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2	<b>Kannimuthu S, Dr. K. Premalatha, 'A DISTRIBUTED APPROACH TO EXTRACT HIGH UTILITY ITEMSETS FROM XML DATA', <i>World Academy of Science, Engineering and Technology, International Journal of Computer, Information Science and Engineering</i>, Vol. 8, No. 3, 2014, pp. 460-468 [SJR: 0.12- Scopus Indexed, AU Annexure II]</b>
3	<b>Kannimuthu S, Dr. K. Premalatha &amp; Dr. S. Shankar, "A NOVEL APPROACH TO EXTRACT HIGH UTILITY ITEMSETS FROM DISTRIBUTED DATABASES", <i>Computing and Informatics Journal</i>, Vol. 31, No. 6+, 2012, pp. 1597-1615. [SCI, Scopus Indexed, Impact Factor-0.504, Annexure I].</b>
4	<b>Kannimuthu S, Dr. K. Premalatha, "UP-GNIV: AN EXPEDITIOUS HIGH UTILITY PATTERN MINING ALGORITHM FOR ITEMSETS WITH NEGATIVE UTILITY VALUES", <i>International Journal of Information Technology and Management: InderScience Journal</i>, Vol. 14, No. 1, 2015, pp. 26-42 [SJR: 0.16-Scopus Indexed, AU Annexure II]</b>
5	<b>Kannimuthu S, Dr. K. Premalatha, "DISCOVERY OF HIGH UTILITY ITEMSETS USING GENETIC ALGORITHM", <i>International Journal of Engineering and Technology</i>, Vol. 5, No.6, 2013, pp.4866-4880.[SJR: 0.18-Scopus Indexed, AU Annexure II]</b>
6	<b>Kannimuthu S, Dr. K. Premalatha &amp; Shankar S, "iFUM-IMPROVED FAST UTILITY MINING", <i>International Journal of Computer Applications</i>, Vol. 27, No. 11, 2011, pp. 32-36.</b>
7	<b>Shankar S, Dr.T.Purusothaman, Kannimuthu S, Vishnu Priya K, "A NOVEL UTILITY AND FREQUENCY BASED ITEMSET MINING APPROACH FOR IMPROVING CRM IN RETAIL BUSINESS", <i>International Journal of Computer Applications</i>, Vol. 1, No. 16, 2010.</b>
8	<b>Deepa S P, Kannimuthu S, Keerthika, "SECURITY USING COLORS AND ARMSTRONG NUMBERS", <i>IEEE Xplore</i>, pp. 157-160, ISBN-978-1-61284-807-5, DOI-10.1109/NCOIET.2011.5738822.</b>
9	<b>S. Kannimuthu, Dr. K. Premalatha and Dr. S. Shankar. "INVESTIGATION OF HIGH UTILITY ITEMSET MINING IN SERVICE ORIENTED COMPUTING: DEPLOYMENT OF KNOWLEDGE AS A SERVICE IN E-COMMERCE", <i>IEEE Xplore</i>, ISBN-978-1-4673-5583-4, DOI: <a href="https://doi.org/10.1109/ICoAC.2012.6416812">10.1109/ICoAC.2012.6416812</a>, 2012.</b>
10	<b>Karthick Kannan, Deepa S.P, Kannimuthu S, "Wireless Tongue- Teeth Operated System for Physically Challenged People to Operate Computer", <i>Proc. of Intl. Conf. on Advances in Computer Engineering</i></b>
11	<b>Kannimuthu S, Gunasekaran S, Roopa S 'Review on Hiding the Sensitive High</b>

	Utility Itemsets', <i>International Journal of Computer Applications</i> (ISSN: 0975 – 8887), Vol. 119, No. 13, pp. 30-33
12	<b>Dr. Kannimuthu S</b> , Dr. K. Premalatha, Dr. G. Usha, 'Survey on Recent Developments in Utility based data mining', <i>International Journal of Innovative Science, Engineering and Technology</i> , Vol. 2, No. 9, pp. 894-901, 2015
13	K. Venkatachalam, Dr. N.K. Karthikeyan, <b>Dr. S. Kannimuthu</b> , 'Comprehensive Survey on Semantic Web Service Discovery and Composition', <i>Advances in Natural and Applied Sciences</i> , Vol. 10, No. 5, pp.32-40, 2016 [ <b>SJR: 0.13- Scopus Indexed, AU Annexure II</b> ]
14	G. Usha, <b>Dr. S. Kannimuthu</b> , M. Karthi, J. Joshua 'An Analytical Approach to Detect and Isolate Attacks in Mobile Adhoc Networks Using Cross Layer Feedback', <i>Asian Journal of Information Technology</i> , Vol. 15, No. 4, pp.694-702, 2016 [ <b>SJR: 0.11- Scopus Indexed</b> ]
15	Sreega S, <b>Dr. S. Kannimuthu</b> , Dr. K. Bhanu & Mrs. K. Bhuvaneshwari, "A Systematic Exposition of Internet of Things (IoT) and Security Issues", <i>Middle East Journal of Scientific Research</i> , Vol. 24, No. 9, pp. 2739-2751, 2016 [ <b>SJR:0.16</b> ]
16	P Arulprakash, P Sengottuvelan, <b>S Kannimuthu</b> , "Hybrid Fuzzy Logic based Proactive Energy Optimizing", <i>Asian Journal of Research in Social Sciences and Humanities</i> Vol. 6, No. 9, pp. 2082-2089, 2016.
17	G Usha, <b>S Kannimuthu</b> , "A Secured Cross Layer AODV Routing to Detect and Isolate Black Hole Attacks (SCLARDI) for MANET", <i>TURKISH JOURNAL OF ELECTRICAL ENGINEERING &amp; COMPUTER SCIENCES</i> DOI: 10.3906/elk-1508-121, [ <b>SCI, Scopus Indexed, Impact Factor: 0.518</b> ].
18	<b>S. Kannimuthu</b> , C. K. Somesh, P. D. Mahendhiran, D. Bhanu and K. S. Bhuvaneshwari, "Certain Investigation on Significance of Internet of Things (IoT) and Big Data in Vehicle Tracking System", <i>Indian Journal of Science and Technology</i> , Vol 9, No. 39, 2016 [ <b>SJR:0.27</b> ]
19	S Sangeetha, <b>S Kannimuthu</b> , PD Mahendhiran, "Survey on Big Data Analytics and its Applications", <i>International Journal of Computer Applications</i> 153 (12), 2017
20	C Priyadharsini, <b>S Kannimuthu</b> , "An Intelligent Decision Making System for Flood Prediction", <i>Asian Journal of Research in Social Sciences and Humanities</i> 7 (2), pp. 195-207, 2017
21	G. Usha, <b>S. Kannimuthu</b> , M. Karthi, Gayathri Devi , "Survey of Single and Cross Layer Security in MANET", <i>Indian Journal of Science and Technology</i> , Vol. 9, No. 41, pp. 1-9, 2016 [ <b>Scopus Indexed, SJR:0.27</b> ]
22	G. Usha, <b>S. Kannimuthu</b> , D. Bhanu, K.S. Bhuvaneshwari and H. Karthikeyan,"Taxonomy of Worm Hole Attack Solutions in MANET", <i>International Journal on Control Theory and its Applications</i> , Vol. 9, No. 14, pp. 1101-1108, 2017 [ <b>Scopus Indexed, SJR:0.53</b> ]
23	R. Aishwarya, A.Gokulapriya& <b>Dr. S. Kannimuthu</b> , "Certain Investigation on graph Theory and its Applications", <i>International Journal of Scientific Research</i> , Vol. 6, No. 5, pp.580-582, 2017.
24	C Priyadharsini, <b>S Kannimuthu</b> , "Polyhedron Model for three dimensional node deployments in Underwater Sensor Network", <i>Journal of Computational and Theoretical Nanoscience</i> , Vol. 14, No. 12, pp. 5858-5862 [ <b>Scopus Indexed, SJR: 0.23, AU Annexure-I</b> ]

25	P. D. Mahendhiran & S. Kannimuthu, "Deep Learning Techniques for Polarity Classification in Multimodal Sentiment Analysis", <i>Int. J. Info. Tech. Dec. Mak.</i> Vol. 17, No. 3, pp. 883-910, 2018. [SCI, Scopus Indexed, Impact Factor: 1.664].
26	Mrs. K.S. Bhuvaneshwari, D. Bhanu & S. Kannimuthu, "Probabilistic Variable Precision Fuzzy Rough Set Technique for Discovering Optimal Learning Patterns in E-learning", <i>International Journal of Business Intelligence and Data Mining, Inderscience Journal</i> , Vol. 14, No. 1-2, 121-137, 2019 [Scopus Indexed, SJR: 0.19, AU Annexure-I]
27	Dr. S. Kannimuthu & Dr. K. Premalatha, "Stellar mass black hole optimization for utility mining", <i>International Journal of Data Analysis Techniques and Strategies, Inderscience Journal</i> , Vol. 11, No. 3, 222-245, 2019. [Scopus Indexed, SJR: 0.19, AU Annexure-I]
28	PM Arunkumar, S Chandramathi, S Kannimuthu, "Sentiment analysis-based framework for assessing internet telemedicine videos", <i>International Journal of Data Analysis Techniques and Strategies</i> , Vol. 11, No. 4, pp. 328-336, 2019. [Scopus Indexed, SJR: 0.19, AU Annexure-I]
29	Chola Raja K, Kannimuthu S, "Certain Investigation on Cross Domain Data Fusion", <i>International Journal of Applied and Pure Mathematics</i> , Vol. 118, No. 10, pp. 1-7 [Scopus Indexed, SJR: 0.25].
30	Mahendiran PD, Kannimuthu S, N.V. Balaji, "Certain Investigation on Context Aware Computing", <i>International Journal of Applied and Pure Mathematics</i> , Vol. 118, No. 11, pp. 71-79 [Scopus Indexed, SJR: 0.25].
31	Dr. P.M. Arunkumar, Dr. S. Kannimuthu, "Mining Big data streams using Business analytics tools: A bird's eye view on MOA and SAMOA", <i>International Journal of Business Intelligence and Data Mining, Inderscience Journal</i> [Scopus Indexed, SJR: 0.19, AU Annexure-I]
32	Sharmila Devi V, Kannimuthu S KCE_DALab@CMEEL-FIRE2017: Event Extraction using Support Vector Machines, <i>Proceedings of the 9th Forum for Information Retrieval Evaluation, FIRE-2017, IISc, Bangalore</i> [Scopus Indexed]
33	Usha G, Kannimuthu S, Mahendiran D, "A Static Analysis method for detecting Cross Site Scripting Vulnerabilities", <i>International Journal of Information and Computer Security, Inderscience Journal</i> [Scopus Indexed, SJR: 0.14]
34	Nithyanantham, S., Kannimuthu S, Analysis of security issues for the internet of vehicles in India, <i>International Journal of Engineering and Technology(UAE)</i> , 7(1.3 Special Issue 3), pp. 181-186, 2018 [Scopus Indexed]
35	Usha G and Kannimuthu S, Augmentation and Orchestration of Security Techniques in Fog Computing <i>International Journal of Recent Technology and Engineering (IJRTE)</i> , Vol. 8, No. 2S4, pp. 143-148, 2019 [Scopus Indexed]
36	Dr. S. Kannimuthu, Dr. D. Bhanu, Dr. K.S. Bhuvaneshwari, "Performance Analysis of Machine Learning Algorithms For Dengue Disease Prediction <i>Journal of Computational and Theoretical Nanoscience</i> , Accepted for Publication [Scopus Indexed]
37	Dr. S. Kannimuthu, D. Gowtham Chakravarthy "Extreme gradient boost classification based interesting user patterns discovery for web service composition", <i>Mobile Networks and Applications, Springer</i> , Vol. 24, No. 6, pp. 1-13,

	[SCI, Scopus, IF: 2.39]
38	Dr. S. Kannimuthu, Dr. D. Bhanu, Dr. K.S. Bhuvaneshwari "A novel approach for agricultural decision making using graph coloring", <i>SN Applied Sciences</i> , Springer, Vol. 2, No. 31, 2020[SCI].
39	PM Arunkumar, S Kannimuthu, "Machine Learning Based Automated Driver-Behavior Prediction For Automotive Control Systems", <i>Journal of Mechanics of Continua and Mathematical Sciences</i> , Vol. 7, pp. 1-12, 2020 [SCI].
40	G Usha, S Kannimuthu, PD Mahendiran, Anusha Kadambari Shanker, Deepti Venugopal, "Static analysis method for detecting cross site scripting vulnerabilities", <i>Journal International Journal of Information and Computer Security</i> , Vol. 13, No.1, pp.32-47, 2020[Scopus]
41	D Gowtham Chakravarthy, S Kannimuthu, "Mining interesting actionable patterns for web service composition", <i>Journal of Ambient Intelligence and Humanized Computing</i> , pp. 1-7, 2020[SCI]
42	V Sharmila Devi, S Kannimuthu, G Ravikumar, M Anand Kumar, "KCE DALab-APDA@FIRE2019: Author Profiling and Deception Detection in Arabic using Weighted Embedding", <i>Journal Working Notes of FIRE 2019 - Forum for Information Retrieval Evaluation</i> , Vol. 2517, pp. 136-143 [Scopus]
43	Lavanya S, Mythili K, Kannimuthu S, "An Integration of Big Data Analytics and Cyber Security-A Panoramic Survey", <i>International Journal of Advanced Research in Engineering and Technology (IJARET)</i> , Vol. 11, No.9, 2020, pp. 747-754 [Scopus]

1. *Technical Programme Committee member for 3rd International Conference on "Next Generation Computing Technologies" (NGCT-2017) School of Computer Science & Engineering University of Petroleum & Energy Studies Bidholi Campus, Dehradun Uttarakhand (INDIA).*
2. *Programme Committee member for International Conference on Recent Trends in Advanced Computing (ICRTAC-2020), VIT Chennai.*

### Seminars / Workshops Attended (18)

S. No	Programme	Date
1.	IBM Workshop on Open Source & Tools at SKCET	23-10-2007 & 24-10-2007
2.	Seminar on “Multi core Architectures” in PSG college of Technology Coimbatore	19-9-2007
3.	National Seminar on ERP Application's for Medium & Small Industries- Emerging Trends at SKCET	28-8-2008 & 29-8-2008
4.	One day Workshop on E-Learning at SKCET organized by CSI	2008-2009
5.	One day FDP on .NET Technologies SKCET organized by CSI	24-04-2009
6.	Five day Workshop on Open Source Tools at SKCET organized by Dept of CSE	26-6-2009 to 3-7-2009
7.	Five days Training programme on “Empowering Teachers for Enhancing SC/ST Students Employability” at KSR College of Technology, Tiruchengode organized by CUIIC, Anna University Chennai and TAHDCO.	14-4-2010 to 18-04-2010
8.	Two Days FDP on “Theory of Computation” at CIET	27-06-2013 & 28-06-2013
9.	Two Days Workshop on “Android Programming” at CIET	27-09-2013 & 28-09-2013
10.	Two Days Workshop on “Research and Project Ideas in Data Mining using Rapid Miner at CIET	10-10-2013 & 11-10-2013
11.	Two Week ISTE Workshop on Computer Programming Conducted by IIT, Bombay	20-05-2014 to 15-06-2014 16-06-2014 to 21-06-2014
12.	One Day FDP on Qlik by CTS, Coimbatore	27-09-2017
13.	Three FDP on “A Refresher Experiential Course on Linear Algebra and Optimization for Modern Signal Processing and Pattern Classification”, Amrita University	25-11-2017 to 27-11-2017
14.	Two Day FDP on “Hands-on Training Programme on MACHINE LEARNING BASICS” using PYTHON at MIT Chennai	19.09.2018 & 20.09.2018
15.	Three Day Academic Leadership Workshop (TalentNext) at Wipro Limited, Electronic City, Bangalore	08.04.2019-10.04.2019
16.	Successfully Completed the NPTEL Course (Elite) “Programming, Data structures and Algorithms using Python” conducted by IITM, Chennai	28.11.2018-31.11.2019 (8 Weeks)

17.	Successfully Completed the NPTEL Course (Elite) “Machine Learning for Science and Applications” conducted by IITM, Chennai	26.12.2018-19.04.2019 (12 Weeks)
18.	Successfully Completed the NPTEL Course (Elite+Gold& Top 1%) “Programming in Java” conducted by IIT Kharagpur	31.08.2019-23.10.2019 (12 Weeks)

#### PERSONAL DETAILS

**Date of Birth** : 9<sup>th</sup> November 1983  
**Gender** : Male  
**Father's Name** : Mr. K.Subramanian  
**Mother's Name** : Mrs. S.Rajeshwari  
**Nationality** : Indian  
**Languages known** : English, Tamil  
**Marital Status** : Married  
**Spouse Name** : K.R. Gayathri  
**Daughter Name** : K.G. Rohini Kirthika

#### COURSES HANDLED

S. No	Class	Year	Name of the Course	Pass Percentage
1	IV BTech IT	2007	Component Based Technology	96
2	IV BTech IT	2008	Web Technology	94
3	III B.Tech IT	2008	Network Programming and Management	93.33
4	IV BTech IT	2008	Data mining and Warehousing	100
5	IV BTech IT	2009	Component Based Technology	95.45
6	II BTech IT	2009	Design and Analysis of Algorithms	95.45
7	IV B.Tech IT	2009	Software Testing	100
8	IV BTech IT	2009	Component Based Technology	97.95
9	III BTech IT	2010	Database Management System	96.87
10	II BTech IT	2010	Database Management System	96.97
11	IV BTech IT	2010	Enterprise Computing	98.45

12	IV BTech IT	201 0	Advanced Java Programming	95.45
13	IV BTech IT	201 1	Component Based Technology	100
14	IV BTech IT	201 1	Software Project Management	100
15	IV BTech IT	201 1	Web Technology	96.72
16	I BE ECE	201 1	Fundamentals of Computing and C Programming	95.16
17	IV BTech IT	201 2	Professional Ethics	100
18	II BTech IT	201 2	Database Management System	89
19	II BTech IT	201 2	Object Oriented Programming	94.20
20	I BTech IT	201 2	Fundamentals of Computing	94.64
21	II BE EEE	201 3	Object Oriented Programming	95
22	III BTech IT	201 3	Data Warehousing and Data Mining	100
23	III BE CSE	201 3	Software Engineering	94.82
24	IV BE CSE	201 3	Internet Programming	91.42
25	IV BE CSE	201 4	Open Source Tools and Components	92.80
26	I ME CSE	201 4	Principles of Programming Languages	93.34
27	II B.E CSE	201 4	Programming Data Structures II	89.18
28	II B.E ECE	201 4	Object Oriented Programming and Data Structures	90.15
29	III B.E CSE	201 5	Web Technology	90
30	IV B.E CSE	201 5	Indian Constitution and Society	93.34
31	II B.E CSE	201 5	Data Structures	88.5
32	II B.Tech IT	201 5	Data Structures	89.09
33	II B.E CSE	201 6	Advanced Data Structures	100
34	III B.Tech IT	201 6	Code Optimization Techniques	100



35	II B.E CSE	201 6	Data Structures	98.46
36	II B.E EEE	201 6	Data Structures	100
37	II B.E CSE	201 7	Advanced Data Structures	100
38	II B.E EEE	201 7	Advanced Data Structures	100
39	II B.E MECH	201 7	Data Structures	100
40	II B.E CSE	201 7	Data Structures	100
41	II B.TECH IT	201 7	Advanced Data Structures	100
42	II BE-All Departments	201 8	Design and Analysis of Algorithms	100
43	III BE-All Departments	201 8	Machine Learning Techniques	99.5
44	II BE-All Departments	201 8	Advanced Algorithms	98
45	II B.Tech IT	201 9	Data Structures	94
46	II B.E ECE	201 9	Data Structures	100