Name	**:** Dr.V.Mathimalar	
Designation	**:** Assistant Professor	
Department	**:** PG & Research Department of Computer Science	
Qualification	: M.Sc., M.Phil., P.G.D.B.A, M.B.A., Ph.D	
Experience	**:** Teaching:34	Research: 18
Area of Specialization(s)	**:** Computer Networks	
Email (Official ID)	**:** mathimalar@sigc.edu	
Aadhar Number	**:** 4863 2528 6482	

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D	Computer Science	Bharathidasan University	2020
M.Phil.,	Computer Science	Bharathidasan University	2005
M.Sc.,	Computer Science	Seethalakshmi Ramasamy College(Autonomous)Trichy-Bharathidasan University	1990
B.Sc.,	Computer Science	Seethalakshmi Ramasamy College(Autonomous)Trichy-Bharathidasan University	1988

Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
M.Phil	35	

Research Publications (Indexed)

International :

1. "Secure Data Collection to Avoid the Densely Traffic Collusion Attack in Wireless Sensor Network", International Journal of Innovative Research in Computer Science and Communication Engineering,ISSN: 2320-9801, Vol .1, Issue 9, December 2013.

2. "Energy Efficient Target Tracking And Data Collection In Wireless Sensor Network", International Journal of Applied Engineering Research.ISSN: 0973-4562, Vol. 10 No.82(2015).

3. "Information Reclamation Progress For Multi-Item Requirements In MultiChannel Transmit Environments", International Journal of Computer Science and Mobile Applications, ISSN: 2321-8363, Vol 3, Issue 6, Page No: 45-50, June-2015.

4. "An Efficient Mining for Sensitive Transactional Data", International Journal of Engineering Science Invention ISSN: 2319-6734 ,July 2015.

5. "Secure Data Aggregation Using Efficient Key Management Technique In Wireless Sensor Network", International Journal of Advanced Technology in Engineering Science ISSN: 2348-7550, November 2015.

6. "A Decision Tree Classification Analysis For Diabetes", International Journal for Scientific Research and Development ISSN: 2321-0613, 2016.

7. "A Load Balancing Data Aggregation Trees Using Pairwise Scheme Authentication", International Journal of Advanced Research in Computer Science and Software Engineering, www.ijarcsse.com, IF: 2.5, Peer reviewed, ISSN: 2277-128X, Vol 6, Issue 4, Page No: 980-984, Apr 2016.

8. "An Improved Grid-Based Energy Efficient Load Balanced Clustering Scheme in WSN", International Journal of Computer Sciences and Engineering, www.ijcseonline.org, IF: 2.638, Peer reviewed, ISSN: 2347- 2693, Vol 4, Issue 4, Page No: 280-287, April 2016.

9. "Content based relevant image retrieval using SVM Clarification", International Journal For Science and Research in Technology, www.ijsart.com, IF: 4.284, Peer reviewed , ISSN(Online): 2395-1052, Vol 2, Issue 5, Page No: 713-720, May 2016.

10. "Energy Aware E-STAR Protocol for Hetrogeneous Multishop Wireless Sensor Networks", International Journal of Computer Science, www.ijcsjournal.com, Peer reviewed, ISSN: 2348-6600, Vol 4, Issue 2, Page No: 755-761, 2016.

11. "Content Established Relevant Image Recuperation using SVM Clarification", International Journal For Research & Development In Technology, www.ijrdt.org, Peer reviewed, ISSN: 2349-3585, Vol 5, Issue 6, Page No: 324-330, June 2016.

12. "Establishing Stable and Reliable Routes for Heterogeneous Multihop Wireless Sensor Networks", International Research Journal of Engineering and Technology, www.irjet.net, Peer reviewed, ISSN 2395-0072, Vol 3, Issue 7, Page No:1-6, July 2016.

National :

PATENT:

TITLE OF INVENTION

➢ Advanced IOT Sensor Networks for Accurate and Efficient Environmental monitoring

Field of Invention: Electronics

Publication Date: 31.01,2025

Participation in Conference

National:

1. Two day workshop on ETV cassette production held on -25th and 26th February -1999 at Department of educational technology, Bharathidasan University. Organised by Department of educational technology, Bharathidasan University.

2. One day seminar on "New trends in advertising" on 27.02.2002 –held at Srimad Andavan Arts and Science College. Organised by Department of Computer Science, Commerce and Business Administration of Srimad Andavan Arts and Science College.

3. Refresher course in Computer Science 03.11.2003 to 23.11.2003 at Bishop Heber College. Organised by Academic Staff College, Bharathidasan University.

4. Workshop on Industries Institution Interaction on 6 th and 7th –January -2005 – held at Hotel Femina. Organised by CSI, Internet users Club of Trichy, BHEL Small Scale Industries.

5. State level conference on "Current trends in research field of Computer Science" on 13th ,14th October-2006 held at Shrimati Indira Gandhi College. Organised by PG department of Computer Science, CSI ,Trichy chapter.

6. National level conference on "Bioinformatic tools for gene and protein analysis" on 6 th and 7th September -2007- held at Shrimati Indira Gandhi College. Organised by PG Department of Computer Science, CARI.

7. National seminar on "Animation based gaming, entertainment computing and education" on 13th and 14th March -2009 held at Bharathidasan University Technology Park. Organised by Bharathidasan University Technology Park and Shrimati Indira Gandhi College.

8. Regional level workshop on "Information communication technology – trends and techniques"- on 21.11.2009 held at Shrimati Indira Gandhi College. Organised by Bharathidasan University Technology Park ,CSI Trichy chapter ,and Computer Science Department of Shrimati Indira Gandhi College.

9. Workshop "Research Areas in Computer Science" on April -9 th -2010 held at Bharathidasan University Technology Park. Organised by Bharathidasan University Technology Park.

10. National level seminar on "High Performance Computing" on 23.02.2012, held at Shrimati Indira Gandhi College . Personal Details Permanent Address Organised by PG Departments of Computer Science, Information Technology, and MCA Shrimati Indira Gandhi College.

11. National seminar on "Cloud Computing" on 26th September -2012 held at Bharathidasan University Technology Park. Organised by Bharathidasan University Technology Park, CSI Trichy chapter, Shrimati Indira Gandhi College.

12. National level workshop on "Recent trends in Human –Computer Interaction" on 28th February -2015 held at Hotel Sangam. Organised by CSI Trichy chapter , Shrimati Indira Gandhi College , Saranathan College of Enigeerning.

13. National conference on "Software and Computing Technologies" on 14th September 2015 held at Shrimati Indira Gandhi College. Organised by Shrimati Indira Gandhi College , Bharathidasan University Technology Park, ,CSI Trichy chapter .

14. Two day international workshop on "Image Processing Research with Mathlab" on 31st July and 01 August 2015 held at Bharathidasan University Technology Park . Organised by CSI Trichy chapter,IEEE, Bharathidasan University Technology Park .

National:

Participation in Seminars

1. Participated in Science Festival (Vigyan Utsav) under the theme of " Science Communication & Popularisation" on 7th February 2022 Organized by Tamil Nadu State Council for Science and Technology, Chennai.

2. Participated in Science Festival (Vigyan Utsav) under the theme of " Women in S&T for Women" conducted on 10th March 2022 organized by Tamil Nadu State Council for Science and Technology, Chennai.

3. National seminar on Cloud Computing on 26.09.2012 conducted by **Shrimati Indira Gandhi college, Trichy**

Participation in Workshop

1. Participated in the Faculty Enrichment Program on " INTRODUCTION TO CLOUD COMPUTING " IN Virtual mode on 26th February 2022, conducted by Shrimati Indira Gandhi College, Trichy-2.

2. Participated in 6 Hours of Faculty development Program on MICROSOFT AZURE AI FUNDAMENTALS Conducted by ICT Academy On 14th March 2022 to 16th March 2022..

3. Participated in the Faculty Development Programme on "TABLEAU" on 14th June to 24th June 2022

4. Participated in IP Awareness / Training Program Under NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION on April 26,2023

5. Participated in workshop ,Research Methodology & Data Analysis using StatisticalPackage for Social Science & Analysis of moments structure(AMOS) on 30.01.2020 & 31.01.2020 conducted by, Primax foundation Bangalore in association with Bishop Heber College Trichy

6. Participated Workshop on Industries Institutions Interaction on 6/1/2005 & 7/1/2005.By CSI Trichy Chapter CSI Women Students Branch of SIGC,Trichy, Trichirapalli IT, Industries Association & BHEL Small Scale Industries Association.

Participation in Orientation Programme / Short Term Courses

1. Refresher course in Computer Science 03.11.2003 to 23.11.2003 at Bishop Heber College. Organised by Academic Staff College, Bharathidasan University.

Participation in Faculty Development Programme

1. Participated in Faculty Development Programme on " Redefining Research Skills : Enriching Research and Publication" from 1/4/2024 to 5/4/2024

2. Participated in the Seven Days Faculty Development Programme on "Understanding Outcome Based Education" from 10/6/2024 to 15/62024 & 18/6/2024

3. Participated in Malaviya Mission Teacher Training Programme(MM-TTP) of UGC NEP 2020 Orientation & Sensitization Programme Organized by Bharathidasan University ,Tiruchirappalli ,from 19/2/2024 28/2/2024.

4. Participated in Five day Inaternational Virtual Feculty Development Programme On " Convergence of Software Systems, Artificial Intellligence and Data Analytics" from 25/11/2024 to 29/11/2025.

Member in BoS :

1. PG Computer Science Board of Studies MEMBER FROM 2019 TO 2022, Bharathidasan University,Thiruchirappalli-24.
2. Appointed as a Chairman for Question paper setting board at Periyar University,Salem during 2018

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
Computer Society of India(CSI	Member	2017 to 2022