K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215.
(AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
<u>FACULTY PROFILE</u>

01. **Name**   : S.Savitha

02. **Designation**   : Assistant Professor

03. **Date of Birth**   : 27.06.1987

04. **Date of Joining** : 01.12.2008

05. **Qualification**   :

S. No.	Name of the Degree	Specialization	Name of the Institution / University	Name of the University	Year of Admitted	Year of Completed	Class & % of Marks
1.	Ph.D.,	Data Mining	Anna University, Chennai.	Anna University, Chennai.	2018	Pursuing	-
2.	M..E / M.Tech	M.E. (CSE)	Nandha Engineering College	Anna University, Chennai	2010	2012	8.97 (CGPA)
3.	B.E / B.Tech	B.TECH (IT)	Nandha Engineering College	Anna University, Chennai	2004	2008	72%

06. Experience, Promotion & Designation Details (Chronological):

a. Teaching:

S. No.	Name of the Institution	Designation	Nature of work	Period From	Period To
1.	K.S.R. College of Engineering	Lecturer	Teaching	1.12.2008	30.6.2010
2.	K.S.R. College of Engineering	Assistant Professor	Teaching	1.7.2012	5.6.2022
3.	Kongu Engineering College	Assistant Professor	Teaching	6.6.2022	22.6.2023
4.	K.S.R. College of Engineering	Assistant Professor	Teaching	5.7.2023	Till date
	Total year of Experience(s)			13.7 years	

07. Publication Details:
  a. Conference Details:
  National:

S. No.	Title of the Research paper	Name of the author(s)	Publisher / Journal Name	Month & Year of publication	DOI & ISSN No.	IF / SJR / SNIP / H index / K index
	2009-2010					
1.	Vehicle tracking system using RFID	S.Savitha	K.S.Rangasamy College of Technology	February, 2010	Proceedings ETCSE page no.30	-

				2011-2012			
2.	Multi dimentional resource scheduling with security for heterogeneous distributed systems	S.Savitha, Prof. K. Gunasekaran	Selvam College of Technology	2012	Proceedings NCICAA'12 Page no. 9	-
				2014-2015			
3.	Reinforcement of Anonymity in MANET using alert with reduced routing overhead	K.Logeswaran, S.Savitha, S.Gowrishankari	Erode sengunthar College of engineering	March, 2015	Proceedings ICSEE'2015	-
				2016-2017			
4.	Performance analysis of SVM classifier with wavelet based feature extraction for microscopy skin images	S.Savitha, K.Sangeetha, G.Karthick	Nandha College of Technology	January 2017	-	-
				2018-2019			
5.	Scalable Learning for Identify and Ranking Prevalent News Topic using Social Media Factor	S.Savitha, N.Sowmiya, S.Suryaprakash, M.Tamilselvan, K.Tamilarasu	KSRCE, National Conference on Recent Trends in Information, Communication and Computing Technology	March 10, 2019	Proceedings NC-RTICCT'19	-
6.	Cost Effective Resource Provisioning on Cloud for Dataset using TOF Planner Approach	S.Savitha, R.Hemachandrika S. Indhu, S. Janani, S. Kamachi	KSRCE, National Conference on Recent Trends in Information, Communication and Computing Technology	March 10, 2019	Proceedings NC-RTICCT'19	-

International:

S. No.	Title of the research paper	Name of the author(s)	Publisher / Journal Name	Month &Year of publication	DOI & ISSN No.	IF / SJR / SNIP / H index / K index
			2011-2012			
1.	Multi dimensional resource scheduling with security for heterogeneous distributed systems	S.Savitha, Prof. K. Gunasekaran	J.K.K.N. College of Engineering and Technology	2012	-	-

2014-2015						
2.	An efficient data backup and distribution services for smart phones in clouds	S.Savitha, K.Logeswaran, K.R.Prasannakumar	Surya Engineering College	March, 2015	-	-
2017-2018						
3.	Enhanced selective encryption method for big data sensing stream using hash chain algorithm	S.Savitha, K.Logeswaran	Nandha Engineering College	March, 2018	-	-
2019-2020						
4.	A comparative analysis using machine learning approach for sleep apnea disorder mining	S.Savitha, K. Logeswaran	Nandha Engineering College	Februay 2020	-	-
2020 - 2021						
5.	An Optimal Search Technique for the Frequent Itemset Mining	S.Savitha	Advances in Communication, Machine Learning, Embedded with Internet of Things (IVCACME-2021)	10.04.2 021	-	-
2021 - 2022						
6.	Discovery of Potential High Utility Itemset from Uncertain Database using Multi Objective Discrete Differential Evolutionary Algorithm	S. Savitha, K.Logeswaran, P.Suresh, A.P.Ponselvakumar	IEEE Proceedings	March 2022	ISBN:978-1-5386-9433-6	Scopus
2022 - 2023						
7.	A Comprehensive Analysis of Machine Learning Algorithms in Diagnosis of Chronic Kidney Disease	Savitha S, Rajiv Kannan A, Logeswaran K	2022 13th International Conference on Computing Communication and Networking Technologies (ICCCNT)	December 2022	ISBN:978-1-6654-5262-5	Scopus
8.	Machine Learning-Based	S. Savitha, Sagana	2023 International Conference on	January 2023	DOI: 10.1109/I	Scopus

	Title	Authors	Conference/Journal	Date	ID	Indexing
	Crop Recommendations for Precision Farming to Maximize Crop Yields	R.Manjula Devi M. Sangeetha; C.	Computer Communication and Informatics (ICCCI)		CCCI56745.2023.10128525	
9.	Plant type classification based on leaves using Fusion based Support Vector Machine	S. Savitha, R.Manjula Devi; M. Sangeetha; C. Sagana	2023 International Conference on Computer Communication and Informatics (ICCCI) – IEEE	January 2023	DOI : 10.1109/ICCCI56745.2023.10128587	Scopus
10.	Twitter Sentiment Analysis using Collaborative Multi Layer Perceptron(MLP) Classifier	S. Savitha, R.Manjula Devi; M. Sangeetha; C. Sagana, P. Keerthika, P. Suresh	2023 International Conference on Computer Communication and Informatics (ICCCI) - IEEE	January 2023	DOI: 10.1109/ICCCI56745.2023.10128430	Scopus
11.	Contactless Keyboard Using Open CV	S. Savitha, Devendran K, Sagana. C	3rd International Conference in Engineering Technology & Management	March 2023	Conference Proceedings	-
12.	Auto Scaling Infrastructure with Monitoring Tools using Linux Server on Cloud	Savitha S, Sangana C, Devendran K, Pravin L, Rajkumar M, Nirmal C	2023 7th International Conference on Computing Methodologies and Communication (ICCMC)	April 2023	ISBN:978-1-6654-6408-6	Scopus
2023 - 2024						
13.	Pre-owned automotive price prediction using machine learning technique	S. Savitha, K.Logeswaran, P.Suresh, K.R.Prasannakumar	Machine Intelligence research Labs 13th world congress on Information and communication technologies(WICT'23)	December 2023	-	-
14.	Machine Learning Driven Precise Automobile Insurance Claim Predictions	S. Savitha, K.Logeswaran, S. Dineshkumar	Machine Intelligence research Labs 13th world congress on Information and communication technologies(WICT'23)	December 2023	-	-
15.	Enhancing Public Safety During Natural Disasters	M Sangeetha, M Keerthana, B Abirami, Maria Ab,	2024 2nd International Conference on	March 2024	DOI: 10.1109/AIMLA5	Scopus

| | Using Multimodal Deep Learning Based Analysis of Crowd-Sourced Tweets | S Savitha, K Logeswaran | Artificial Intelligence and Machine Learning Applications Theme: Healthcare and Internet of Things (AIMLA) | | 9606.2024.10531594 ISBN:979-8-3503-4922-1 | |

b. Journal Details:

International:

S. No.	Title of the research paper	Name of the author(s)	Publisher / Journal Name with full Expansion	Month &Year of publication	DOI & ISSN No.	IF / SJR / SNIP / H index / K index	Impact Factor
			2011-2012				
1.	Multi dimentional resource scheduling with security for heterogeneous distributed systems	S.Savitha, K. Gunasekaran	International Journal of Communications and Engineering	2012	Volume 05– No.5, Issue: 01 March2012	-	-
			2014-2015				
2.	Load-Balancing Based on Geographic Routing Around Connectivity Holes In Wireless Sensor Network	R.Mohanapriya V.Vennila & S.Savitha	International Journal of Engineering and Computer Science	March 2015	Volume 4 issue 3 ISSN:2319-7242	-	-
3.	Record Linkage Using Jaro-Winker Technique Implemented In Database Misuse Domain	T.Sathya, V.Vennila & S.Savitha	International Journal of Advanced Research in Computer Engineering	March 2015	Volume 4, Issue 3 ISSN:2278-1323	-	-
4.	An Efficient Data Backup and Distribution Services for Smart Phones in Clouds	S. Savitha K.Logeswaran K.R. Prasannakumar	Transactions on Engineering and Sciences	March 2015	ISSN: 2347-1964 2347-1875	-	-
5.	Reinforcement of Anonymity in MANET using ALERT with Reduced routing overhead	K.Logeswaran S.Savitha S. Gowri shankari	International Journal of Applied Engineering Research	June 2015	ISSN 0973-4562 Vol. 10 No.56 (2015)	-	-

			2015-2016				
6.	An Incorporated Precaution Result for Data Circulation in WSN	V.Sharmila, P.Balamurugan, V.Vennila S.Savitha	International Journal of Innovative Research in Engineering Science and Technology	March 2016	ISSN 2320-981X	-	-
7.	Information Retrieval and Recommendation Framework Using Maximum Matched Pattern Based Topic Models	V.Vennila, V.Sharmila, P.Balamurugan S.Savitha	International Journal of Innovative Research in Engineering Science and Technology	March 2016	ISSN 2320-981X	-	-
8.	Anonymous on demand cluster routing for Ad-Hoc Network	S. Savitha K.Logeswaran K.R. Prasannakumar	International Journal of Innovative Research in Computer Science and Engineering (IJIRCSE)	May 2016	ISSN: 2394-6364, Vol 2, Issue 5	-	1.113
			2016-2017				
9.	Performance analysis of SVM classifier with wavelet based feature extraction for microscopy skin images	S.Savitha, K.Sangeetha, G.Karthick	South Asian journal of Engineering and Technology	April 2017	Volume-3, issue-9, 2017	-	-
			2017-2018				
10.	Enhanced selective encryption method for big data sensing stream using hash chain algorithm	S.Savitha, K.Logeswaran	International Conference on Recent Innovations in Engineering Technology and Management	March, 2018	Vol. 6, No.2 ISSN 1731-1735	-	-
			2018-2019				
11.	Enabling Identity-Based Integrity Verification Data sharing Model Using TPA and Batch Auditing Protocol	B.Kogilavani, S.Savitha.	International Journal of Research and Analytical Reviews (IJRAR)	February 2019	Volume 6, Issue 1	-	5.75
12.	Scalable Learning	S.Savitha,	International	March	Special	-	7.86

No.	Title	Authors	Journal	Date	Issue/ISSN		
	for Identify and Ranking Prevalent News Topic using Social Media Factor	N.Sowmiya, S.Suryaprakash M.Tamilselvan, K.Tamilarasu	Journal of Engineering Research & Technology (IJERT)	2019	Issue ISSN: 2278-0181		
13.	Identifying and Reforming of Contorted Fingerprints using SVM Classification Model	V.Vennila, S.Savitha, P. Raj Sangavi, P. Suguna, G. Sunandha, M. Suresh	International Journal of Engineering Research & Technology (IJERT)	March 2019	Special Issue ISSN: 2278-0181	-	7.86
14.	Cost Effective Resource Provisioning on Cloud for Dataset using TOF Planner Approach	S.Savitha, V.Vennila, R. Hema Chandrika, S. Indhu, S. Janani, S. Kamachi	International Journal of Engineering Research & Technology (IJERT)	March 2019	Special Issue ISSN: 2278-0181	-	7.86
	2019-2020						
15.	A Comparative Analysis using Machine Learning Approach for Sleep Apnea Disorder Mining	S.Savitha, K.Logeswaran, V.Ponmalar, B.Priyadharsini S.Sakthivel.	International Journal of Research and Advanced Development (IJRAD)	February 2020	ISSN: 2581-4451	-	1.02
16.	A Machine Learning Approach for Prevention of SQL Injection	Vennila V, Savitha S, Baby Anitha E, Panneerselvam D, Sandhya E	International Journal of Research and Advanced Development (IJRAD)	April 2020	Volume 4, Issue 1 ISSN: 2581-4451	-	-
	2020-2021						
17.	Automatic Detection of Diabetic Retinopathy in Retinal Images using Classification and Soft Computing Optimization Techniques	P. Nanthini, S. Savitha, V. Vennila , K. Kumaresan	World Journal of Engineering Research and Technology (WJERT)	June 2020	Vol. 6, Issue 4	-	-
18.	A Smart Access Control Method for Online Social Networks Based on Support Vector Machine	Vennila V, Savitha S, Rajiv Kannan A	International Journal of Recent Trends in Technology and Engineering (IJRTTE)	Sep-Oct-2020	Volume-I Issue-I	-	-
19.	A Survey on Personalized Market Basket	Mrs.S.Savitha, Anispremkoilra j P,	International Journal of Innovative	December 2020	Volume 8, Issue 12	-	-

S.No.	Title	Authors	Journal/Conference	Date	Details	Index	Impact
	Prediction using TARS Based Predictor	Dr.A.Rajiv Kannan, Dr.V.Vennila, Dr.V.Sharmila,	Research in Computer and Communication Engineering				
20.	Network Analysis Function Using Machine Learning	S. Savitha, M. Naveenprabu, A.Yukesh, V.Abishek, Dr.A. Rajivkannan, K. Logeswaran	Annals of R.S.C.B.,	08 March 2021	ISSN:1583-6258, Vol. 25, Issue 3, 2021, Pages. 8616 - 8621	Scopus Indexed	0.3
2021-2022							
21.	Personalized Market Basket Prediction	Mrs. S. Savitha, P. Anispremkoilraj, Dr.V. Sharmila, Dr.A. Rajiv Kannan, Dr.V. Vennila,	Turkish Online Journal of Qualitative Inquiry (TOJQI)	July 2021	Volume 12, Issue 3	Scopus	-
2023-2024							
22.	A novel technique based on mutual information weighted feature selection to predict chronic kidney disease	Savitha S Rajiv Kannan A	Journal of Intelligent & Fuzzy Systems	July 2023	DOI: 10.3233/JIFS-222401	Scopus Q2	2.0

Summary:

	National Level		International Level	
	Journal(s)	**Conference(s)**	**Journal(s)**	**Conference(s)**
At KSRCE	-	02	3	-
At others colleges	-	04	19	15

08. Details of Winter/Summer Schools Attended (all faculty enrichment programme): (FDP)

S.No.	Name of the programme	Organized by	Date & Duration
1.	Faculty Development programme – Instructional Design and Delivery	K.S.R. College of Engineering	17.08.2009- 22.08.2009 & 6 days
2.	Staff Development Programme – Research Initiatives in Data Mining for Web Intelligence	K.S.R. College of Engineering	22.06.2012 -03.07.2012 & 12 days
3.	Faculty Development Programme on "Security Issues in Utility Computing"	K.S.R. College of Engineering	17.05.2013 – 30.05.2013 & 12 days

4.	Introduction to Design of algorithms	K.S.Rangasamy college of Technology	25.5.15 to 30.5.15 & 6 days
5.	IT 6602 – Software Architectures	K.S.R. College of Engineering	02.12.2015 – 08.12.2016 & 7 days
6.	EC-6802 Wireless Networks	Velalar College of Engineering	5.12.2017, 09.12.2017 to 14.12.2017 & 7 days
7.	CS6301-Programming and Data Structures II	Excel Engineering College	28.05.2017 – 03.06.2017 & 7 days
8.	NPTEL Course – Introduction to Programming in C	IIT-Kanpur	Jul-Sep 2017 & 8 Weeks
9.	NPTEL Course – Introduction to Internet of Things	IIT-Kharagpur & AICTE	Jul-Oct 2018 & 12 Weeks
10.	Theory of Computation	Vivekananda College of Engineering and Technology	20.11.2018 - 31.12.2018 & 15 days
11.	NPTEL Course – Joy of Computing using Python	IIT- Madras & AICTE	Jan-Apr 2019 & 12 Weeks
12.	Internet of Things (IoT)	Government College of Engineering, Srirangam.	04-11-2019 to 08-11-2019 & 5 Days
13.	Internet of Things – Vision, Architecture, Building Applications and Research Challenges	Kongu Engineering College	18-11-2019 to 01-12-2019 & 14 Days
14.	NBA Accreditation	National Institute of Technical Teachers Training and Research, Kolkata	22.04.2019 – 26.04.2019 & 1 Week
15.	Internet of Things (IoT)	Government College of Engineering, Srirangam.	04-11-2019 to 08-11-2019 & 5 Days
16.	Internet of Things – Vision, Architecture, Building Applications and Research Challenges	Kongu Engineering College	18-11-2019 to 01-12-2019 & 14 Days
17.	Neural Networks and CNN	Curriculum Development Centre Department NITTTR, Chandigarh	11-05-2020 to 15-05-2020 & 5 Days
18.	Data Analytics using Python	Computer Science and Engineering Department NITTTR, Chandigarh	18-05-2020 to 22-05-2020 & 5 Days
19.	AICTE ATAL sponsored FDP on Artificial Intelligence	Velalar College of Engineering and Technology	24.08.2020 to 28.08.2020
20.	AICTE ATAL sponsored FDP on Data Science	Institute of Road and Transport Technology	02.11.2020 to 06.11.2020
21.	Contemporary Research Issues and Challenges in Advanced Intelligent Video Surveillance with Deep Learning Techniques	Muthayammal Engineering College	02.12.2020 to 15.12.2020 & 12 Days
22.	Challenges and Opportunities of Data Science in Smart Healthcare: Turning Data into Clinical	K.S.Rangasamy College of Technology	16.05.2021 to 29.05.2021 & 12 Days

		Intelligence		
23.	AICTE ATAL sponsored FDP on Data Analytics and Machine Learning Using Python	School of Information Technology, Rajiv Gandhi Proudyogiki Vishwavidyalaya.	12.07.2021 to 16.07.2021 & 5 Days	
24.	AICTE ATAL sponsored FDP on Role of Block Chain Technology in India – An insight into public sector	Institute of Road and Transport Technology	22.11.2021 to 26.11.2021 & 5 Days	
25.	Recent Advancements and Applications of Data Science	Paavai Engineering College(Autonomous)	27.06.2022 to 02.07.2022 & 5 Days	
26.	Advanced Problem Solving Skills through Competitive Coding Platforms	Training Cell, Kongu Engineering College inn association with Talentio Academy, Hyderabad.	09.02.2023 to 11.02.2023 & 3 Days	
27.	Data Mining	Indian Institute of Technology, Kharagpur	January – March 2023	
28.	Full Stack Development	Kamaraj College of Engineering & Technology, Virudhunagar	11.07.2023 to 15.07.2023 & 5 Days	
29.	Emerging Trends in Machine Learning	Vardhaman College of Engineering, Hyderabad	17.07.2023 to 21.07.2023 & 5 Days	
30.	Frontiers in Multidisciplinary Research	Galgotia University, Delhi.	16.08.2023 to 22.08.2023 & 7 Days	
31.	Empowering Educators: Navigating Recent Trends	Sathyabama Institute of science and Technology (deemed To be university)	25.09.2023 to 30.09.2023 & 5 Days	
32.	Industrial IOT	Indian Institute of Technology, Kharagpur	July – October 2023	
33.	Modern Research Convergence in Next Generation Computing	Sri Krishna College of Engineering & Technology	18.12.2023 – 22.12.2023 & 5 Days	
34.	Cloud Computing	Indian Institute of Technology, Kharagpur	January – April 2024 &12 Weeks	
35.	Object Oriented Programming in C++	Udemy	April 2024	
36.	Artificial Intelligence (AI)	SkillDzire in collaboration with AICTE	June 2024 & 1 Month	

09. Details of Workshops/ Seminars Attended:

S. No	Name of the programme	Organized by	Date & Duration
1.	Virtual Private Network	K.S.R.College of Engineering	03.01.2009 & 1 day
2.	Recent trends in Information Security	K.S.Rangasamy College of Technology	31.1.2009 & 1 day
3.	Advancements in Digital Signal and Image Processing	K.S.R.College of Engineering	03.02.2009 & 1 day

4.	Graphical system design in Engineering Education	K.S.Rangasamy College of Technology	26.02.2009 & 1 day
5.	Mobile Computing	K.S.Rangasamy College of Technology	20.4.2009 to 25.4.2009 6 Days
6.	Awareness of Solid waste management	K.S.R. College of Engineering	21.10.2009 & 1 day
7.	Data ware housing, Data mining Techniques and Tools	VIT University	08.01.2010 - 09.01.2010 & 2 days
8.	A Wireless Sensor Network for the Surveillance of Nuclear Radiation	K.S.R. College of Engineering	18.06.2012 – 19.06.2012 & 2 days
9.	A Quest for Journal and Thesis Writing	Nandha Engineering College	06.07.2012 & 1 day
10.	Big data and cloud computing for Bioinformatics Applications	Kongu Engineering College	09.01.15 to 10.01.15 & 2 days
11.	Building and Management of e-Resources : Issues and challenges	K.S.R. Institute for Engineering and Technology	06.02.15 & 1day
12.	Hands on training programme on Cloud computing using Microsoft Azure	K.S.R. College of Engineering	7.3.15 & 1 day
13.	Writing research papers, plagiarism, citation analysis	K.S.Rangasamy college of Technology	26.6.15 & 1day
14.	Fine-tuning Presentation	K.S.R. College of Engineering	24.8.15& 1 day
15.	Emerging tools to analyze brain waves for Artificial Limb Technology	K.S.R. College of Engineering	6.11.15 – 7.11.15 & 2 Days
16.	Research Performance analysis and Strategy	Bharathiyar University	18.02.16 & 1 Day
17.	Women Related Laws	Nandha Engineering College	10.3.16 - 11.3.16 & 2 days
18.	Safety Analysis of Nuclear Power Plant using Computational and Fuzzy Techniques	K.S.R. College of Engineering	3.5.16 - 4.5.16 & 2 days
19.	Data Science: Scope of Big Data in Genomic Sequencing and Diagnostic Imaging	Kongu Engineering College	19.03.16 & 1 Day
20.	Climate-smart Agriculture: Multi-Disciplinary Approaches using IoT,Cloud and Big Data	Kongu Engineering College	17.12.16 & 1 Day
21.	NPTEL	K.S.R. College of Engineering	11.1.17 & 1 Day
22.	Soft Computing Techniques	K.S.R. College of Engineering	10.2.17 & 1 Day
23.	Emerging trends in Interfacing of Medical Equipment and EMR using Cloud Technology	K S R Institute for Engineering and Technology	15.02.2017, 16.02.2017 & 2 Days
24.	UI technologies	Infosys Campus Connect @ K.S.R. CE	29.03.2017 to 31.03.2017 & 3 days
25.	Recent Trends in IoT for Smart Environment	Vidhyaa Vikas College of Engineering and Technology	08.09.2017 & 1 Day

26.	Effects on Environment and Human Health Due to E-Waste	Velalar College of Engineering and Technology (Autonomous)	22.02.2018 – 23.02.2018 & 2 days
27.	Writing Successful Proposal to Funding Agencies	K S R Institute for Engineering and Technology	31.08.2018 & 1 Day
28.	Human Rights	K.S.R. College of Engineering	31.10.2018 & 1 Day
29.	National Finite Element Developers' / Users' meet 2018	Panimalar Engineering College	14.12.2018 & 1 Day
30.	How to Access e-Recourses	K.S.R. College of Engineering	23.01.2019 & 1 Day
31.	Data Science Technologies	Paavai Engineering College	23.11.2020 to 28.11.2020 & 6 Days
32.	Current Trends in Machine Learning and Medical Imaging Approaches in Health	Kongu Engineering College	21.07.2022 & 22.07.2022 & 2 Days
33.	Perspective of Probabilistic Model Construction and Bayesian Depp Learning	Kongu Engineering College	18.10.2022 & 19.10.2022 & 2 Days

10. Details of Winter/Summer Schools/Workshops/Seminars organized:

S. No	Name of the programme	Sponsored by	Acted as	Duration	Convener
1.	A National Level Workshop Android APPS Development	-	Coordinator	29.09.2015-One day	Dr. A.Rajiv Kananan
2.	National Level Seminar on Impact of Green Computing for Minimizing E-Waste on Human Health	ICMR	Coordinator	03.07.2018 -04.07.2018 & 2 days	Dr. A. Rajiv Kananan, Dr. N.S. Nithya
3.	Recent Trends in Information, Communication and Computing Technologies	In association with Tamilnadu College Events	Coordinator	10.03.2019 & 1 Day	Dr. A. Rajiv Kananan, Dr. V. Sharmila
4.	Power of Visual Learning	ISTE	Coordinator	16.03.2019 & 1 Day	Dr. A. Rajiv Kananan, Dr. V. Sharmila
5.	Intelligent Objects & Technologies for Building Applications on Data Science with Machine Learning Technologies using Internet of Things	AICTE	Coordinator	08.03.2021 – 21.03.2021 & 12 Days	Dr. A. Rajivkannan, Dr. V.Sharmila
6.	Introduction to Machine Learning	FECTRA	Coordinator	29.03.2021 & 1 Day	Dr. A. Rajivkannan, Dr. V.Sharmila
7.	Knowledge Sharing: Emerging Trends in IT Industry	FECTRA	Coordinator	20.05.2021, 21.05.2021 & 2 Days	Dr. A. Rajivkannan, Dr. V.Sharmila

8.	Internet of Things (IoT) for Engineering Studies	FECTRA	Coordinator	04.06.2021 & 1 Day	Dr. A. Rajivkannan, Dr. V.Sharmila
9.	Scopus Indexing 2nd International Conference on Challenges in Information, Communication and Computing technology (ICCICCT-2024)	In association with Taylor & Francis	Organizing Chair	26.04.2024 & 27.04.2024	Dr. A. Rajivkannan, Dr. V.Sharmila, Dr. V. Vennila

11. Details of Monographs & Books:

Sl. No.	Title	Name of the author(s)	Publisher Name	ISBN Number	Year of publication
1.	Networks and Security	S. Savitha, K.A.Karthick, T.Divya	Charulatha Publications	978-93-5577-711-9	September 2023
2.	Algorithm Analysis	Dr. G.K. Kamalam, S. Savitha, P. Vanitha	Akinik Publications	978-93-5570-809-0	2023

12. Detail of Book Chapter:

S. No.	Title of the Chapter published	Name of the author(s)	Title of the proceedings	Name of the Publisher	Year and month of publication	ISBN of the Book / Conference Proceeding	Scopus Indexed	DOI
1.	Exploration of Assorted Modernizations in Forecasting Renewable Energy Using Low Power Wireless Technologies for IoTSG	K. Logeswaran, S. Savitha, P. Suresh, A.P. Ponselvakumar, K. Sentamilselvan, N. Adhithyaa	Smart Grids and Internet of Things: An Energy Perspective	Wiley	April 2023	ISBN:9781119812449 Online ISBN:9781119812524	Scopus Indexed	https://doi.org/10.1002/9781119812524.ch6
2.	Harnessing the Synergy of Internet of Things, Big Data, Augmented Reality/Virtual Reality, and Blockchain Technologies	K. Logeswaran, S. Savitha, P. Suresh, K.R. Prasanna Kumar, M. Gunasekar, R. Rajadevi, M.K. Dharani, A.S. Jayasurya	Unifying Technologies in Industry 4.0	Wiley	April 2024	ISBN: 9781394216147 Print ISBN: 9781394216116	Scopus Indexed	https://doi.org/10.1002/9781394216147.ch7
3.	Emerging Technologies in Drug Discovery for Providing Efficient Services to Patients: Future Opportunities and Challenges	S. Savitha, V. Hemamalini, M. Jeyaselvi, Amit Kumar Tyagi	Converging Pharmacy Science and Engineering in Computational Drug Discovery	IGI Global	May 2024	ISBN13: 9798369328972 EISBN13: 9798369328989	Scopus Indexed	DOI: 10.4018/979-8-3693-2897-2.ch009

13. Details of Guest Lecturer / Resource Person / Session Chair inside and outside the college:
(FDP / Training / Workshop / Seminar / Conference)

Sl. No	Name of the Programme	Organized by	Date & Duration

1.	National Level Seminar on Impact of Green Computing for Minimizing E-Waste on Human Health	K.S.R. College of Engineering Sponsored by ICMR, Tiruchengode.	03.07.2018 -04.07.2018 & 2 days
2.	OOPS with python programming in AI	Narasu's Sarathy Institute of Technology, Salem.	24.02.2023 & 1 Day
3.	Process Design and Development using Design Thinking	K.S.R. College of Arts and Science for Women Organized by Institution's Innovation Council (IIC), Tiruchengode.	27.03.2024 & 1 Day

14. Area of Interest :

Research (Ph.D)	Degree (PG)	Degree (UG)	Experience
Data Mining, Machine Learning, Deep Learning	Grid Computing	Computer Networks	Design and Analysis of Algorithms, Software Engineering, Database Management Systems

15. Professional Membership : ISTE & IGEN GREEN9ENSAV CLUB

16. Details of the Patent Publication / Design Grant:

S. No.	Applicant's Name	Inventor's Name	Title	Design No & Patent Granted Date	Status (Granted / Published / Filed)	Country
2023-2024						
1.	Dr. Dhananjay Vasant Khankal Gaurav Sandeep Dave Dr. Prabhat Ranjan S. Savitha K. Logeswaran	-	AI Based Mechanical Aortic Heart Valve	397087-001 & 09/10/2023	Granted	India
2.	Dr. Naga Raju Hari Manikyam Dr. M. Thangamani Dr. Nalini Kanta Sahoo S. Savitha	-	Novel Presymptomatic Breast Cancer Detection Device	397731-001 & 17/10/2023	Granted	India

17. Awards and Recognition:

- Recognized as NPTEL Discipline Star during July-December 2023.
- Acted as a Reviewer in International Conference on Sustainable Goals in Materials, Energy, and Environment held at Mangalam College of Engineering, Kottayam, Kerala, India during 02 – 03rd, MAY 2024.

18. Details of the Subjects Handled (in KSRCE):

S.No	Academic Year	Sem	Name of the Subject	Class	% of Pass
1.	2008-2009	EVEN	Design and Analysis of Algorithms	II IT	95%
2.	2009-2010	ODD	Mobile Computing	IV IT	100%
		EVEN	Software Engineering & Quality Assurance	II IT	96%
3.	2012-2013	ODD	Design and Analysis of Algorithms	II IT	95%
		EVEN	Enterprise Computing	III IT	92%
			Mobile Computing	I Mtech IT	100%
4.	2013-2014	ODD	Software Testing	IV IT	97.14%
5.	2014-2015	ODD	Fundamentals of Computing and Programming	I CSE B	94.87%
				I CSE C	94.87%
		EVEN	Software Engineering	II CSE B	100%
6.	2015-2016	ODD	Cryptography & Network Security	IV CSE A	98%
				IV CSE B	96.5%
		EVEN	Green Computing	IV CSE A	97.8%
			Object Oriented Software Engineering	I ME CSE	100%
7.	2016-2017	ODD	Computer Organization and Architecture	II CSE B	91.67%
			Soft Computing	II ME CSE	100%
		EVEN	Software Engineering	II CSE B	98.2%
			Service Oriented Architecture	IV CSE ELECTIVE	98%
8.	2017-2018	ODD	Computer Architecture	II CSE A	90.38%
				II CSE B	96.36%
		EVEN	Database Management Systems	II CSE A	75.17%
				II CSE B	95.65%
9.	2018-2019	ODD	Professional Ethics	IV CSE A	94.44%
			Cryptography & Network Security	IV CSE C	96.07%
		EVEN	Database Management Systems	II CSE B	93.18%
			Service Oriented Architecture	IV CSE (ELECTIVE)	100%
10.	2019-2020	ODD	Cryptography & Network Security	IV CSE A	100%
				IV CSE B	88.46%
		EVEN	Software Engineering	II CSE A	100%
				II CSE B	100%
11.	2020-2021	ODD	Database Management Systems	II CSE A	93.48%
			Cryptography & Network Security	IV CSE A	100%
		EVEN	Design and Analysis of Algorithms	II CSE A	100%
				II CSE A	100%
12.	2021-2022	ODD	Cryptography & Network Security	IV CSE A	100%
			Database Management Systems	III CSE B	100%
		EVEN	Database Management Systems	II CSE B	98%
			Software Testing	III CSE B	100%
13.	2023-2024	ODD	Software Engineering	II CSE B	100%
			Graphics and Multimedia	IV CSE A	94%

| | | EVEN | Software Testing | IV CSE A | -- |
| | | | | IV CSE B | -- |

19. Additional Responsibilities:

a. College Level

S.No.	Details of Work	Work allotted by	Duration
1.	Sports Committee	Principal	June 2009 to June 2013
2.	Annual Day - Certificate Committee	Principal	Till Date
3.	IIIC SPOC for CSE	HOD	July 2024 to Till Date

b. Department Level

S.No.	Details of Work	Work allotted by	Duration
1.	Class Advisor	HOD	July 2023 to Till Date
2.	Student Academic & Sports Excellence	HOD	July 2023 to Till Date
3.	Department R&D Cell Member	HOD	July 2023 to June 2024
4.	Department AICTE, Anna University Website updation In-charge	HOD	August 2018 to 2022
5.	Class Advisor	HOD	July 2015 to 2022
6.	Department Meeting Minutes In-Charge	HOD	August 2014 to 2022
7.	Class Advisor	HOD	01.12.2008 to 03.10.2013
8.	Department Library In-Charge	HOD	March 2009 to October 2013
9.	Department Circular In-Charge	HOD	June 2011 to October 2013
10.	Department Time Table Coordinator	HOD	May 2011 to August 2012

20. Self-Appraisal

Major Strengths

1. I am flexible in nature and a team worker.
2. Smart worker
3. Positive attitude towards work.

Major Weaknesses:

1. Calm
2. Easy to believe
3. Straight Forwardness

(S.Savitha)