997	Bharathidasan University
Ph.D	CSE	Dr MGR Educational and Research Institute		Dec 2014	Dr MGR Educational and Research Institute

Details of Work Experience(s)

Sl. No.	Designation	Organization	Duration
1	**Lecturer**	**Angala Amman College of Engineering and Technology, Trichy, Tamil Nadu**	**Jan 1992 - July 1998**
2	**Lecturer**	**RV College of Engineering, Bangalore**	**Nov 1998 to July 2002**
3	**Senior Lecturer**	**RNS Institute of Technology, Bangalore**	August 2002 to July 2003
4	**Assistant Professor**	**RNS Institute of Technology, Bangalore**	August 2003 to July 2011

5	Associate Professor	**RNS Institute of Technology, Bangalore**	August 2011 to July 2019
6	**Professor**	**RNS Institute of Technology, Bangalore**	August 2019 to till date

Academic Roles and Responsibilities

1. Presently Professor, ISE Department

2. Secretary for ISTE, RNSIT Chapter

3. Coordinator, STUDSAT program, RNSIT

4. Handling the subjects allocated

5. Preparing Laboratory manuals and course materials

6. M.Tech coordinator

7. Coordinator for Technical Seminars

8. Disciplinary committee member

9. Guiding Research Candidates under VTU

Research Work Details

Publication(s) (National/International Journals)

1. Kiran P, Sathish Kumar S and Dr Kavya N P, " A novel framework using Elliptic curve cryptography for extremely secure transmission in distributed privacy preserving data mining" in Advanced computing: An International Journal - ACIJ,(ISSN : 2229 - 6727 [Online] ;   2229 - 726X [Print]), Volume 3, No 2, March 2012.

2. Kiran P, Sathish Kumar S and Dr Kavya N P,"An extended conceptual modeling for ETL processes in privacy preserving data mining" published in International Proceedings of Computer Science and Information Technology - IPCSIT (ISSN: 2010 – 460X) 2012

3. Kiran P, Sathish Kumar S and Dr Kavya N P,"Modeling Extraction Transformation Load Embedding Privacy preservation using UML" International Journal of Computer Applications (IJCA) 2012, Volume 50 – Number 6 DOI> 10.5120/7772-0854. Impact factor:0.8

4. Sathish Kumar S and Dr Durai Pandian, "Artificial Neural Network based String Matching Algorithms for Species Classification – A Preliminary Study and Experimental Results" International Journal of Computer Applications (IJCA) August 2012, Volume 52 – Number 14, ISBN : 973-93-80870-17-6. Impact factor:0.8

5. Sathish Kumar S and Dr Durai Pandian,"An Effective Identification of Species from DNA Sequence: A Classification Technique by Integrating DM and ANN." International Journal of Advanced Computer Science and Applications (IJACSA) Aug 2012, Volume 3, issue 8,paper 17, U.S ISSN : 2156-5570(Online). Impact Factor : 1.187

6. Sathish Kumar S and Dr Durai Pandian, "Architecture for NM Based Species Classification", Manuscript is submitted for consideration to WULFENIA Journal KLAGENFURT, AUSTRIA, Vol 20, no:3,March 2013. ISSN: 1561-882X, Impact Factor: 0.2

7. Kiran P, Sathish Kumar S and Dr Kavya N P, "Assignment of SW using statistical based data model In SW -SDF based personal privacy with QIDB anonymization method", 2012 2nd IEEE International Conference on Parallel, Distributed and Grid Computing organized at Jaypee University of Information Technology, Waknaghat, Solan, Himachal Pradesh, India. December 6 – 8, 2012.

8. Sathish Kumar S and Dr Durai Pandian,"Artificial Neural Network Based Method for Classification of Gene Expression Data of Human Diseases along with Privacy Preserving", International Journal of Computers & Technology (IJCT), Volume 4 No. 2, March-April, 2013, ISSN 2277-3061, impact factor: 1.043

9. Gajendra Prasad K C and Sathish Kumar S"A Heuristic based approach for hiding sensitive data to achieve privacy" at   IJSRD (International Journal for Scientific Research and Development) Vol 2, Issue 4 June 2014 (ISSN: 2321-0613)

10. Sneha Gajakosh, Mr.S Sathish Kumar, "Efficient Data Processing Using Skewness Algorithm for Resource Allocation in Cloud like Environment" at International Journal for Engineering Development and Research, Vol 2, Issue 2 June 2014 (ISSN:2321-9939)

11. Rashmi G, S Sathish Kumar,"Novel Approach to Process Big Data in Cloud Computing Environment A Survey" at International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.86 (2015)

12. Ganesh Karthik, Preetham and Dr. Sathish Kumar S, "A Concept of Efficient Data Transmission among External Memory Devices" at International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.86 (2015)

13. T. V. Radhika , Krushna Chandra Gouda and S. Sathish Kumar , "A Study on the Different Aspects of the Virtual Private Cloud" at International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.86 (2015)

14. "Wound Assessment System for Diabetic Patients" at International Journal of Engineering Trends and Technology (IJETT) – Volume 34 Number 7, pages 342 – 345, April 2016 (ISSN: 2231 – 5381)

15. Jadhav Amruta S and S. Sathish Kumar"Support the Blind with Navigation Using Social Media" at International Engineering Research Journal (IERJ) -Volume 2 Issue 3 pages 877-880, 2016. ISSN: 2395-1621

16. Vijaya Dodamani , Dr. S Satish Kumar, "Recorder plug-in tool for eclipse automation", at International Journal of Advance Research in Science and Engineering (IJARSE) – Volume 5, Issue 5, pages 11 – 14, May 2016. ISSN: 2319-8354

17. Rashmi. G, Dr. S. Sathish Kumar, "Cloud based bigdata processing approaches", at International Journal of Computer Science and Engineering (IJCSE) - Volume-4, Special Issue-4, pages 5-8, June 2016 E-ISSN: 2347-2693

18. Rashmi. G, Dr. S. Sathish Kumar, "System level security assessment and counter measures for MAVLINK protocol", paper presented in National Conference on "Recent Innovations in Computing Technology", Global Academy of Technology, Bangalore on 19th May 2017

19. Pavithra S and Dr. S Sathish Kumar"A query facet Generation Using QD Miner Algorithm for Structured Data" published in "International Journal of Trend in Research and Development", ISSN: 2394 – 9333, volume 5 Issue 3, page 154 -158, Impact factor: 4.865, May-June 2018

20. Shweta M Ingaligi and Dr. Sathish Kumar,"Human Health Services Data Analysis Using Cloud Framework" published in "International Journal of Trend in Research and Development", ISSN: 2394 – 9333, volume 5 Issue 3, page 159 -161, Impact factor: 4.865, May-June 2018

21. Mrs. Radhika T V, K C Gouda, S.Sathish Kumar, "Review on Data Analytics for Climate Studies" in "International Journal of Engineering Trends and Technology (IJETT) – Volume 66 Number 1 – December 2018

22. Vandana B, S Sathish Kumar, "Hybrid K Mean Clustering Algorithm for Crop Production Analysis in Agriculture", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2S, December 2019

23. Rashmi G, S Sathish Kumar, "Prediction of Solid Garbage Waste Generation in Smart Cities using Naive Bayes Algorithm", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2S, December 2019

24. Arun kumar Nakatha, Sathish S. Kumar, "Data Mining Techniques for Identification and Classification of Various Diseases in Plants" , International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2S, December 2019

Paper(s) Presented (National/International Conferences)

1. Sathish Kumar S and Dr Durai Pandian, " Data mining in Bioinformatics – An analysis" at National level conference at 5th National level biological congress on Biotechnology: A global perspective January 6th and 7th 2006 sponsored by CSIR New Delhi and Muthayammal Educational Institutions, Rasipuram.

2. Vandana B, S Sathish Kumar, "Big Data Research in climate Science", IEEE International Conference on communication and Electronic Systems (ICCES 2016), 21st - 22nd October 2016, Coimbatore, India.

3. Babasab Appasab Kabanure and Dr S Sathish Kumar, "A Cloud based image and content reading for visually impaired" paper presented in National Conference on "VLSI, Communication and Signal Processing", Rajarajeswari College of Engineering, Bangalore on 16th May 2017

4. B SurajKumar and Dr. S. Sathish Kumar, "Data sharing in cloud computing using revocable storage identity based encryption method" paper presented in National Conference on "VLSI, Communication and Signal Processing", Rajarajeswari College of Engineering, Bangalore on 16th May 2017

Session chair(s) at National / International Conferences / Symposia

1. Session Chair for IETE sponsored National Conference on "Emerging Trends in Engineering Science and Technology" organized by ECE Department, RNSIT, Bangalore on 4th May 2018

2. Session Chair for the 13th National conference on "Recent Trends in Computer Science and Engineering" held on 9th May 2018, at SJBIT, Bangalore

3. Session Chair for IEEE Technically Co-sponsored 3rd International conference on "Computational Systems and Information Technology for Sustainable Solutions" organized by RVCE, Bengaluru from 20th to 22nd December 2018

4. Session Chair for the 11th National conference on "Advances in Information Technology" held on 4th May 2019, at SJBIT, Bangalore

5. Chaired the session for National Conference on "Recent Trends in Science, Engineering and Management" organized by Dr Ambedkar Institute of Technology, Bangalore on 7th& 8th June 2019

6. Session Chair for International Conference on "Chip, Circuitry, Current, Coding, Combustion and Composites" organized by Sairam College of Engineering, Bangalore on 28th and 29th Nov 2019

Workshops / Seminars / FDPs / Training Programmes

1. Participated in 5 days workshop on "Computational Data Science" under TEQIP held during 13th to 17th June 2016 organized by ISE Department, MSRIT, Bangalore

2. Attended Faculty Development Programme on "Computational Data Science" held at ISE Department, JSSATE, Bangalore from 16th to 21st January 2017

3. 3-day In-house FDP on "Machine Learning", conducted by CSE &ISE departments, July 19-21, 2018.

4. 3-day In-house FDP on "Web Technology and Applications", conducted by CSE & ISE department, July 23-24, 2018

5. Three Day FDP on Python Application Programming, 28th -30th Jan 2019 at RNSIT

6. An expert talk was delivered by Dr. Vijayalaxmi Nair , Professor Christ University , Bangalore on "Curves and Surfaces", on 2nd May 2019 at RNSIT.

7. An Expert Talk on How Educational Institutions adopt to Security needs globally by Mr. Sunil , CEO, CyQureX Systems, 5th Feb 2020 at RNSIT.

Personal Details

Date of Birth	25 - 05 - 1970
Gender	Male
Marital Status	Married
Address	E912, Golden Magic, Brigade Gardenia, JP Nagar 7th Phase, Bangalore - 560078

Date: **Signature**