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

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)** | | | 15 | |

## 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 Hiding Association Rule Mining | V.Vennila & A.Gnanabaskaran | National Conference on Computational Systems and Information Security | January 4, 2008. | - | - |
| 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 | Vennila. V, P. Raj Sangavi, P. Suguna, G. Sunandha, | National Conference on Recent Trends in Information, Communication and | 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 |
|---|---|---|---|---|---|---|
| | SVM Classification Model | M. Suresh | Computing Technology | | | |
| 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 | - | - |

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|---|---|---|---|---|---|---|
| 6. | Information Retrieval and Recommendation Framework using Document Models | A.Saranya, V.Vennila & G.Sivaselvan | First International Conference on Emerging Trends in Science, Engineering and Technology | March 4&5, 2016 | - | - |
| **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:2277 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:2229-6093 | - | - |
| **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:2319-7242 | - | - |
| 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:2278-1323 | - | - |
| **2015-2016** | | | | | | | |

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|---|---|---|---|---|---|---|---|
| 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 2320-981 X | - | - |
| 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 2320-981 X | - | - |
| 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 | December 2016 | Vol. 56 | SNIP:1.164 SJR:0.565 | 1.084 |
| 15. | Discretized Support Vector Prediction Classifier for Big Data Computation and Information Sharing in Cloud | V.Vennila & Dr. A. Rajiv Kannan | Asian Journal of Research in Social Sciences and Humanities | February 2017 | Vol. 7, No. 2 ISSN 2249-7315 | - | - |
| **2017-2018** | | | | | | | |

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|---|---|---|---|---|---|---|---|
| 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) | 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 |
| 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 Provisioning on Cloud for Dataset | Savitha. S, Vennila. V, R. Hemachandrika, S. Indhu, S. Janani, | International Journal of Engineering Research & | March 2019 | Special Issue ISSN: 2278-0181 | - | 7.86 |

| No. | Title | Authors | Journal | Date | Volume/Issue | | |
|---|---|---|---|---|---|---|---|
| | using TOF Planner Approach | S. Kamachi | Technology (IJERT) | | | | |
| **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 | April 2020 | ISBN 978-981-15-1084-7 (e-book) Volume 1034 | - | - |
| **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++ | Yogeshwari B, Dr.V.Sharmila, Dr.M.Somu, | International Journal of Innovative | December 2020 | Volume 8, Issue 12 | - | - |

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|---|---|---|---|---|---|---|---|
| | Algorithm in Python Framework | Dr.V.Vennila, Dr.J.Preetha | Research in Computer and Communication Engineering | | | | |
| 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 | Scopus | 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 | Scopus | 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 | - |
| 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 | 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 | September 2021 | Vol 40, Issue 2 DOI:10.32604/csse.2022.019622 | Web of Science, Scopus | Impact Factor: 1.486, SNIP:0.382 |
| 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 | March 2023 | DOI: 10.1080/01969722.2023.2177798 | Scopus | Impact Factor: 1.859 |

**Summary:**

| | National Level | | International Level | |
|---|---|---|---|---|
| | Journal(s) | Conference(s) | Journal(s) | Conference(s) |
| **At KSRCE** | - | 7 | 40 | 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 |

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|---|---|---|---|
| 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 Challenges | Kongu Engineering College | 18-11-2019 to 01-12-2019 & 14 Days |
| 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 |

| S.No | | Name of the programme | Organized by | Date & Duration |
|------|---|---|---|---|
| 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 |

**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. 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 | |

**12. Area of Interest** :

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

**13. Professional Membership** : **ISTE**

**14. 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% |
| 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% |

| | | | | III CSE A | 82.22% |
|---|---|---|---|---|---|
| 12. | 2019-2020 | ODD | Computer Graphics | 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 | -- |
| | | | Service Oriented Architecture | IV CSE A & B | -- |

## 15. 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 |

**16. 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)