

## **FACULTY PROFILE**

1. Name : SQN LDR Dr. SADASIVAM V R
2. Designation : Associate Professor
3. Date of Joining : 08.06.2000
4. Nature of Association : Regular
5. Email : sadasivam@ksrct.ac.in



### **6. Academic Qualifications:**

S.No.	Course	Institution	Board/ University	Percentage/ CGPA & Year of Passing	Class Obtained
1.	<b>Ph.D</b> (Information and communication Engineering)	K.S.Rangasamy College of Technology, Tiruchengode	Anna University, Chennai	July 2016	Completed
2.	<b>M.E.</b> (Computer Science and Engineering)	K.S.Rangasamy College of Technology, Tiruchengode	Anna University, Chennai	78% May 2008	First class
3.	<b>M.C.A.</b> (Computer Applications)	K.S.Rangasamy College of Technology, Tiruchengode	University of Madras, Chennai	64% May 1999	First class
4.	<b>B.Sc.</b> (Computer Science)	Government Arts College, Salem.	University of Madras, Chennai	52% May 1996	Second class
5.	<b>HSC</b>	Bishop Heber Higher Secondary School, Trichy	State Board, Tamilnadu	51% April 1993	Second class
6.	<b>SSLC</b>	National College Higher Secondary School, Trichy	State Board, Tamilnadu	68% April 1991	First class

### **7. Employment details with Experience:**

S.No.	ORGANIZATION	DESIGNATION	PERI		YEAR OF
			FROM	TO	
1.	Sri Ragavendra Polytechnic College, Komarapalayam	Lecturer	04.06.1999	07.06.2000	1.00
2.	K.S.Rangasamy College of Technology, Tiruchengode	Lecturer	08.06.2000	31.05.2005	4.11
3.		Assistant Professor	01.06.2008	31.05.2018	12.11
4		Associate Professor	01.06.2018	Till date	6.11
Total					25.11 Years

**8. Title Of M.E/M.Tech/Ph.D Thesis :**“ Optimized Fuzzy Rule Selection In Time Interval Sequential Pattern Mining”

**9. List of Publications:**

<b>International / National Journals</b>	
1.	Sadasivam, R & Duraiswamy, K 2015, “MLDSS: An Algorithm to Mine Multi-Label Disease Spreading Sequence Using Spatio-Time Interval Database”, Journal of Medical Imaging and Health Informatics, vol.5, no.1, pp. 17-26, ISSN : 2156-7018. IF – 0.62
2.	Sadasivam, R & Duraiswamy, K 2013, “Efficient approach to discover interval-based sequential patterns”, Journal of Computer Science, vol.9, no.2, pp. 225-234, ISSN : 1552-6607. IF – 0.39
3.	Sadasivam, R, Duraiswamy, K & M.Premalathaa 2013, “Survey of Pattern Finding in Blog”,International Journal of Advanced Research in Computer Science and Software Engineering, vol.3, no.4, pp. 58-61, ISSN : 2277 128X. IF – 0.02
4.	Sadasivam, R. & Duraiswamy, K, Mani Bharathi, R 2015, “Association Rule Mining and Frequent Pattern Mining Applications on Crime Pattern Mining: A Comprehensive Survey”, International Journal of Innovative Research in Science,Engineering and Technology, vol.4, no.6, pp. 228-236, ISSN : 2319-8753. IF – 0.05
5.	VR Sadasivam, G Narendharakumar, M Ragavan, A Prabhuram, “Food Sales Analysis and Prediction Using Machine Learning”, IEEE 2nd International Conference on Artificial Intelligence and Machine Learning Applications Theme: Healthcare and Internet of Things (AIMLA), pp. 1-5
6.	Muthusankar, D., Kaladevi, P., Sadasivam, V. R., & Praveen, R. (2023). BIDRN: A method of bidirectional recurrent neural network for sentiment analysis. arXiv preprint arXiv:2311.07296.
7.	Sadasivam, V. R., Udhaya, T., Saravanan, K., & Keerthana, S. (2024, June). Truth Tracker: Unveiling Fact From Fiction in Social Media. In 2024 IEEE 15th International Conference on Computing Communication and Networking Technologies (ICCCNT) (pp. 1-4).
8.	Sadasivam, V. R., Sanjaykumar, V., Imam, A. S., & Vasanthan, R. (2024, May). Guided Student Profile System: Mentor Feedback Integration. In 2024 IEEE International Conference on Intelligent Systems for Cybersecurity (ISCS) (pp. 1-5).
9.	V.R.Sadasivam, S. Mohammed Suhail, M. Sowndar Rajan, & R. Tharun. (2023). Classification of Plant disease and pesticides recommendation using Deep-Learning. Journal of Population Therapeutics and
10.	V.R. Sadasivam, R. Abishakeb, R. Tamilarasan (2017), Image Steganography, South Asian Journal of Engineering and Technology, pp. 140-143
11.	Sadasivam, R., Paramasivam, S., & Saravanan, M. Students career prediction. International Journal of Health Sciences, (V), 1357-1365.
<b>National / International Conference</b>	
1.	Presented a Paper titled “Algorithms for Machine Learning to predict Child birth modes ”14 <sup>th</sup> IEEE international conference on Communication Systems and Network Technologies held on 7 & 8 <sup>th</sup> March 2025 at VIT Bhopal University, MP, India
2.	Presented a technical paper titled “Mobile cloud computing techniques for extending computation and resources in mobile devices”, International Conference on Computer, Electrical, Electronics, Civil and Mechanical Engineering IC2E2CME'2018 at Ranganathan Engineering College, Coimbatore on 30.03.2018 to 31.03.2018.
3.	Presented a technical paper titled “E-Mail Spam Classification using Search Engine Index” in International Conference on Frontiers of Computational Intelligence - ICFCI 2016 at K.S.Rangasamy College of Technology, Tiruchengode on 05.03.2016
4.	Presented a technical paper titled “Association Rule Mining and Frequent Pattern Mining Application on Crime Pattern Mining: A Comprehensive Study”, in International Conference Multicon'15 at Muthayammal Engineering College, Rasipuram on 29.04.2015 to 30.04.2015.

5.	Presented a technical paper titled “Pattern Mining using Transactional Database in Customer shopping” in National Conference on Networking and Communication Systems held at Excel Engineering College, Komarapalayam on 22.02.2013, Pages 01-06
6.	Presenting a technical paper titled “A Survey of Discovering Time Interval Based Sequential Pattern Mining” in International level Conference cum Pre Conference Workshop Innovation in Engineering and Technology for Sustainable Development, held at Bannari Amman Institute of Technology and
7.	Presented a technical paper titled “Computer Trust with Robust Measurement in Electronic Commerce” in International Conference on Emerging Trends in Computer and Communication Technologies at Maria College of Engineering and Technology, Kanyakumari, 16.02.2012 to
8.	Presenting a technical paper titled “Secured routing in Ad Hoc using Pre-Deployed Infrastructure”, National Conference on “IT and industrial Research NCIR”08 held at Sona College of Technology, Salem 8 -March – 2008, Pages 112-116
9.	Presenting a technical paper titled “Channel Assignment and power control in Ad Hoc Networks” National conference on “Innovation in computer Techniques NCICT-08” held at Mahendra Engineering College, Tiruchengode – 637 215 on 2-April – 2008
10.	Presenting a technical paper titled “Detection and Handling of misbehavior nodes in Wireless Ad Hoc Networks” National conference on Emerging Trends in computer Science & Engineering ETICSE”08 held at K.S.Rangasamy college of Technology, Tiruchengode – 637 215 on 20-Feb-2008
11.	Presented a technical paper titled “Sequential pattern mining using aging theory in Community question answering systems”, in 2nd International Conference on Innovative Research in Engineering and Technology (iCIRET2013) at Park College of Engineering and Technology, Coimbatore on 03.01.2008 to 05.01.2008

#### 10. List of Workshops / Seminar / STTP/FDPs Organized:

S.No.	Title	Venue	Duration	Sponsoring Authority
1.	Nanomaterials and Nano Technology(NANO-15)	K.S.Rangasamy College of Technology, Tiruchengode	4	DST

#### 11. Special Lectures / Key note address delivered in other Institutions

S.No.	Date	Institution / Organization	Name of the Event	Topic
1.	23.01.2023	Excel Engineering College	National Level seminar on “Taking flight with AI: Transforming Aero spacing trough Data & Innovation”	The Future of Autonomous Flight
2.	25.01.2019	Ministry of Youth Affairs & Sprots	District Youth Parliament	District Youth Parliament talk
3.	23.01.2018	Ministry of Youth Affairs & Sprots & K.S.R Polytechnic College, Tiruchengode	Nethaji Subash Santhira Bose Birthday Celebration	District Youth Parliament talk
4.	09.12.2017	Vidyaa Vikas College of Engineering and Technology, Tiruchengode, Anna University	STP	Knowledge Management

**12. List of Workshops / Seminar / STTB/FDPs Attended:**

S.No.	Title	Venue	Duration	Sponsoring Authority
1.	J GATE - An Electronic Gateway for Research	K.S.R College of Engineering, Tiruchengode	1	PALS
2.	NBA Accreditation	K.S.Rangasamy College of Technology, Tiruchengode	7	National Institute of Technical Teachers Training and Research(NITTTR), Kolkata
3.	Technical Communication	K.S.Rangasamy College of Technology, Tiruchengode	14	ISTE, Indian Institute of Technology, Bombay
4.	Cyber Security	K.S.Rangasamy College of Technology, Tiruchengode	11	ISTE, Indian Institute of Technology, Bombay
5.	Research Challenges of Data Security in Grid and Cloud Computing	K.S.Rangasamy College of Technology, Tiruchengode	2	CSIR
6.	Current Trends in Data Mining and Web Mining Applications	Angel Engineering College, Tirupur	2	Defence Research and Development Organization(DRDO)
7.	Database Management System	K.S.Rangasamy College of Technology, Tiruchengode	11	ISTE, Indian Institute of Technology, Bombay
8.	Software Project Management	K.S.Rangasamy College of Technology, Tiruchengode	1	
9.	Steps 2 Research	Amal Jyothi College of Engineering, Kanjirapally, Kerala	2	ISTE Kerala Section and CSI Cochin Chapter
10.	Introduction to Design of Algorithms	K.S.Rangasamy College of Technology, Tiruchengode	4	ISTE, Indian Institute of Technology, Kharagpur
11.	Recent Advances in Pattern Recognition-Artificial Intelligence Models and Analysis in Biometrics	K.S.Rangasamy College of Technology, Tiruchengode	13	All India Council for Technical Education(AICTE)
12.	Reserch Aspects of M2M Technology and Wireless Sensor Networks in Space Communication	K.S.Rangasamy College of Technology, Tiruchengode	2	Defence Research and Development Organization(DRDO)
13.	Reserch Initiatives in Data Mining for Web Intelligence	KSR College of Engineering, Tiruchengode	12	All India Council for Technical Education(AICTE)
14.	Research Methodology in Computer Science	K.S.Rangasamy College of Technology, Tiruchengode	1	
15.	Recent Trends in Information Security	K.S.Rangasamy College of Technology, Tiruchengode	1	
16.	Microsoft .NET & Applications	K.S.Rangasamy College of Technology, Tiruchengode	3	APPIN Knowledge Solutions
17.	Data Mining using PASW Modeler	PSG College of Technology, Coimbatore	2	

18.	Instructional Design and Delivery Systems	K.S.Rangasamy College of Technology, Tiruchengode	3	Technical Teachers Training Institute, Chennai
19.	Teaching Technology and Counselling Skills	K.S.Rangasamy College of Technology, Tiruchengode	2	Abirami Academy, Chennai
20.	Renewable Energy - Energy of the Future	K.S.Rangasamy College of Technology, Tiruchengode	1	Tamilnadu Energy Development Agency, Chennai
21.	Renewable Energy - Today and Tomorrow	K.S.Rangasamy College of Technology, Tiruchengode	1	Tamilnadu Energy Development Agency, Chennai
22.	Research Techniques in Data Mining & Warehousing	SNS College of Technology, Coimbatore	2	
23.	Research in Computer Science	K.S.Rangasamy College of Technology, Tiruchengode	1	
24.	Research Methodologies	K.S.Rangasamy College of Technology, Tiruchengode	1	ISTE Staff Chapter
25.	NCC Officer Refresher Training Course	Airforce Station, Thambaram	30	National Cadet Corps, Ministry of Defence, New Delhi
26.	National Disaster Management Training	National Disaster Response Force	3	National Disaster Response Force, Arakkonam
27.	Research in Higher Education Institutions	Sree Narayana Guru College, Coimbatore	8	
28.	Research Methodology	Annai Vailankanni College of Engineering	3	Institute of Electrical and Electronics Engineers (IEEE)
29.	Cloud Computing Technologies	Annai Vailankanni College of Engineering	3	Multicloud4U & 5thir, Haryana
30.	Best Practice and their Success Stories in Higher Education Institutions	Rathinam College of Arts and Science	2	NAAC Sponsored National Virtual Conference
31.	Grooming the Employability Skills of the Students	ISTE - & CSI Polytechnic College	1	Indian Society for Technical Education (ISTE)
32.	Prevalent and Prospective Paradigms in Machine Learning for Applications in Biology	Nirmala College for Women	2	-
33.	Role of Teachers in New Normal	SAFI Institute of Advanced Study (SIAS)	1	-

### 13. Details of Membership in Professional Societies:

S. No.	Name of Professional	Grade of Membership	Membership No.
1.	ISTE	Life Member	Life Member: LM 42886

**14. Involvement in Department / Institutional Activities**

- ✓ Anti-Drug Coordinator for K S Rangasamy College of Technology
- ✓ Worked for the NAAC and NBA Certification for the Institution
- ✓ Worked for the Autonomous Affiliation process
- ✓ Worked for the ISO 9001:2001(E) Certification for the College
- ✓ Associate Examinership in IGNOU, Anna Universities, Deemed universities and Autonomous Colleges
- ✓ Discipline committee Coordinator for K S Rangasamy College of Technology
- ✓ Anti Ragging Committee Coordinator for K S Rangasamy College of Technology

**15. Recognized Academic Excellence and Awards:**

- ✓ Flight Commander / NCC officer for NCC AIRWING unit of K S Rangasamy College of Technology belongs to 5 Tamilnadu Air Squartron NCC, Salem from 2006 onwards
- ✓ Got Director General Commendation Card award 2016 from DG NCC, Ministry of Defense, New Delhi for the Outstanding performer in NCC at All India Level.
- ✓ Got Defence Secretary Commendation Card 2024 from Defence Secretary, Ministry of Defense, New Delhi for the Outstanding performer in NCC at All India Level.
- ✓ Got Outstanding Performer award from KOVAI NCC Group for the academic year 2021-2022, 2022-2023 and 2023-2024

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