

Curriculum Vitae

NAME : **Dr.A. MARTIN, MCA., ME(CSE)., PhD-CSE(BT)**

DESIGNATION : **Assistant Professor**

UNIVERSITY : **Dept. of Computer Science
School of Mathematics and Computer Sciences
Central University of Tamil Nadu
Thiruvarur, Tamil Nadu-610 005**



Contact Numbers : **9500900380, 8903756380**

Email Id : **martin@cutn.ac.in, martin@acad.cutn.ac.in**

CAREER OBJECTIVE

To cultivate young minds to meet globally competitive challenges and contribute my skills toward the overall success of the organization.

AREAS OF INTEREST

- Big Data Analytics and NoSQL
- Artificial Emotional Intelligence (AEI)
- Explainable Artificial Intelligence (XAI)
- Evolutionary Computation Techniques
- Multimodal Interaction Techniques

TEACHING EXPERIENCE

Over 21 years of experience in teaching Computer Science and its diverse applications.

Sl No	Institute / University	Designation	From	To
1	Central University of Tamil Nadu, Thiruvarur, Tamil Nadu – 610 005	Assistant Professor (Academic Level 11)	13-07-2020	Till date
		Assistant Professor (Academic Level 10)	13-07-2016	12-07-2020

2	Sri ManakulaVinayagar Engineering College, Madagadipet, Puducherry - 605 107	Associate Professor	14-06-2012	11-07-2016
		Assistant Professor	27-05-2002	13-06-2012

EDUCATIONAL QUALIFICATION

- **Ph.D. in Computer Science and Engineering** (Banking Technology), Pondicherry University, 2014
- **M.E. in Computer Science and Engineering**, Mailam Engineering College, Mailam (affiliated to Anna University), 2007 – 81.75%
- **MCA**, Bharathidasan University, 2000 – 70.68%
- **B.Sc. in Chemistry**, St.Joseph's College of Arts and Science, Cuddalore (affiliated to University of Madras), Tamil Nadu, 1997 – 68.17%
- **HSC – 64.58 and SSLC – 78.4%** from St.Joseph's Higher Secondary School, Cuddalore

RESEARCH HIGHLIGHTS

- **Interdisciplinary research in Computer Science and Engineering** with a strong focus on **Banking Technology**.
- Published extensively in **high-impact, peer-reviewed journals**, including:
 - *Informatica* – Impact Factor: **2.8** (2025)
 - *Springer – International Journal of Information Technology* (2024)
 - *Elsevier – Expert Systems with Applications* – Impact Factor: **7.5** (2023)
 - *Elsevier – Journal of King Saud University: Computer and Information Sciences* – Impact Factor: **6.1** (2022)
 - *IEEE Transactions on Evolutionary Computation* – Impact Factor: **15.5** (2016)
 - *Elsevier – International Journal of Information Management* – Impact Factor: **20.5** (2014)
 - *Emerald – Journal of Enterprise Information Management* – Impact Factor: **7.4** (2014 & 2015)
 - *Inderscience – International Journal of Multicriteria Decision Making* (2015)

- Authored **2 books** and contributed **7 international book chapters** published by reputed publishers.
- Recognized by the **University of California, Irvine (UCI)** for contribution to the development of the **Qualitative Bankruptcy Dataset (2013)**.
- **Citation Metrics:**
 - **Google Scholar:**
 - Citations: **2000**
 - h-index: **18**
 - i10-index: **21**
 - **Scopus:**
 - Citations: **213**
 - h-index: **8**

RESEARCH PROJECTS

- A Study and Development of Mobile App for Fisherwomen in Nagapattinam District to Reduce Complexities for Selling of Fishes, Tamil Nadu State Council for Science and Technology - Student Project Scheme (SPS) - 2019-2020, 0.075, 4 Months, Rs.0.075 Lakhs, March-2020 to July-2020.
- Modification, development and uploading of the fisherwomen mobile app into Google play store, sponsored by Central University of Tamil Nadu, Rs.0.25 Lakhs, August' 2023 to July' 2025.

PUBLICATIONS

- Journals: **48** (Web of Science: **06** (SCI – **03** and SSCI – **03**), Scopus – **14**, UGC Listed – **06** and Refereed Journals – **22**)
- Text Books: **02**
- Book Chapters: **09**
- Publications in the Proceedings of Conference/Seminars/Symposia: **67**
- International – **36** and National – **31**
- Registered Design Pattern: “Mannequin for Smart Jewel Display” (Design No. 392758-001, 2023).

JOURNAL PUBLICATIONS

1. Laboso, P., Aruldoss, M., Thiyagarajan, P., Lakshmi, T. M., & Wynn, M. (2026). Library Systems and Digital-Rights Management: Towards a Blockchain-Based Solution for Enhanced Privacy and Security. *Information*, 17(2), 137. <https://doi.org/10.3390/info17020137>
2. Kumar, H., Aruldoss, M., & Wynn, M. (2025). Cross-Modal Attention Fusion: A Deep Learning and Affective Computing Model for Emotion Recognition. *Multimodal Technologies and Interaction*, 9(12), 116. <https://doi.org/10.3390/mti9120116>
3. Kumar, H., & Aruldoss, M. (2025). Advanced Optimal Cross-Modal Fusion Mechanism for Audio-Video Based Artificial Emotion Recognition. *Informatica*, 49(12), 61–76. <https://doi.org/10.31449/inf.v49i12.7392>
4. Kumar, H., & Aruldoss, M. (2025). Gated Cross-Modal Fusion Mechanism for Audio-Video-based Emotion Recognition. *Engineering, Technology and Applied Science Research*, 15(2), 20835–20841. <https://doi.org/https://doi.org/10.48084/etasr.9430>
5. Arulprakash, E., & Martin, A. (2024). An object-oriented neural representation and its implication towards explainable AI. *International Journal of Information Technology*, 16(5), 1303–1318. <https://doi.org/10.1007/s41870-023-01432-2>
6. Kumar, H., & Martin, A. (2023). Artificial Emotional Intelligence: Conventional and deep learning approach. *Expert Systems with Applications*, 118651. ISSN: 0957-4174
7. Arulprakash, E., Martin, A., & Lakshmi, T. M. (2022). A Study on Indirect Performance Parameters of Object Detection. *SN Computer Science*, 3(5), 386. ISSN: 2662-995X
8. Arulprakash, E., & Aruldoss, M. (2022). A study on generic object detection with emphasis on future research directions. *Journal of King Saud University-Computer and Information Sciences*, 34(9), 7347-7365. <https://doi.org/10.1016/j.jksuci.2021.08.001>, ISSN: 1319-1578
9. Arulprakash, E., & Aruldoss, M. (2020). A study on fight against COVID-19 from latest technological intervention. *SN Computer Science*, 1(5), 277. ISSN: 2661-8907, DOI: 10.1007/s42979-020-00301-0
10. Ahalya Kannan, Aruldoss Martin. (2020). A Study and Development of Mobile App for Fisherwomen in Nagapattinam District to Reduce Complexities for Selling of Fishes, *Adalya Journal*, Volume 9, Issue 2, 2020, ISSN: 1301-2746, Page No.: 411 – 415
11. Lakshmi, M., Aruldoss, M., & Venkatesan, P.V. (2019). A Study on Influence of Rank Reversal on Weight Methods in GFTOPSIS by applying Adding an Alternative and Removing an Alternative Metric, *The International Journal of Analytical and Experimental Modal Analysis*, Volume 11, Issue 8, PP:203-209, August - 2019 - DOI:18.0002. IJAEMA.2019. V11I8.208301.02030707. ISSN NO: 0886-9367

12. Lakshmi, M., Aruldoss, M., & Venkatesan, P.V. (2019). A Study on Influence of Sensitivity Analysis on Normalization Techniques by Applying Equal and Exchange of Weight Metrics, *International Journal of Computer Sciences and Engineering*, Vol.-7, Special Issue, 5, March 2019, E-ISSN: 2347-2693, DOI: <https://doi.org/10.26438/ijcse/v7si5>. 40-45
13. Enoch, A., Aruldoss, M., A Study on Different Evolution in Computer Vision, *International Journal of Computer Sciences and Engineering*, Vol.-7, Special Issue, 5, March 2019, E-ISSN: 2347-2693, DOI: <https://doi.org/10.26438/ijcse/v7si5.46-54>
14. Adarsh, V., Aruldoss, M., "A Study on Deep Learning Techniques to Improve Bitcoin Price Prediction ", *International Journal of Computer Sciences and Engineering*, Vol.-7, Special Issue 4, Feb 2019, pp.126-129. (Listed in UGC -2019)
15. T. Miranda Lakshmi, Martin.A, V. PrasannaVenkatesan, "Design of Simplified Triangular Fuzzy TOPSIS: A Case Study on Supplier Selection", *International Journal for Research in Applied Science and Engineering Technology*, Volume 5, Issue IX, September 2017, Page No.: 2029-2055 UGC Approved Journal (listed in UGC -2017), ISSN: 2321-9653
16. Lakshmi, T. M., Venkatesan, V. P., & Martin, A. (2016). An identification of better engineering college with conflicting criteria using adaptive TOPSIS. *International Journal of Modern Education and Computer Science*, 8(5), PP.19-31 ISSN:2075-0161 **Scopus Indexed**
17. Miranda Lakshmi, T., Martin, A., PrasannaVenkatesan, V., "A Genetic Bankrupt Ratio Analysis Tool using Genetic Algorithm to Identify Influencing Financial Ratios", *IEEE Transactions on Evolutionary Computation*, Volume 20(1), pp.38-51, 2016, *Science Citation Index* (Thomson Reuters), IEEE Computational Intelligence Society. DOI 10.1109/TEVC.2015.2424313, ISSN: 1941-0026
18. Martin, A., Miranda Lakshmi, T., PrasannaVenkatesan, V., "An information delivery strategy for multi criteria reporting: a case study on bankruptcy prediction analysis", *International Journal of Multi Criteria Decision Making, Special issue on Multi Criteria Decision Making in Finance and Investment*, Vol. 5 (3), pp. 211–246, 2015, *Indexed in Scopus, Inderscience*. ISSN online 2040-1078
19. Martin, A., T. Miranda Lakshmi, and V. PrasannaVenkatesan." A Reference Model for Business Intelligence to Predict Bankruptcy", *Journal of Enterprise Information Management*, Vol. 28 Issue 2 pp. 186 – 217, 2015 - *H-Index: 24, Indexed in Scopus, Emerald*, ISSN: 1741-0398, <https://doi.org/10.1108/JEIM-09-2013-0069>
20. Martin, A., T. Miranda Lakshmi, and V. PrasannaVenkatesan. "A Survey on Recent Research in Business Intelligence", *Journal of Enterprise Information Management*, Volume 27, Issue 6, 2014 - *H-Index: 24, Indexed in Scopus, Emerald*. ISSN: 1741-0398, pp. 831-866, DOI: 10.1108/JEIM-06-2013-0029

21. Martin, A., T. Miranda Lakshmi, and V. PrasannaVenkatesan. "An information delivery model for banking business." *International Journal of Information Management*, Volume 34, Issue 2, pp. 139-150 (2014), *Indexed in Scopus, Elsevier*, ISSN: 0268-4012
22. Vanitha, R., Martin, A., Ramalingam, A., Madhusudhanan, J., "A Hybrid Bee swarm Optimized Multicast Routing for Reducing Packet Loss in VANET", *Advances in Natural and Applied Sciences*, 9(6) Special 2015, Pages: 14-18, ISSN (online)1998-1090
23. Geetha, S., Madhusudanan, J., Prasanna Venkatesan, V., Martin, A., "Design and Verification of Pervasive System Security", *Advances in Natural and Applied Sciences*, 9(6) Special 2015, Pages: 385-390, ISSN (online)1998-1090
24. T. Miranda Lakshmi, V. Prasanna Venkatesan, A. Martin, "A Hybrid Model of TOPSIS with SAW to Identify a Better College for Students", *Int. Jr. of Applied Engineering Research*, Vol. No. 10 No. 20, 2015, pp.19250-19255, Online ISSN 0973-9769 Indexed in Scopus
25. T. Miranda Lakshmi, V. Prasanna Venkatesan, A. Martin, "A Comparative Study on COPRAS & COPRASG: A Case Study on Finding Better Hospital for Cardiology Treatment", *Int. Jr. of Applied Engineering Research*, Vol. No. 10 No. 20, 2015, pp.19270-19275, Online ISSN 0973-9769 Indexed in Scopus
26. Lakshmi, T Miranda; Venkatesan, V Prasanna; Martin, A; Identification of a better laptop with conflicting criteria using TOPSIS, *International Journal of Information Engineering and Electronic Business*, 7, 6, 28-36, 2015.DOI: 10.5815/ijieeb.2015.06.05 Modern Education and Computer Science Press 2015 ISSN: 2074-9031 (Online). **Scopus Indexed**
27. ChanchalJayaraj, Ramesh. R, PrasannaVenkatesan. V, Martin. A, Time scheduling system using domain specific modeling, *International Journal of Innovative Science, Engineering & Technology*, Vol. 2 Issue 3, PP.143-147 March 2015.ISSN 2348 – 7968
28. Vasantharaj, S; Martin, A; Meiappane, A; Madhusudnan, J; A Survey on Sentiment Analysis Applied in Opinion Mining, *Journal of Network Communications and Emerging Technologies (JNCET)*, 1, 1, 2015, PP:15-21 ISSN: 2395-5317
29. ChanchalJayaraj, Ramesh. R, PrasannaVenkatesan. V, Martin. A, Evaluation and Generation of Meta Modeling tools for Domain Specific Modeling Language, *International Journal of Scientific & Engineering Research*, Volume 6, Issue 5, pp:1143-1150, ISSN 2229-5518 May-2015
30. Thara Parameswari, Aruldoss Martin, Danapaquiame. N, Parallel and Distributed Simulation System Using Mspac Algorithm, *Australian Journal of Basic and Applied Sciences*, 9(36) December 2015, Pages:573-582, ISSN: 2309-8414 (online)
31. Thara Parameswari, Danapaquiame. N, Aruldoss Martin, Tools used in Web Services as Web Based Learning Process, *International Journal of Engineering and Innovative Technology (IJEIT)*, Volume 5, Issue 5, PP: 86-89 November 2015, ISSN: 2277-3754

32. Thara Parameswari, Danapaquame. N, Aruldoss Martin, Catching Strategies for Distributed System, *IJETI International Journal of Engineering & Technology Innovations*, Vol. 2 Issue 5, PP 5-11, November 2015, ISSN 2348-0866 (Online)
33. Martin, A; Lakshmi, T Miranda; Venkatesan Prasanna. V, A framework to Develop qualitative Bankruptcy Prediction Rules using Swarm Intelligence, *St. Joseph's Journal of Humanities and Science* 8 73-81, 2014, ISSN: 2347-5331
34. Miranda Lakshmi, T., Martin, A., Mumtaj Begum, R., Prasanna Venkatesan, V., "An Analysis on Performance of Decision Tree Algorithms using Student's Qualitative Data", *International Journal of Modern Education & Computer Science*, Volume 5, No. 5, pp. 18-27, 2013, DOI: 10.5815/ijmecs ISSN:2075-0161 **Scopus Indexed**
35. Miranda Lakshmi, T., Martin, A., Prasanna Venkatesan, V., "An Analysis of Students Performance using Genetic Algorithm", *Journal of Computer Sciences and Applications*, Volume 1, No. 4, pp.75-79, 2013, ISSN (Online): 2328-725X, DOI: 10.12691/jcsa-1-4-3
36. Martin, A., Miranda Lakshmi, T., Prasanna Venkatesan, V., "An Analysis on Qualitative Bankruptcy Prediction Rules using Ant-Miner", *International Journal of Intelligent Systems & Applications*, Volume 6, No. 1, pp.36-44, 2013, ISSN: 2074-9058 (Online), DOI: 10.5815/ijisa **Scopus indexed**
37. Martin, A., Miranda Lakshmi, T., PrasannaVenkatesan, V., "A Survey on Multi Criteria Decision Making Methods and its Applications", *American Journal of Information Systems*, Volume 1, No. 1, pp.31-43, 2013, ISSN (Online): 2374-1988
38. Martin, A., Balaji, S., PrasannaVenkatesan, V., "Effective "Prediction of Bankruptcy based on the Qualitative factors using FID3 Algorithm", *International Journal of Computer Applications*, Volume 43, No. 21, pp.28-32, 2012, (0975 – 8887) DOI: 10.5120/6389-8799 *Impact Factor 0.45*
39. Martin, A., Aswathy, V., PrasannaVenkatesan, V., "Framing Qualitative Bankruptcy Prediction Rules using Ant Colony Algorithm", *International Journal of Computer Applications*, Volume 41, No. 21, pp.36-44, 2012, ISSN :0975 – 8887, *Impact Factor 0.45*.
40. Martin, A., Aiswaryalakshmi, K., Gayathiry, S., MarieSheela, J., PrasannaVenkatesan, V., "A Business Intelligence Model using Fuzzy Multi Criteria Decision Making for Banking Business", *International Journal of Information Technology and Engineering*, Volume 3, No.1-2, pp. 319-326, 2012, ISSN: 2229-7367
41. Martin, A., Uthra, R., Kavitha, A., Divya,B., PrasannaVenkatesan, V., "A Business Intelligence Model for Predicting Bankruptcy Using CBR With Essential Features, *International Journal of Information Technology and Engineering*, Volume 3, No.1-2, pp.91-97, 2012, ISSN: 2229-7367

42. Martin, A., Aswathy, V., Balaji, S., PrasannaVenkatesan,V., “An Analysis on Qualitative Bankruptcy Models to Frame Bankruptcy Prediction Rules using Ant Colony Algorithm”, *CiiT International Journal of Automation and Autonomous Systems*, Volume 3, No.8, PP: 492-496, 2011, ISSN: 0974 – 9551
43. Martin, A., Madhusudhnan, J., Miranda Lakshmi, T., PrasannaVenkatesan,V., “To Find Best Bankruptcy Model using Genetic Algorithm”, *CiiT International Journal of Artificial Intelligent Systems and Machine Learning*, Volume 8, Issue 1, PP: 111-122, 2011, Online: ISSN 0974 – 9543
44. Martin, A., Manjula, M., PrasannaVenkatesan, V., “A Business Intelligence Model to Predict Bankruptcy using Financial Domain Ontology with Association Rule Mining Algorithm”, *International Journal of Computer Science Issues*, Volume 8, Issue 3, No. 2, pp.211-218, 2011, ISSN (Online version): 1694-0784, *Impact Factor: 0.242*.
45. Martin, A., Anuthamaa, Sathyavathy, M., Marie, PrasannaVenkatesan, V., “A Framework for Predicting Phishing Websites using Neural Networks “, *International Journal of Computer Science Issues* Volume 8, Issue 2, pp.330-336, 2011, ISSN (Online version): 1694-0784, *Impact Factor: 0.242*.
46. Martin, A., Maladhy, D., PrasannaVenkatesan, V., “A Framework for Business Intelligence Application using Ontological Classification”, *International Journal of Engineering Science and Technology*, Volume 3, No. 2, pp.1213-1221, 2011, ISSN: 2141-2839
47. Martin, A., Gayathri, V., Saranya, G., Gayathri, P., PrasannaVenkatesan, V., “A Hybrid Model for Bankruptcy Prediction using Genetic Algorithm, Fuzzy C-Means and Mars”, *International Journal on Soft Computing*, Vol.2, No.1, pp.12-24, 2011, e-ISSN: 2229 - 6735, DOI:10.5121/ijsc
48. Martin, A., Miranda Lakshmi, J. Madhusudhnan, Multi Agent Communication System for Online Auction with Decision Support System by JADE and TRACE, *International Journal of Convergence Information Technology* ISSN: 1975-9320, Volume 4, Number 2, 154-163, June 2009.

INTERNATIONAL CONFERENCES

1. Subanesh, A., Aruldoss, A. M., & Suresh Joseph, K. (2026). Food recommendation system using content-based and collaborative filtering. In Proceedings of the International Conference on Advanced Computing (ICAC-2026). Department of Computer Science, Bharathiar University, Coimbatore, India, 29 & 30 January 2026.

2. Suman, S. N., Punitha Devi, C., & Martin, A. (2026). Personalization of banking using machine learning. In Proceedings of the International Conference on Advanced Computing (ICAC-2026). Department of Computer Science, Bharathiar University, Coimbatore, India, 29 & 30 January 2026
3. Asker, J. M., Ananda Krishna, M., Subanesh, A., & Martin, A. (2025). Enhancing video streaming recommendations: A comparative study of filtering methods with GenAI and XAI integration. In Proceedings of the International Conference on Computational Sciences and Applied Mathematics (2nd ed., September 12, 2025). VET Institute of Arts and Science (Co-education) College, Erode, Tamil Nadu, India. ISBN: 978-93-49188-31-0.
4. Mathumidha, S., Martin, A., & Himanshu Kumar. (2025). Revolutionizing fashion: The role of generative AI in cloth designing. In Proceedings of the 2nd National Conference on Multidisciplinary Research and Innovations in Engineering and Technology (MRIET 2025), Department of ECE and EEE, Knowledge Institute of Technology, Salem, India, April 4, 2025.
5. Catherine Lemoria, Miranda Lakshmi, T. & Martin, A., (2025). Effective Android malware detection using a deep learning–based hybrid approach. In Proceedings of the Third International Conference on Computational Intelligence and Mathematical Applications (CIMA 2025), organized by the Department of Computer Applications, Department of Computer Science, and Department of Mathematics and Statistics, SRM Institute of Science and Technology, Chennai, India (February 6–7, 2025).
6. Hareesh, M., Himanshu, K., & Martin, A., Geetha Reddy., (2024). Credit Card Fraud Detection Using Machine Learning. International Conference on Engineering and Technology (ICET-2024) <https://doi.org/10.1109/ICCI60780.2024.10532670>, Marthandam College of Engineering and Technology, Kanyakumari, Tamil Nadu, India, 28 October, 2024.
7. Chandu, N., Kumar, H., & Martin, A. (2024). Encrypted Traffic Detection and Packet Categorization: A Statistical Approach Using Port Numbers. International Conference on Intelligent Computing and Communication Technology (ICCT-2024) ISBN: 978-93-341-2851-2, 1–7, M. V.Muthiah Government Arts College for Women, Dindigul, Tamil Nadu, September 27, 2024.
8. S. Sharmila, & Dr. A. Martin. (2024). A Deep Learning Approach to Heart Disease Detection from Skin Image Analysis. In Dr. D. Sophin Seeli (Ed.), Proceedings of The International Conference on Recent Advances in Cloud Computing and Communication Technology (ICRACCCT' 24): Vol. ISBN 978-81-972950-1-0 (pp. 203 t0 205). Chitram Publications, Organized by Noorul Islam College of Arts and Science, Kumaracoil, Tamil Nadu, India, September, 06, 2024.

9. Patrick K, Martin A. and Thiyagarajan, P. A Secure System for Decentralized Preservation of Digital Library Collections using Private Blockchain and Interplanetary File System (IPFS), International Conference on Intelligent Systems in Computing and Communication, Mangalore Institute of Technology and Engineering, Moodabidri, India, 8 - 9 December 2023, ISBN Number: 978-81-967891-3-8
10. Himansh, Martin A. Audio Video based Fusion Mechanism using Deep Learning for Categorical Emotion Recognition, International Conference on Self Sustainable Artificial Intelligence Systems, M. P. Nachimuthu M. Jaganathan Engineering College, Erode, India, 18 - 20 October 2023.
11. Himansh, Martin A. Comparison and Performance Evaluation of Fusion Mechanism for Audio-Video based Multimodal Emotion Recognition, International Conference on Soft Computing and Signal Processing, Malla Reddy College of Engineering & Technology, Hyderabad, India, 23 - 24 June 2023
12. Martin, Mummidi Manasa, Detection of Chemicals in Fruits and Vegetables using IoT, International Conference on Energy Conservation for Future energy systems, sponsored by Oil and Natural gas Corporation Limited, Cauvery Asset Karaikal, Nethaji Subash Chandra Bose Group of Institutions, Thiruvarur, 03 April 2023.
13. Martin, Patrick, Thiyagarajan, Block chain Technology in Data Science: Challenges and Benefits, 2nd International Conference on Sustainable Computing and Data Communication Systems ICSCDS, Shree Venkateshwara Hi-Tech Engineering College Erode, India, 23-25, March 2023
14. Enoch Arulprakash, Martin, Artificial Neural Networks and Its Reliability Aspects, 3rd International Conference on Mathematical Modeling and Computational Science (ICMMCS 2023), Mother Teresa Women's University, Madurai, Tamilnadu, India, 24-25 February, 2023
15. A.Martin, Afari Jesse, A Study and Experimentation of Classification of MRI Scans for Brain Tumor Detections using Transfer Learning, International Multidisciplinary Conference on Information Science, Management Research and Social Sciences, AJK College of Arts and Science, Coimbatore, India in association with ISMASI, Azteca University, Mexico, North America, ISBN: 978-93-5636-667-1, 18th &19th April 2022
16. Martin A. (2020). Presented a paper titled "A study on extractive summarization of multi-documents from internet resources using K-means Clustering algorithm" in Proceedings of Web conference on Diverse Computing: Agro-Socio-Health-Business Revolution, Kodaikanal Christian College, 25 September 2020.
17. Martin A. (2020). Presented a paper titled "Design and Experimentation of Time Series Analysis with Neural Networks to Improve Bitcoin Price Prediction Accuracy" in Proceedings of International Virtual Conference on Banking & Financial Technology 2020 (ICB&FT

2020), Department of Banking Technology, School of Management, Pondicherry University, August 13 - 14, 2020.

18. A Study on Different Distance Measures in TOPSIS: A Case Study on Agricultural Domain, International Conference on Current Strategies and Innovative Practices of business and banks in the Digital Epoch, St. Joseph's College of Arts and Science (Autonomous), Cuddalore, 17, February-2018
19. Martin, A., T. Miranda Lakshmi, V. PrasannaVenkatesan, A Study on Evaluation Metrics for Multi Criteria Decision making (MCDM) Methods - TOPSIS, COPRAS & GRA, International Conference on Trends in Computational Research (ICTCR 18), Thiruvalluvar University College of Arts and Science, Tiruvannamalai, Jan' 19-20, 2018
20. Martin, T. Miranda Lakshmi, V. PrasannaVenkatesan, A.Alex, V. Sundar, A Multi-Methodological Multi-Criteria Decision Making (MCDM) Approach for WAN Media Suit Selection, Proceeding of International Conference on Computing Science (ICCCS 18), Loyola College, Chennai, India, January 8-9, 2018
21. A Study and Identification of Better Normalization, Weight and Distance Methods in Fuzzy TOPSIS to develop a Multi Criteria Reporting for Banking, International Seminar on Emerging Issues in Indian and International Banking System, Dept. of B. Com (Bank Management), St. Joseph's College of Arts and Science (Autonomous), Cuddalore, September-2016
22. Martin.A, D. Sathish, C. Balachander, T. Hariprasath, G. Krishnamoorthi, An Ontology Approach with Extended Region Grow Algorithm to Spray Pesticides, Proceedings of IEEE Sponsored 2nd International Conference on Innovations in Information, Embedded and Communication systems (ICIIECS) 2015, Karpagam College of Engineering, Coimbatore, India, 19 - 20 March 2015
23. Martin.A, D. Sathish, C. Balachander, T.Hariprasath, G.Krishnamoorthi, Identification and Counting of Pests using Extended Region Grow Algorithm, Proceedings of IEEE Sponsored 2nd International Conference on Electronics and Communication System 2015, Karpagam College of Engineering, Coimbatore, India, 26-27, February, 2015
24. Martin,T.Miranda Lakshmi, V.PrasannaVenkatesan, "An Analysis on Impact of Feature Selection in CBR Performance by Predicting Bankruptcy", IEEE International Conference on Emerging Trends in Science, Engineering, & Technology (INCOSET", 2012), J.J. College of Engineering and Technology, Tiruchirappalli, India, 13-14, Dec, 2012
25. Martin,T.Miranda Lakshmi, V.PrasannaVenkatesan, "A Business Intelligence Framework for Business Performance using Data Mining Techniques", IEEE International Conference on Emerging Trends in Science, Engineering, & Technology (INCOSET", 2012), J.J. College of Engineering and Technology, Tiruchirappalli, India, 13-14, Dec, 2012

26. A.Martin, M.Manjula,V.PrasannaVenkatesan, A Business Intelligence Model to Predict Bankruptcy Using Financial Domain Ontology with Decision Tree C4.5 Algorithm, Proceedings of international conference on systems, methodologies, automation and research trends - SMART 2012, Sri ManakulaVinayagar Engineering College, 12-13, December 2012.
27. A.Martin, D.Maladhy, V.PrasannaVenkatesan, A BI Model to analyze Bank performance using ontological classification and Text Mining,Proceedings of international conference on systems, methodologies, automation and research trends - SMART 2012, Sri ManakulaVinayagar Engineering College, 12-13, December 2012.
28. Martin, M.Ramya Devi, M. B. Radhika, M.Malavika, V.PrasannaVenkatesan, “A Case Study of Performance Analysis on Student and Teacher Using Soft Computing: A Fuzzy Logic Approach”, Proceedings of Student Research Symposium (SRS) 2012 co-located with International Conference on Advances in Computing, Communications and Informatics (ICACCI'12). ISBN: 978-981-07-3043-7, RMK Engineering College, Chennai, India, 3-5, August, 2012.
29. A.Martin,T. Miranda Lakhmi, Dr.V. PrasannaVenkadesan, “An analysis on Business Intelligence models to Improve Business Performance”, Proceedings of IEEE International Conference on Advances in Engineering, Science and Management – [ICAESM 2012]. ISBN 978-81-909042-2-3, E.G.S. Pillay Engineering College, Nagapattinma, India, 30 & 31, March 2012
30. A.Martin, S.Balaji , V.Asathy , Dr.V. PrasannaVenkatesan,” Prediction of Bankruptcy based on Qualitative factors using FID3 Algorithm”, Proceedings of 2nd International Conference on Advances in Engineering and Technology - ICAET 2012 held in E.G.S.Pillay Engineering College, Nagapattinam in association with Aichi Institute of Technology, Toyota, Japan, March 28 & 29, 2012. ISBN 978-1-4675-2245-8 © 2012 Published by the Coimbatore Institute of Information Technology.
31. A.Martin, V.Asathy, S.Balaji, T. Miranda Lakshmi, Dr.V. PrasannaVenkatesan,” An Analysis on Qualitative Bankruptcy Prediction Using Fuzzy ID3 and Ant Colony Optimization Algorithm”, Proceedings of IEEE International conference on Pattern Recognition, Informatics and Medical Engineering [PRIME 2012]. ISBN:978-1-4673-1037-6, Periyar University, Salem, Tamilnadu, India, 21–23, March 2012
32. A.Martin, Dr.V. PrasannaVenkatesan, “To find most impact financial features on bankruptcy models using Genetic Algorithm”, Proceedings of International conference on Advances in Engineering and Technology [ICAET-2011]. ISBN 978-1-4507-6433-9, E.G.S. Pillay Engineering College, Nagapattinma, India, 27-28, May, 2011.
33. A.Martin, K.Arvinth Kumar, S.Balaji,” Minimize the risk involved in share market using DSS and MAS “, Proceedings of International conference on Advances and Emerging Trends in Computing Technologies [ICAET 2010]. PP. 54-60, School of computing, SRM University, Chennai, India, 21-24, June, 2010.

34. Martin, J. Madhusudhanan and V. JothiPremSanker, “Heterogeneous Data Source Access in Web Applications Using Intelligent Mobile Agents”, Proceedings of International Conference on Computational Intelligence and Multimedia Applications 2007 [ICCIMA '07], MepcoSchlenk Engineering College, Sivakasi, Tamilnadu, 13-15, December, 2007.
35. Martin, J. Madhusudhanan and S.Krupa Shankar, “Autonomous Judgments in Web Searching using Intelligent Agents”, Proceedings of International conference on Advanced Computing and Communication [ICACC-2007], Sethu Institute of Technology, Madurai, Tamilnadu, 9-10, February, 2007
36. Meiappane, A. Martin, J.Madhusudannan, T.Miranda and K.Meenakshi, “A Method of Tracking Intruders by use of Mobile Agents”, Proceedings of International Conference on Network Security & Workshop [ICONS2007], Erode Sengunthar Engineering College, Erode, Tamilnadu, 29-31, January, 2007

National Conferences

1. Abirami, A., Miranda Lakshmi, T., & Martin, A. (2025). *Adaptive multimodal emotion understanding with attention-based fusion and context-aware modality weighting*. In **Proceedings of the National Conference on Artificial Intelligence for Sustainable Development and Smart Cities (AI-SDSC'25)**, organized by the Departments of Computer Science, Cyber Security & AIML, Faculty of Science and Humanities, SRM Institute of Science and Technology, Ramapuram, Chennai, India (December 13, 2025).
2. Lemoria, L. C., Miranda Lakshmi, T., & Martin, A. (2025). *Contextual deep learning model for early detection of Android malware using behavioral imprints*. In **Proceedings of the National Conference on Artificial Intelligence for Sustainable Development and Smart Cities (AI-SDSC'25)**, organized by the Departments of Computer Science, Cyber Security & AIML, Faculty of Science and Humanities, SRM Institute of Science and Technology, Ramapuram, Chennai, India (December 13, 2025).
3. Patrick Kipkosis Laboso, Martin A, Thiyagarajan P, Blockchain based AI digital library management system: Revolutionizing library systems into smart knowledge Centers, National Conference on Redefining Librarianship in the AI Technological Era: Innovations, Challenges and Opportunities (ReLAITE-2025), Organized by Department of Library and Information Science, Central University of Tamil Nadu, Thiruvarur, 20 -21, March, 2025.
4. Sindoori, C. K., Kumar, H., Devi, P., Martin, A., & Lakshmi, M. (2024). Technological Paradigms in Indian Banking using Artificial Intelligence: Trends & Insights. 2nd National conference on Recent Trends in Artificial Intelligence and Soft computing (NCRTAS-2024) December, 2024., Department of Artificial Intelligence and Data Science, Bannrai Amman Institute of Technology, Erode, Tamil Nadu, India, 18 December, 2024.

5. Enoch Arulprakash, Martin.A., Emphasizing Interpretability in Neural Networks: An Object-Oriented Proposal, National Level Conference on “Paradigm shift in Embedded, Communication, Artificial Intelligence & Robotics” (PECAR-2K23) organized by Jai Shriram Engineering College, National Conference, Tirupur, Tamil Nadu, 3rd - 4th July 2023
6. Triphal Kumar Sahu, A.Martin, Information security using trapdoor functions, Proceedings of National conference on emerging trends in computer science and technology, organized by Department of Computer Science, Swami Dayanand College of Arts and Science, Thiruvarur, Tamil Nadu, 18, April 2023.
7. A.Martin, Abhishek Shaji. K, Revolutionizing University Mess System: Enhancing Efficiency and Crowd Management with Bi-Directional People Counter IoT Device, 8th National Conference on Innovative Computing Techniques (NCICT'23), Department of Computer Science and Engineering, Dr. M.G.R. Educational & Research Institute, Chennai, 3rd-4th April 2023
8. A.Martin, Bommidi Renukachandra Varma, Stock Price Prediction using Machine Learning, 8th National Conference on Innovative Computing Techniques (NCICT'23), Department of Computer Science and Engineering, Dr. M.G.R. Educational & Research Institute, Chennai, 3rd-4th April 2023
9. A.Martin, Kalayiarasan.K, Design of indoor navigation system using augmented reality for visually impaired, Youth Advanced Computational Convergence (YACC) 2023, Dept. of Computer Science, Rajiv Gandhi National Institute of Youth Development (RGNIYD), Sriperumbudur – 602105, Tamil Nadu, 21-22 March, 2023
10. Martin.A, T. Miranda Lakshmi, V. PrasannaVenkatesan, Selection of Better WAN technology for an organization using AHP and TOPSIS, Proceeding of a National Conference on The Internet of Things, NCIOT-2018, PG Department of computer science, Thiruvalluvar University Model College of Arts & Science, Thiruvannainallur– 607203, 31, January 2018.
11. Martin, Ahalaya, Design of Multi Criteria Reporting for Student Performance Analysis, National Conference on SCAN (Systems, Computation, Automation and Networking) in association with ICTACT and CSI Chapter, Puducherry, Manakula Vinayagar Institute of Technology, Puducherry, 10-March-2017
12. A.Martin, R. Ketharsrigowri, V.Aishwarya, A. Abinaya, V.PrasannaVenkatesan, “Survey on Applications of Ant Colony Optimization in Bankruptcy Prediction”, Proceedings of Third National Conference on Computing Concepts in Current Trends (NC4T'12), Dept. of Computer Applications, Sathyabama University, Chennai, 23-24, Aug, 2012
13. Martin, M.RamyaDevi, M.B.Radhika, M.Malavika,V. PrasannaVenkatesan, “Soft Computing in Students Performance Evaluation: A Survey Report”, Proceedings of Third National Conference on Computing Concepts in Current Trends (NC4T'12), Dept. of Computer Applications, Sathyabama University, Chennai, 23-24, Aug, 2012

14. A.Martin, K. Aiswaryalakshmi, S. Gayathiry, J. Marie Sheela, Dr.V. PrasannaVenkatesan, "An Information Delivery Model on Fuzzy Multi Criteria Decision Making for Banking Business", Proceedings of National Conference on National Conference on Information Technology (NCIT - 2012), Dept. of IT, Pondicherry Engineering College, Puducherry, 15, Feb,2012
15. A.Martin,R.Uthra, A.Kavitha, B.Divya, Dr.V. PrasannaVenkatesan, "The Forward, Backward and Influential Features in CBR Performance", Proceedings of National Conference on Information Technology (NCIT - 2012), Dept. of IT, Pondicherry Engineering College, Puducherry, 15, Feb,2012
16. Martin,T. Miranda Lakshmi, Dr. V. PrasannaVenkatesan, "A Study on Business Intelligence Models to Identify the BI Model for Business Performance", Proceedings of National Conference on National Conference on Information Technology (NCIT - 2012), Dept. of IT, Pondicherry Engineering College, Puducherry, 15, Feb,2012
17. A.Martin, D.Malathy, "Effective Information Processing using semantic web intelligence", Proceedings of National Conference on Recent trends in Information Technology, B.S.Abdur Rahman University, Chennai, 12-13, August,2010
18. A.Martin, M.Manjula ,” Knowledge Discovery in semantic web Intelligence”, Proceedings of National Conference on Recent trends in Information Technology, B.S.Abdur Rahman University, Chennai, 12-13, August, 2010
19. A.Martin, V.PadmaPriya,” A Framework for Business Intelligence Applications using Semantic Relations”, Proceedings of National Conference on Winning Strategies for Business Development & information processing, SakthiMariamman Engineering College, Chennai, 12th, March, 2010
20. A. Martin, K. J Vidhya, S. Priyadharshini, J. Thirumangai, "A Hierarchical Intrusion Detection Model for Manets using C4.5 Decision Tree Classification", Proceedings of the "6th National Conference on Advanced Image Processing and Networking", Dept. of CSE, National Engineering College, Tamilnadu, 5th & 6th, March, 2010.
21. Martin, A. E. NidhinRamadas, M. Shanmugavel, K. G. Kannan, "A Distributed Decision Support System Framework to Provide Clinical Guidelines for Type II Diabetes", Proceedings of the "6th National Conference on Advanced Image Processing and Networking", Dept. of CSE, National Engineering College, Tamilnadu, 5th & 6th, March, 2010.
22. A.Martin, K.Arvinth Kumar, S.Balaji, J.JaganathaSelvan, "Minimizing the Risk Involved in Share Market Using Multi Agent System", Proceedings of National Conference on High Performance Networking & Computing, Dept. of Computer Applications, SRM University, Chennai, Feb 18 & 19-2010
23. T. Miranda Lakshmi, A.Martin, V. JothiPremSanker, "Developing Knowledge Based Systems Using Agile Process Model", Proceedings of National Conference on Computing Technologies, Dept. of CSE, Mepco Schlenk Engineering College, Tamilnadu, 7, March, 2008.

24. Martin, “Intelligent Auction Agents and Agent-Based Decision Support Systems”, Proceedings of National conference on Advanced computing, Dept. of IT, Anna University, M.I.T. Campus, Chennai, India, 29-31, February, 2007
25. Martin, T. Miranda Lakshmi, and V. JothiPremSanker, “Conceptualizing Intelligent Agents for Teaching and Learning”, Proceedings of National conference on current trends in soft computing, Sri Ramakrishna Engineering College, Coimbatore, 16-17, January, 2007.
26. P.Sivakumar, J.Madhusudnan, A.Martin, P.Nirmaleswaran, Mobile Assistance system, Proceedings of national seminar on mobile agent applications, K.S.R. College of Engineering, Tamilnadu, 7-8, Sep’ 2007.
27. Martin, “Preventing train-to-train Collisions Using Global Positioning System”, Proceedings of National Seminar on Emerging Trends in Communication and Networking, St. Joseph’s College, Cuddalore, Tamilnadu, 5-6, March, 2005
28. Ramalingam, A., Martin, A., Suresh R., “Process migration in distributed systems”, Proceedings of Seventh ISTE Annual Convention and National Seminar on Recent Advances, Growth & Achievements in Modern Engineering Towards 2020, RAGAME’04, Sri ManakulaVinayagarEngg College, Puducherry, 26-27, Nov’, 2004
29. Kalpana, k., Martin, A., N.S.N. Caillassame., Meiappane, A., “Cross platform JDBC driver implementation using RPC”, Proceedings of Seventh ISTE Annual Convention and National Seminar on Recent Advances, Growth & Achievements in Modern Engineering Towards 2020, RAGAME’04, Sri ManakulaVinayagar Engg. College, Puducherry, 26-27, Nov’, 2004
30. Martin, “Framework for Collaborative Development Environment for Distributed Components Over the Internet”, Proceedings of Seventh ISTE Annual Convention and National Seminar on Recent Advances, Growth & Achievements in Modern Engineering Towards 2020, RAGAME’04, Sri ManakulaVinayagar Engg College, Puducherry, 26-27, Nov’, 2004
31. Martin, “Building Web Applications with UML”, Proceedings of National seminar on UML Based Design Environment for Interactive Applications, Thiagarajar College of Engg., Madurai, Tamilnadu, 25-26, March, 2004

TEXT BOOK DETAILS

Book Title (1) : Enhancing Explainability of Neural Network

Authors : Enoch Arulprakash & Martin Aruldoss

Publisher : LAP Lambert Academic Publishing, Germany, ISBN: 9786208064341

Year : 2024, Pages: 180

Book Title (2) : Reference Model for Business Intelligence to Predict Bankruptcy

Authors : Aruldoss Martin & Venkatasamy Prasanna Venkatesan

Publisher : LAP Lambert Academic Publishing, Germany, ISBN: 9783659773150

Year : 2015, Pages: 272

Chapters in Books – International Publishers

1. Thamarai Selvan, R., Kannan, S., Suman, S. N., & Martin, A. (2025). Classical and post-quantum cryptography: A study on RSA, CRYSTALS-Kyber and HQC. In K. R. Kishor & D. S. Nair (Eds.), *Facets of some modern applications of mathematics* (pp. 113–123). Department of Mathematics, D. B. Pampa College, Parumala. ISBN: 978-81-993189-3-9
2. Kumar, H., Martin, A., Wynn, M., & Lakshmi, M. (2025). Research challenges in deep generative models for healthcare and medical applications. In *Advances in deep generative models for healthcare and medical applications* (pp. 251–271). CRC Press.
3. Aruldoss, M., Travis, M. L., & Venkatasamy, P. V. (2024). Identification of user preference using human–computer interaction technologies and design of customized reporting for business analytics using ranking consistency index. In R. Rawat, R. K. Chakrawarti, S. K. Sarangi, P. Vyas, M. S. Alamanda, K. Srividya, & K. S. Sankaran (Eds.), *Conversational artificial intelligence*. John Wiley & Sons. <https://doi.org/10.1002/9781394200801.ch9>
4. Aruldoss, Martin., Adarsh, V., & Travis, M. L. (2022). A Study and Experimentation on Bitcoin Price Forecasting with Time Series Analysis and Recurrent Neural Network (RNN). In *Blockchain Technology - Exploring Opportunities, Challenges, and Applications*, CRC Press, 2022, pp. 247-258 ISBN: 9781003138082, Taylor and Francis Group, UK
5. A.Martin, Ahalya Kannan, Kamil Khan Ameer Khan, Miranda Lakshmi, Prasanna Venkatesan, *Mobile Computing in the Developing World: A Case Study of the Fisherwoman App in Tamil Nadu, India*. In M. Wynn (Ed.), *Handbook of Research on Digital Transformation, Industry Use Cases, and the Impact of Disruptive Technologies*, IGI Global, USA, October, 2021, 73-91. <http://doi:10.4018/978-1-7998-7712-7.ch005>, ISBN13: 9781799877127
6. A.Martin, Miranda Lakshmi, *A Study on Tools and Techniques of Big Data Analytics for Text Summarization from Multi-Documents*. In A. Singh (Ed.), *Big Data Analytics for Improved Accuracy, Efficiency, and Decision Making in Digital Marketing*, IGI Global, USA, June, 2021, pp. 19-32 <http://doi:10.4018/978-1-7998-7231-3.ch002>, ISBN13: 9781799872313
7. Martin Aruldoss, Miranda Lakshmi Travis, Prasanna Venkatesan Venkatasamy, *A Study and Estimation of Different Distance Measures in Generalized Fuzzy TOPSIS to Improve Ranking Order: An Application of Fuzzy TOPSIS on Banking Business In Advanced Fuzzy Logic Approaches in Engineering Science*, September'2018, DOI: 10.4018/978-1-5225-5709-8, ISBN13: 9781522557098

8. Martin, A., T. Miranda Lakshmi, V. Prasanna Venkatesan, Identification of User Preference for Multi Criteria Reporting in Business Intelligence - A case study on Banking Business In Improving E-Commerce Web Applications Through Business Intelligence Techniques, IGI Global, USA, February, 2018, ISBN13: 9781522536468, DOI: 10.4018/978-1-5225-3646-8
9. Martin, A., Miranda Lakshmi, T., Prasanna Venkatesan, V., A Comparative Study on TOPSIS and COPRAS: Identification of Better Place and Crop for Cultivation In Advanced Engineering Research and Applications (AERA), Research India Publications, Delhi, India, November, 2017. ISBN: 978-81-935729-8-6

AWARDS AND RECOGNITION

- **Registered Design Pattern:** Mannequin for Smart Jewel Display, Design No. 392758-001, Government of India, 14 August 2023 as a Co-contributor
- EMC2 certified “*Data Science and Big Data Analytics*” programmer, 2015
- Oracle Java 2 Certified Programmer (Pin No. 236674491OCPJSE6P), 2016
- Faculty Mentor Certification for ‘The Great Mind Challenge 2007, 2008 & 2010’ from IBM, India
- Played a key role in IBM ‘The Great Mind Challenge’ as a Coordinator to bring the Best Performing College award to Sri Manakula Vinayagar Engineering College, Puducherry consecutively for 6 years since 2007.

RESEARCH SUPERVISION / PROJECT GUIDANCE SUMMARY

- Ph.D. Scholars:
 - 1 Completed
 - 4 Currently under supervision
- Postgraduate Projects Supervised:
 - M.Tech. (Computer Science and Engineering / Networking) – 13 students
 - M.Phil. (Computer Science) – 2 scholars
 - MCA & M.Sc. (Computer Science) – 87 students

ONLINE RESEARCH PROFILES

- Google Scholar: <https://scholar.google.co.in/citations?user=jFzo-0EAAA AJ&hl=en>
- Scopus Author ID: 56515332800

- ORCID: 0000-0001-9175-6556
- Web of Science Researcher ID: AAE-5866-2020
- UCI Dataset: https://archive.ics.uci.edu/ml/datasets/qualitative_bankruptcy

INVITED LECTURES / RESOURCE PERSON IN CONFERENCES: 42

- Delivered 50+ invited lectures across national-level institutions
- Expert speaker in Big Data Analytics, NoSQL, Cybersecurity, Educational Technologies
- Panelist and keynote speaker in tech summits and university conferences

ORIENTATION / REFRESHER COURSE / WORKSHOP ATTENDED: 25

- Orientation and Induction Programs
 - Capacity Building on Design and Entrepreneurship (CBDE) Pedagogy Workshop, a two-day faculty development program conducted under the Malaviya Mission Teacher Training Programme (MMTTP) organized by Visvesvaraya National Institute of Technology Nagpur on 9th and 10th January 2026.
 - Orientation Course, UGC-HRDC, Pondicherry University – 22/05/2019 to 11/06/2019
 - Induction Program for Faculty, CUTN – 08/09/2018
- Refresher Courses
 - AI Powered ICT Tools for Teaching and Learning conducted by the UGC - Malaviya Mission Teacher Training Centre, University of Calicut, Kerala from 28-01-2026 to 10-02-2026.
 - Recent Advances in Data Science and Quantum Computing, MMTTC, Kannur University – 24/09/2024 to 07/10/2024
 - Refresher Programme (ARPIT) on Big Data Analytics for Smart Grid, NITTTR Chandigarh via SWAYAM – Oct 2019 to Dec 2019
 - Refresher Course, UGC-HRDC, Pondicherry University – 12/10/2022 to 25/10/2022
 - Refresher Course, UGC-HRDC, Pondicherry University – 03/11/2017 to 23/11/2017

- AICTE-ATAL FDPs
 - Fundamentals of Data Science (Online), North Maharashtra University – 22/02/2022 to 26/02/2022
 - Machine Learning Applications for Autonomous Driving, KLE Technological University – 24/01/2022 to 28/01/2022
 - Data Sciences (Online), AICTE ATAL – 05/10/2020 to 09/10/2020

- Other FDPs and National Workshops
 - Research Data Management, Dept. of Library and Information Science, CUTN – 25/11/2024
 - Reach Before You Teach - Empowering Mentors, Dept. of Psychology, CUTN – 27/02/2024 to 29/02/2024
 - Meeting of Minds, IPR Cell, CUTN – 29/01/2024
 - Tourism and Climate Change, Dept. of Tourism and Hospitality, CUTN – 27/12/2021 to 31/12/2021
 - AI Enabled Translational Research in Health Informatics, Manakula Vinayagar Institute of Technology – 25/10/2021 to 29/10/2021
 - Measures to Mitigate Climate Change, Dept. of Life Sciences, CUTN – 12/10/2020 to 16/10/2020
 - Data Science Career Course, Dept. of Data Science, Loyola College – 08/06/2020 to 12/06/2020
 - Enhancing Teaching & Learning Skills, IQAC, Idhaya College for Women – 15/06/2020 to 19/06/2020
 - Cloud and Edge Computing for Big Data Analytics, Dept. of CSE, NIT Trichy – 16/12/2019 to 20/12/2019

- Technical and Domain-specific Workshops
 - “Signal and Image Processing with Machine Learning Applications in Astronomy and Astrophysics,” 16–18 November 2025 organized by IUCAA and Kannur University, Mangattuparamba Campus, Kerala.
 - Coastal Resource Management for Sustainable Development, SERB-GEODELTA, Dept. of Geography, CUTN – 16/03/2022 to 17/03/2022

- AI in Medicine, JIPMER, Puducherry – 04/03/2022
- National Digital Library & NDLI Club Launch, Central Library, CUTN – 15/11/2018
- Big Data Analytics with HADOOP, Dept. of IT, PEC, Puducherry – 10/10/2019 to 11/10/2019

ADMINISTRATIVE AND PROFESSIONAL EXPERIENCE

Central University of Tamil Nadu (CUTN)

- Coordinator, CUTN Alumni Association (Department of Computer Science) – 2022 to Present
- Member, Institution’s Innovation Council (IIC, MHRD Initiative) – 2022–2023
- Chairperson/Member, Local Purchase Committees – 2016 to 2025 (Stationery, IT accessories, furniture, CCTV, software – PIX4D, AV systems, etc.)
- Member, Selection Committee – Kendriya Vidyalaya (KV-CUTN, KV-Karaikal) – 2022 to 2025
- Member, Website Development and Email Issue Committees – 2021 to 2023
- Coordinator, UGC-NET Coaching, Remedial Coaching, and Value-Added Courses – 2021 to 2024
- Member, PG and Ph.D. Admission Committees – 2016 to 2025
- Member, Technical Committee – NEP 2020 Conference
- Member, Finance and Library Committees – 2016 to 2019
- Class/Faculty Advisor – 2016 to present
- University Observer – CUCET 2018, 2020
- Contributor – Annual Report Editorial Committee (2018), AQAR (2018), NAAC & IQAC (2018–2020), E-Wizard Implementation (2019), Screening and Certificate Verification Committees

Sri Manakula Vinayagar Engineering College, Puducherry

- Head, Department of MCA – 2013 to 2016
- Placement Coordinator – Department of IT (2009–2012), Department of MCA (2007–2009)
- Research and Development Coordinator – 2015 to 2016
- Value-Added Course Coordinator – 2014 to 2016

- Chairman, MCAWHITZ Club – 2014 to 2016
- Coordinator – IT Finishing School Project (Govt. of Puducherry) – 2013
- IBM The Great Mind Challenge Coordinator – 2007 to 2012
- Member/Chairman, Quality Circle Meeting (QCM) – IT (2009–2013), MCA (2013–2016)
- Press Media Coordinator – 2012 to 2016
- Member, Stock Verification Committee – 2007 to 2016

PROFESSIONAL DEVELOPMENT ACTIVITIES

- ATAL FDP Grant – Rs. 93,000 for Blockchain Analytics & Big Data (Dec 2021)
- **Organized/Coordinated Workshops and FDPs at CUTN:**
 - National Workshop on Computational Intelligence using Machine Learning (Mar 2024)
 - International Webinar on Disruptive Technologies in Smart Computing (Sep 2020)
 - IoT using Raspberry Pi (Apr 2018)
 - Orientation to Research Fundamentals (Feb 2018)
 - Digitization of Resources using Open-Source Software: DSpace (Mar 2017)
- **Coordinated Technical Events and Symposiums at SMVEC:**
 - Big Data Competition (2015–2016), Innovation (2014–2015), TCS CodeVita/Testimony (2013–2015)
 - Unisys CLOUD 2020 (2014), TANTRA Symposium Series (2009–2015), SMART International Conference (2011)
- **Conducted training programs with IBM-India, ICTACT-Tamil Nadu, and others**

OUTREACH & CAREER GUIDANCE ACTIVITIES

- Delivered seminars and career guidance talks at schools and colleges from 2013 to 2023 in Tamil Nadu and Puducherry
- Organized Zenith 2017 and DREAMS 2016 for UG students (CUTN and SMVEC)
- Conducted 'Sikarathi Nokki' career programs (2013, 2015, 2016) in association with NLC, Neyveli, Tamil Nadu

MEMBERSHIP IN ADVISORY COMMITTEES

- External Subject Expert for Board of Studies member in PG Computer Science & Software Engineering, Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu.
- University-nominated Member of the Board of Studies in the Postgraduate and Research Department of Computer Science at St. Joseph's College of Arts and Science, Cuddalore, Tamil Nadu, affiliated to Annamalai University, Chidambaram, Tamil Nadu.
- Board of studies member in BBA Fintech and Digital Marketing, School of Arts and Science, Sri Manakula Vinayagar Engineering College, Puducherry.
- Board of studies member in B. Com in Computer, School of Arts and Science, Sri Manakula Vinayagar Engineering College, Puducherry.
- Board of studies member in BCA – Department of Computer Applications, School of Arts and Science, Sri Manakula Vinayagar Engineering College (Autonomous), Puducherry.
- Board of studies member in BSc Computer Science, Department of Computer Science, EGS Pillay Arts and Science College, Nagapattinam, Tamil Nadu (2021-2022, 2022-2023)
- Board of studies member in BBA Computer Applications, St. Joseph's College of Arts and Science, Cuddalore, Tamil Nadu (2018-2019 & 2019-2020)

JOURNAL REFERRING / PEER-REVIEWING

- Applied Soft Computing (Elsevier)
- Enterprise Information Management (Emerald)
- Information Science (Elsevier)
- Expert Systems with Applications (Elsevier)
- Int. J. of Business Intelligence and Data Mining – Inderscience Publishers
- International Journal of Computational Intelligence Systems (Springer)

MEMBERSHIP OF PROFESSIONAL BODIES

- **Indian Society for Technical Education** (Life Member: LM 105836)

REFEREES

Sl. No	Name and Designation	Address	Phone	Email
1	Dr.V.Prasanna Venkatesan, Professor	Department of Banking Technology, School of Management, Pondicherry University	Telephone No 0413-2654 652 Mobile No.: 9488734883	prasanna.btm@ pondiuni.edu.in, prasanna_v@ yahoo.com
2	Dr. S. Sudalai Muthu, Professor	Department of Banking Technology, School of Management, Pondicherry University.	Telephone No 0413-2654656 Mobile No.: 9842063718	sudalaim.btm@ pondiuni.edu.in
3	Dr. S. Kanmani, Professor	Dept. of Information Technology, Puducherry Technological University, Puducherry.	Telephone No 0413-22655281 Extn: 603 Mobile No.: 9443206299	kanmani@ ptuniv.edu.in