

## 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.**



### CAREER OBJECTIVE

- To cultivate the young minds to meet out the globally competitive challenges
- Like to put my skills for the overall success of the organization

### AREAS OF INTEREST

- Business Intelligence
- Evolutionary Computation Techniques
- Data Science and Big Data Analytics
- Artificial Intelligence and Machine Learning
- Multi Criteria Decision Making (MCDM) techniques

### TEACHING EXPERIENCE

More than 19 years of teaching experience in the field of Computer Science and its different 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 Manakula Vinayagar Engineering College, Madagadipet, Puducherry - 605 107	Associate Professor	14-06-2012	11-07-2016
		Assistant Professor	27-05-2002	13-06-2012

## EDUCATIONAL QUALIFICATION

Sl No	Examination / Degree	Subject	University / Institution / School	Month & Year of passing	Percentage / CGPA
1.	SSLC	Tamil Nadu State Board	St.Joseph's Higher Secondary School, Cuddalore, Tamil Nadu	April-1992	78.4
2.	HSC	Mathematics and Biology	St.Joseph's Higher Secondary School, Cuddalore, Tamil Nadu	March-1994	64.58
3.	B.Sc	Chemistry	St.Joseph's College of Arts and Science, Cuddalore, University of Madras, Tamil Nadu	March-1997	68.17
4.	MCA	Computer Applications	Bharathidasan University, Tiruchirappalli	April-2000	70.68
5.	PGDBA	Business Administration	Pondicherry University	July-1998	60
6.	ME	Computer Science and Engineering	Mailam Engineering College, Mailam, Anna University, Tamil Nadu.	June-2007	81.75
7.	Ph.D	Computer Science and Engineering (Banking Technology)	Pondicherry University, Puducherry	14-11-2014	-

## RESEARCH HIGHLIGHTS

- **Interdisciplinary research work in Computer Science and Engineering (Banking Technology)**
- Published research papers in world highly recognized Journals...
  - *Expert Systems with Applications, 2023, Impact Factor 8.665*
  - *Journal of King Saud University - Computer and Information Sciences (Impact factor 13.473) – 2022*
  - *Springer Nature Computer Science – 2020 and 2022*

- *IEEE Transactions on Evolutionary Computation*(Impact factor 16.497)- 2016
- *Elsevier - International Journal of Information Management* (Impact factor 18.958) - 2014
- *Emerald – Journal of Enterprise Information Management*(Impact factor 5.839) – 2015 and 2014
- *Inderscience - 2015, and other top journals.*
- **Six book chapters** (IGI Global publishers, USA, CRC Press, USA)
- **One book by LAP Lambert Academic Publishing, Germany**
  - **Citation: 1299**
  - **h-index: 16**
  - **i-10 index: 18**
- Research work on “**Qualitative Bankruptcy Data Set**” has been recognised by *Center for Machine Learning and Intelligent Systems, University of California, USA(UCI)*. Since its launching (Feb’, 2014) nearly **1,00,000 researchers** have visited the qualitative bankruptcy data set.
- Acted a research supervisor for the project titled “*A Study and Development of Mobile App for Fisherwomen in Nagapattinam District to Reduce Complexities for Selling of Fishes*” (**Project Code: CSE045**) from Tamil Nadu State Council for Science and Technology (TNSCST) under Student Project Scheme 2019-2020 and received a grant of 0.075 lakhs.

## RESEARCH PAPERS IN PEER-REVIEWED OR UGC LISTED JOURNALS

### Publications in Journals: 43

- Web of Science: 06 (*SCI – 03 and SSCI – 03*)
- Scopus – 06
- UGC Listed – 06
- Refereed Journals - 25

**Publications in the Proceedings of Conference/Seminars/Symposia: 51***International –25 and National - 26**Text Books published by International publisher: 01**Book Chapters by International Publishers: 06*

<b>Sl. No</b>	<b>Title of the Research Paper</b>	<b>Name of the Journal</b>	<b>Authors</b>	<b>Vol., PP No. &amp; Year</b>	<b>ISSN / DoI No.</b>
1.	Artificial Emotional Intelligence: Conventional and Deep learning Approach.	Expert Systems with Applications	Kumar, Himanshu, and A. Martin.	Volume 212, February 2023	<a href="https://doi.org/10.1016/j.eswa.2022.118651">https://doi.org/10.1016/j.eswa.2022.118651</a>
2.	A Study on Indirect Performance Parameters of Object Detection	Springer Nature Computer Science	Arulprakash, Enoch, A. Martin, and T. Miranda Lakshmi.	Volume 3, 386 2022	<a href="https://doi.org/10.1007/s42979-022-01277-9">https://doi.org/10.1007/s42979-022-01277-9</a>
3.	A Study on generic object detection with emphasis on future research directions	Journal of King Saud University - Computer and Information Sciences	Arulprakash, Enoch, and Martin Aruldoss.	Volume 34, Issue 9, 2022	ISSN 1319-1578
4.	A Study on Fight against COVID-19 from Latest Technological Intervention	Springer Nature Computer Science	Arulprakash, Enoch, and Martin Aruldoss.	Volume 1(5):277 2020	2661-8907
5.	A Study and Development of Mobile App for Fisherwomen in Nagapattinam District to Reduce Complexities for Selling of Fishes	Adalya Journal	Ahalya Kannan, Aruldoss Martin	Volume 9, Issue 2, 2020	ISSN: 1301-2746

6.	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	Miranda Lakshmi Travis, Martin Aruldoss, Prasanna Venkatesan Venkatasamy	Volume XI, Issue VIII, PP:203-209 August 2019	ISSN NO: 0886-9367
7.	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	Martin Aruldoss: Miranda Lakshmi Travis: Prasanna Venkatesan Venkatasamy	Vol.-7, Special Issue, 5, March 2019	E-ISSN: 2347-2693
8.	A Study on Different Evolution in Computer Vision	International Journal of Computer Sciences and Engineering	Enoch Arulprakash, Martin Aruldoss	Vol.-7, Special Issue, 5, March 2019	E-ISSN: 2347-2693
9.	A Study on Deep Learning Techniques to Improve Bitcoin Price Prediction	International Journal of Computer Sciences and Engineering	V. Adarsh, A. Martin	Vol.-7, Special Issue 4, Feb 2019, pp.126-129	E-ISSN: 2347-2693
10.	Design of Simplified Triangular Fuzzy TOPSIS: A Case Study on Supplier Selection	International Journal for Research in Applied Science and Engineering Technology	Miranda Lakshmi.T., Martin Aruldoss, V. Prasanna Venkatesan	Volume 5, Issue IX, September 2017, Page No. : 2029-2055	ISSN: 2321-9653
11.	A Genetic Bankrupt Ratio Analysis Tool using Genetic Algorithm to Identify Influencing Financial Ratios	IEEE Transactions on Evolutionary Computation	Lakshmi, Travis Miranda, Aruldoss Martin, and Venkatasamy Prasanna Venkatesan.	Volume 20(1), pp.38-51, 2016	ISSN: 1941-0026

12.	An Identification of Better Engineering College with Conflicting Criteria using Adaptive TOPSIS	International Journal of Modern Education and Computer Science	T Miranda Lakshmi, V Prasanna Venkatesan, A Martin	Vol.8, No.5, pp.19-31, 2016	DOI: 10.5815/ijme cs.2016.05.03
13.	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 (Inderscience)	Martin, Aruldoss, Travis Miranda Lakshmi, and Venkatasamy Prasanna Venkatesan	Vol. 5 (3), pp. 211–246, 2015	2040-1078
14.	A Reference Model for Business Intelligence to Predict Bankruptcy	Journal of Enterprise Information Management (Emerald)	Martin Aruldoss, Miranda Lakshmi Travis, V Prasanna Venkatesan	Vol. 28 Issue 2 pp. 186 – 217, 2015	1741-0398
15.	A Survey on Recent Research in Business Intelligence	Journal of Enterprise Information Management (Emerald)	Martin Aruldoss, Miranda Lakshmi Travis, V Prasanna Venkatesan	Volume 27, Issue 6, 2014	1741-0398
16.	An information delivery model for banking business	International Journal of Information Management (Elsevier)	A Martin, T Miranda Lakshmi, V Prasanna Venkatesan	Volume 34, Issue 2, pp. 139-150 2014	ISSN: 0268-4012
17.	A Hybrid Bee swarm Optimized Multicast Routing for Reducing	Advances in Natural and Applied	R Vanitha, A Martin, A Ramalingam J	9(6) Special 2015,	ISSN (online)1998-1090

	Packet Loss in VANET	Sciences	Madhusudhanan	Pages: 14-18	
18.	Design and Verification of Pervasive System Security	Advances in Natural and Applied Sciences	S Geetha, J Madhusudanan, V Prasanna Venkatesan, A Martin	9(6) Special 2015, Pages: 14-18	ISSN (online)1998-1090
19.	A Hybrid Model of TOPSIS with SAW to Identify a Better College for Students	Int. Jr. of Applied Engineering Research	Martin Aruldoss, V. Prasanna Venkatesan, T. Miranda Lakshmi	Vol. No. 10 No. 20, 2015, pp.19250-19255	Online ISSN 0973-9769
20.	Identification of a better laptop with conflicting criteria using TOPSIS	International Journal of Information Engineering and Electronic Business	Lakshmi, T. Miranda, V. Prasanna Venkatesan, and A. Martin.	7, 6, 28-36, 2015	DOI: 10.5815/ijieeb.2015.06.05
21.	A Comparative Study on COPRAS & COPRASG: A Case Study on Finding Better Hospital for Cardiology Treatment	Int. Jr. of Applied Engineering Research	Lakshmi, T. Miranda, V. Prasanna Venkatesan, and A. Martin.	Vol. No. 10 No. 20, 2015, pp.19270-19275	Online ISSN 0973-9769
22.	Time scheduling system using domain-specific modeling	International Journal of Innovative Science, Engineering & Technology	Ramesh Ramanathan, Martin, Aruldoss	Vol. 2 Issue 3, PP.143-147 March 2015	ISSN 2348 – 7968
23.	A Survey on Sentiment Analysis Applied in Opinion Mining	Journal of Network Communications and Emerging Technologies (JNCET)	Vasantharaj, S., A. Martin, A. Meiappane, and J. Madhusudnan.	1, 1, 2015, PP:15-21	ISSN: 2395-5317

24.	Evaluation and Generation of Meta Modeling tools for Domain Specific Modeling Language	International Journal of Scientific & Engineering Research	Chanchal Jayaraj, Ramesh.R, Prasanna Venkatesan.V, Martin.A	Volume 6, Issue 5, pp:1143-1150	ISSN 2229-5518
25.	Tools used in Web Services as Web Based Learning Process	International Journal of Engineering and Innovative Technology	D.Thara Parameswari, N. Danapaquiame, A.Martin	Volume 5, Issue 5, PP: 86-89 November 2015	ISSN: 2277-3754
26.	Parallel and Distributed Simulation System Using Mspac Algorithm	Australian Journal of Basic and Applied Sciences	Thara Parameswari, Aruldoss Martin, Danapaquiame. N	9(36) December 2015, Pages:573-582	ISSN: 2309-8414 (online)
27.	Catching Strategies for Distributed System	International Journal of Engineering & Technology Innovations	Thara Parameswari, Danapaquiame. N, Aruldoss Martin	Vol. 2 Issue 5, PP 5-11, November 2015	ISSN 2348-0866 (Online)
28.	A Framework to Develop qualitative Bankruptcy Prediction Rules using Swarm Intelligence	St. Joseph's Journal of Humanities and Science	Martin, Aruldoss, Travis Miranda Lakshmi, and Venkatasamy Prasanna Venkatesan.	8 73-81, 2014	ISSN: 2347-5331
29.	An Analysis on Performance of Decision Tree Algorithms using Student's Qualitative Data	International Journal of Modern Education & Computer Science	T Miranda Lakshmi, A Martin, R Mumtaj Begum, V Prasanna Venkatesan	Volume 5, No. 5, pp. 18-27, 2013	DOI: 10.5815/ijmecs



30.	An Analysis of Students Performance using Genetic Algorithm	Journal of Computer Sciences and Applications	Lakshmi, T. Miranda, A. Martin, and V. Prasanna Venkatesan.	Volume 1, No. 4, pp.75-79, 2013	ISSN Online : 2328-725X, DOI: 10.12691/jcsa-1-4-3
31.	An Analysis on Qualitative Bankruptcy Prediction Rules using Ant-Miner	International Journal of Intelligent Systems & Applications	A Martin, T Miranda Lakshmi, V Prasanna Venkatesan	Volume 6, No. 1, pp.36-44, 2013	DOI: 10.5815/ijisa
32.	A Survey on Multi Criteria Decision Making Methods and its Applications	American Journal of Information Systems	Aruldoss, Martin, T. Miranda Lakshmi, and V. Prasanna Venkatesan.	Volume 1, No. 1, pp.31-43, 2013	ISSN (Online): 2374-1988
33.	Effective Prediction of Bankruptcy based on the Qualitative factors using FID3 Algorithm	International Journal of Computer Applications	Martin, A., S. Balaji, and V. Prasanna Venkatesan.	Volume 43, No. 21, pp.28-32, 2012	ISSN (0975 – 8887) DOI: 10.5120/6389-8799
34.	Framing Qualitative Bankruptcy Prediction Rules Using Ant Colony Algorithm	International Journal of Computer Applications	Martin, A., V. Aswathy, and V. Prasanna Venkatesan.	Volume 41, No. 21, pp.36-44, 2012	ISSN: 0975 – 8887
35.	A Business Intelligence Model using Fuzzy Multi Criteria Decision Making for Banking Business	International Journal of Information Technology and Engineering	A. Martin, K. Aiswaryalakshmi, S. Gayathiry, J. Marie Sheela and V. Prasanna Venkatesan	Volume 3, No.1-2, pp. 319-326, 2012	ISSN: 2229-7367
36.	A Business Intelligence Model for Predicting Bankruptcy Using CBR With Essential Features	International Journal of Information Technology and Engineering	Martin, A., Uthra, R., Kavitha, A., Divya, B. and Prasanna Venkatesan,	Volume 3, No.1-2, pp. 319-326, 2012	ISSN: 2229-7367

37.	An Analysis on Qualitative Bankruptcy Models to Frame Bankruptcy Prediction Rules using Ant Colony Algorithm	CiiT International Journal of Automation and Autonomous Systems	Martin, A., V. Aswathy, S. Balaji, and V. Prasanna Venkatesan	Volume 3, No.8, PP: 492-496, 2011	ISSN: 0974 – 9551
38.	To Find Best Bankruptcy Model using Genetic Algorithm	CiiT International Journal of Artificial Intelligent Systems and Machine Learning	A Martin, J Madhusudhnan, T Miranda Lakshmi, V Prasanna Venkatesan	Volume 8, Issue 1, PP: 111-122, 2011	Online: ISSN 0974 – 9543
39.	A Business Intelligence Model to Predict Bankruptcy using Financial Domain Ontology with Association Rule Mining Algorithm	International Journal of Computer Science Issues	A Martin, M Manjula, V Prasanna Venkatesan	Volume 8, Issue 3, No. 2, pp.211-218, 2011	ISSN (Online version): 1694-0784
40.	A Framework for Predicting Phishing Websites using Neural Networks	International Journal of Computer Science Issues	Anuthamaa Martin, Na Ba Anuthamaa, M Sathyavathy, Marie Manjari Saint Francois, Dr V Prasanna Venkatesan	Volume 8, Issue 2, pp.330-336, 2011	ISSN (Online version): 1694-0784
41.	A Framework for Business Intelligence Application using Ontological Classification	International Journal of Engineering Science and Technology	A Martin, D Maladhy, V Prasanna Venkatesan	Volume 3, No. 2, pp.1213-1221, 2011	ISSN: 2141-2839
42.	A Hybrid Model for Bankruptcy Prediction using Genetic Algorithm, Fuzzy C-Means and Mars	International Journal on Soft Computing	A Martin, V Gayathri, G Saranya, P Gayathri, Prasanna	Vol.2, No.1, pp.12-24, 2011	e-ISSN: 2229 - 6735, DOI:10.5121/ijsc

			Venkatesan		
43.	Multi Agent Communication System for Online Auction with Decision Support System by JADE and TRACE	International Journal of Convergence Information Technology	A Martin, T Miranda Lakshmi, J Madhusudanan	Volume 4, Number 2, June 2009	ISSN: 1975-9320

## BOOK CHAPTERS

Sl. No	Title of the Book	Name of the Publisher, Month, Year	ISBN/ ISSN
1.	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 CRC Press.	CRC Press, 2022, pp. 247-258	9781003138082
2.	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	<a href="http://doi:10.4018/978-1-7998-7712-7.ch005">http://doi:10.4018/978-1-7998-7712-7.ch005</a>
3.	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	<a href="http://doi:10.4018/978-1-7998-7231-3.ch002">http://doi:10.4018/978-1-7998-7231-3.ch002</a>
4.	Advanced Fuzzy Logic Approaches in Engineering Science - Chapter 10 - A Study and Estimation of Different Distance Measures in Generalized Fuzzy TOPSIS to Improve Ranking Order	IGI Global, USA, September, 2018	EISBN13: 9781522557104, DOI: 10.4018/978-1-5225-5709-8,
5.	Improving E-Commerce Web Applications Through Business Intelligence Techniques - Chapter 2 Identification of User Preference for Multi-Criteria Reporting in Business Intelligence	IGI Global, USA, February 2, 2018	ISBN-13: 978-1522536468

6.	Advanced Engineering Research and Applications (Volume - VI) - Chapter - 16 - A Comparative Study on TOPSIS & COPRAS: Identification of Better Place and Crop for Cultivation	Research India Publications, Delhi, November, 2017	ISBN: 978-81-935729-8-6
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## BOOKS

S.No.	Title of the Book	Name of the Publisher, Month, Year	ISBN/ ISSN
1	Reference Model for Business Intelligence to Predict Bankruptcy	LAP Lambert Academic Publishing, Germany, September, 2015	9783659773150

## AWARDS AND RECOGNITION

- **EMC2** certified **“Data Science and Big Data Analytics”** programmer
- **Oracle Java 2 Certified Programmer** (Pin No. 236674491OCPJSE6P).
- **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 PROJECTS (COMPLETED)

Sl. No	Title of the Project	Funding Agency	Grant Sanctioned (in Lakhs)	Duration	Sanctioned From	Sanctioned Till
1	A Study and Development of Mobile App for Fisherwomen in Nagapattinam	Tamil Nadu State Council for Science and Technology - Student Project	0.075	4 Months	March-2020	June-2020

	District to Reduce Complexities for Selling of Fishes	Scheme (SPS) - 2019-2020				
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## H-INDEX & REFERENCE

Scholar ID	Link	H-Index / Citation
<ul style="list-style-type: none"> <li>▪ Orcid Id: 0000-0001-9175-6556</li> </ul>	<a href="https://orcid.org/0000-0001-9175-6556">https://orcid.org/0000-0001-9175-6556</a>	-
<ul style="list-style-type: none"> <li>▪ Scopus Id AuthorID: 56515332800</li> </ul>	<a href="https://www.scopus.com/authid/detail.uri?authorId=56878068200">https://www.scopus.com/authid/detail.uri?authorId=56878068200</a>	Citation: 156 H-index: 07
<ul style="list-style-type: none"> <li>▪ Google Scholar Id</li> </ul>	<a href="https://scholar.google.co.in/citations?user=jFzo-0EAAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=jFzo-0EAAAAJ&amp;hl=en</a>	H-index: 16, i10-index: 18, Citations: 1301
<ul style="list-style-type: none"> <li>▪ UCI Qualitative Bankruptcy Data Set - University of California, Irvine</li> </ul>	<a href="https://archive.ics.uci.edu/ml/datasets/qualitative_bankruptcy">https://archive.ics.uci.edu/ml/datasets/qualitative_bankruptcy</a>	-
<ul style="list-style-type: none"> <li>▪ ResearchGate</li> </ul>	<a href="https://www.researchgate.net/profile/Martin_Aruldoss3/stats">https://www.researchgate.net/profile/Martin_Aruldoss3/stats</a>	-
<ul style="list-style-type: none"> <li>▪ LinkedIn</li> </ul>	<a href="https://www.linkedin.com/in/martin-aruldoss-37b1a055/">https://www.linkedin.com/in/martin-aruldoss-37b1a055/</a>	-
<ul style="list-style-type: none"> <li>▪ Web of Science ResearcherID AAE-5866-2020</li> </ul>	<a href="https://publons.com/researcher/3398898/martin-aruldoss/">https://publons.com/researcher/3398898/martin-aruldoss/</a>	Citation: 84 H-index: 06
<ul style="list-style-type: none"> <li>▪ Blogspot</li> </ul>	<a href="https://martinaruldoss.blogspot.com/">https://martinaruldoss.blogspot.com/</a>	Blogs

## M.Phil / M. Tech / MCA / M.Sc DISSERTATION GUIDED

Programme	Dissertation / Thesis - Guided
<ul style="list-style-type: none"> <li>▪ M.Tech. Computer Science and Engineering and M.Tech Networking</li> </ul>	13
<ul style="list-style-type: none"> <li>▪ M.Phil. Computer Science</li> </ul>	02
<ul style="list-style-type: none"> <li>▪ MCA &amp; M.Sc. Computer Science</li> </ul>	67

**INVITED LECTURES / RESOURCE PERSON/ PAPER PRESENTATION IN SEMINARS/ CONFERENCE/ FULL PAPER IN CONFERENCE PROCEEDINGS**

<b>Sl. No</b>	<b>Title</b>	<b>Name of the Event</b>	<b>Organizer / Institute</b>	<b>Month &amp; Year</b>
1.	Emphasizing Interpretability In Neural Networks : An Object – Oriented Proposal	National Level Conference on “Paradigm shift in Embedded, Communication, Artificial Intelligence & Robotics” (PECAR-2K23)	Jai Shriram Engineering College, National Conference, Tirupur, Tamil Nadu	3rd - 4th July 2023
2.	Comparison and Performance Evaluation of Fusion Mechanism for Audio-Video based Multitmodal Emotion Recognition	International Conference on Soft Computing and Signal Processing	Malla Reddy College of Engineering & Technology, Hyderabad, India	23 - 24 June 2023
3.	Information Security using TRAPDOOR Function	National Conference on Emerging Trends in Computer Science and Technology	Swami Dayananda College of Arts & Science, Thiruvavur	20- 21 April 2023
4.	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,	3 <sup>rd</sup> -4th April 2023
5.	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,	3 <sup>rd</sup> -4th April 2023
6.	Detection of Chemicals in Fruits	International Conference on Energy	Nethaji Subash Chandra Bose Group of Institutions,	03 April 2023.

	and Vegetables using IoT	Conservation for Future energy systems, sponsored by Oil and Natural gas Corporation Limited, Cauvery Asset Karaikal	Thiruvarur	
7.	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
8.	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
9.	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
10.	Artificial Engine And Machine Learning Techniques for Business Management	Skill Enhancement Program	Dept. of B.Com Bank Management, St.Joseph’s College of Arts and Science (Autonomous), Cuddalore	12/07/2023
11.	Exploration of computing applications for business administration	Capacity Development Program	Department of Business Administration, St.Joseph’s College of Arts and Science (Autonomous), Cuddalore	11/07/2023
12.	Cyber Security	Skill Development Program	PG Department of Computer Applications, St.Joseph’s College of Arts and Science (Autonomous), Cuddalore	05/04/2023.
13.	Exploration of Computing	Invited Lecture	Department of Artificial Intelligence and Data Science,	06/04/2023.

	Applications in Artificial Intelligence		Sri Manakula Vinayagar Engineering College (Autonomous), Puducherry	
14.	An Exploration of Cyber Crime Causes and Measures to Prevent it	Skill Development Program	Department of Mathematics, St. Joseph's College of Arts and Science (Autonomous), Cuddalore	24/03/2023.
15.	Cyber Safe	Skill Development Program	St. Joseph's College of Arts and Science (Autonomous), Cuddalore	06/02/2023
16.	Cyber Safe	Skill Development Program	St. Joseph's College of Arts and Science (Autonomous), Cuddalore	21/01/2023
17.	Big Data and its Storage Types	Two days seminar	PG and Research Department of Computer Science, St. Joseph's College of Arts and Science.	06/10/2022
18.	Publishing Research Works in Indexed Journals	Staff Training Program	Department of B.Com Bank Management and Department of Business Administration, St. Joseph's College of Arts and Science (Autonomous), Cuddalore	07/01/2022
19.	Big Data Analytics	One day seminar	PG Department of Computer Science, Nethaji Subash Chandra Bose College, Thiruvarur	13/04/2022
20.	Block chain Technologies	One day seminar	Department of Computer Science, Dharmapuram Gnanambigai Govt. Arts College for Women Mayiladuthurai	29/04/2022
21.	Development of Projects in Computer Science	Webinar	Department of Computer Science, Siddhar Sivagnaai Arts and Science College, Villupuram	11/08/2021
22.	Cyber Security	Webinar	Department of Information Technology, Sri Manakula	06/11/2021



			Vinayagar Engineering College, Puducherry.	
23.	NoSQL Databases, Stock Market Prediction and Basic Data Analytics using R	Online Six Day FDTP - Big Data Analytics	Department of Information Technology, E.G.S. Pillay Engineering College (Autonomous), Nagapattinam	16/12, 17/12 and 20/12/2021
24.	Artificial Intelligence in Teaching and Learning	AICTE Training And Learning (ATAL) Academy Online Elementary FDP	Central University of Tamil Nadu	26/11/2021
25.	Blockchain Analytics and Big Data -The Future of Business Process	AICTE Training And Learning (ATAL) Academy Online Elementary FDP	Central University of Tamil Nadu	09/12/2021
26.	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
27.	Development of Projects in Computer Science	Guest Lecture	Department of Computer Science, Siddhar Sivagnaai Arts and Science College, Villupuram	11/08/2021
28.	Projects in Computer Applications	Guest Lecture	PG Department of Computer Applications, St.Joseph's College of Arts and Science (Autonomous), Cuddalore	08/09/2021
29.	How to conduct Effective Literature Review	International Faculty Development Program on Writing and Publishing Research Papers in Scopus/Web of Science Journals	Department of BBA, St.Joseph's College of Arts and Science (Autonomous), Cuddalore	24/11/2021.
30.	Cyber Security	Seminar	Department of Information Technology, Sri Manakula	06/11/2021

			Vinayagar Engineering College, Puducherry	
31.	Preparation of Thesis	Seminar	PG and Research Dept. of Computer Science, St. Joseph's College of Arts and Science (Autonomous), Cuddalore	01 <sup>st</sup> February, 2020
32.	Challenges and Prospects of Intellectual Property Rights	Staff and Student Exchange Program	Dept. of Business Administration and Bank Management, St. Joseph's College of Arts and Science (Autonomous), Cuddalore	27 <sup>th</sup> -29 <sup>th</sup> February, 2020
33.	Tips and Tricks for Effective Research	National Webinar	Dept of Computer Applications and IQAC, Idhaya College for Women, Kumbakonam, Tamil Nadu	15 <sup>th</sup> -17 <sup>th</sup> May, 2020
34.	Impact of ICT on Students	International Webinar on Role of ICT in Education Sector and its Impact on Students, Faculties and Policy Makers	Dept. of Business Administration and Bank Management, St. Joseph's College of Arts and Science (Autonomous), Cuddalore	2 <sup>nd</sup> June, 2020
35.	Design and Experimentation of Time Series Analysis with Neural Networks to Improve Bitcoin Price Prediction Accuracy	International Virtual Conference on Banking & Financial Technology 2020	Department of Banking Technology School of Management, Pondicherry University	August 13 - 14, 2020
36.	Recent Trends in Information Technology	Inauguration of IT club	Government Girls Higher Secondary School, Cuddalore-Port, Tamil Nadu	09 <sup>th</sup> October-2019
37.	Recent Trends and Career Opportunities in Information Technology	Seminar	Sri Varatham Government Girls Higher Secondary School, Manjakuppam, Cuddalore	11 <sup>th</sup> November-2019
38.	Big Data and Data Analytics	Seminar	Dept. of Computer Science, Saradha Gangadharan College,	09 <sup>th</sup> September,

			Puducherry	2019
39.	Data Analytics in Banking	Seminar	Dept. of Commerce (Bank Management), St Joseph's College of Arts and Science (Autonomous), Cuddalore	03 <sup>rd</sup> September, 2019
40.	Recruitment Strategies and Placement Opportunities	Seminar	PG and Research Department of Computer Science, St. Joseph's College of Arts and Science (Autonomous), Cuddalore	02 <sup>nd</sup> August-2019
41.	Internet of Things (IoT)	Seminar	Dept. of Computer Engineering and Dept. of Information Technology in association with quality assurance cell of Karaikal Polytechnic College, Karaikal	31 <sup>st</sup> July, 2019
42.	Data Science and Big Data Analytics	One day Seminar	Dept. of Computer Science, Periyar Government Arts College, Cuddalore	22 <sup>nd</sup> February, 2019
43.	A Study on Influence of Rank Reversal Metric in TOPSIS Applications	International Conference on Recent Trends in Advanced Computing	PG and Research Department of Computer Science, St. Joseph's College of Arts and Science (Autonomous), Cuddalore	7 <sup>th</sup> February, 2019
44.	Applications of Soft Computing Techniques	International Conference on Recent Trends in Advanced Computing	PG and Research Department of Computer Science, St. Joseph's College of Arts and Science (Autonomous), Cuddalore	07 <sup>th</sup> February, 2019
45.	Big Data Analytics	Seminar	PG and Research Department of Computer Science, St. Joseph's College of Arts and Science (Autonomous), Cuddalore	08 <sup>th</sup> February, 2019
46.	Future Disruptive Technologies	One day seminar	Dept. of Computer Engineering and Dept. of Information Technology in association with quality assurance cell of Karaikal Polytechnic College,	21 <sup>st</sup> December, 2018

			Karaikal	
47.	Mobile Operating System	Two-week FDTP on IT 6601 Mobile Computing from 3/12/2018 – 14/12/2018	Centre for Faculty Development, Anna University, Chennai and Dept. of CSE, UCE-Pattukkottai at University College of Engineering Pattukkottai, Rajamadam, Pattukkottai	03 <sup>rd</sup> - 14 <sup>th</sup> December, 2018
48.	Orientation on Research Areas in Computer Science	Seminar	PG and Research Department of Computer Science, St. Joseph's College of Arts and Science (Autonomous), Cuddalore	22 <sup>nd</sup> November, 2018
49.	Recent Innovations in Computer Science and its Applications in Teaching Methodologies	Seminar	Sacred Heart Teacher Training Institute, Cuddalore	01 <sup>st</sup> October, 2018
50.	Orientation on Research Areas in Computer Science	Seminar	Department of Banking Technology, School of Management, Pondicherry University	20 <sup>th</sup> September, 2018
51.	Orientation on Research Areas in Computer Science	One day National Seminar	Department of Information Technology, Idhaya College for Women, Kumbakonam	06 <sup>th</sup> September, 2018
52.	Recent Trends in Big data	One day National Seminar	Dept. of Computer Science, SiddharSivagnaani Arts and Science College, Puducherry	31 <sup>st</sup> August, 2018
53.	Future Disruptive Technologies	One day Seminar	Department of BCA, Idhaya College for Women, Kumbakonam	27 <sup>th</sup> August, 2018
54.	Career Development Programme for UG students	Seminar	PG and Research Department of Computer Science, St. Joseph's College of Arts and Science (Autonomous), Cuddalore	03 <sup>rd</sup> August, 2018
55.	Use of social media in Service Learning	International Conference on Service	St. Joseph's College of Arts and Science (Autonomous),	02 <sup>nd</sup> August, 2018

		Learning: A tool for Empowering Students Organized by Village Service Learning (VSL) Programme	Cuddalore	
56.	Digital Banking for Business Success	International workshop on Digital Banking for Business Success	Department of Commerce (Bank Management) & Dept. of Business administration, St. Joseph's College of Arts and Science (Autonomous), Cuddalore	18 <sup>th</sup> June, 2018
57.	Future Disruptive Technologies	One day Workshop	Dept. of Computer Science and Dept. of IT, Krishanasamy College of Science, Arts and Management for Women, Cuddalore	28 <sup>th</sup> February, 2018
58.	Technological innovations in Banking Operations	International Conference on Current Strategies and Innovative Practices of Business and Banks in the Digital Epoch	Dept. of B.Com Bank Management and Dept. of Business Administration, St. Joseph's College of Arts and Science (Autonomous), Cuddalore	17 <sup>th</sup> February, 2018
59.	Recent trends in Computer Science	Two day national workshop on IoT using Raspberry Pi	Department of Computer Science, Central University of Tamil Nadu, Thiruvarur	5 <sup>th</sup> -6 <sup>th</sup> April, 2018
60.	An Introduction to different phases of Research	One day National Workshop on Orientation to Research Fundamentals & Recent Innovations in Computer Science	Dept. of Computer Science, Central University of Tamil Nadu, Thiruvarur	24 <sup>th</sup> February, 2018
61.	Research Fundamentals	Two-day workshop on Research Fundamentals and Cloud Infrastructure and Services	PG and Research Dept. of Computer Science, St Joseph's College of Arts and Science(Autonomous), Cuddalore	08 <sup>th</sup> -09 <sup>th</sup> December, 2017
62.	Technologies and educational opportunities in the banking sector	International Workshop on "Contemporary Developments in Banking and	Dept. of B.Com (Bank Management), St Joseph's College of Arts and Science (Autonomous), Cuddalore	23 <sup>rd</sup> September, 2017

		Technology"		
63.	Technologies and Career opportunities in IT	Seminar	Department of Computer Science, Krishanasamy College of Science, Arts and Management for Women, Cuddalore	18 <sup>th</sup> August, 2017
64.	Digital India: Technologies, Opportunities and Challenges	One day workshop on Digital India Initiatives	Department of Computer Science, Central University of Tamil Nadu, Thiruvarur	7 <sup>th</sup> October, 2017
65.	Business Intelligence for Banking Business	Valedictory function of Joe Banco association	Dept. of B.Com (Bank Management), St. Joseph's College of Arts and Science (Autonomous), Cuddalore	28 <sup>th</sup> March, 2017
66.	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 <sup>th</sup> March-2017
67.	A Reference Model for Business Intelligence to predict Bankruptcy	Rashtriya Avishkar Abhiyan	Central University of Tamil Nadu, Thiruvarur	28 <sup>th</sup> February-2017
68.	Enterprise Java Beans	Seminar	Dept. of computer science, Sri Aravindar arts and science college, Villipuram	June-2008
69.	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,	19-20 January, 2018
70.	A Multi-Methodological Multi-Criteria Decision Making	International Conference on Computing Science (ICCCS 18)	Loyola College, Chennai, India	08-09 January, 2018

	(MCDM) Approach for WAN Media Suit Selection			
71.	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 <sup>th</sup> February, 2018
72.	A Study and Identification of Better Normalization, Weight and Distance Methods in Fuzzy design 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	10 <sup>th</sup> September-2016
73.	An Ontology Approach with Extended Region Grow Algorithm to Spray Pesticides	IEEE Sponsored 2nd International Conference on Innovations in Information, Embedded and Communication systems (ICIIECS) 2015	Karpagam College of Engineering, Coimbatore	19 <sup>th</sup> -20 <sup>th</sup> March, 2015
74.	Identification and Counting of Pests using Extended Region Grow Algorithm	IEEE Sponsored 2nd International Conference on Electronics and Communication System, 2015	Karpagam College of Engineering, Coimbatore	26 <sup>th</sup> - 27 <sup>th</sup> February, 2015
75.	A Business Intelligence Framework for Business Performance using Data Mining	IEEE International Conference on Emerging Trends in Science, Engineering, & Technology (INCOSET", 2012)	J.J. College of Engineering and Technology, Tiruchirappalli, India	13 <sup>th</sup> -14 <sup>th</sup> December, 2012

	Techniques			
76.	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	13 <sup>th</sup> -14 <sup>th</sup> December, 2012
77.	A Business Intelligence Model to Predict Bankruptcy Using Financial Domain Ontology with Decision Tree C4.5 Algorithm	International conference on systems, methodologies, automation and research trends - SMART 2012	Sri Manakula Vinayagar Engineering College, Puducherry	December-2012
78.	A BI Model to analyze Bank performance using ontological classification and Text Mining	International conference on systems, methodologies, automation and research trends - SMART 2012	Sri Manakula Vinayagar Engineering College, Puducherry	12-14 December-2012
79.	A Case Study of Performance Analysis on Student and Teacher Using Soft Computing: A Fuzzy Logic Approach	Student Research Symposium (SRS) 2012 co-located with International Conference on Advances in Computing, Communications and Informatics (ICACCI'12)	RMK Engineering College, Chennai	3 <sup>rd</sup> -5 <sup>th</sup> August, 2012
80.	An analysis on Business Intelligence models to Improve Business Performance	IEEE International Conference on Advances in Engineering, Science and Management – [ICAESM 2012]. ISBN 978-81-909042-2-3	E.G.S. Pillay Engineering College, Nagapattinam	30 <sup>th</sup> -31 <sup>st</sup> March, 2012
81.	Prediction of Bankruptcy based	2nd International Conference on	E.G.S. Pillay Engineering College, Nagapattinam, India	28 <sup>th</sup> -29 <sup>th</sup> March



	on Qualitative factors using FID3 Algorithm	Advances in Engineering and Technology - ICAET 2012		h, 2012
82.	An Analysis on Qualitative Bankruptcy Prediction Using Fuzzy ID3 and Ant Colony Optimization Algorithm	IEEE International conference on Pattern Recognition, Informatics and Medical Engineering [PRIME 2012]. ISBN:978-1-4673-1037-6	Periyar University, Salem	21-23 March 2012
83.	To find most impact financial features on bankruptcy models using Genetic Algorithm	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 <sup>th</sup> -28 <sup>th</sup> May, 2011
84.	Minimize the risk involved in share market using DSS and MAS	International conference on Advances and Emerging Trends in Computing Technologies [ICAET 2010]	SRM University, Chennai	21 <sup>st</sup> - 24 <sup>th</sup> June, 2010
85.	Heterogeneous Data Source Access in Web Applications Using Intelligent Mobile Agents	International Conference on Computational Intelligence and Multimedia Applications 2007 [ICCIMA '07]	Mepco Schlenk Engineering College, Sivakasi, Tamilnadu	13 <sup>th</sup> - 15 <sup>th</sup> December, 2007
86.	Autonomous Judgments in Web Searching using Intelligent Agents	International conference on Advanced Computing and Communication [ICACC-2007]	Sethu Institute of Technology, Madurai, Tamilnadu	09 <sup>th</sup> - 10 <sup>th</sup> February-2007
87.	A Method of Tracking Intruders	International Conference on Network	Erode Sengunthar Engineering College, Erode, Tamilnadu	29-31, January-

	by use of Mobile Agents	Security & Workshop [ICONS2007]		2007
88.	Selection of Better WAN technology for an Organization using AHP and TOPSIS	National Conference on The Internet of Things, NCIOT-2018	PG Department of computer science, Thiruvalluvar University Model College of Arts & Science, Thiruvannainallur	31 <sup>st</sup> January, 2018
89.	Survey on Applications of Ant Colony Optimization in Bankruptcy Prediction	Third National Conference on Computing Concepts in Current Trends (NC4T'12)	Dept. of Computer Applications, Sathyabama University, Chennai	23-24, August-2012
90.	Soft Computing in Students Performance Evaluation: A Survey Report	Third National Conference on Computing Concepts in Current Trends (NC4T'12)	Dept. of Computer Applications, Sathyabama University, Chennai	23-24, August-2012
91.	Effective Information Processing using semantic web intelligence	National Conference on Recent trends in Information Technology	B.S.Abdur Rahman University, Chennai	12-13, August-2010
92.	Knowledge Discovery in semantic web Intelligence	National Conference on Recent trends in Information Technology	B.S.Abdur Rahman University, Chennai	12-13, August-2010
93.	A Framework for Business Intelligence Applications using Semantic Relations	National Conference on Winning Strategies for Business Development & information processing	Sakthi Mariamman Engineering College, Chennai	12, March-2010
94.	A Hierarchical Intrusion Detection Model for Manets using C4.5 Decision Tree Classification	6th National Conference on Advanced Image Processing and Networking	Dept. of CSE, National Engineering College, Tamilnadu	5 <sup>th</sup> -6 <sup>th</sup> March, 2010
95.	A Distributed Decision Support	6th National Conference on	Dept. of CSE, National Engineering College,	5 <sup>th</sup> -6 <sup>th</sup> , March-

	System Framework to Provide Clinical Guidelines for Type II Diabetes	Advanced Image Processing and Networking	Tamilnadu	2010
96.	Minimizing the Risk Involved InShare Market Using Multi Agent System	National Conference on High Performance Networking & Computing,	Dept. of Computer Applications, SRM University, Chennai	18-19, February -2010
97.	Developing Knowledge Based Systems Using Agile Process Model	National Conference on Computing Technologies	Dept. of CSE, MepcoSchlenk Engineering College, Tamilnadu	March-2008
98.	Intelligent Auction Agents and Agent-Based Decision Support Systems	National conference on Advanced computing	Dept. of IT, Anna University, M.I.T. Campus, Chennai	16 <sup>th</sup> -17 <sup>th</sup> February , 2007
99.	Conceptualizing Intelligent Agents for Teaching and Learning	National conference on current trends in soft computing	Sri Ramakrishna Engineering College, Coimbatore,	16-17, January-2007
100.	Mobile Assistance system	National seminar on mobile agent applications	K.S.R. College of Engineering, Tamilnadu	7-8, September-2007
101.	Preventing train-to-train Collisions Using Global Positioning System	National Seminar on Emerging Trends in Communication and Networking	St. Joseph's College, Cuddalore, Tamilnadu	5 <sup>th</sup> - 6 <sup>th</sup> March , 2005
102.	Cross platform JDBC driver implementation using RPC	Seventh ISTE Annual Convention and National Seminar on Recent Advances, Growth & Achievements in Modern Engineering Towards 2020, RAGAME'04	Sri ManakulaVinayagarEngg. College, Puducherry	26 <sup>th</sup> -27 <sup>th</sup> November, 2004
103.	Building Web Applications with	National seminar on UML Based Design	Thiagarajar College of Engg., Madurai	25 <sup>th</sup> -26 <sup>th</sup> Marc

	UML	Environment for Interactive Applications		h, 2004
104.	Perspectives on Research Methods	Research Opportunities in Business Intelligence	PG and Research Department of Computer Science, St. Joseph's College of Arts and Science (Autonomous), Cuddalore	28 <sup>th</sup> March, 2016
105.	Framework for Collaborative Development Environment for Distributed Components over the Internet	Seventh ISTE Annual Convention and National Seminar on Recent Advances, Growth & Achievements in Modern Engineering Towards 2020, RAGAME'04	Sri Manakula Vinayagar Engg. College, Puducherry	26 <sup>th</sup> -27 <sup>th</sup> November, 2004

#### ORIENTATION / REFRESHER COURSE / WORKSHOP ATTENDED

Sl.No.	Particulars	Place	From	To
1.	Refresher Course	UGC-HRDC, Pondicherry University, Puducherry	12/10/2022	25/10/2022
2.	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Machine Learning Applications for Autonomous Driving"	KLE Technological University, Karnataka	24/01/2022	28/01/2022
3.	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "FDP on Data Science"	School of Computer Sciences, Kavayitri Bahinabai Chaudhari North Maharashtra University	22/02/2022	26/02/2022
4.	Five days Online National Level Faculty Development Programme on "Tourism and Climate Change-Evidences From India"	Department of Tourism And Hospitality Management, Central University of Tamil Nadu, Thiruvarur	27/12/2021	31/12/2021
5.	SERB-CRG Sponsored Workshop on Management of	SERB-GEODELTA PROJECT, Department of Geography,	16/3/2022	17/3/2022

	Coastal Resources for Sustainable Development	School of Earth Sciences, CUTN		
6.	Online Workshop on Artificial Intelligence in Medicine - 7th Annual JIPMER Research Day Celebrations	Department of Surgical Gastroenterology, JIPMER, Puducherry.	04/03/2022	04/03/2022
7.	Five days National online workshop Artificial Intelligence Enabled Translational Research in Health Informatics	Department of ECE, Manakula Vinayagar Institute of Technology	25/10/2021	29/10/2021
8.	Five days online faculty development programme on "Measures to mitigate climate change"	Department of Life sciences, Central University of Tamil Nadu sponsored by UGC STRIDE	12/10/2020	16/10/2020
9.	AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" (online)	AICTE Training And Learning (ATAL)	5/10/2020	09/10/2020
10.	Five days career course on Data Science (online)	Department of Data Science, Loyola College, Chennai	June 08, 2020	June 12, 2020
11.	Five Days National Level Online Faculty Development Programme on "Techniques in Enhancing Teaching & Learning Skills"	Internal Quality Assurance Cell (IQAC), Idhaya College for Women, Kumbakonam	15th June 2020	19th June 2020.
12.	Five days workshop on Cloud and Edge computing for Big Data Analytics (With a focus on healthcare)	Department of CSE, NIT, Tiruchirappalli	16/12/2019	20/12/2019
13.	Refresher Programme in Teaching (ARPIT) Course for "Big Data Analytics for Smart Grid"	NITTTTR Chandigarh through SWAYAM	Oct'2019	Dec'2019
14.	Two days workshop on Big data analytics with HADOOP	Dept. of Information Technology, Pondicherry	10/10/2019	11/10/2019

		Engineering College, Puducherry		
15.	Orientation Course	UGC-HRDC, Pondicherry University, Puducherry	22/05/20 19	11/06/201 9
16.	Induction Program for Faculty	CUTN	08/09/20 18	08/09/201 8
17.	One-day workshop on National digital library of India & Launching of NDLI club and Readers club	Central Library, Central University of Tamil Nadu	15/11/20 18	15/11/201 8
18.	Refresher Course	UGC-HRDC, Pondicherry University, Puducherry	03/11/20 17	23/11/201 7

## ADMINISTRATIVE EXPERIENCE

### Central University of Tamil Nadu

- Central University of Tamilnadu Alumni Association (CUTNAA) – Dept. of Computer Science – coordinator and member, 2022-2023
- Member - Institution's Innovation Council (MHRD-IIC-CUTN), 2022-2023
- CUTN - Chairperson for Local Purchase Committee - Purchase of Stationery Items for Central Store, 2022-2023
- CUTN - Chairperson for Local Purchase Committee - Purchase of Cleaning Materials for Central Store, 2022-2023
- CUTN – Member - Purchase of Computer Hardware, Computer Peripherals and Network Equipment for IT Section, 2022
- Member in selection committee for KV-CUTN and KV-Karaikal contractual teachers, 2022, 2023
- Member in CUTN web site development and modification, 2022, 2023
- Member in Committee for Email Issue at CUTN, 2021,2022
- Chairperson for Local Purchase Committee - Identification of vendors for purchase of IT Accessory for Kendriya Vidyalaya, 2023-2024
- Member in PG Admission Committee, Central University of Tamil Nadu, 2022,2023
- UGC-NET coaching Coordinator, Computer Science Department, 2021,2022,2023
- Official language coordinator, Computer Science Department, 2021,2022,2023

- Remedial coaching coordinator, Computer Science Department, 2021,2022,2023
- Value added course coordinator, Computer Science Department, 2021,2022,2023
- Technical Committee Member, National Education Policy 2020 Conference at Central University of Tamil Nadu, 2022
- Chairperson for Local Purchase Committee - identification of vendors for purchase of IT Accessory for Kendriya Vidyalaya, 2022
- Member in PG Admission Committee, Central University of Tamil Nadu, 2021
- Member in Purchase committee to purchase Desktop computers, Laptops and Multifunction computers for IT section, Central University of Tamil Nadu, Thiruvarur, 2022
- University Observer for the conduct of CUCET 2020, CUCET-2018
- Department of Computer Science - Finance Committee 2016-2019
- Department of Computer Science - Library Committee 2016-2019
- Class Advisor and Faculty Advisor 2016-2018
- Local Purchase Committee – Member 2016-2017
- Member in Certificate verification Committee 2016
- Member in NIRF 2016,2017,2019
- Annual Report Editorial Committee – 2018
- Member in Fifth Convocation Committee – 2019
- Member in Fourth Convocation Committee -2018
- Member in Third Convocation Committee - 2017
- Dept. Coordinator - AQAR-2018
- Member in E-Wizard System Implementation - 2019
- NAAC re-assessment - 2018-2019 & Department coordinator for IQAC - 2020
- Member for facilitating Screening Committee-2019
- Member in Technical Bid Opening 2019
- Member in organizing -Yeh India Ka Time hai-2017
- Member in Federal Bank recruitment drive – Placement- 2019
- Member for Effective utilization of IT equipment - 2020

## **Sri Manakula Vinayagar Engineering College, Puducherry**

- Head, Dept. of MCA 2013 - 2016
- Value Added Course Coordinator 2014-2016
- Placement Coordinator (Dept. of IT) 2009-2012
- Placement Coordinator (Dept. of MCA) 2007 - 2009
- Research and Development Coordinator 2015- 2016
- Stock Verification Committee 2007 - 2016
- QCM - Quality Circle Meeting - Member – Dept of IT - 2009-2013
- QCM - Quality Circle Meeting - Chairman – Dept. of MCA – 2013-2016
- MyProgram - Subject Head – 2014-2015
- IBM - The Great Mind Challenge - Academic Initiative – 2007 - 2012
- Press Media Coordinator 2012 - 2016
- Chairman - MCAWHITZ Club 2014 - 2016
- Coordinator - IT Finishing School Project - Govt. of Puducherry - 2013

## **PROFESSIONAL DEVELOPMENT ACTIVITIES**

### **Central University of Tamil Nadu**

- Received a grant of Rs. 93,000/- for five ATAL Faculty Development Programme on Blockchain Analytics and Big Data - The Future of Business Process 06/12/2021 to 10/12/2021
- Organized a Five Day International Webinar on “Disruptive Technologies in Smart Computing for Today and Tomorrow” from 07/09/2020 to 11/09/2020
- Coordinated a two days workshop titled "IoT using Raspberry pi" from 05/04/2018 to 06/04/2018
- Organized a one day workshop titled “Orientation to Research Fundamentals & Recent Innovations in Computer Science” on 24/02/2018
- Coordinated "A Five-Day National Workshop on Digitization of Resources using Open Source Software: DSpace" from 20/03/2017 to 24/03/2017



## **Sri Manakula Vinayagar Engineering College, Puducherry**

- Coordinator - Big Data Competition – 2015 and 2016
- Coordinator - Innovation 2015 and Innovation 2014
- Coordinator - TCS CODEVITA – 2013, 2014 & 2015
- Coordinator - TCS TESTIMONY – 2014 & 2015
- Coordinator - Unisys CLOUD 2020 – 2014
- Organized Symposiums
  - ✓ TANTRA' 09
  - ✓ TANTRA' 10
  - ✓ TANTRA' 12
  - ✓ TANTRA' 15
- Coordinator - International Conference on Systems, Methodologies, Automation and Research Trends (SMART 2011), 22nd to 24th December 2011, Pondicherry, India
- Organized Workshops, FDP sponsored by ISTE and AICTE
- Organized many training programs for faculty and students with IBM-India, ICTACT - Tamil Nadu, and other nationally recognized training institutions

## **EXTRACURRICULAR ACTIVITIES**

- Acted as a resource person for the seminar titled “Computer Science Applications and Opportunities in Higher Education” conducted by **St.Philomina’s High School, Cuddalore** – **O.T** on 10/07/2023
- Acted as Resource person and presented on a topic “Recent trends in Information technology” at **Municipal Higher Secondary School, Cuddalore** on 09/09/2022
- Acted as Resource person and presented on a topic “Latest advancement in computer science and career guidance” at **Government Girls Higher Secondary School, Cuddalore** on 28/11/2022
- Acted as a Resource person and presented a seminar on the topic “Career Guidance for HSC students” at **St.Joseph Higher Secondary School, Thiruvandarkoil, Puducherry** on March 2021.

- Acted as a Resource person and presented a seminar on the topic “Recent Trends in Information Technology and Career opportunities” at **Government Girls Higher Secondary School, Cuddalore-Port, Tamil Nadu** on October 2019.
- Acted as a Resource person and presented a seminar on the topic “Recent Trends and Career Opportunities in Information Technology” at **Sri Varatham Government Girls Higher Secondary School, Manjakuppam, Cuddalore**, November 2019
- Organized *Zenith’2017 (A career guidance program for UG students)* at **Central University of Tamil Nadu, Thiruvarur** in March’2017. More than 1000 UG students from different colleges of **Thiruvarur and Nagapattinam districts** participated in this event
- Organized **Sikarathi Nokki (A career guidance program for HSC students)**
  - **May’2013**
  - **Dec’2013**
  - **May’2015**
  - **April’2016** at NLC, Neyveli, Tamil Nadu in association with Sri Manakula Vinayagar Engineering College, Puducherry.
- DREAMS-2016 – A **career guidance program for UG students** conducted at Sri Manakula Vinayagar Engineering College, Puducherry

#### **MEMBERSHIP IN ADVISORY COMMITTEES**

- Board of studies member in Dept. of Computer Science, Central University of Tamil Nadu, Thiruvarur.
- Board of studies member - University nominee Annamali University, Chidambaram in PG and Research Dept. of Computer Science, St.Joseph’s College of Arts and Science, Cuddalore, Tamil Nadu
- Board of studies member in BBA Fintech and Digital Marketing, School of Arts and Science, Sri Manakula Vinayagar Engineering College, Puducherry. (2021-2022, 2022-2023)
- Board of studies member in B.Com in Computer Applications, School of Arts and Science, Sri Manakula Vinayagar Engineering College, Puducherry.(2021-2022, 2022-2023)

- Board of studies member in BCA – Department of Computer Applications, School of Arts and Science, Sri Manakula Vinayagar Engineering College, Puducherry. (2021-2022, 2022-2023)
- 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)
- IEEE Transactions on Neural Networks and Learning Systems
- Information Science (Elsevier)
- Expert Systems with Applications (Elsevier)
- International Journal of Accounting and Information Management (Emerald)
- 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**

<b>Sl. No</b>	<b>Name</b>	<b>Designation</b>	<b>Address</b>	<b>Phone</b>	<b>Email</b>
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