D.D.G.D. VAISHNAV COLLEGE (AUTONOMOUS)

1	Name	Dr. T. Velmurugan
2	Designation	Associate Professor
3	Department	Master of Computer Applications (MCA)
4	Employee Id	103121
5	Date of Birth	23-07-1965
6	Gender	Male
7	Date of Appointment in this institution	22-07-1996
8	Experience in this institution	26 Years 4 Months
9	Official Mail Id	velmurugan@dgvaishnavcollege.edu.in
10	Blood Group	B +ve

11	EDUCATION DETAILS (from highest qualification):				
S.No.	Degree	Institution	University	Year of study	Grade/Class
1	Ph. D.	Dwaraka Doss Goverdhan Doss Vaishnav College	University of Madras	2012	-
2	M. Phil.	Alagappa University	Alagappa University	1992	I Class
3	PGDCA	Nehru Memorial College, Trichy	Bharathidasan University	1990	I Class
4	M. Sc.	AVC College, Mayiladudurai	Bharathidasan University	1989	Distinction I Class
5	B. Sc.	Govt. Arts College, Ariyalur	Bharathidasan University	1987	I Class

12	Details of ORIENTATION/REFRESHER COURSES attended:			
S.No.	Orientation/ Refresher	University/ Institution	Duration	Date (from-to)
1	Orientation	University of Madras	4 Weeks	01-03-1999 to 28-03-1999
2	Refresher	University of Madras	3 Weeks	21-11-2001 to 11-12-2001
3	Refresher	Calicut University	3 Weeks	14-11-2002 to 04-12-2002
4	Refresher	Bharathiar University	3 Weeks	08-03-2005 to 28-03-2005

13	Details of SEMINARS, CONFERENCES, WORKSHOPS, FDPs etc. attended:				
S.No	Type (Regional / National/ International)	Theme (Workshop/ Conference/ Seminar/ FDP)	Organized by	Duration	Date
1	National	Conference on Bio-Metrics	Erode Arts College, Erode	2	28-01-2005 to 29-01-2005
2	International	Conference on Information, System and Convergence Applications	Kuala Lumpur, Malaysia	4	24-27, June 2015
3	International	Conference on computing paradigms	Don Bosco College, Yelagiri Hills	2	24 and 25 July, 2015
4	International	Conference on computing paradigms	Don Bosco College, Chennai	3	22 to 24 July, 2016
5	National	Summit on Advancement and Automation of Accreditation for Higher Education in India	Chennai	1	4th Feb. 2017
6	International	Conference on Computational Intelligence and Software Engineering (CiSE 2018)	Bangkok, Thailand.	3	January 5-7, 2018

14	Details of Papers published in CONFERENCES/attended Conferences:				
S.No	Type (Regional/ National/ International)	Name of the Conference	Name of the paper presented/Attended	Organized by	Date
1	National	Conference on Recent trends in IT	A comparative study of Support Vector Machines and Neural Networks	Bishop Heber College, Trichy	29-04-2005 to 30-04-2005
2	National	Conference on Trends and Challenges in Research Areas of Computer Science	A Cross Comparison of two Clustering Algorithms	Presidency College, Chennai	15-02-2007 to 16-02-2007
3	National	Conference on Trends and Challenges in Research areas of Computer Science (UGC Sponsored)	Data Mining in Business – An Overview	Presidency College, Chennai	Feb-2007

4	National	Conference on Human computer Interaction	Clustering Techniques in Data Mining –An Overview	Kongu Arts and Science College, Erode	Feb-2007
5	International	Conference on Systemics, Cybernetics and Informatics	Performance Analysis of K-Means and K-Medoids Clustering Algorithms for a randomly generated data set	Hyderabad, India	January 2008
6	International	Conference on Emerging Trends in Computing	Clustering of random data points using k-Means and Fuzzy-C Means Clustering Algorithms	Virudhunagar, India	Jan. 2009
7	International	Conference on Semantics, E-business and E-Commerce	A Practical Approach of k-Medoids Clustering Algorithm for Artificial data points	Trichirappalli, India	2009
8	International	Conference on Systemics, Cybernetics and Informatics	Implementation of Fuzzy C-Means Clustering Algorithm for Arbitrary Data Points	Hyderabad, India	January-2011
9	International	Conference on Emerging Trends in Science Engineering and Technology	Evaluation of k-Medoids and Fuzzy C-Means Clustering Algorithms for Clustering Telecommunication Data	INCOSET-2012	2012
10	National	conference on Recent Trends in Information Technology	Exudates detection using Fuzzy C-Means algorithm in Image data	Sengunthar Arts and Science College, Tiruchengode	Mar-2013
11	National	conference on Recent Trends in Information Technology	A Survey of Association Rule mining using text Applications	Sengunthar Arts and Science College, Tiruchengode	Mar-2013
12	International	Conference on Computational	Applications of partition based		2014

		Intelligence and Computing Research (ICCIC)	clustering algorithms: A survey		
13	International	Conference on Computational Intelligence and Computing Research (ICCIC)	A Survey of Association Rule mining in text Applications		2014
14	International	Conference on Information, System and Convergence Applications	Clustering Arbitrary Data Points by k-Medoids and Fuzzy C-Means Algorithms	Manila, Philippines	2014
15	International	Conference on Computational Intelligence and Computing Research	A Data Mining based Survey on Student Performance Evaluation System		2014
16	International	Conference on Computational Intelligence and Computing Research	A Survey on Breast Cancer Analysis Using Data Mining Technique		2014
17	International	Conference on Information and Convergence Technology for Smart Society	Clustering Lucg Cancer Data by k-Means and k-Medoids Algorithms	Bangkok, Thailand	2015
18	International	Conference on Information and Convergence Technology for Smart Society	A Comprehensive Survey on Filter approach to Feature Selection methods for high Dimensional Data	Bangkok, Thailand	2015
19	International	Conference on Information and Convergence Technology for Smart Society	Implementing Association Rules in Medical diagnosis test data	Bangkok, Thailand	2015
20	International	Conference on Information and Convergence Technology for Smart Society	Smart ways for Fault-Tolerant transaction management in Non-Relational Distributed Database System	Bangkok, Thailand	2015
21	International	Conference on Information, System and Convergence	Role of Classification Algorithms in	Kuala Lumpur, Malaysia	2015

		Applications	Medical domain: A Survey		
22	International	Conference on Information, System and Convergence Applications	Image Segmentation in Medical Data: A Survey	Kuala Lumpur, Malaysia	2015
23	International	Conference on Information, System and Convergence Applications	A Survey on Medical Images Extraction using Parallel Algorithm in Data Mining	Kuala Lumpur, Malaysia	2015
24	International	Conference on Small & Medium Business	Impact of Classification Algorithms in Diabetes Data: A Survey	Nikko Saigon Hotel, Hochiminh, Vietnam	January 19 - 21, 2016
25	International	Conference on Small & Medium Business	Analyzing Agricultural Text Data using Classification Algorithms	Nikko Saigon Hotel, Hochiminh, Vietnam	January 19 - 21, 2016
26	International	Conference on Small & Medium Business	Feature Selection Techniques to Analyze Student Acadamic Performance Using Naïve Bayes Classifier	Nikko Saigon Hotel, Hochiminh, Vietnam	January 19 - 21, 2016
27	International	Conference on Small & Medium Business	Noise removal using Morphology and Median filter Methods in Mammogram Images	Nikko Saigon Hotel, Hochiminh, Vietnam	January 19 - 21, 2016
28	International	Conference on Small & Medium Business	Performance Analysis of AODV and DSR routing Protocols in Mobile Ad-hoc Networks	Nikko Saigon Hotel, Hochiminh, Vietnam	January 19 - 21, 2016
29	International	Conference on Computing Sciences	A Study On Analysis Of Graph Clustering Techniques In Feature Selection	Loyola College, Chennai	2018
30	International	Conference on Information, System and Convergence Applications(ICISC A 2020)	A New Method for Sovling Fully Fuzzy Transportation Problem	Ho Chi Minh, Vietnam	12–15 Feb. 2020
31	International	Conference on	Performance of K-	St.Peter's	28th &

		Recent Trends & Technologies in Soft Computing (ICRTSC'20)	Nearest Neighbor and Gated Recurrent Unit in Stock Market	Institute Of Higher Education & Research, Avadi, Chennai – 54	29th September 2020
32	International	Conference on Recent Trends &Technologies in Soft Computing (ICRTSC'20)	An Exploratory Data Analysis Process On Groundwater Quality Data	St.Peter's Institute Of Higher Education & Research, Avadi, Chennai – 54	28th & 29th September 2020
33	International	Symposium on Innovation in Information Technology and Applications (ISIIT 2021)	Impact of Classification algorithms for the prediction of Heart Disease: A Survey	South Korea	Feb. 18-20, 2021
34	International	Conference on Recent Trends in Computing (ICRTC-2021)	Performance Analysis of Medical Text data using Hybrid Optimal Deep Neural Network Algorithm	Compucom Institute Of Information Technology And Management, Jaipur, India	30-06-2021
35	International	Conference on Recent Trends in Computing (ICRTC-2021)	Accuracy based performance analysis of classification algorithms using Parkinson Disease Dataset	Compucom Institute Of Information Technology And Management, Jaipur, India	30-06-2021
36	International	Conference on Recent Trends in Computing (ICRTC-2021)	Analysis of Heart Disease Dataset Using Classification Algorithms	Compucom Institute Of Information Technology And Management, Jaipur, India	30-06-2021
37	International	Conference on Recent Trends in Computing (ICRTC-2021)	Evaluation of Deep Learning Models for Predicting the Support and Resistance Levels in Stock Market	Compucom Institute Of Information Technology And Management, Jaipur, India	30-06-2021
38	International	Conference on Recent Trends in Computing (ICRTC-	A Comparative Analysis of Secure Hashing Algorithm	Compucom Institute Of Information	30-06-2021

			2021)	512 and Playfair Substitution Technique in Cloud Environment	Technology And Management, Jaipur, India	
39	International	Conference on Recent Trends in Computing (ICRTC-2021)	Weather Text Data Analysis based on Accuracy using Classification Algorithms	Compucom Institute Of Information Technology And Management, Jaipur, India	30-06-2021
40	International	Conference on Recent Trends in Computing (ICRTC-2021)	Analyzing and Classifying the Student Database for E-Testing using Classification Algorithms	Compucom Institute Of Information Technology And Management, Jaipur, India	30-06-2021
41	International	Conference on Recent Trends in Computing (ICRTC-2021)	Rank Based Information Retrieval and Knowledge Sharing in Ontology using Indexing Method	Compucom Institute Of Information Technology And Management, Jaipur, India	30-06-2021
42	International	Conference on Recent Trends in Computing (ICRTC-2021)	Integration of AI-Based Learning and Assessing Strategy in Education: A Framework Proposal	Compucom Institute Of Information Technology And Management, Jaipur, India	30-06-2021
43	International	Conference on Recent Trends in Computing (ICRTC-2021)	A Review on Analysis of Lifelong Learner's Academic Performance Using Data Mining Techniques in Blended Learning	Compucom Institute Of Information Technology And Management, Jaipur, India	30-06-2021
44	International	Symposium on Innovation in Information Technology and Application	Avoidance of Interrupt on Ascent of Various Technologies in Feminine Tracking System	Jeju-Island, Korea	Feb 10-12, 2022
45	International	Symposium on Innovation in Information Technology and	Evaluation of Deep Learning Models for Predicting the Support and	Jeju-Island, Korea	Feb 10-12, 2022

		Application	Resistance Levels in Stock Market		
46	International	Conference on Applied Artificial Intelligence and Computing (ICAAIC 2022)	Accuracy based Performance Analysis of Classification Algorithms using Parkinson Disease Dataset		2022
47	International	Conference on Applied Artificial Intelligence and Computing (ICAAIC 2022)	Impact of Preprocessing on Twitter Based Covid-19 Vaccination Text Data by Classification Techniques		2022

15	Details of visit as a RESOURCE PERSON:			
S.No	Type (Guest Lectures, Workshops, Conferences Or Seminars/ Ph.D, Viva-voce Examination)	Title	Institution Name	Date
1	National workshop	The Art of Writing Research Articles	Quide –E- Millath Govt. Arts college for Women, Chennai	09-02-2013
2	National conference	The art of Writing Research Articles	Sengunthar Arts and Science College, Thiruchengode	05-03-2013
3	National Webinar	Artificial Intelligence – A Modern Approach	Govt. College for Men, Nandanam, Chennai	18-03-2013
4	National Webinar	Job Opportunities in IT	A. M. Jain College for Men, Meenambakkam, Chennai	20-08-2013
5	Special Lecture	Operations Research Techniques in Management	Institute of Hotel Management and Catering Technology (A Central Govt. Institution), Taramani	15-10-13
6	National Workshop	Cloud Computing	L.N. Govt. College, Ponneri	16-12-2013
7	National Workshop	Ethics of Writing and Publishing Research	Sridevi Arts and Science College, Ponneri	08-02-2014

		Articles		
8	National Faculty Development Program	Research Methodology & Ethics of Writing Research Articles	D.B.Jain College, Thoraipakkam, Chennai-97	06-03-2014
9	National workshop	Scientific Thesis Writing	Anna Aadharsh College for Women, Anna Nagar, Chennai-30	19-09-2014
10	Special Address	Data Mining and Its Applications	Thiruthangal Nadar College, Madavaram, Chennai	21-07-2013
11	Refresher course	Research Article Writing and Journal Publications	University of Madras, Chennai	Nov. 2014
12	National workshop	Research methodology and Scientific Research Article Writing	Dr. Ambedkar Govt. Arts College, Vyasarpadi, Chennai	25-09-2015
13	National workshop	Scientific Research and Its publications	Kanchi Mamunivar Centre For Post Graduate Studies (Autonomous) Puducherry	12-10-2015
14	National workshop	Art of Writing Research articles and Journal Publications	VELS University, Chennai	23-03-2016
15	Refresher course	Research Article Writing and Journal Publications	Bharathiar University, Coimbatore, Tamil Nadu	Dec. 2016
16	Special Lecture	Recent Trends in Information Technology	Shri Krishnaswamy College for Women, Anna Nagar, Chennai-40	22-08-2017
17	National Seminar	Research Trends in Information Technology	Sengamala Thayaar Educational Trust Women's College, Sundarakkottai, Mannargudi-614 016	20-09-2017
18	National workshop	Scholarly Article Writing and Journal Publications	Crescent B.S. Abdul Rahman University, Vandalur	13-03-2018
19	Faculty Development Program	Research Intelligence with Technical Writing Skills	Anna Aadharsh College for Women, Anna Nagar, Chennai-30	26-09-2018
20	Refresher course	Technical Writing and Research Intelligence	University of Madras, Chennai	17-11-2018
21	National Seminar	Recent Research Trends in Computational Research	Mar Gregorios College, Chennai	25-01-2019
22	National Conference	Research Article Writing	Idhaya College for Women, Kumbakonam, Tanjore District	15-02-2019
23	Seminar	Recent Trends in	Saraswathi Arts and	13-03-2019

		Computer Science	Science College, Tindivanam	
24	Seminar	Recent Trends in Information Technology	Aries College of Arts and Science for Women, Vadalur	11-04-2019
25	Technical Talk	Big Data Analytics	Meenakshi Engneering College, West K.K.Nagar, Chennai	31-07-2019
26	Workshop	Research Article Writing	Don Bosco College, Yelagiri Hills, India	7th Dec. 2019
27	Refresher course	Data Science and Big data Analytics	University of Madras, Chennai	13-11-2019
28	National Seminar	Natural Language Processing.	Sri Sankara Arts and Science College, Enathur, Kanchipuram	05-03-2020
29	Faculty development program	Citing References using Mendeley Reference Manager	D. G. Vaishnav College, Chennai	27/04/2020
30	Faculty development program	Art of Writing Research Article	D. G. Vaishnav College, Chennai	28/04/2020
31	Workshop	Journal Searching Methods	D. G. Vaishnav College, Chennai	29/04/2020
32	Workshop	Social Networks for Research Publications	D. G. Vaishnav College, Chennai	30/04/2020
33	Webinar	Data Science	D. G. Vaishnav College, Chennai	01/05/2020
34	Workshop	Online Learning and E-Certificate for Research	D. G. Vaishnav College, Chennai	02/05/2020
35	Faculty Development Program	Artificial Intelligence	D. G. Vaishnav College, Chennai	09/05/2020
36	Workshop	Classification Algorithms in Data Mining	D. G. Vaishnav College, Chennai	09/05/2020
37	Workshop	Latex Tool for Document Preparation	D. G. Vaishnav College, Chennai	10/05/2020
38	Webinar	Prediction and Classification in Data Mining	D. G. Vaishnav College, Chennai	10/05/2020
39	Faculty Development Program	Big Data Analytics	D. G. Vaishnav College, Chennai	11/05/2020
40	Workshop	Searching Data Sets for Research	D. G. Vaishnav College, Chennai	12/05/2020
41	Faculty Development Program	Machine Learning Algorithms	D. G. Vaishnav College, Chennai	13/05/2020
42	National	Network Security	Thiruthangal Nadar Arts	15-05-2020

	webinar		College, Chennai	
43	Webinar	Ubiquitous Computing	D. G. Vaishnav College, Chennai	15/05/2020
44	FDP	Teaching and Research in Higher Education	Mar Gregorios College of Arts and Science, Chennai	19-05-2020
45	FDP	Intellectual Property Rights	Sri Saraswathy College of Arts and Science, Olakkur, Tindivanam	20-05-2020
46	Webinar	Blockchain Technology	Arulmigu Sri SubramaniyaSwamy Govt. Arts College, Tiruttani	21-05-2020
47	Workshop	Mendeley Reference Manager	Bhaktavatsalam Memorial College for Women, Chennai	22-05-2020
48	FDP	Scholarly Article Writing	Govt. Arts College, Nandanam, Chennai-600035	24-05-2020
49	FDP	Tools for Big Data	SCSVMV University, TamilNadu	25-05-2020
50	National Webinar	Computational Intelligence Methods	Alagappa University, Karaikudi, TamilNadu	06-06-2020
51	. Workshop	How to conduct Classes using Google Meet	D. G. Vaishnav College, Chennai	07/06/2020
52	Webinar	Basics of Cryptocurrency	Saveetha University, Chennai	12-06-2020
53	National Webinar	Cloud Computing Technology	Arignar Anna Institute of Science and Technology, Sriperumbudur	20-06-2020
54	Webinar	Plagiarism in Research	Arignar Anna Government Arts College, Cheyyar - 604 407	22-06-2020
55	Webinar	Big Data in Industry	D. G. Vaishnav College, Chennai	23/06/2020
56	National level Webinar	Intellectual Property Rights	Meenakshi College of Engineering, West KK Nagar, Chennai	24/06/2020
57	Webinar	How to Improve Citations, H index and i10 index via Research Articles	The QuaideMilleth College for Men, Chennai	25-06-2020
58	International Faculty Development Programme	Teaching and Research in Higher Education	Patrician College of Arts and Science, Chennai	29-06-2020
59	International Faculty Development Programme	LaTex tools for Document Preparation	Patrician College of Arts and Science, Chennai	30-06-2020

60	National level Webinar	Intelligent Process Automation	Pavai Enggineering College, Namakal	07-07-2020
61	FDP	Effective Writing Strategies of Research Article for Premier Journals	Kongu Arts and Science College, Erode	09-07-2020
62	National Webinar	Social Impact of Technology-Driven Education	Sri Saraswathy College of Arts and Science, Olakkur,Tindivanam	15-07-2020
63	National Webinar	Internet of Things (IoT)	Srimath Sivagnana Balaya Swamigal Tamil Arts, Science College, Mailam	16-07-2020
64	National Webinar	Research Opportunities	Dhanalakshmi Srinivasan College of Engineering, Namakal	22-07-2020
65	Webinar	Compiler Design – An Introduction	Arulmigu Sri SubramaniyaSwamy Govt. Arts College, Tiruttani	25-05-2020
66	Webinar	Effective Online Teaching	Govt. Arts College, Ariyalur, TamilNadu	04/08/2020
67	Webinar	NoSQL - Emerging Technologies for Big Data Processing	D. G. Vaishnav College, Chennai	12/08/2020
68	Webinar	Soft Computing	Sree Narayana Guru Arts and Science College, Coimbatore	21/08/2020
69	Webinar	Lexical Analysis in Compiler Design	D. G. Vaishnav College, Chennai	23/08/2020
70	Webinar	Hive Tool in Big Data	D. G. Vaishnav College, Chennai	05/10/2020
71	Webinar	MapReduce in Hadoop	D. G. Vaishnav College, Chennai	10/10/2020
72	Webinar	YARN in Hadoop	D. G. Vaishnav College, Chennai	12/10/2020
73	Webinar	Pig Tool for Big Data	D. G. Vaishnav College, Chennai	16/10/2020
74	Webinar	Intelligent Process Automation	Bon Secours College for Women, Thanjavur	27/10/2020
75	Webinar	கற்றல், கற்பித்தலில் கணினியின் பயன்பாடுகள்	AnnaiTerasa Arts and Science College, Thirukazhukunram	31/10/2020
76	Faculty Development Programme	Scientific Research Article Writing & Publications	Sree Narayana College, Nattika, Thrissur	04-11-2020
77	Webinar	Research Paper Writing	Dr. N.G.P. Arts and Science College, Coimbatore	11-11-2020

78	National Webinar	Art of Writing Research Papers for Quality Publication	Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan	09-12-2020
79	National Webinar	Internet of Things	School of Computer Science, MIT-World Peace University, Pune	26/12/2020
80	National Webinar	Revolutionary Artificial Intelligence Technologies	Marudhar Kesari Jain College for Women	05/02/2021
81	National Seminar	Internet of Things (IoT)	Apollo Arts and Science College, Chennai	13/03/2021
82	National Webinar	Emerging Technologies in Artificial Intelligence	Ethiraj College for Women, Chennai	29/03/2021
83	National Webinar	Recent Trends in Machine Learning	MEASI Institute of Information Technology, Chennai	23/04/2021
84	FDP	Data Analytics for Innovative Research	Sri Kanyaka Parameswari Arts and Science College for Women, Chennai	17/05/2021 to 21/05/2021
85	National Webinar	Role of IQAC in Preparation of AQAR	Government Arts College, Kumbakonam	19/05/2021
86	National Webinar	Research Trends in Academic Writing and Publishing in Computer Science	Theivanai Ammal College for Women (Autonomous), Villupuram	02/06/2021
87	National workshop	Scientific Thesis Writing	Infowavez Solutions, Chennai	07/06/2021 to 11/06/2021
88	National FDP	Journal Publications and Social Networks for Free Publications	Shri Krishnasamy College for Women, Chennai	23/06/2021
89	National Workshop	Academic Writing and Publishing, Plagiarism Detection and Prevention Techniques and Publish an Academic Research Paper	South East Manipur College, Komlathabi, Manipur, India	24/06/2021
90	National FDP	Technology Development in Efficient Teaching Methods for the Topic Social Impact of Technology-Driven Education	C. Abdul Hakeem College, Melvisharam, Ranipet Dt, Tamil Nadu	23-06-2021 to 29-06-2021
91	National Webinar	Job Opportunities through Arts and Science Degree Courses	Tamil Nadu Youth Development Society, Tamil Nadu	27-06-2021

S.No		Title	Organizer / Address	Date
92	International FDP	Research Ethics and Publications	the Vels Institute of Science Technology & Advanced Studies(VISTAS), Pallavaram	12-07-2021
93	National Webinar	Artificial Intelligence: A Modern Approach	Srimath Sivagnana Balaya Swamigal Tamil Arts, Science College, Mailam, Villupuram Dt	19-07-2021
94	National Webinar	Artificial Intelligence: A Modern Approach	National College (Autonomous), Tiruchirappalli	18-09-2021
95	National Webinar	Research Methodology and Effective Paper Writing	SST College of Arts and Commerce, Mumbai	17-12-2021
96	National Webinar	Cassandra: NoSQL DataBase for Big Data Analytics	Ethiraj College for Women, Chennai	25-01-2022
97	National Webinar	Dynamics of Journal Publications	AJK College of Arts and Science, Coimbatore	on 09-02-2022
98	Refresher Course	Ethics and Essentials of Research Publications in reputed Journals	University of Madras, Chennai	15-02-2022
99	National Workshop	Recent Advancements in Artificial Intelligence	Department of Physical Education, University of Mumbai	16-03-2022
100	National Workshop	Social Impact on Technology Driven Education	Department of Physical Education, University of Mumbai	21-03-2022
101	Faculty Development Program	Thesis Writing and Journal Publications	Mahalashmi College for Women, Chennai	26-03-2022
102	Faculty Development Program	Computational Intelligence	SRM Institute of Science and Technology (Deemed University)	22-06-2022
103	Faculty Development Program	Journal Abstracting and Indexing Services	Institute For Engineering Research And Publication (IFERP)	28-09-2022
104	Refresher Course	Scholarly Writing to Improve Your h-index through Publications	University of Madras, Chennai	16-11-2022

16	Details of publication of Articles/ Chapters written in EDITED BOOKS:			
S.No	Book Name	Title of Articles/Chapters	Name & Address of the Publisher	Month & Year of Publication
-	-	-	-	-

17	Details of individual/collaborative MAJOR/MINOR research project undertaken:					
S.No	Title of the Project	Name & Address of the Collaborating Faculty	Funding Agency	Fund Sanctioned	Period	Duration
-	-	-	-	-	-	-

18			Details on RESEARCH GUIDANCE:		
S.No	Type (FT/PT)	Name of the candidate	Title of the Dissertation	University	Status
1	PT	G. Sekar	Effective and Functional Transaction Management in Non-Relational Cloud Databases	Bharathiar	Completed
2	FT	E. Venkatesan	An Analysis And Prediction Of Tumor In Mammogram Images Using Data Mining Techniques	Madras	Completed
3	FT	S. Mahalakshmi	Identification Of Brain Tumor In MRI Images Using Segmentation Techniques	Madras	Completed
4	FT	A. Naveen	A Study On The Analysis Of Brain Tumor Identification Using Clustering Techniques	Madras	Completed
5	PT	S. Perumal	Detection Of Lung Cancer In CT Scan Images Using Enhanced Artificial Bee Colony Optimization Technique	VELS	Completed
6	PT	A.S. Arunachalam	A Novel Approach For Predicting Student Academic Performance Using Evolutionary Artificial Neural Network Technique	VELS	Completed
7	PT	S. Deepalakshmi	A Hybrid Feature Selection Method For High Dimensional Data	Bharathiar	Completed
8	PT	C. Anuradha	A Novel classifier To Analyse Student Performance Using Data Mining Techniques	Bharathiar	Completed
9	PT	J. Manimaran	Semantic Analysis of Medical Text Data by Negation Detection and	Bharathiar	Completed

			Relation Extraction Algorithms		
10	PT	K.Govindasamy	Analysing Students Behavioral Patterns In Learning Process Using Random Swap Expectation Maximization Algorithm	VELS	Completed
11	PT	S. Navitha	Simulation Based Performance Analysis Of Routing Protocols In Mobile Ad-Hoc Networks	Madras	Completed
12	PT	U. Latha	A Hybrid Model for Heart Disease Classification Using Named Entity Recognition and Whale Optimization Algorithms	Madras	Completed
13	PT	K. Saravana Nathan	Performance Based Analysis of Clustering Algorithms Using Diabetic Data for the Prediction of Disease	Madras	Completed
14	PT	M.P.Sukkassini	An Efficient Hybrid Segmentation Model for the Analysis of Mammogram Images	Bharathiar	Completed
15	PT	B.Hemalatha	An Analysis of Recommendation Based Explicit-Implicit Association Rules for Online Customer Review Data using Sentiment Analysis	Madras	Completed
16	FT	S. Karthiga	Performance Analysis of Secure Hashing Algorithms Compared with Substitution Techniques for the Enhancement of Security in Cloud Environment.	Madras	Completed
17	PT	A.Dharmarajan	A Novel Method for the Prediction of Cancer in Lung Images Using Image Clustering Techniques	Bharathiar	Completed
18	PT	T. Indhumathy	Performance Analysis of Utility Mining based Machine and Deep Learning Models for the Prediction of Price Levels in Stock Market.	Madras	Completed
19	FT	R. Arunkumar	A Novel Method for the	Madras	Completed

			Analysis of Ground Water Data Using Association Rule Mining Algorithms			
20	FT	G. Sripradha	A Study among Neo-Literates on the Influence of M-Learning – An Innovative Pedagogy using Mobile Application in Adult Education in Selective Rural Areas of Tamil Nadu	Madras		Thesis Submitted
21	PT	K.Radhakrishnan	Prediction Based Analysis of House Sales Prices using Machine and Deep Learning Techniques	Madras		Thesis Submitted
22	FT	J. Dhinakaran	A Hybrid Model for Parkinson Disease Prediction and Classification using Ensemble Stacking Learning Algorithm	Madras		Synopsis Submitted

19	Details of papers published in JOURNALS:					
S. No	Journal Type	Name of the Journal	Title of the article	Name of the Co-authors	Vol No,Issue No,Page Nos.ISSN No/DOI	Month and year of Publication	Impact Factor/ SCI/Scopus (if any)
1	International	Journal of Computer Science	Computational Complexity between K-means and K-medoids clustering algorithms for normal and uniform distributions of data points	Velmurugan. T and T. Santhanam	ISSN:1549-3636, DOI: 10.3844/jcssp.2010.363.368	2010	SCOPUS
2	International	European Journal of Scientific Research	Performance Evaluation of K-Means and Fuzzy C-Means Clustering Algorithms for Statistical Distributions of Input Data Points	Velmurugan. T and T.Santhanam	ISSN: 1450-216X	2010	SCOPUS
3	International	International Journal on	Clustering Mixed Data Points Using	Velmurugan. T and	ISSN: 0975-	2010	SCOPUS

		Computer Science and Engineering	Fuzzy C-Means Clustering Algorithm for Performance Analysis	T.Santhanam	3397		
4	International	Information Technology Journal	A Survey of Partition Based Clustering Algorithms in Data Mining: An Experimental Approach	Velmurugan. T and T.Santhanam	ISSN: 1812-5638	2011	SCOPUS
5	International	Journal of Theoretical and Applied Information Technology	A Comparative Analysis between K-Medoids and Fuzzy C-Means Clustering Algorithms for Statistically Distributed Data Points	Velmurugan. T and T. Santhanam	E-ISSN 1817-3195 / ISSN 1992-8645	2011	SCOPUS
6	International	Wulfenia Journal	Performance Comparison between k-Means and Fuzzy C-Means Algorithms using Arbitrary Data Points	T. Velmurugan	ISSN: 1561-882X	Aug-2012	Impact Factor: 0.267 by SCI
7	International	Int. J. Computer Technology & Applications	Efficiency of k-Means and K-Medoids Algorithms for Clustering Arbitrary Data Points	T. Velmurugan	ISSN: 2229-6093	2012	UGC
8	International	Applied Soft Computing (Elsevier)	Performance Based Analysis Between k-Means and Fuzzy C-Means Clustering Algorithms for Connection Oriented Telecommunication Data	T. Velmurugan	DOI:10.1016/j.asoc.2014.02.011, ISSN: 1568-4946	2014	Impact Factor = 2.140, 5-Year IF = 2.526 by SCI
9	International	Indian Journal of Science and Technology	Lung Cancer Data Analysis by k-means and Farthest First Clustering Algorithms	A. Dharmarajan and T. Velmurugan	DOI: 10.17485/ijst/2015/v8i15/73329	2015	SCOPUS
10	International	Indian Journal of Science and Technology	A Comparative Analysis on the Evaluation of Classification Algorithms in the Prediction of Students Performance	C. Anuratha and T.Velmurugan	DOI:10.17485/ijst/2015/v8i15/74555	2015	SCOPUS
11	International	Indian	Analysing the quality	J. Manimaran	DOI: 10.	2015	SCOPUS

		Journal of Science and Technology	of Association Rules by Computing an Interestingness Measures	and T.Velmurugan	17485/ijst/2015/v8i15/76693		
12	International	Ciencia e Tecnica	A Novel Framework CACTO- subject to Non-Relational Data Stores	G. Sekar and T.Velmurugan		2015	Impact Factor: 0.278
13	International	Indian Journal of Science and Technology	Detection of Brain Tumor by Particle Swarm Optimization using Image Segmentation	S. Mahalakshmi and T. Velmurugan	DOI: 10.17485/ijst/2015/v8i22/79092	2015	SCOPUS
14	International	Indian Journal of Science and Technology	A Survey on the Analysis of Segmentation Techniques in Mammogram Images	M. P. Sukassini and T. Velmurugan	DOI: 10.17485/ijst/2015/v8i22/79105	2015	SCOPUS
15	International	Indian Journal of Science and Technology	Identification of Calcification in MRI Brain Images by k-Means Algorithm	A. Naveen and T. Velmurugan	DOI: 10.17485/ijst/2015/v8i29/83379	2015	SCOPUS
16	International	Indian Journal of Science and Technology	Performance Analysis of Decision Tree Algorithms for Breast Cancer Classification	E. Venkatesan and T. Velmurugan	DOI: 10.17485/ijst/2015/v8i1/84646	2015	SCOPUS
17	International	Int. Journal of Communication and Networking System	A survey on the Simulation Models and Results of Routing Protocols in Mobile Ad-hoc Networks	S. Navitha and T.Velmurugan		2015	UGC
18	International	Int. Journal of Data Mining Techniques and Applications	Prediction of Tumor in Classifying Mammogram images by k-Means, J48 and CART Algorithms	E. Venkatesan and T.Velmurugan		2015	UGC
19	International	Int. Journal of Data Mining Techniques and Applications	Effective Approaches of Classification Algorithms for Text Mining Applications	U. Latha and T. Velmurugan		2015	UGC
20	International	Indian Journal of Science and Technology	Extraction of Cancer Affected Regions in Mammogram Images by Clustering and	E. Venkatesan and T. Velmurugan	DOI: 10.17485/ijst/2016/v9i30/938	2016	SCOPUS

			Classification Algorithms		51		
21	International	Int. Journal of Data Mining Techniques and Applications	Classification Algorithm based analysis of Breast cancer data	B. Padmapriya and T.Velmurugan	DOI:10.20894/IJDMTA.102.005.001.010	2016	UGC
22	International	Int. Journal of Data Mining Techniques and Applications	Technology Enabled Learning to Improve Student Performance: A Survey	M. Pazhanivel and T.Velmurugan	DOI:10.20894/IJDMTA.102.005.001.011	2016	UGC
23	International	Int. Journal of Data Mining Techniques and Applications	A Survey on the Result Based Analysis of Student Performance using Data Mining Techniques	K. Govindasamy and T.Velmurugan	DOI:10.20894/IJDMTA.102.005.001.022	2016	UGC
24	International	Int. Journal of Communication and Networking System	Simulation Model Based Performance Analysis of DSR and TORA Routing Protocols in MANET	S. Navitha and T.Velmurugan	DOI:10.20894/IJCNES.103.005.001.024	2016	UGC
25	International	Int. Journal of Control Theory and Applications	Effective Fuzzy C Means Algorithm for the Segmentation of Mammogram images of Identifying Breast Cancer	T.Velmurugan and E.Venkatesh		2016	SCOPUS
26	International	Int. Journal of Control Theory and Applications	Analysing MRI Brain Images Using Fuzzy C–Means Algorithm	T.Velmurugan and A.Naveen		2016	SCOPUS
27	International	Indian Journal of Science and Technology	Empirical Study of Feature Selection Methods for High Dimensional Data	S. Deepalakshmi and T. Velmurugan	DOI: 10.17485/ijst/2016/v9i39/90599	2016	SCOPUS
28	International	Indian Journal of Science and Technology	Analyzing Diabetic Data using Classification Algorithms in Data Mining	K.Saravananathan and T. Velmurugan	DOI: 10.17485/ijst/2016/v9i43/93874	2016	SCOPUS
29	International	Ciencia e Tecnica	Fast Boost Decision Tree Algorithm: A novel classifier for the assessment of student	C.Anuradha and T.Velmurugan		2016	Impact Factor: 0.278

			performance in Educational data			
30	International	Int. Journal of Data Mining Techniques and Applications	Performance Evaluation of Feature Selection Algorithms in Educational Data Mining	C.Anuradha and T.Velmurugan	DOI:10.20894/IJDMTA.102.005.002.007	2016	UGC
31	International	Int. Journal of Data Mining Techniques and Applications	Efficiency of k-Means and k-Medoids Clustering Algorithms using Lung Cancer Dataset	A. Dharmarajan and T.Velmurugan	DOI:10.20894/IJDMTA.102.005.002.011	2016	UGC
32	International	Int. Journal of Engineering and Technology	Efficiency of Fuzzy C Means algorithm for Brain Tumor segmentation in MR Brain Images	T. Velmurugan, S. Mahalakshmi	DOI:10.21817/ijet/2016/v8i6/16080626 1	2016	SCOPUS
33	International	Int. Journal of Control Theory and Applications	A Novel Approach to Find Tumor in MRI Brain Images using Image Segmentation Techniques	S. Mahalakshmi and T. Velmurugan		2016	SCOPUS
34	International	Int. Journal of Control Theory and Applications	Segmentation of Mammogram Image using Multilevel Threshold and Gravitational Search Algorithm	T. Velmurugan and M.P. Sukassini		2016	SCOPUS
35	International	Int. Journal of Control Theory and Applications	A Novel Layer Based Logical Approach (LLA) Clustering Method for Performance Analysis in Medical Images	Naveen and T. Velmurugan		2016	SCOPUS
36	International	Int. Journal of Power Control and Computation (IJPCSC)	Clustering Algorithms In Educational Data Mining: A Review	C.Anuradha, T.Velmurugan, R. Anandavally		2017	UGC
37	International	Int. Journal of Control Theory and Applications	A Clustering and Genetic Algorithm based Feature Selection (CLUST-GA-FS) for High Dimensional Data	S. Deepalakshmi and T. Velmurugan		2017	SCOPUS
38	International	Int. Journal of Control Theory and	A Study on Classification and Clustering Data	K. Govindasamy and T.		2017	SCOPUS

		Applications	Mining Algorithms based on Students Academic Performance Prediction	Velmurugan			
39	International	Int. Journal of Control Theory and Applications	Segmentation of MRI Brain Images: A Comparative Analysis	S. Mahalakshmi and T. Velmurugan		2017	SCOPUS
40	International	International Journal of Data Mining Techniques and Applications	A Survey on Educational Data Mining Tools and Techniques	A.S.Arunachalam and T. Velmurugan	DOI: 10.20894 /IJDMTA.102.005.002.014, ISSN: 2278-2419	2016	UGC
41	International	International Journal of Data Mining Techniques and Applications	Image Segmentation Based Survey on the Lung Cancer MRI Images	S. Perumal and T. Velmurugan	DOI:10.20894/IJDMTA.102.005.002.015	2016	UGC
42	International	Journal of Computer and Communications	A State of Art Analysis of Telecommunication Data by k-Means and k-Medoids Clustering Algorithms	T. Velmurugan	https://doi.org/10.4236/jcc.2018.61019	2018	UGC
43	International	International Journal of Business Intelligents	A Survey on the Security Issues of Software Defined Networking Tool in Cloud Computing	S.Karthiga and T.Velmurugan	DOI:10.20894/IJBI.105.006.002.001	2017	UGC
44	International	International Journal of Data Mining Techniques and Applications	A Survey on the Analysis of Dissolved Oxygen Level in Water using Data Mining Techniques	R.Arunkumar and T.Velmurugan	ISSN: 2278-2419	2017	UGC
45	International	Bio-Algorithms and Med-Systems	Evaluation of lexicon- and syntax-based negation detection algorithms using clinical text data	J.Manimaran and T.Velmurugan	DOI: https://doi.org/10.1515/bams-2017-0016	2017	SCOPUS
46	International	International Journal of Computing	An Analysis of Fuzzy C Means and Logical Average Distance	A. Naveen and T.Velmurugan		2017	UGC

		Algorithm	Measure Algorithms using MRI Brain Images				
47	International	International Journal of Data Mining Techniques and Applications	An Efficient Logical Average Distance Measure Algorithm (LADMA) to analyse MRI Brain Images	A. Naveen and T.Velmurugan		2017	UGC
48	International	International Journal of Pure and Applied Mathematics	Measures for predicting success factors of ELearning in Educational institutions	A.S. Arunachalam and T.Velmurugan		2018	SCOPUS
49	International	International Journal of Pure and Applied Mathematics	Preprocessing by Contrast Enhancement Techniques for Medical Images	S.Perumal and T.Velmurugan		2018	SCOPUS
50	International	Indian Journal of Public Health Research and Development	Clustering techniques on brain MRI	A. Naveen and T.Velmurugan	https://doi.org/10.5958/0976-5506.2018.00162.6	2018	SCOPUS
51	International	International Journal of Engineering and Technology	Analyzing student performance using evolutionary artificial neural network algorithm	A.S. Arunachalam and T.Velmurugan	DOI:10.14419/ijet.v7i2.26.12537	2018	SCOPUS
52	International	International Journal of Engineering and Technology	Lung cancer detection and classification on CT scan images using enhanced artificial bee colony optimization	S.Perumal and T.Velmurugan	DOI:10.14419/ijet.v7i2.26.12538	2018	SCOPUS
53	International	International Journal of Computing Algorithm	Stability of Indexed Microarray and Text Data	Velmurugan. T and S. Deepalakshmi	DOI:10.20894/IJCOA.101.006.002.002, ISSN: 2278-2397	2017	UGC
54	International	ARPN Journal of Engineering and Applied Sciences	Benchmarking Attribute Selection Techniques For Microarray Data	Deepalakshmi, S. and T. Velmurugan	ISSN 1819-6608	2018	SCOPUS
55	International	International	Analysis of Student	K.	ISSN:	2018	SCOPUS

		ional	Journal of Pure and Applied Mathematics	Academic Performance Using Clustering Techniques	Govindasamy and T. Velmurugan	1314-3395		
56	Internat ional	International Journal of Pure and Applied Mathematics	Cluster based performance analysis for Diabetic data	K. Saravananatha n and T. Velmurugan	ISSN: 1314-3395	2018	SCOPUS
57	Internat ional	International Journal of Pure and Applied Mathematics	Relative recital of AODV and DSR Routing Protocolwithincreasin g the mobile nodes in MANET	T. Velmurugan and S. Navitha	ISSN: 1314-3395	2018	SCOPUS
58	Internat ional	International Journal of Pure and Applied Mathematics	An Implementation of Substitution Techniques in Cloud Security using Playfair and Caesar algorithms	S. Karthiga and T. Velmurugan	ISSN: 1314-3395	2018	SCOPUS
59	Internat ional	International Journal of Data Mining Techniques and Applications	Application of Utility Mining using Frequent Itemset and Association Rules: A Survey	T.Indhumathy and T.Velmurugan	ISSN: 2278-2419	2018	UGC
60	Internat ional	International Journal of Engineering &Technology	Evaluation of Named Entity Recognition Algorithms Using Clinical Text Data	J. Manimaran and T. Velmurugan	DOI:10.1 515/bam s-2017-0016	2018	SCOPUS
61	Internat ional	Journal of Computer Science	A Comprehensive Analysis of Simulated results for the Performance of AODV and TORA Routing Protocols in Mobile Ad-hoc Networks	Velmurugan. T and Navitha. S	DOI:10.3 844/jcssp .2019.58 2.593	2019	SCOPUS
62	Internat ional	Journal of Advanced Research in Dynamical and Control Systems	Heart Disease Prediction Using Optimal Name Recognition based on Deep Learning Models and Whale Optimization Algorithms	U. Latha and T. Velmurugan		2019	SCOPUS
63	Internat ional	International Journal of Recent	Preprocessing and Feature Extraction Process in Predicting	K. Govindasamy and T.	ISSN: 2277-3878	2019	SCOPUS

		Technology and Engineering (IJRTE)	Students Performance using Clustering Technique	Velmurugan			
64	International	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Ascertaining Abnormal Regions in Mammogram Images Using Gravitational Search Local Map View Technique	M.P.Sukassini and Velmurugan.T	ISSN: 2278-3075 DOI:10.35940/ijitee.I8416.078919	2019	SCOPUS
65	International	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Prediction of Heart Disease using Name Entity Recognition based on Back Propagation and Whale Optimization Algorithms	Latha. U and Velmurugan. T	ISSN: 2278-3075 DOI:10.35940/ijitee.J1081.08810S19	2019	SCOPUS
66	International	Journal of Adv. Research in Dynamical & Control Systems	Performance Analysis on K-Means and Fuzzy C-Means Clustering Algorithms Using CT-DICOM Images of Lung Cancer	A. Dharmarajan and Velmurugan. T		2019	SCOPUS
67	International	International Journal of Innovative Technology and Exploring Engineering	Quality Based Analysis of Clustering Algorithms using Diabetes Data for the Prediction of Disease	K. Saravananathan and Velmurugan. T	ISSN: 2278-3075 DOI:10.35940/ijitee.K1072.09811S219	2019	SCOPUS
68	International	International Journal of Data Mining Techniques and Applications	A Survey on the Online Shopping Customer Review Data using Association Rule Mining	B.Hemalatha and Velmurugan. T	ISSN: 2278-2419	2019	UGC
69	International	International Journal of Recent Technology and Engineering (IJRTE)	Direct-Indirect Association Rule Mining for Online Shopping Customer Data using Natural Language Processing	B. Hemalatha and Velmurugan. T	ISSN: 2277-3878 DOI:10.35940/ijrte.D7396.118419	2019	SCOPUS
70	International	International Journal of	Preprocessing The Groundwater Quality	R. Arunkumar and	ISSN: 2278-	2019	SCOPUS

		Innovative Technology and Exploring Engineering (IJITEE)	Data by LSR And QDR Techniques	Velmurugan. T	3075 DOI:10.35940/ijitee.B7288.129219		
71	International	Journal of Computer and Communications	A Hybrid Multifarious Clustering Algorithm for the Analysis of Mammogram Images	Velmurugan, T. and Venkatesan, E	DOI: 10.4236/jcc.2019.712013	2019	UGC
72	International	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Enhancing Security in Cloud Computing using Playfair and Ceasar Cipher in Substitution Techniques	S. Karthiga and T. Velmurugan	ISSN: 2278-3075 DOI:10.35940/ijitee.D1363.029420	2020	SCOPUS
73	International	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Impact of Customer Feedback System using Machine Learning Algorithms for Sentiment Mining	B. Hemalatha and Velmurugan. T	ISSN: 2278-3075 DOI:10.35940/ijitee.D1537.029420	2020	SCOPUS
74	International	International Journal of Advanced Science and Technology	Mining Implicit and Explicit Rules for Customer Data Using Natural Language Processing and Apriori Algorithm	T. Velmurugan and B.Hemalatha		2020	SCOPUS
75	International	Journal of Critical Reviews	Factors Influencing The Impact Of Technological Innovations On Localized Adult Education	G. SriPradha, P. Kumaragurudasan and T. Velmurugan	DOI: 10.31838/jcr.07.16.331	2020	SCOPUS
76	International	Journal of Information and Computational Science	Comparative study on Prediction of Support and Resistance Levels with k-Nearest Neighbor and Long Short-Term Memory Methods	T.Velmurugan and T. Indhumathy	DOI:10.12733.JICS.2020.V10I9.535569.13021	2020	UGC
77	International	Journal of the Maharaja Sayajirao University of	An Exploratory Data Analysis Process on Groundwater Quality Data	R. Arunkumar and T.Velmurugan		2020	UGC

		Baroda					
78	International	Journal of the Maharaja Sayajirao University of Baroda	Performance of *k*-Nearest Neighbor and Gated Recurrent Unit in Stock Market	T. Indhumathy and T.Velmurugan		2020	UGC
79	International	Journal of Computer Science	Predicting Support and Resistance Indicators for Stock Market with Fibonacci Sequence in Long Short-Term Memory	Velmurugan. T and Indhumathy. T	https://doi.org/10.3844/jcssp.2020.1428.1438	2020	SCOPUS
80	International	Journal of Computer Science	Security based Approach of SHA 384 and SHA 512 Algorithms in Cloud Environment	Velmurugan. T and Karthiga. S	https://doi.org/10.3844/jcssp.2020.1439.1450	2020	SCOPUS
81	International	Journal of Computer and Communications	Classifying Heart Disease in Medical Data Using Deep Learning Methods	Velmurugan, T. and Latha, U	DOI: 10.4236/jcc.2021.91007	2020	SCOPUS
82	International	Wesleyan Journal of Research	A Survey on the Analysis of Parkinsons Disease Using Computational Methods	J. Dhinakaran and T. Velmurugan		2021	UGC
83	International	Wesleyan Journal of Research	Enhancing Security Using Message E Digest Authentication with Salt and Without Salt in Cloud Environment	S. Karthiga and T. Velmurugan		2021	UGC
84	International	Turkish Online Journal of Qualitative Inquiry	Analysis of M-Learning Technologies and Approaches: A Survey	SriPradha. G, P. Kumaragurudasan, T. Velmurugan		2021	SCOPUS
85	International	Design Engineering	Attributes based Behavior Pattern Analysis of Association Mining Algorithms using Groundwater Data	R. Arunkumar and T. Velmurugan		2021	SCOPUS
86	International	Shodhsamhita: Journal of Fundamental & Comparative Research	Educational Data Mining In Blended Learning: An Updated Survey on Edm Techniques and Learning Tools Used	G. Kanimozhi, P. Kumaragurudasan and T. Velmurugan		2021	UGC

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87	International	Shodhsamhita: Journal of Fundamental & Comparative Research	Influence of Classification Algorithms for the forecast of Cardio Vascular Disease: A Survey	N.Jagadeesan and T. Velmurugan		2021	UGC
88	International	Journal of Industrial Information Technology and Application	Impact of Classification Algorithms for the Prediction of Heart Disease: A Survey	N.Jagadeesan and T. Velmurugan		2022	UGC
89	International	Shodhsamhita: Journal of Fundamental & Comparative Research	A Survey on the Analysis of Social Media Data by Dictionary and Corpus Based Approach in Sentiment Analysis	Sridevi. PC and T. Velmurugan		2022	UGC
90	International	Shodhsamhita: Journal of Fundamental & Comparative Research	A Survey on the Research Challenges of Big Data Analytics	Sukassini. M.P and T. Velmurugan		2022	UGC
91	International	Shodhsamhita: Journal of Fundamental & Comparative Research	Analyse the Groundwater Data in Local and Cloud Structure using Fp-Growth Association Mining Algorithm	Arunkumar. R and T. Velmurugan		2022	UGC
92	International	Shodhsamhita: Journal of Fundamental & Comparative Research	Research Challenges in Big Iot Data Analytics	Deepalakshmi. S and T. Velmurugan		2022	UGC
93	International	Mathematical Problems in Engineering	A Novel Ensemble Stacking Learning Algorithm for Parkinson's Disease Prediction	T.Velmurugan and J.Dhinakaran			SCOPUS and SCIE

94	International	Shodhsamhita: Journal of Fundamental & Comparative Research	Prediction of House Sales Prices using Hyperparameter Tuning Method of Machine Learning (Ml) Algorithms	Radhakrishnan . K and T. Velmurugan		2022	UGC
95	International	Neuro Quantology	Analyzing House Sales Prices byhyperparameters tuning Method Using Deep Learning (DL) Techniques	Radhakrishnan . K and T. Velmurugan	doi: 10.14704 /nq.2022. 20.8.NQ 44159	2022	SCOPUS
96	International	Shodhsamhita: Journal of Fundamental & Comparative Research	Text Based Survey of Online Customer Reviews using the Techniques of Sentiment Analysis	K. Jayabharathi and T. Velmurugan		2022	UGC
97	International	Shodhsamhita: Journal of Fundamental & Comparative Research	Impact of Customer Reviews on Purchase based Data using Sentiment Analysis with Machine Learning Algorithm	M. Archana and T. Velmurugan		2022	UGC
98	International	Shodhsamhita: Journal of Fundamental & Comparative Research	PREPROCESSING THE PARKINSON DISEASE DATASET BY STATISTICAL TECHNIQUES	J. Dhinakaran and T. Velmurugan		2022	UGC

20	Details of AWARDS received:		
S.No	Title of the Award	Awarding Agency / University / Government	Month/Year
1	Best paper Award	Int. Conference on Systemics, Cybernetics and Informatics, Hyderabad	2008
2	Appreciation Award	Int. Conference on Information and Convergence Technology for Smart Society, Bangkok, Thailand	2015
3	Best Researcher Award	The 2nd International Conference on computing paradigms held at Don Bosco College, Chennai	2016
4	Best Faculty Award	Integrated Intelligent Research, Chennai	2018
5	Best Research Supervisor Award	Chennai Softech Solutions and Manamuna Foundations, Chennai	2021

6	Best Research Supervisor Award	Chennai Softech Solutions, Chennai	2022

21	Details of MEMBERSHIP IN EDITORIAL BOARD/ACADEMIC AGENCIES/BODIES:			
S.No	Name of the Journal/Magazine/Agency	Position in the Board	ISBN/ISSN No.(if any)	Year
1	Journal of Computer Science (JCS)	Editorial Board Member		2011
2	International Journal of Wireless Communication and Sensor Network (WCSN)	Editorial Board Member		2007
3	International Journal of Business Intelligents (IJBI)	Editorial Board Member		2008
4	International Journal of Smart System	Editorial Board Member		2015
5	The Research Journal of Computer Science and Information Technology (RJCSIT)	Editorial Board Member		2017
6	Journal of Computer and Communications	Editorial Board Member		2019
7	Acta Scientific Computer Sciences	Editorial Board Member		2020
8	VIT Press International Journal of Computer Applications (VITP-IJCA)	Editor In-chief		2021
9	VIT Press International Journal of Computer Science (VITP-IJCS)	Editorial Board Member		2021

22	POSITIONS HELD in this institution:		
S.No.	Institution/ Department Level	Position	Duration
1	Institution Level	Head of the Department	2 Years 5 Months
2	Institution Level	Head of the Department	7 Years 6 Months
3	Institution Level	Additional Chief Superintendent	1 Year
4	Institution Level	Camp Officer	3 Years
5	University of Madras	Camp Officer - Central Valuation	4 Semesters
6	Institution Level	Dean of College Union Council	2 Years
7	Institution Level	Chief Superintendent for Model Examination	13 Years
8	University of Madras	Selection Committee Member for Qualification Approval	3 Semesters
9	University of Madras	Expert Committee Member for Course Affiliation	24 Years