01. **Name** : V.Vennila

02. **Designation** : Professor

03. **Date of Birth** : 13.07.1982

04. **Date of Joining** : 02.06.2008

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.,	ICE	Anna University of Technology, Coimbatore.	Anna University, Chennai	2012	2017	-
2.	M..E	CSE	K.S.Rangasamy College of Technology.	Anna University, Chennai	2006	2008	I & 85%
3.	B.E	IT	Mahendra Engineering College	Periyar University, Salem	2000	2004	I & 80%

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	02.06.2008	30.06.2009
2.	K.S.R. College of Engineering	Assistant Professor	Teaching	01.07.2009	30.06.2019
3.	K.S.R. College of Engineering	Associate Professor	Teaching	01.07.2019	30.06.2022
4.	K.S.R. College of Engineering	Professor	Teaching	01.07.2022	Till date
Total year of Experience(s)				**16.1**	

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
2007-2008						
1.	Restricting Consequences in	V.Vennila & A.Gnanabaskaran	National Conference on Computational	January 4, 2008.	-	-

			Systems and Information Security			
2.	Scalable Constraint on Association Rule Preservation	V.Vennila & A.Gnanabaskaran	National Conference and Workshop on Soft and Intelligent Computing	January 23-25, 2008.	-	-
3.	Hiding Association Rule Mining with restricting Consequences	V.Vennila & A.Gnanabaskaran	National Conference on Software Engineering and Applications	January 30-31, 2008		
2009-2010						
4.	Detecting the Data Leakage Using Fake Objects	V.Vennila	National Conference on Automation, Computing, Communication And Control Systems (NCAC'S 2010)	April 1&2, 2010	-	-
2011-2012						
5.	Access Control and Key Management Scheme of CA based on Mobile Agent	V.Vennila	Seventh National Conference on Recent Trends in Advanced Computing	October 03, 2011	-	-
6.	Hybrid Temporal Sequential Pattern Mining Scheme for Mobile	V.Vennila	National Conference on Innovations in Computers Information & Communications	March 17, 2012	-	-
2013-2014						
7.	An Efficient Content Based Classification of OSN Walls using to Filter and Remove the Unwanted Messages	R.Sandhiya, M.Sowntharya, V.Vidhya, K.Ravi Kumar & V.Vennila	National Conference on Knowledge Based Scientific Research and Communication Engineering	March 15, 2014	-	-
2018-2019						
8.	Identity-based Auditing for Electronic Medical Record Systems with Cloud Computing	Vennila .V, Darshan .B, Jesshwanth S. Joshua, Karthikeyan .T, Kavibarati .R,	National Conference on Recent Trends in Information, Communication and Computing Technology	March 10,2019	-	-
9.	Identifying and Reforming of Contorted Fingerprints using SVM Classification Model	Vennila. V, P. Raj Sangavi, P. Suguna, G. Sunandha, M. Suresh	National Conference on Recent Trends in Information, Communication and Computing Technology	March 10,2019	-	-

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
10.	Detecting stress level using EEG signals using ML	V. Vennila	National Conference on Emerging trends in Information Technology, Computer Science and Engineering and Cyber Security - NCETICC'2	October 5, 2022	-	-

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
2007-2008						
1.	Scalable Constraint on Association Rule Preservation	V.Vennila, A.Gnanabaskaran & B.G.Geetha	International Conference on Advances in Computing(ICAC2008)	February 21-22, 2008	-	-
2010-2011						
2.	Intelligent Vehicle Theft Prevention and Location Finding System Using Face Detection Based on Image Processing	V.Vennila	International Conference on Advances in Engineering and Technology(ICART-2011)	May 27&28, 2011	-	-
2011-2012						
3.	Intrusion Detection In Mobile Ad Hoc Networks	M.Shankar & V.Vennila	International Conference on Advanced Technology(ICACT-2012)	March 9&10, 2012	-	
2014-2015						
4.	An Improved Data Linkage Technique Based on Clustering Tree for Decision Making	T.Sathya & V.Vennila	International Conference on Synergistic and Evolutions in Engineering(ICSEE '2015)	March 4&5, 2015	-	-
2015-2016						
5.	Multiproduct Ranking through I Bayes Approach	D.Vidhya, G.Sivaselvan & V.Vennila	First International Conference on Emerging Trends in Science, Engineering and Technology	March 4&5, 2016	-	-
6.	Information Retrieval and Recommendation	A.Saranya, V.Vennila & G.Sivaselvan	First International Conference on Emerging Trends in	March 4&5, 2016	-	-

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
	Framework using Document Models		Science, Engineering and Technology				
	2017-2018						
7.	Finding Malicious Web Page in Mobile	Dr.V.Vennila, Mr.G.SivaSelvan, M.S.Santhiya, G.Soundarya, I.Umamaheswari, M.Vaijayanthi	International Conference on Recent Innovations in Engineering Technology and Management	March 23,2018	-	-	
8.	Applying Data Mining Techniques in Cyber Crimes	Mr. G .Sivaselvan, Dr.V.Vennila, R.Senbagavalli, E.Shanmugapriya, K.Umadevi, S.Suganthi	International Conference on Recent Innovations in Engineering Technology and Management	March 23,2018	-	-	
	2019-2020						
9.	Forthy Disturbance Intrusion detection using SDN Environment	V. Vennila R. Latha	AICTE Sponsored International Conference on data Science and Big Data Analytics for Sustainability	February 22, 2020	-	-	
10.	Profit Maximization and Workload Consolidation Datacenter in Cloud	E. Baby Anitha V. Vennila	AICTE Sponsored International Conference on data Science and Big Data Analytics for Sustainability	February 22, 2020	-	-	
	2020-2021						
11.	Prevention of SQL Injection Attack using Unsupervised Machine Learning Approach	V. Vennila	International Conference on Artificial Intelligence & Smart Computing (ICAISC)	October 15-17, 2020	-	-	

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
	2012-2013						

1.	Relay Selection for Secure Co-Operative Networks with Jamming	Lakshmipraba.K, Nithya Devi.S, Praveen.P, Suresh Kumar.M, & V.Vennila	International Journal of Computer Science and Mobile Computing	April 2013	Vol. 2, Issue. 4 ISSN 2320–088X	-	-
2013-2014							
2.	Privacy Preservation Using Discrimination Prevention Methods in Data Mining	Neenu Mary Kuruvila & V.Vennila	International Journal of Advanced Research in Computer Science and Software Engineering	December 2013	ISSN:22 77 Volume 3,Issue 12	-	-
3.	Indirect Discrimination Prevention is a Method for Providing Confidentiality in Data Mining	Neenu Mary Kuruvila & V.Vennila	Int.J.Computer Technology & Applications (IJCTA)	March-April 2014	ISSN:22 29-6093	-	-
2014-2015							
4.	Adaptive Dynamic Connectivity Hole Load-Balancing Geographic Routing in Wireless Sensor Network	R.Mohanapriya & V.Vennila	International Journal for Scientific Research & Development	February 2015	Vol. 2 Issue 12, ISSN(online):2321-0613	-	-
5.	Enhanced Record Linkage Technique for Decision Making by Tree Construction	T.Sathya & V.Vennila	International Journal for Scientific Research & Development	February 2015	Vol. 2 Issue 12, ISSN(online):2321-0613	-	-
6.	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:23 19-7242	-	-
7.	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:22 78-1323	-	-

			2015-2016				
8.	Techniques of Opinion Mining and Sentiment Analysis: A Survey	D.Vidhya, G.Sivaselvan & V.Vennila	International Journal of Communication and Computer Technologies	6-September-2015	Volume 3, Issue 18 ISSN:2278-9723	-	-
9.	A Survey on Topic Modelling in Text Mining	A.Saranya, V.Vennila, S.Suganya& G.S.Rizwana Banu	International Journal for Scientific Research & Development	September 2015	Volume 3, Issue 7	-	-
10.	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	-	-
11.	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	-	-
12.	Multiproduct Ranking through Naïve Bayes Approach	D.Vidhya, G.Sivaselvan & V.Vennila	South Asian Journal of Engineering and Technology	March 2016	Vol.2, No.15(2016)	-	-
13.	Information Retrieval and Recommendation Framework using Document Models	A.Saranya, V.Vennila & G.Sivaselvan	South Asian Journal of Engineering and Technology	March 2016	Vol.2, No.15(2016)	-	-
			2016-2017				
14.	Symmetric Matrix-based Predictive Classifier for Big Data computation and information sharing in Cloud	V.Vennila & Dr. A. Rajiv Kannan	Computers and Electrical Engineering (Q1, UGC Care, Scopus)	December 2016	Vol. 56	SNIP:1.164 SJR:0.565	1.084
15.	Discretized Support Vector Prediction Classifier for Big Data Computation	V.Vennila & Dr. A. Rajiv Kannan	Asian Journal of Research in Social Sciences and Humanities	February 2017	Vol. 7, No. 2 ISSN 2249-7315	-	-

		and Information Sharing in Cloud					
		2017-2018					
16.	Finding Malicious Web Page in Mobile	Dr.V.Vennila, Mr.G.SivaSelvan, M.S.Santhiya, G.Soundarya, I.Umamaheswari, M.Vaijayanthi	International Journal of Intellectual Advancements and Research in Engineering Computations (IJIAREC)	April 2018	Vol. 6, No.2 ISSN 1721-1725	-	4.2
17.	Applying Data Mining Techniques in Cyber Crimes	Mr. G.Sivaselvan, Dr.V.Vennila, R.Senbagavalli, E.Shanmugapriya, K.Umadevi, S.Suganthi	International Journal of Intellectual Advancements and Research in Engineering Computations (IJIAREC)	April 2018	Vol. 6, No.2 ISSN 1721-1725	-	4.2
		2018-2019					
18.	Hybrid Parallel Linguistic Fuzzy Rules with Canopy MapReduce for Big Data Classification in Cloud	V.Vennila & Dr. A. Rajiv Kannan	International Journal of Fuzzy Systems (IJFS) (Q2, UGC Care, Scopus)	January 2019	Vol. 21, No. 3 ISSN 1562-2479 https://doi.org/10.1007/s40815-018-0597-x	SNIP:1.014 SJR:0.47	2.396 h-index-58
19.	Identity-based Auditing for Electronic Medical Record Systems with Cloud Computing	Vennila .V, Sivaselvam .G, Darshan .B, Jesshwanth S. Joshua, Karthikeyan .T, Kavibarati .R,	International Journal of Engineering Research & Technology (IJERT)	March 2019	Special Issue ISSN: 2278-0181	-	7.86
20.	Rock Burst and Slope Stability Prediction using Classification Analytical Model	Sivaselvam .G, Vennila .V, Rasiga Priya, S. Susmitha, P. Thilak Pandiyan, M. Udhaya Kumar	International Journal of Engineering Research & Technology (IJERT)	March 2019	Special Issue ISSN: 2278-0181	-	7.86
21	Identifying and Reforming of Contorted Fingerprints using SVM Classification Model	Vennila. V, Savitha. S, 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
22	Cost Effective Resource	Savitha. S, Vennila. V,	International Journal of	March 2019	Special Issue	-	7.86

	Provisioning on Cloud for Dataset using TOF Planner Approach	R. Hemachandrika, S. Indhu, S. Janani, S. Kamachi	Engineering Research & Technology (IJERT)		ISSN: 2278-0181		
2019-2020							
23	Forthy Disturbance Finding Method for Internet of Things	Dr. V. Vennila, S. Kavin Naveen, M. Gokula Kannan, K. Nagarjun	International Journal of Research and Advanced Development (IJRAD)	February 2020	Volume 3, Issue 6 ISSN: 2581-4451	-	-
24	Profit Maximization and Workload Consolidation Datacenter in Cloud	Baby Anitha E, VennilaV, Roopa Vathana B, Sathish B, Shalini J	International Journal of Research and Advanced Development (IJRAD)	April 2020	Volume 4, Issue 1 ISSN: 2581-4451	-	-
25	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	-	-
26	Recognizing and Refinement of Contorted Fingerprint Based on Various Unique Fingerprint Images	G. Padmapriya, M. Aruna, B. Arthi and V. Vennila	Advances in Intelligent Systems and Computing (Q4)	April 2020	ISBN 978-981-15-1084-7 (e-book) Volume 1034	-	h-Index - 58
2020-2021							
27	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	-	-
28	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	-	-

29	A Survey on Prediction of Building cost using k means++ Algorithm in Python Framework	Yogeshwari B, Dr.V.Sharmila, Dr.M.Somu, Dr.V.Vennila, Dr.J.Preetha	International Journal of Innovative Research in Computer and Communication Engineering	December 2020	Volume 8, Issue 12	-	-
30	A Survey on Personalized Market Basket Prediction using TARS Based Predictor	Anispremkoilraj P, Dr.A.Rajiv Kannan, Dr.V.Vennila, Dr.V.Sharmila, Mrs.S.Savitha	International Journal of Innovative Research in Computer and Communication Engineering	December 2020	Volume 8, Issue 12	-	-
31	A Novel Authentication Framework with Conditional Privacy Preservation and Non-Repudiation for Fog-Vanet	Dr.V. Sharmila, K. Jamuna, K. Jeevitha, I. Kalam, Dr.V. Vennila	Annals of the Romanian Society for Cell Biology	March 2021	Volume 25, Issue 3		0.3
32	Enhanced Deep Learning Assisted Convolutional Neural Network for Heart Disease Prediction	Dr.V. Vennila, T. Akillesh, S. Bharathi, C. Karthik, Dr.V.Sharmila	Annals of the Romanian Society for Cell Biology	March 2021	Volume 25, Issue 3		0.3
33	An Improved Secure Enabled Information Sharing on Hybrid Cloud	Dr.V. Sharmila, S. Poonguzhali, M. Srivani, P. Raghul, Dr.V. Vennila	Revista Geintec-Gestao Inovacao e Tecnologias	08 April, 2021	Volume 11, Issue 2	Google Scholar	SJIF 2020: 7.603
34	ECC Data Hide – Using Steganoraphy and Deep Neural Network	Dr.V. Vennila, L.I. Poomani, S. Thaaranya	Revista Geintec-Gestao Inovacao e Tecnologias	08 April, 2021	Volume 11, Issue 2	Google Scholar	SJIF 2020: 7.603
2021-2022							
35	Classifying Group of Building Data and Predicting the Cost Using K Means++ Algorithm in Python Framework	B. Yogeshwari , Dr.V. Sharmila, Dr.M. Somu, Dr.V. Vennila	Turkish Online Journal of Qualitative Inquiry (TOJQI)	July 2021	Volume 12, Issue 3	Scopus	-

#	Title	Authors	Journal	Date	Volume/Issue	Indexing	Impact
36	Personalized Market Basket Prediction	P. Anispremkoilraj, Dr.V. Sharmila, Dr.A. Rajiv Kannan, Dr.V. Vennila, Mrs. S. Savitha	Turkish Online Journal of Qualitative Inquiry (TOJQI)	July 2021	Volume 12, Issue 3	Scopus	-
37	Prevention of Sql Injection Attack Using Unsupervised Machine Learning Approach	M.N.Kavitha, V. Vennila, G.Padmapriya, A. Rajiv Kannan	International Journal of Aquatic Science (UGC Care)	August 2021	Vol 12, Issue 03	Web of Science	-
38	Secure Data Sharing with Confidentiality, Integrity and Access Control in Cloud Environment	V. Rajkumar, M. Prakash, V. Vennila	Computer Systems Science & Engineering (Q3 UGC Care Scopus)	September 2021	Vol 40, Issue 2 DOI:10.32604/csse.2022.019622	Web of Science, Scopus	Impact Factor: 1.486, SNIP:0.382 h-index 28
39	Deep Learning Model to Detect COVID-19 Social Distances	K. Leelavathi, V. Sharmila, M. Somu, V. Vennila	International Journal of Research in Engineering, Science and Management	November 2021	Volume 4, Issue 11	-	-
2022-2023							
40	Leukemia Detection Using Invariant Structural Cascade Segmentation Based on Deep Vectorized Scaling Neural Network	A. Arthi, V. Vennila & U. Arun Kumar	Cybernetics and Systems An International Journal (Q3, UGC Care, Scopus)	March 2023	DOI: 10.1080/01969722.2023.2177798	SCI, Scopus, Web of Science, UGC Care	Impact Factor: 1.859 h-index 43
2023-2024							
	BGNBA-OCO based privacy preserving attribute based access control with data duplication for secure storage in cloud	M. Pavithra, M. Prakash, V. Vennila	Journal of Cloud Computing	05 January, 2024	Volume 13, Issue 8 https://doi.org/10.1186/s13677-023-00544-1	SCI, Scopus, Web of Science, UGC Care	Impact Factor 1.711 & H-Index: 38

Summary:

	National Level		International Level	
	Journal(s)	**Conference(s)**	**Journal(s)**	**Conference(s)**

At KSRCE	-	7	41	10
At others colleges	-	3	-	1

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	08.09.2008 – 13.09.2008 & 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.	Staff Development Programme on "Recent Advances in Pattern Recognition- Artificial Intelligence Models and Analysis in Biometrics"	K.S.Rangasamy College of Technology	25.03.2013 – 06.04.2013 & 12 days
4.	Faculty Development Programme on "Security Issues in Utility Computing"	K.S.R. College of Engineering	17.05.2013 – 30.05.2013 & 12 days
5.	Workshop on Introduction to Design of Algorithms	K.S.Rangasamy College of Technology	25.05.2015 – 30.05.2015 & 6 days
6.	IT 6602 – Software Architectures	K.S.R. College of Engineering	02.12.2015 – 08.12.2016 & 7 days
7.	EC6802 – WIRELESS NETWORKS	Velalar College of Engineering and Technology (Autonomous)	05.12.2016 – 11.12.2016 & 7 days
8.	CS6301-Programming and Data Structures II	Excel Engineering College	28.05.2017 – 03.06.2017 & 7 days
9.	NPTEL Online Certification – Fundamentals of Database Systems	IIT-Kanpur	Jul-Sep 2017 & 8 Weeks
10.	NPTEL Online Certification – Data Mining	IIT-Kharagpur	Feb-Mar 2018 & 8 Weeks
11.	GE8151 – Problem Solving & Python Programming	Vidhyaa Vikas College of Engineering and Technology	01.06.2018 – 07.06.2018 & 7 days
12.	NPTEL Online Certification – Cloud Computing	IIT-Kharagpur	Aug-Sep 2018 & 8 Weeks
13.	Theory of Computation	Vivekananda College of Engineering and Technology	20.11.2018 – 31.12.2018 & 15 days
14.	NPTEL Online Certification – Introduction to Internet of Things	IIT-Kharagpur	Jan-Apr 2019 & 12 Weeks
15.	NBA Accreditation	National Institute of Technical Teachers Training and Research, Kolkata	22.04.2019 – 26.04.2019 & 1 Week
16.	Internet of Things (IoT)	Government College of Engineering, Srirangam.	04-11-2019 to 08-11-2019 & 5 Days
17.	Internet of Things – Vision, Architecture, Building Applications and Research	Kongu Engineering College	18-11-2019 to 01-12-2019 & 14 Days

		Challenges		
18.	Artificial Intelligence	MSME – Technology Development Centre (PPDC) Meerut	27-04-2020 to 01-05-2020 & 5 Days
19.	Data Sciences	MSME – Technology Development Centre (PPDC) Meerut	04-05-2020 to 08-05-2020 & 5 Days
20.	Neural Networks and CNN	Curriculum Development Centre Department NITTTR, Chandigarh	11-05-2020 to 15-05-2020 & 5 Days
21.	Data Analytics using Python	Computer Science and Engineering Department NITTTR, Chandigarh	18-05-2020 to 22-05-2020 & 5 Days
22.	Augmented Reality (AR)/ Virtual Reality (VR	University Institute of Engineering and Technology, Kurukshetra University, Kurukshetra	25-05-2020 to 29-05-2020 & 5 Days
23.	Block Chain	University Institute of Engineering and Technology, Kurukshetra University, Kurukshetra	15-06-2020 to 19-06-2020 & 5 Days
24.	Artificial Intelligence	Vellore Institute of Technology	21-09-2020 to 25-09-2020 & 5 Days
25.	Data Sciences	Institute of Road and Transport Technology	2-11-2020 to 6-11-2020 & 5 Days
26.	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
27.	Challenges and Opportunities of Data Science in Smart Healthcare: Turning Data into Clinical Intelligence	K.S.Rangasamy College of Technology	16.05.2021 to 29.05.2021 & 12 Days
28.	Data Analytics and Machine Learning Using Python	School of Information Technology, Rajiv Gandhi Proudyogiki Vishwavidyalaya	12.07.2021 to 16.07.2021 & 5 Days
29.	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
30.	Advanced Tools and Techniques for Best Research	RV Institute of Technology and Management	26.09.2022 - 30.09.2022 & 5 days
31.	NPTEL Online Certification – An Introduction to Artificial Intelligence	IIT-Madras	Jan – Apr 2023 & 12 weeks
32.	NPTEL – AICTE FDP - An Introduction to Artificial Intelligence	IIT-Madras	Jan – Apr 2023 & 12 weeks
33.	Current Trends in Engineering, Science and Technology	Sree Sakthi Engineering College, Karamadai	03.07.2023 to 08.07.2023 & 7 days
34.	International FDP on Data Science and Tools	SRM Institute of Science and Technology, Tiruchirappalli Campus	12.07.2023 to 01.08.2023 & 21 days

35.	NPTEL – AICTE FDP - Introduction to Industry 4.0 and Industrial Internet of Things	IIT - Kharagpur	Jul – Oct 2023 & 12 weeks
36.	NPTEL Online Certification – Introduction to Industry 4.0 and Industrial Internet of Things	IIT - Kharagpur	Jul – Oct 2023 & 12 weeks
37.	ATAL FDP on Cognitive Intelligence in Data Science	Muthayammal Engineering College	20.11.2023 to 25.11.2023 & 6 days

09. Details of Workshops/ Seminars Attended:

S. No	Name of the programme	Organized by	Date & Duration
1.	Virtual Private Network (VPN)	K.S.R. College of Engineering	03.01.2009 & 1 day
2.	Data mining for Biomedical Databases	Kongu Engineering College	27.01.2009 – 29.01.2009 & 3 days
3.	Graphical System Design in Engineering Education	K.S.Rangasamy college of Technology	26.02.2009 & 1 day
4.	QualNet	K.S.R. College of Engineering	24.03.2009 & 1 day
5.	Matlab – A Tool for Research	D.J.Academy for Management Excellence	25.07.2009 &1 day
6.	Wireless Networks	Vivekanandha College of Engineering for Women	28.08.2009 – 29.08.2009 &2 days
7.	Pattern Recognition and Data Mining with WEKA	Dr.Mahalingam College of Engineering & Technology	26.03.2011 &1 day
8.	Wipro – Mission10X	K.S.R. College of Engineering	31.05.2011 – 04.06.2011 &5 days
9.	Research Methods and Innovations	SRS College of Engineering & Technology	06.08.2011 &1 day
10.	Workshop on Hardware and Networking	K.S.R. College of Engineering	23.08.2011 – 25.08.2011 & 3 days
11.	New Challenges in Knowledge Based Discovery	Vivekanandha College of Engineering for Women	16.09.2011 – 17.09.2011 & 2 days
12.	Seminar on Free Software Movements in Education	K.S.Rangasamy College of Arts and Science	07.02.2012 & 1 day
13.	A Wireless Sensor Network for the Surveillance of Nuclear Radiation	K.S.R. College of Engineering	18.06.2012 – 19.06.2012 & 2 days
14.	LaTeX	K.S.R. College of Engineering	01.02.2014 & 1 day
15.	Writing Effective Research Paper(S) and Thesis	K.S.R. College of Engineering	19.07.2014 & 1 day
16.	Big Data and Cloud Computing for Bioinformatics Applications	Kongu Engineering College	09.01.2015 – 10.1.2015 & 2 Days
17.	Building and Management of e-Resources: Issues and Challenges	K S R Institute for Engineering and Technology	06.02.2015 & 1 Day
18.	Blooms Taxonomy and Its Assessments	K.S.R. College of Engineering	20.03.2015 & 1 Day
19.	Writing Research Papers, Plagiarisms and Citation Analysis	K.S.Rangasamy College of Technology	26.06.2015 & 1 day

20.	Infosys Campus Connect – Databases	National Engineering College, Kovilpatti.	02.11.2015 – 04.11.2015 & 3 Days
21.	Emerging Tools to Analyze Brain Waves for Artificial Limb Technology	K.S.R. College of Engineering	06.11.2015 – 07.11.2015 & 2 Days
22.	NCW sponsored Two days Legal Awareness Programme About Women Related Laws	Nandha Engineering College	10.03.2016 – 11.03.2016 & 2 days
23.	DBT Sponsored National Level Seminar on Data Science: Scope of Big Data in Genomic Sequencing and Diagnostic Imaging	Kongu Engineering College	19.03.2016 & 1 day
24.	Safety Analysis of Nuclear Power Plant using Computational and Fuzzy Techniques	K.S.R. College of Engineering	03.05.2016 – 04.05.2016 & 2 days
25.	Numerical Methods and Scientific Computing	K.S. Rangasamy College of Arts and Science	10.08.2016 – 12.08.2016 & 3 days
26.	Climate Smart Agriculture: Multi-Disciplinary Approaches	Kongu Engineering College	17.12.2016 & 1 day
27.	NPTEL Workshop	K.S.R. College of Engineering	11.03.2017 & 1 day
28.	Network Simulator-2	K.S.R. College of Engineering	02.02.2017 – 04.02.2017 & 3 days
29.	Infosys Campus Connect – UI Technologies	K.S.R. College of Engineering	29.03.2017 – 31.03.2017 & 3 days
30.	Recent Trends in IoT for Smart Environment	Vidhyaa Vikas College of Engineering and Technology	08.09.2017 & 1 day
31.	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
32.	Artificial Intelligence and Computational Biology	K.S. Rangasamy College of Arts and Science	26.03.2018-27.03.2018 & 2 days
33.	How to Write a successful Project Proposal to Funding Agencies	K.S.Rangasamy College of Technology	21.07.2018 & 1 day
34.	Writing Successful Proposal to Funding Agencies	K S R Institute for Engineering and Technology	31.08.2018 & 1 day
35.	Basic Training Programme on Human Rights	K.S.R. College of Engineering	31.10.2018 & 1 day
36.	How to Access e Recourses	K.S.R. College of Engineering	23.01.2019 & 1 day
37.	Application of Machine Learning and Artificial Intelligence in Research and Innovations	Regional College for Education Research & Technology, Jaipur	02.05.2023 to 06.05.2023 & 5 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.	A National Level Seminar Recent Trends in IT Industry	ISTE	Coordinator	17.04.2017	Dr. A.Rajiv Kananan
3.	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
4.	Recent Trends in Information, Communication and Computing Technologies	in Association with Tamilnadu College Events	Coordinator	10.03.2019 & 1 Day	Dr. A. Rajivkannan & Dr. V.Sharmila
5.	Power of Visual Learning	ISTE	Coordinator	16.03.2019 & 1 Day	Dr. A. Rajivkannan & Dr. V.Sharmila
6.	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
7.	Introduction to Machine Learning	FECTRA	Coordinator	29.03.2021 & 1 Day	Dr. A. Rajivkannan & Dr. V.Sharmila
8.	FDTP on "CS8651 - Internet Programming"	Anna University	Organizing Committee Member	21.02.2022 to 26.02.2022	--
9.	Cloud Computing and its Applications in AWS	-	Coordinator	14.09.2022 & 1 Day	Dr. A. Rajivkannan & Dr. V.Sharmila

| 10. | FDTP on "CS3491 - Artificial Intelligence and Machine Learning" | Anna University | Organizing Committee Member | 06.03.2023 to 11.03.2023 | -- |
| 11. | 2nd International Conference on "Challenges in Information, Communication and Computing Technology" (ICCICCT - 2024) | Scopus Indexing by Taylor & Francis | Convener | 26.04.2024 & 27.04.2024 | 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.	Machine Learning Techniques	Dr. A. Rajiv Kannan Dr. V. Sharmila Dr. V. Vennila	Charulatha Publications	978-93-5577-538-2	July 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.	A Modelling Analysis to Predict the Traffic using K-NN Algorithm	R. Narmatha, M. Prakash, V. Vennila	Artificial Intelligence, Blockchain, Computing and Security Volume 2; Proceedings of the International Conference on Artificial Intelligence, Blockchain, Computing and Security	CRC Press; Taylor & Francis	1.12.2023	eBook ISBN : 9781032684994	Scopus Indexed	https://doi.org/10.1201/9781032684994
2.	CryptoASCII - ASCII based cryptosystem for cloud data storage	M. Pavithra, M. Prakash, V. Vennila	Artificial Intelligence, Blockchain, Computing and Security Volume 2; Proceedings of the International Conference on Artificial Intelligence, Blockchain, Computing and Security	CRC Press; Taylor & Francis	1.12.2023	eBook ISBN : 9781032684994	Scopus Indexed	https://doi.org/10.1201/9781032684994
3.	Revolutionizing drug Discovery	V. Hemamalini, Amit Kumar	Converging Pharmacy	IGI Global	April 2024	ISBN13: 9798369328	Scopus Indexed	DOI: 10.4018/97

	With Cutting-Edge Technologies: Issue and Challenges for the Next Decade	Tyagi, V. Vennila, Shabnam Kumari	Science and Engineering in Computational Drug Discovery			972, ISBN13 Softcover: 9798369366349, EISBN13: 9798369328989		9-8-3693-2897-2.ch004
4.	Next-Gen Cryptography: The Role of Machine Learning Applications in Privacy Preservation for Sensitive Data	G. Padmapriya, V. Vennila, K. Anitha, N. Manikandan, M. Suresh Anand	Machine Learning and Cryptographic Solutions for Data Protection and Network Security	IGI Global	May 2024	ISBN13: 9798369341599, ISBN13 Softcover: 9798369349939, EISBN13: 9798369341605	Scopus Indexed	DOI: 10.4018/979-8-3693-4159-9.ch010

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.	Guest Lecture on "CS 2351- Artificial Intelligence"	M. P.Nachimuthu M.Jaganathan Engineering College	22.01.2015 & 1 Day
2.	Session Chair - National Conference titled on "Recent trends in Information, Communication and Computing Techniques (RTICCT'17)"	K.S.R. College of Engineering	22.04.2017 & 1 Day
3.	Recourse Person –"IT 6011 Knowledge Management"	Vidhyaa Vikas College of Engineering and Technology	07.12.2017 & 1 Day
4.	IT6702 – Data Warehousing and Data Mining	Vidhyaa Vikas College of Engineering and Technology	27.03.2018 & 1 Day
5.	Session Chair - International online Conference on Current Trends and Challenges in Health Care Informatics and Technology	K.S.R. College of Engineering	10.12.2020 & 11.12.2020 & 2 Days
6.	Guest Lecture on "Two Dimensional Graphics"	KGiSL Institute of Technology	13.03.2021 & 1 Day
7.	Acted as Jury for "Veettukku Oru Vingyani 2022	Vinayaga Mission College, Salem	07.12.2022& 1 day
8.	Session Chair – "ICAEECI 2023"	Dept. of EEE, KSRCE	19 - 20, October 2023

14. Area of Interest :

Research (Ph.D)	Degree (PG)	Degree (UG)	Experience
Data Mining	Data Mining	Database Management Systems	Artificial Intelligence & Database Management Systems

15. **Professional Membership : ISTE**

16. Anna University Supervisor Reco. No. : 3340069

17. List of Research Scholars pursuing Ph. D under Anna University, Chennai.

S. No.	Register No.	Name	Faculty	Year of Enrolment	Faculty	Area of Research	Status	Int./Ext.
1.	21144697130	Gowrisankar U	ICE	July 2021	ICE	Cloud Computing	Confirmation Completed	Ext.
2.	19224697234	Arthi A	ICE	July 2019	ICE	Machine Learning	Confirmation Completed	Ext.
3.	18244697227	Narmatha R	ICE	July 2018	ICE	Data Mining	Confirmation Completed	Ext.
4.	18244697278	Pavithra M	ICE	July 2018	ICE	Cloud Computing	Confirmation Completed	Ext.
5.	22244691510	Vasuki P	ICE	January 2022	ICE	Machine Learning	Confirmation Completed	Int.
6.	23234691326	Saranya E	ICE	January 2023	ICE	Cyber Security	Course work	Ext.
7.	23274697386	Kalaivani R	ICE	July 2023	ICE	Machine Learning	Course work	Ext.

18. List of Research Scholars Completed Ph. D under Anna University, Chennai.

S. No	Reg. No.	Name	Date of Registration	Date of viva voce	Title of the Thesis	Int./Ext.
1.	18134691389	Rajkumar V	18.12.2017	11.11.2022	A System for Secure Data Sharing in Cloud Environment with Data Confidentiality, Integrity and Access Control	Ext.

19. Details of the Patent Publication / Grant:

S. No.	Applicant's Name	Inventor's Name	Title	Application No & Patent Filed Date	Status (Granted / Published / Filed)	Country
			2022-2023			
1.	1.Dr.J.Preetha, 2.Dr.V.Sharmila, 3.Ds.S.Vijayaragavan, 4.Dr.E.Punerselvan, 5.Dr.V.Vennila, 6.Dr.M.Somu, 7.Dr.K.Kumaresan, 8.Mr.M.Azhagesan, 9.Dr.C.Anand, 10.Dr.N.Saravanan, 11.Mr.K.Steephen, 12.Mr.K.Bashkaran	1.Dr.J.Preetha, 2.Dr.V.Sharmila, 3.Ds.S.Vijayaragavan, 4.Dr.E.Punerselvan, 5.Dr.V.Vennila, 6.Dr.M.Somu, 7.Dr.K.Kumaresan, 8.Mr.M.Azhagesan, 9.Dr.C.Anand, 10.Dr.N.Saravanan, 11.Mr.K.Steephen, 12.Mr.K.Bashkaran	Health Monitoring System	369586-001 (23.08.2022)	Granted (05.01.2023)	India
2.	1.Dr. A. Rajiv Kannan 2.Dr. N. Vasuki 3.Dr. C. Anand 4.Dr. V. Vennila 5.Mr. E. Kannan 6.Mr. V. Ramesh 7.Dr. R. Banupriya 8.Ms.M. Jayanthi	1.Dr. A. Rajiv Kannan 2.Dr. N. Vasuki 3.Dr. C. Anand 4.Dr. V. Vennila 5.Mr. E. Kannan 6.Mr. V. Ramesh 7.Dr. R. Banupriya 8.Ms.M. Jayanthi	Detection of fake news using machine learning algorithms	202341012483 A (23.02.2023)	Published (17.03.2023)	India

			2023-2024				
3.	1.Dr. Dhananjay Vasant Khankal 2.Gaurav Sandeep Dave 3.Dr. Prabhat Ranjan 4.Dr. V. Vennila 5.Dr. Govindraj Chittapur 6.Dr. Pavitar Parkash Singh	1.Dr. Dhananjay Vasant Khankal 2.Gaurav Sandeep Dave 3.Dr. Prabhat Ranjan 4.Dr. V. Vennila 5.Dr. Govindraj Chittapur 6.Dr. Pavitar Parkash Singh	ERGONOMIC PATIENT TRANSFER CHAIR	396492-001 (03.10.2023)	Granted (14.12.2023)	India
4.	1.Dr. RachappaJopate 2.Dr.Divyajyothi M. G 3.Mr. NarenderChinthamu 4.Ms. P. Malini 5.Ms. Neeta Bhusal Sharma 6.Dr. R. Vinoth 7.Mr. Hemant N. Watane 8.Dr. V.Vennila 9.Dr. Ammal Dhanalakshmi M	1.Dr. RachappaJopate 2.Dr.Divyajyothi M. G 3.Mr. Narender Chinthamu 4.Ms. P. Malini 5.Ms. Neeta Bhusal Sharma 6.Dr. R. Vinoth 7.Mr. Hemant N. Watane 8.Dr. V.Vennila 9.Dr. Ammal Dhanalakshmi M	Enhancing Data Security and Privacy In IOT environments Through Blockchain Technology	2024410133 64 A (24.02.2024)	Published (08.03.2024)	India

20. Awards and Recognition:

- Recognized as NPTEL Discipline Star Jul-Dec 2023.

- Participated as Reviewer in the CRC Press - Edited Book – "Adopting Artificial Intelligence Tools in Higher Education (Vol 1) - Teaching and Learning.

- Participated as Reviewer in the 10th International Conference on Communication and Signal Processing - ICCSP 2024 held on 12th & 13th April 2024.

- Recognized as Reviewer for Advances in Science, Technology and Engineering Systems Journal (ASTESJ) (ISSN: 2415-6698).

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

S. No	Academic Year	Semesters	Name of the Subject	Class	% of Pass
1.	2008-2009	ODD	Internet Programming	IV CSE A	100%
				IV CSE B	93%
		EVEN	Artificial Intelligence	III CSE A	100%
				III CSE B	100%
2.	2009-2010	ODD	Artificial Intelligence	III CSE A	98%
				III CSE B	100%
3.	2010-2011	EVEN	Computer Graphics	III CSE A	89%
4.	2011-2012	ODD	Artificial Intelligence	IV CSE A	100%
				IV CSE B	97.22%
		EVEN	Database Management Systems	II CSE B	87.57%
5.	2012-2013	ODD	Software Engineering	III CSE A	90%
				III CSE B	83%
		EVEN	Database Management Systems	II CSE B	91.67%
6.	2013-2014	ODD	Artificial Intelligence	IV CSE A	97.14%
				IV CSE B	90%
		EVEN	Artificial Intelligence	III CSE B	76.27%
			Advanced Database Technology	I ME CSE	91%

S.No.	Year	Sem	Subject	Class	%
7.	2014-2015	ODD	Data Warehousing and Data Mining	IV CSE A & B	93.75%
			Cloud Computing	II ME CSE	100%
		EVEN	Database Management Systems	II CSE B	100%
8.	2015-2016	ODD	Data Warehousing and Data Mining	IV CSE B	98.3%
			Cloud Computing	II ME CSE	100%
		EVEN	Service Oriented Architecture	IV CSE A,B,&C	100%
9.	2016-2017	ODD	Data Warehousing and Data Mining	IV CSE A,B & C	100%
			Data Warehousing and Data Mining	II ME CSE & MMT	100%
		EVEN	Business Intelligence	IV CSE A,B & C	100%
			Database Management Systems	II CSE B	98%
10.	2017-2018	ODD	Object Oriented Analysis and Design	III CSE C	100%
			Object Oriented Analysis and Design	III CSE B	100%
		EVEN	Business Intelligence	IV CSE A,B & C	89%
			Software Requirements Engineering	III CSE A,B & C	98%
11.	2018-2019	ODD	Professional Ethics	IV CSE B	92%
				IV CSE C	92%
		EVEN	Business Intelligence	IV CSE A,B & C	97.5%
			Database Management Systems	II CSE A	97.56%
12.	2019-2020	ODD	Computer Graphics	III CSE A	82.22%
				III CSE B	88.6%
		EVEN	Service Oriented Architecture	IV CSE A & B	100%
			Artificial Intelligence and Expert Systems	III CSE A	100%
13.	2020-2021	ODD	Database Management Systems	III CSE B	96%
			Artificial Intelligence and Expert Systems	III CSE A & B	75%
		EVEN	Software Engineering	II CSE B	100
			Object Oriented Analysis and Design	III CSE A & B	100
14.	2021-2022	ODD	Database Management Systems	III CSE A	100
			Graphics and Multimedia	IV CSE B	100
		EVEN	Database Management Systems	II CSE A	85.51%
			Object Oriented Analysis and Design	III CSE A & B	100 %
15.	2022-2023	ODD	Object Oriented Analysis and Design	III CSE A	94.11%
			Object Oriented Analysis and Design	III CSE B	97.05%
		EVEN	Database Management Systems	II CSE A	96.46%
			Service Oriented Architecture	IV CSE A & B	100%
16.	2023-2024	ODD	Object Oriented Analysis and Design	III CSE A	98%
			Object Oriented Analysis and Design	III CSE B	90.7%
		EVEN	Knowledge Based Decision Support System	IV CSE A & B	100%
			Database Management Systems	II CSE B	--
17.	2024-2025	ODD	Object Oriented Analysis and Design	III CSE A	--
			Object Oriented Analysis and Design	III CSE B	--

22. Additional Responsibilities:

a. College Level

S.No.	Details of Work	Work allotted by	Duration
1.	Newsletter	Principal	June 2009 to November 2009
2.	Invitation committee during Annual day	Principal	March 2010

3.	ISTE CSE department coordinator	Principal	December 2011 – December 2017
4.	Auditing Committee	Principal	January 2018 - Till date

b. Department Level

S.No.	Details of Work	Work allotted by	Duration
1.	Class Advisor	HOD	02.08.2008 to till date
2.	Placement Assistant	HOD	June 2008 – Nov 2008
3.	Anna university auditing	HOD	June 2008 – Nov 2010
4.	ISO auditing	HOD	June 2008 – Nov 2010
5.	Academic coordinator	HOD	Dec 2010 to Nov 2011
6.	Internal Assessment auditing	HOD	Nov 2011 to June 2013
7.	Academic coordinator	HOD	June 2013 to June 2014
8.	Staff club coordinator	HOD	June 2013 to June 2014
9.	Staff Leave register and class alter register in-charge	HOD	June 2013 to June 2014
10.	Student Academic & Sports Excellence	HOD	July 2014 to Feb. 2023
11.	Department R&D Cell Incharge	HOD	March 2023 to Till Date

23. Self-Appraisal

Major Strengths
1. Time Management
2. Confidence and Determination
3. Positive Attitude

Major Weaknesses:
1. Impatient
2. I will not argue or oppose
3. Straight Forwardness

(Dr. V. Vennila)