

Name	Dr.M.VIMALADEVI			
Department & Designation	CSE & ASSOCIATE PROFESSOR			
Qualification	M.E., Ph.D.,			
Area of Specialization	DATA MINING			
Date of Joining (KSR IET)	03-06-2019			
Experience (as on 01.06.2021)	Teaching: 14 Years 10 months	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	11
Number of Papers Presented	National Conferences : 08		International Conferences : 01	
Books Published	National Publisher	03	International publisher	01
Contact Details	E Mail: vimal.vcet@gmail.com Mobile: 9965214142			

GOOGLE SCOHOLAR LINK - <https://scholar.google.com/citations?user=SdBTX-MAAAAJ>

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WEBOFSCIENCE ID - AAY-4940-2020

PUBLONS LINK - <https://publons.com/researcher/3884180/vimaladevi-muthusamy/>

Publications (International Journals) : 11

1. **Vimaladevi, M &Kalaavathi, B** 2014, 'Microarray Gene Ranking Technique Based on Modified Successive Feature Selection Algorithm', International Review on Computers and Software, vol. 9, no. 3, pp.592 – 598.
2. **Vimaladevi, M &Kalaavathi, B** 2014, 'Feed-Forward Back Propagation Neural Network for Ranking Gene Expression Data', International Journal of Applied Engineering Research ISSN 0973-4562, vol. 9, no. 21, pp. 11315-11325.
3. **Vimaladevi, M &Kalaavathi, B** 2014, 'A microarray gene expression dataclassification using hybrid back propagation neural network', International Journal - Genetika, vol. 46, no.3,pp.1013-1026.
4. **Vimaladevi, M &Kalaavathi, B** 2014, 'Cancer Classification using Hybrid Fast Particle Swarm Optimization with Backpropagation Neural Network', International Journal of Advanced Research in Computer and Communication Engineering, vol. 3, no. 11, pp. 8410 – 8414.
5. **Vimaladevi, M, Pavithra , Priyanga , M ,Yamunadevi, S** 'LBP-Top Descriptor for Detecting Interesting Events in Crowded Environments' Indian Journal of Innovations

and Developments, Vol 5, No 5 ,2016, pp. 1-8

6. **Vimaladevi, M ,Kiruba, B, Nivethitha, A**, ‘k-NN Classifier For Skin Cancer Classification’ International Journal on Computer Science and Engineering, Vol. 9 No. 1,2017, pp. 7-13.
7. **Vimaladevi, M , Nivethitha, A, Kiruba, B**, ‘Trust Based Energy Efficient Routing For Wireless Sensor Networks’ Imperial Journal of Interdisciplinary Research, Vol. 3, Issue 2,2017, pp. 271-274.
8. **Vimaladevi, M , Nivethitha, A, Kiruba, B**, ‘Segmentation of Handwritten Tamil Character from Palm Script using Histogram Approach’ International Journal of Informative & Futuristic Research, Vol. 4, Issue 5, 2017, pp. 6418-6424.
9. **Vimaladevi, M , Kiruba, B, Diksha Dorin.J , AL.S.Mangaiyarkarasi**, ‘Similarity Based Image Re-ranking using Support Vector Machine’, International Journal For Research & Development In Technology, Volume-9,Issue-4(Apr-18) ISSN (O) :- 2349-3585.
10. **Vimaladevi, M , Kiruba, B**, ‘Farm Monitoring and Controlling Based On Precision Agriculture’, International Journal of Recent Engineering Research and Development, Volume 03 – Issue 04 , April 2018,PP. 25-30,ISSN: 2455-8761.
11. **Vimaladevi, M, Sowmitha V, Prakasham, V**, ‘A Secured and Authorized SEEN Protocol for Mobile Multimedia Data Collection Scheme in WMSNs’, Journal of XI’AN University of Architecture & Technology, June 2020, PP. 422 -429, ISSN : 1006-7930.

Publications (National Journals)

-Nil-

Publications (International Conferences)

- Presented paper titled “Enhanced Text Clustering Using Seeds Affinity Propagation” in the First International Conference on Computational Intelligence and its Applications- (ICCIA 2012) on 01.03.2012 to 03.03.2012 at Vivekanandha Institute of Engineering & Technology For Women

Publications (National Conferences)

- Presented paper titled “Skin cancer classification using KNN Classifier”, in the National Conference “Ncact14 held on 06.03.2014 at Sasurie College of Engineering.
- Presented paper titled “Enhanced AHP Model for Classification of Medical Data” in the National Conference on Innovative Technologies in computer Science NITCOM’13 held on 15.03.2013 at Hindusthan Institute of Technology.
- Presented paper titled “Classification of TEXT by using Self-Constructing Feature” in the National Conference on INNOVATIONS IN COMPUTERS INFORMATION & COMMUNICATIONS NCICIC-2012 on cloud computing held at Sasurie College of

Engineering on 17.03.2012

- Presented paper titled “Multiple View Points Based Text Clustering Using Seeds Affinity Propagation” in the National Conference on NCICT-2012 on 10.02.2012 at Kongu Engineering College.

- Presented paper titled “Protected Storage Services in cloud data using the technique in the direction of Publicly Auditable” in the National Conference on COMPUTING AND COMMUNICATION TECHNOLOGIES N3CT - 2011 on 17.03.2011 at Surya Engineering College,Erode.
- Presented paper titled “Automatic Determination of Cluster count using Dark Block Extraction Technique” in the National Conference on COMPUTING AND COMMUNICATION TECHNOLOGIES N3CT - 2010 on 20.03.2010 at Surya Engineering College,Erode.
- Presented paper titled “Improved e-Brainstroming using Agent-Based Technique” in the National Conference on EMERGING TRENDS IN ADVANCED COMPUTING on 24.02.2009 at Sasurie College of Engineering
- Presented paper titled “Enhanced Semantic Ideation Learning for Agent-Based E-Brainstroming” in the 4 thNational Conference on ETICSE’09 Emerging Trends in Computer Science and Engineering on 20.02.2009 at K.S.Rangasamy College of Technology, Tiruchengode

Books /Instruction materials/monograms published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Problem Solving and Python Programming	Dr.M.Vimaladevi Ms.B.Kiruba	Lakshmi Publications, Chennai	978-93-83103-23-2
2	Compiler Design	Dr.M.Vimaladevi Ms.B.Kiruba M.Mohanasundari	Suchitra Publications	978-93-87670-73-0
3	Big Data Analytics	Dr.M.Vimaladevi Dr.S.Selvi Dr. V.Kavitha	Suchitra Publications	978-93-87670-74-7

Book Chapters published

S. No	Title of the Book	Author(s)	Title of the Chapter	Year of Publishing
1	Edge Computing and Computational Intelligence Paradigms for the IoT	Kavitha V. Vimaladevi M. Manavalasundaram V. K.	Intelligent Pest Control Using Internet of Things Design and Future Directions	DOI: 10.4018/978-1-5225-8555-8.ch011

Funded Research Projects -Nil-

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.				

Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	26.08.2016	27.08.2016	IoT – Trends and Challenges	ISRO, 25,000 /-
2.	16.08.2017	17.08.2017	Big Data Analytics	CSIR, 30,000 /-

Consultancy Activities (Industry) -Nil-

S.No	Title of the Project	Name of the Company
1.		

Training Offered -Nil-

Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM)
- International Association of Engineers (IAENG)
- Internet Society
- EUAgenda

Subject Links

COMPUTER NETWORKS

PHYSICAL COMPONENTS OF NETWORK - <https://www.youtube.com/watch?v=gVrXLq5E-CQ>

HIGH LEVEL DATA LINK LAYER - <https://www.youtube.com/watch?v=yOc8zh0Hlls>

OSI REFERENCE MODEL - https://www.youtube.com/watch?v=vv4y_uOneC0

DOMAIN NAME SYSTEM - <https://www.youtube.com/watch?v=JkEY0t08-rU>

FIREWALL CONFIGURATIONS - <https://www.youtube.com/watch?v=aUPoA3MSajU>

PRINCIPLES OF MANAGEMENT

EVOLUTION OF MANAGEMENT - https://www.youtube.com/watch?v=vIf_YEkuGug

Henri Fayol's Principles of Management - <https://www.youtube.com/watch?v=90qpziPNRnY>

ORGANIZATIONS - <https://www.youtube.com/watch?v=x3TO7SwZZC8>

CONTROLLING - <https://www.youtube.com/watch?v=yxnXGvXfX9A>

MONITORING - <https://www.youtube.com/watch?v=VI0Eu5uZxXQ>

Dr.M.VIMALA DEVI Associate Professor K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY DATA MINING AND DATA ANALYTICS		All	Since 2015
	Citations	17	17
	h-index	3	3
	i10-index	0	0