

# SRM Valliammai Engineering College

(An Autonomous Institution)

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

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## Department of General Engineering

### PERSONAL DETAILS

<b>Name :</b>	Mr. S.K. SARAVANAN	
<b>Designation :</b>	Assistant Professor(Sel.G) & HOD Incharge	
<b>Educational Qualification :</b>	MCA,M.TECH.,(Ph.D)	
<b>Experience:</b>	21.5 Years Academic and 3 Years Industry Experience	
<b>Area of Specialization :</b>	Data Mining and Service Oriented Architecture	
<b>Date of Joining :</b>	13/06/2001	
<b>Email ID :</b>	<a href="mailto:saravanank.mca@valliammai.co.in">saravanank.mca@valliammai.co.in</a> sksaravananvecmca@gmail.com	
<b>Contact Numbers :</b>	044-27454784	

### EDUCATIONAL DETAILS

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.Sc.,	Mathematics	A.V.V.M. Sri Pushpam College, Bharathidasan University	1992
2	MCA	Computer Applications	A.V.V.M. Sri Pushpam College, Bharathidasan University	1996
3	M.TECH	Computer Science	SRM UNIVERSITY	2008
4	Ph.D.	Computer Science	Bharathiar University	Waiting for Viva Voce

### PROFESSIONAL SOCIETY MEMBERSHIPS

1. INDIAN SOCIETY OF TECHNICAL EDUCATION : LIFE MEMBER
2. COMPUTER SOCIETY OF INDIA : LIFE MEMBER
3. THE INDIAN SCIENCE CONGRESS ASSOCIATION : ANNUAL MEMBER

### BOOK PUBLICATIONS

1. Authored a Book titled “**Object Oriented Programming**” for MCA students of Anna University, published by Takur Publications with ISBN in February 2013.
2. Authored a Book titled “**PYTHON PROGRAMMING**” for First year students of Anna University, published by STS Publications with ISBN in April 2019.

### PUBLICATION DETAILS

#### INTERNATIONAL JOURNALS

1. S.K. Saravanan and M. Asan Nainar, “**Android Based Smart Automation System Using Multiple Authentications**”, Iconic Research and Engineering Journals(IRE), an International Peer Reviewed Journal, vol 3, issue 6, December 2019.
2. S.K. Saravanan, and Dr. G.N.K. Suresh Babu, “**Online Banking Fraud Analysis and Investigation**” in ‘International Journal for Research in Applied Science & Engineering Technology’ Vol 6, Issue 4, ISSN 2321-9653, April 2018.

3. S.K. Saravanan, and Dr. G.N.K. Suresh Babu, “**Krill Herd Based Feature Selection and Classification for Credit Card Fraud Detection**” in ‘International Journal of Pure and Applied Mathematics’ Vol 118, Issue 18, ISSN 1373-1388, March 2018.
4. S.K. Saravanan, and Dr. G.N.K. Suresh Babu, “**Secured Credit Card Transaction Using MCOP**” in ‘International Journal of Recent Scientific Research’ ISSN 0976-3031, Vol-9, Issue-2(A), February 2018.
5. S.K. Saravanan, and Dr. G.N.K. Suresh Babu, “**Optimization Based Feature Selection and Classification for Credit Card Fraud Detection**” in ‘International Journal of Advanced Research Trends in Engineering and Technology’ Vol 5, Issue 2, ISSN 2394-3777, January 2018.
6. S.K. Saravanan, and Dr. G.N.K. Suresh Babu, “**An Improving Credit Card Fraud Detection using a Novel Data Mining Techniques**” in the International Journal ‘Technical Research Organization India’ ISSN 2393-8374, Vol 4, Issue 10, October 2017.
7. S.K. Saravanan, and Dr. G.N.K. Suresh Babu, “**Literature Study – Data Mining Techniques on Detecting Fraudulent Activities in Credit Card**” in ‘International Journal of Emerging Research in Management and Technology’ ISSN 2278-9359, Vol-6, Issue-10, October 2017.
8. S.K. Saravanan, and Dr. G.N.K. Suresh Babu, “**An Analysis of Fraud Detection from Credit Card is using Web Data Mining Techniques**” in ‘International Journal of Advanced Research in Data Mining and Cloud Computing’ Vol-1, Issue-1, ISSN 2321-8754, July 2013.
9. Dr. G.N.K. Suresh Babu, S.K. Saravanan and Dr. S.K. Srivatsa “Security Aspects of Cloud Computing” in ‘Asia Pacific Journal of Research’ Vol-1, Issue-7, ISSN 2320-5504, July 2013.
10. Dr. G.N.K. Suresh Babu, S.K. Saravanan and Dr. S.K. Srivatsa, “Information Retrieval Challenges in Web” in ‘International Journal of Emerging Technologies in Computational and Applied Sciences’ ISSN 2279-0047, August 2013.

### **CONFERENCES / WORKSHOPS / STTPS / SEMINAR / TRAINING**

- Presented a paper “**Classification Techniques Applied to Software Engineering**” in the 5<sup>th</sup> National Conference on “**Advanced Computing Applications and Technologies – NCACAT’15** on 12.03.2015 organized by the Easwari Engineering College, Chennai.
- Participated a National Level Technical Workshop on Network Simulator – 2 [NS-2] at Bharath University, Chennai on 25.03.2015.
- Participated an International Seminar on Mining Educational Databases and Information Analytics (MEDIA’18) at Sri Sankara Arts and Science College(Autonomous), Kanchipuram on 13.03.2018.
- Attended FDP on “Cloud Services and Infrastructure” during 08.07.13 to 12.07.13 organized by ICT Academy of Tamilnadu sponsored by EMC<sup>2</sup>.

### **MAJOR ACHIEVEMENTS**

- Guided many real-time projects as per software development life cycle standards.
- Won the award for “**Guiding Best Project**”, Department of Computer Applications, Valliammai Engineering College during April 2006 and 2009.
- Acted as **NAAC and NBA** coordinator for MCA Department during the year 2008 and 2013.

- Acted as **ISO** Incharge of MCA department for about 7 years.
- Received a certificate of merit against cent percentage result on “Object Oriented Programming”, and Service Oriented Architecture.
- Received the certificates of merit against cent percentage result on “Management Information Systems”, Valliammai Engineering College three times.
- Acting as One of the College **Sports Committee** Convener.
- Department Coordinator for NPTEL online Examinations.
- Department Coordinator for **FOSS SPOKEN TUTORIAL** for online Examinations.
- Received the certificate of merit against “**Best faculty of MCA**” during academic year 2007-08.
- Selected as a MCA Board Chairman for Anna University Zone-4 Valuation.
- Handled classes through INFOSYS Campus Connect Program for students those who have been placed for INFOSYS during 2007 to 2009.
- Secured **First Rank** and obtained **Gold Medal** at **M.Tech** programme in the year 2008.

### **OTHER PARTICULARS**

- Acted as Co-ordinator for Symposium Colosium-2008 and Colosium-2011.
- Conducted Eleven Faculty Development Programmes, Seven Workshops and Many Seminars, Guest Lectures for Staff and Students of the MCA department during 2005 to 2018.
- Acted as Co-ordinator for National Conference on NCKE’12 and NCKE’14 for MCA.
- Acted as Time Table Coordinator for MCA Department.
- Held various responsibilities at college Committees like Sports, College Day and Graduation Day.
- Acted as Judge of Various events held at Inter and Intra Colleges.
- Acted as Resource persons of Schools and Colleges.

### **ONLINE CERTIFICATION**

- Successfully completed the course of "Introduction to Research", "Cloud Computing”, and “Python for DataScience" in NPTEL-online Certification which is conducted by IIT, Madras.
- Successfully completed the course of "Object Oriented Programming", "Programming in C”, and “Python Programming" in IIT Bombay FOSS online Certification.