

PROFILE

PERSONAL INFORMATION:

Name Mrs.R.Vanitha
Designation Assistant Professor
Department InformationTechnology
E-Mail ID vanithar@mannarcollege.ac.in
Address 12 Third Street,
Kovalan Nagar,
Madurai625003.



Academic Qualification (Undergraduate onwards):

S.No.	Degree	Year of Passing	Subject	Name of the Institution/University
1	B.Sc.,	2002	Computer Science	Govt.Arts and Science College, Nilakottai. Dindigul (D.T)
2	M.Sc.,	2004	Computer Science	Madurai Kamaraj University, Palkalai Nagar, Madurai.
3	M.Phil.,	2007	Computer Science	Madurai Kamaraj University, Palkalai Nagar, Madurai.

Ph.D Thesis Title ,Institute/Organization/University and Year of Award:

S.No	Ph.D Thesis Title	Field of Specialization	Institute/University	Year of Award dd/mm/yr (viva voce date as per Syndicate communication)
1	Machine Learning Approaches to detect and classify Thyroid Cancer	Machine Learning	Madurai Kamaraj University, Palkalai Nagar, Madurai.	Pursuing(from 07.03.2022)

TEACHING EXPERIENCE:

S.No.	Positions Held	Name of the Institute	Designation	From	To	Others
1	Assistant Professor	Govt. Arts and Science College ,Nilakottai. Dindigul(D.T)	Assistant Professor	20/06/2006	15/04/2007	
2	Assistant Professor	Mannar Thirumalai Naicker College	Assistant Professor	18/06/2007	Till now	

Faculty Development Programme /Short Term Courses attended(other than MTNC):

S.No	Faculty Development Programme /ShortTerm Course	Title of the Programme/Course	Name of the Institution/ University	Month and Year
1.	Faculty Development Programme	Free and Open Source	Thiagarajar College of Engineering, Madurai.	29/08/2015
2.	Faculty Development Programme	Moodle Learning Management System (Fdp)	IIT,Mumbai.	06.06.2020-10.06.2020
3.	Faculty Development Programme	Four Day FDP – Recent Technology in Computing Technologies And Tools	Panimalar Institute of Technology,Chennai	3.7.2020-4.7.20, & 6.7.2020-7.7.20,
4.	OnlineCourses	Php And Mysql	IIT,Mumbai	4.3.21
5.	Faculty DevelopmentProgramme	Recent Research Directions Applying Deep Learning For Health Informatics (Fdp)	Arulmigu Kalasalingam College of Arts And Science	19.05.2021
6.	Orientation	SUCCESSFUL STARTUP FOUNDER	Sethu Institute of Technology	11.3.2021 (1 Day)
7.	Two Day Faculty Development Program	Open Source Tools for Cybersecurity	Karpagam College of Engineering Coimbatore.	23.12.2021
8	One Week Faculty Development Program	Current Trends in Information Technology	Nehru Arts and Science College, Thirumalayampalayam, Coimbatore.	02.02.2022-09.02.2022
9.	Two Days OnlineFaculty Development Program	Secrets, Finding, Writing and Winninga Research Grant	R&D Cell,Pollachi College of Arts and Science,Pollachi, Coimbatore	01.03.2022 - 02.03.2022
10	National	Course on machine learning using python	Marcello tech	17.10.2022-29.10.2022
11	National	Course on 30 days deep learning master class	Pantech e-Learning pvt ltd, chennai	11.11.2022-11.12.2022

Publications(List of papers published, in year wise descending order):

S. No	Title of the paper	Name of the Authors	Name of Journal	Month & Year	ISSN	Volume & Issue	Impact Factor	ID Indexed in Scopus, Web of Science, Pubmed / approved by UGC/ UGC CARE List
1	Multimedia Mining Techniques which are used	Mrs.R.Vanitha	SHANLAX	03/08/2018	2321-788X	1	3.025	Peer Reviewed Journal
2	Bitcoin – A Decentralized Global Currency	Mrs.R.Vanitha Mrs.T.Thivya sindhu	IJRAR	22/08/2019	2349-5138	1	5.75	Peer Reviewed Journal
3	Intelligent of Thyroid Disease Prediction using Attributes of Machine Learning	Mrs.R.Vanitha	IJRSET	15.09.2021	e-ISSN:2319-8753	10 &2	7.569	Peer Reviewed Journal
4	Thyroid cancer detection using machine learning Techniques	Mrs.R.Vanitha	IJCRT	22.01.2022	2320-2882	10&1	7.97	Peer Reviewed Journal
5	A Novel Classification Methodology for Thyroid Cancer using C4.5 with Firefly Optimization Algorithm (CFOA)	Mrs.R.Vanitha	Indian Journal of Science and Technology	14.07.2022	Print: 0974-6846 Electronic: 0974-5645	15(26) Pages: 1324-1335		Web of science
6	Hybrid Model of KNN and PCA to Pre-processor of Thyroid Dataset using Machine Learning	Mrs.R.Vanitha	Journal of Pharmaceutical Negative Results	18.12.2022		13 & 3		Scopus
7	A Comparative Study of Deep Hybrid Classifier for Thyroid Cancer Prediction	Mrs.R.Vanitha	Humanities and Social Science Studies journal	July - December : 2023	Vol. 12, Issue 02, No. 9,	ISSN 2319-829X with IF=7.28		UGC Care

Research Articles Published in Proceedings:

S. No	Name of the Author/ Authors	Title of the Article	Title of the Conference /Seminar	International/National/ State	ISBN Number	dt/mm/yr
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1	Mrs.R.Vanitha	A Survey on Augmented	Global Talent Management The Digital Era	International Level	978-93—86537-95-9	13-09-2017
2	Mrs.R.Vanitha	Multimedia Mining Techniques Which are used	International conference on Virtual Reality Techniques	International Level	ISSN:2321-788x	03-08-2018
3	Mrs.R.Vanitha	An Efficient Thyroid Cancer Prediction and Comparative Study Using Machine Learning Algorithm with Classifier - For Medical Data Analysis	International Conference on In-World Technologies:	International Level	-	25.05.2022
4	Mrs.R.Vanitha	Evaluation of Algorithms With Features in Machine Learning For Thyroid Disease Detection	National Conference on Sustainable Computing and Development (NCSCD) – 2023	National Conference	ISBN: 978-93-95105-07-1	02.02.2023
5	Mrs.R.Vanitha	Survey of analysis in Thyroid Prediction and Providing Medicine using Machine Learning Techniques	Peer Reviewed Journal on International Conference NEXUS'23	National Conference	979-81-959098-1-0	27.01.2023 & 28.01.2023
6	Mrs.R.Vanitha	Deep Learning Based Method For Predicting Thyroid Cancer	National Conference on Industry 4.0 Navigating a Changing Landscape	National Conference	-	06.10.2023

Paper presented in Conference/Seminar:

S. No	Title of the Paper	International/National /State Level	Title of the Conference	Institution/College Name	dt/mm/yr
1	Augmented Reality	International Level	Trends in Multimedia	Sourashtra College	30.8.2017

2	ASurveyon Augmented	International Level	Global Talent management in the digital Era	Fatima College	13-09-2017
3	Multimedia MiningTechniques	International Level	Virtual Reality Techniques	Fatima College	03-08-2018
4	Bitcoin-A Decentralized Global	International Level	Emerging Trends in Science, Technology and Mathematics (ICETSTM's)	Parvathy's Arts & Science College ,Dindigul	22.08.2019
5	An Efficient Thyroid Cancer Prediction and Comparative Study Using Machine Learning Algorithm with Classifier -For Medical Data Analysis	International	virtual conference on In world Technologies :Venture into Next Gen	Fatima College	25.5.2022 - 26.05.2022
6	Evaluation of Algorithms With Features in Machine Learning For Thyroid Disease Detection	National Conference	National Conference on Sustainable Computing and Development (NCSCD) – 2023	PSG College of Arts &PSG Centre for Academic research and Excellence	02.02.2023
7	A Survey of analysis in Thyroid Prediction and Providing Medicine using Machine Learning Techniques	International	International Conference on"Integrated Technologies in Computer Applications"	Nadar Saraswathi College of Arts and Science ,Theni	27.01.2023 - 28.01.2023

Seminars/Conferences/Workshops/Webinars Attended (other than MTNC):

S. No	International /National /StateLevel	Title of the Programme/ Course	Name of the Institution/University	dt/mm/yr
1	State	Convergence Technologies	S.Vellaichamy Nadar College, Madurai	07/10/2009
2	National	Research Issues In ComputerApplications	Sri Meenakshi Government College For Women	08/01/2011
3	State	Web Applications	The Madura College(Autonomous)	28/02/2011
4	State	Data Networks	The Madura College(Autonomous)	14/03/2013
5	State	Convergence Of Technologies In It	S.VellaichamyNadarCollege,	26/09/2013

6	State level Seminar(UG CSponsored)	Applied DataMining	Sri Meenakshi Government Arts College For Women, Madurai	20/01/2015
7.	International	ROBOTICS AND BIGDATA	S.Vellaichamy Nadar College, Madurai.	03/07/2015
8.	FDP	Free and Open Source Software	S.Vellaichamy Nadar College, Madurai.	29/08/2015
9.	International Seminar	Robotics and Bigdata	FatimaCollege	03/09/2015
10	National level Conference	Recent Trends in Technologies	Mangayarkarasi college of Arts&Science For women, Madurai	27-08.2016
11	National level Conference	Walk on Soft Computing	Mangayarkarasi college of Arts&Science For women, Madurai	30-01.2016
12	National Level Seminar (Sponsored DST-Purse)	Cyber Crimes and SecurityIssuesinDigitalWorld	Madurai Kamaraj University	26/02/2018
13	International Conference	Emerging Trends in Science,Technology And Mathematics(ICETSTM's)	Parvathy's Arts and Science College ,Dindigul	22.08.2018
14	International Level Seminar	BigData Analytics	Madurai Kamaraj University	21/02/2019
15	International	Three Days International Workshop On "Real Time Cognitive ServicesUsingAzure Cloud	Parvathy'sArtsandScience College,Dindigul	10.06.2020 - 12.06.2020
16	State	Online FDP –NTA UGC Net &Set(Paper 1) Numerical AptitudeTraining	Parvathy's Arts and Science College,Dindigul	01.06.2020 - 06.06.2020

17.	National	MoodleLearningManagementSystem(Fdp)	IIT	06.06.2020-10.06.2020
18.	National	Four Day FDP – Recent Technology In Computing Technologies AndTools	Panimalar Institute of Technology, Chennai	3.7.2020 - 4.7.2020, 6.7.2020 - 7.7.20,
19.	State	RecentResearchDirectionsin Applying Deep Learning For Health Informatics(Fdp)	Arulmigu Kalasalingam College Of Arts And Science	19.05.2021
20.	State	EMOTIONAL INTELLIGENCE(WEBINAR)	KLN COLLEGE OF ENGINEERING	08.06.2020
21.	INTERNATIONAL	ENTREPRENEURSHIP DEVELOPMENT(WEBINAR)	NEHRU INSTITUTE OF TECHNOLOGY	15.06.2021

22.	National	Webinar– Clear UGC NET Paper 2 And 3	Nirmala College for Women,Coimbatore	
23.	International	Effective Approach to the Essentials of Research	KGS College of Arts and Science,Coimbatore	17.11.2020– 21.11.2020
24.	National	Php And Mysql Training	IITBombay	04.03.2021
25.	National	Current Trends On BigData(Webinar)	Mangayarkarasi College Of Arts And Science For Women	04.03.2021
26.	International	Recent Advancements In MachineLearning(Webinar)	Arul Anandar College	18.03.2021 & 19.03.2021
27.	International	IsDownSyndrome A Disability(Cpc)	PSR Krishnammal College For Women	25.03.2021
28.	International	Cloud Computing With MicrosoftAzure(Webinar)	Madurai Sivakasi Nadars Pioneer Meenakshi College For Women	12.04.2021
29.	State	Wearable Industrial Internet of Things(IIoT)vs Industry 4.0 Machine Learning In ComputerVision	Department of Computer Science and Engineering Nehru Institute of Technology, Coimbatore	22.05.2021
30.	International	BuildingBlocksOfLife(Webinar)	Parvathy’sArtsAndScience	28.05.2021
31.	International	Entrepreneurship Development(webinar),	Nehru Institute of Technology	15.06.2021
32.	International	2 Days of Wordpress website Development Workshop	Digital marketing services	25.12.2021 & 26.12.2021
33.	International	Two Weeks Workshop on Analytical tools for Image Processing	MHRD-RUSH 2.0 ,University of Madras	01.02.2022 & 17.02.2022
34.	National	One week faculty program on current trends in information technology	Nehru Arts and science college,Coimbatore	02.02.2022- 09.02.2022
35	National	Two days online faculty development program on Secrets,finding,writing and winning a research grant	Pollachi college of arts and science , Pollachi.	01.03.2022- 02.03.2022
36	National	Four day online faculty development program on Revised manual of SSR	Immanuel college, Dimapur, Nagaland	8.6.2022- 11.06.2022
37	National	Webinar on regression analysis :mother of all models: online media case study	American college, madurai	1.10.2022
38	National	Two day online faculty development program NEP-2020	Yashwantrao Chavan Ars, Commerce and Science college,Ambajogai	17.10.2022- 18.10.2022
39	International	Webinar on Design thinking on innovation & life skills	SNMV college, Coimbatore	28.10.2022
40	National	online faculty development program on Recent Trends in artificial intelligence and cyber security	Shri Vishnu engineering college for women,Bhimavaram	1.11.2022- 05.11.2022

41	National	faculty development program on Application of machine learning with python	Thiagarajar college, madurai	9.11.2022
42	National workshop	Intellectual property rights: Awareness and patent process	Vaidyanath college, parli vaijnath	12.12.2022
43	National	Five day faculty development program on Microsoft power BI data analyst ,associate	Solamalai college of engineering, madurai	14.11.2022-18.11.2022
44	National Workshop	Five days workshop on machine learning and deep learning techniques for VLSI	KL University	15.11.2022-19.11.2022
45	National	online faculty development program on societal applications of machine learning	Shri Vishnu engineering college for women, Bhimavaram	26.12.2022-30.12.2022
46	International	Seminar on Impact of artificial intelligence in technological development.	Dembi Dollo University, Ethiopia	27.01.2023
47	state level seminar	“Intellectual Property Rights”	The American College	03.02.2023
48	National	online faculty development program on recent advances in data science , data analytics and cyber security	Shri Vishnu engineering college for women, Bhimavaram	01.03.2023 -05.03.2023
49	Virtual National	online faculty development program on Recent advancements in computing technology	Sri S.Ramasamy Naidu Memorial college	13.2.2023 - 17.2.2023
50	Virtual National	Webinar on changing role on HR heads for Gen Z and Millennials	BVICAM ,New Delhi	11.02.2023
51	International	Webinar on Consequences of cloned journal publications	St Francis De Sales College	4.2.2023
52	National	Bridge-23-Madurai	ICT Academy	30.09.2023
53	National	Youth Leadership Summit 2023 - Coimbatore	ICT Academy	12.10.2023
54	International	Seven Days International Level Faculty Program on Exploring Technology Advancement-A Voyage into Emerging Horizons	Sri S.Ramasamy Naidu Memorial College-Sattur	20.11.2023 - 27.11.2023

Positions held a Tour College(MTNC):

S. No	Name of position	From	To
1	Assistant Professor	2007	Till Date

2	Member in Calendar Committee	2015	Till Date
3	CCA-Coordinator	2017	2019
4	Member in Alumni Committee	2016	Till Date
5	Member in Criterion VII Committee	2019	Till Date

Workshop/Conference/FDP Attended MTNC:

S. No	International/ National/ StateLevel	Title of the Workshop/Conference	Name of the Institution/University	Month and Year
1	State	Faculty Development Programme	Mannar Thirumalai Naicker College	21/05/2008
2	State	Spoken tutorial Software Program	Mannar Thirumalai Naicker College	30/12/2016
3	State	Android Application Development–Robokart.Com	Mannar Thirumalai Naicker College	28/02/2017
4	National	Android Application Development	Mannar Thirumalai Naicker College	28-02-2017
5	State	Faculty Development Programme(FDP)	Mannar Thirumalai Naicker College	04-03-2017
6.	State	One Who Can Do ,Teaches !How ToDo? And What To Do?	Mannar Thirumalai Naicker College	08-03-2019
7	State	One day Training and Production work shop on prospects of	Mannar Thirumalai Naicker College	09-03-2019
8	State	One Day Capacity Building Program On Outcome Based	Mannar Thirumalai Naicker College	28.08.2019
9	State	Research Writing	Mannar Thirumalai Naicker College	19-10-2019
10.	International	Algorithmic thinking and problem solving	Mannar Thirumalai Naicker College	23-01-2020
11.	State	Entrepreneurship Opportunities inIoT	Mannar Thirumalai Naicker College	13-02-2020
12.	State	e-Content Development and	Mannar Thirumalai Naicker College	29.02.2020
13.	State	Quality Assurance And sustenance in Higher Education (FDP)	Mannar Thirumalai Naicker College	11-03-2020
14.	National	Webinar-Introduction To Data Science	Mannar Thirumalai Naicker College	11.06.2020

15.	State	Webinar - Entrepreneurship Training Webinar on Handmade Face Making	Mannar Thirumalai Naicker College	18.06.2020
16	State	Webinar -Lead by Example "Impress, Inspire And Influence"	Mannar Thirumalai Naicker College	25.06.2020
17.	State	Preparing for admission during covid(workshop), Master Soft	Mannar Thirumalai Naicker College	05.05.2021
18	NATIONAL	BIODIVERSITY LIFE INSURANCE FOR CHANGING WORLD	Mannar Thirumalai Naicker College	26.05.2021
19	National	Technological Innovation and Artificial Intelligence	Mannar Thirumalai Naicker College	06.04.2022
20	National	Education 4.0 for Sustainable Economic Development	Mannar Thirumalai Naicker College	27.04.2022
21	State	Enhancing Quality by Unearthing Innovative Practices-Equip 2022	MannarThirumalaiNaickerCollege ,Madurai.	18.04.2022 - 24.04.2022
22	State	Dynamics of Research Publication	MannarThirumalaiNaickerCollege ,Madurai.	15.09.2022 & 16.09.2022
23	State	Insights of NEP 2020	MannarThirumalaiNaickerCollege ,Madurai.	18.03.2023
24	International Seminar	Recent Trends in Computing Intelligence & Industry 4.0	MannarThirumalaiNaickerCollege ,Madurai.	24.03.2023
25	National level	Two Day National level online workshop on Chat GPT & AI Tools to save 2 hours & work Daily	MannarThirumalaiNaickerCollege ,Madurai	27.07.2023 - 28.07.23

Details of Books published :

S.No	Title of the Book	Name of the Publisher	ISBN No	Year
1.	An Introduction to Robotics	SKGC Publisher	978-93-95341- 17-2	DEC 2022

Number of Patents : 1 :

S.No	Title	Application No	Year
1.	Classification of images based on extensive context and content feature set	202341035356 A	DEC 2022

E-Quiz Attended:

S.No	International/ National /StateLevel	Title of the Programme/Course	Name of the Institution/University	Month and Year
1.	International	International Yoga Day	V.V.Vanniaperumal College For Women, Virudhunagar	21.06.2020
2.	State	E-Quiz On Research Methodology	Raj University	02.05.2020
3.	State	Online Quiz On DBMS	Devanga Arts College	24.05.2020
4.	State Level	E-Quiz on "World Environment Day 2020"	E-Quiz on "World Environment Day 2020"	05.06.2020
5.	State Level	E-Quiz on "NETBITS" on Computer Networks	Mannar Thirumalai Naicker college, Madurai	07.06.2020