

**Name** : Dr. V. Manimekalai  
**Designation** : Assistant Professor  
**Department** : Computer Technology  
**Qualification** : MCA, M. Phil., Ph.D.  
**Experience** : Teaching: 11.5 Years Research: 9 years  
**Area of Specialization(s)** : Data Mining  
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### Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Computer Science	Sri Ramakrishna College of Arts & Science, Coimbatore	2023
M.Phil	Computer Science	MarudhuPandiyar Arts & Science College, Thanjavur.	2014
PG	MCA	Selvam College of Technology, Namakkal	2011
UG	B.Sc Physics	Holy Cross College, Trichy	2008

### Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
Certification	Introduction to C Programming	NPTEL	2017

### Research Publications (Indexed)

#### *International:*

- V. Manimekalai, J. Bhuvana and P. Dhanasekar, "SECURE PRODUCTION IN CUSTOMIZED WEB SEARCH", International Journal of Modern Trends in Engineering and Research, Vol. 1, No. 6, pp. 49-56, December 2014. Impact Factor: 1.714 & ISSN No.: 2349 – 9745.
- V. Manimekalai, R.Suresh, "RECENT DEVELOPMENTS IN AGRICULTURE USING DATA MINING TECHNIQUES", International Education & Research Journal, Vol. 3, Issue 6, June 2017. ISSN No.:2454 – 9916.
- V. Manimekalai, S. Gomathi @ Rohini, "A SURVEY ON CROSS DOMAIN OPINION MINING", International Journal of Computer Sciences and Engineering, Vol. 6, Issue 10, Oct 2018. E-ISSN No.:2347 – 2693.

- V. Manimekalai, S. Gomathi @ Rohini, “CROSS DOMAIN OPINION MINING USING MAXIMUM ENTROPY BASED CLASSIFIER”, International Journal of Physics, Vol. 1362, Nov 2019, Conf. Ser. 1362 012065.
- V. Manimekalai, S. Gomathi @ Rohini, “ENSEMBLE CLASSIFIER USING FUZZY C5.0 DECISION TREE FOR INFORMATION RETRIEVAL”, Design Engineering, Issue 8, Oct 2021, ISSN: 0011-9342.
- V. Manimekalai, S. Gomathi @ Rohini, “ENHANCED CROSS-DOMAIN SENTIMENT CLASSIFICATION USING ENSEMBLE FUZZY NEURAL NETWORK CLASSIFIER”, Neuroquantology, Vol. 20, Issue 8, May 2022, Page: 7483-7489.
- V. Manimekalai, S. Gomathi @ Rohini, “HYBRID RANDOM FOREST AND CONVOLUTIONAL NEURAL NETWORK FOR DEEP LEARNING CROSS DOMAIN SENTIMENT CLASSIFICATION”, Journal of Data Acquisition And Processing, Vol. 38, Issue, Jan 2023, ISSN: 1004-9037.

#### **Presentations in Conference**

- INTELLIGENT CLOUD MINING FOR DECISION SUPPORT SYSTEM IN MOBILE ENVIRONMENT , II - National level conference on Cloud Mining, Kongunadu College of Technology, Namakkal, 15-Mar-13.
- CROSS DOMAIN OPINION MINING, in International conference on Research Trends in Computing Technologies ICRTCT - 18, Dr.N.G.P Arts & Science College, 9-Aug-18, 10-Aug- 18.
- CYBER SECURITY USING ARTIFICIAL INTELLIGENCE, in National Conference on Emerging Trends in Mathematics with Computer Applications ETMCA – 19, Dr.N.G.P Arts & Science College, 12-Sep-19, 13-Sep-19.
- EYE GAZE COMMUNICATION SYSTEM in Second International National Conference on Emerging Trends in Computing Technologies ICRTCT– 20, Dr.N.G.P Arts & Science College, 28-Feb-20 to 29-Feb-20.

## **Participation in Conference**

### ***International:***

- Emerging Education Models for 21st Century Learner (NCEEM – 2015), Association of Principals of Colleges of Bharathiar University, Dr.N.G.P Arts & Science College, 1-Aug-15.
- A study on Factors influencing as a best practice for image classification in International conference on signals, communication and embedded system ICSCES -2020, ICT academy global Technology forum, 14-oct-20 to 18-Oct-20.

## **Participation in Seminars**

- ICTACT Youth leadership Summit 2015 Organized by ICT Academy of Tamil Nadu, CodissiaTrade Fair Complex, 23- Sep-15.

## **Participation in Workshop**

- Computer Programming, IIT-Bombay, Selvam College of Technology, 16-Jun-2014 to 21-Jun-2014.
- Computer Network, IIT-Bombay, Selvam College of Technology, 30-Jun-2014 to 5-Jul-2014.
- Cyber Security conducted by IIT-Bombay, Selvam College of Technology, 10 to 20-Jul-2014.
- MOOCs, e-content Development and Open Educational Resources (UGC – Sponsored), UGC – HRDC, BharathiyarUniversity, 22 to 26-Oct-2018 and obtained ‘A’ Grade.
- Short term training programme on Recent Trends and Challenge in Data Science by Hindusthan College of Arts &Science, 4 to 9-Jan-21.
- Awareness workshop on NIRF – INDIA RANKINGS - 2021 for Higher Educational Institutions by Institute for Academic Excellences in collaboration with collegiate education & technical education department, Govt of Telangana, 18 to 19-Jan-21.
- One day workshop on Outcome Based Education by Dr.N.G.P Arts and Science College, 04-Mar-2023.

## **Participation in Faculty Development Programme**

- SKILL DEVELOPMENT PARTNERSHIP WITH NITTTR, Selvam College of Technology, Namakkal , 2-May-2012 to 4-May-2012.
- ENTREPRENEURSHIP & CURRENTLY NEED OF EMPLOYMENT PARTNERSHIP WITHNITTTR, Selvam Arts & Science College, Namakkal, 5-Jun-2012 & 6-Jun-2012.
- INTRODUCTION TO J2EE, ICTACT, Knowledge Institute of Technology, 4 & 5-Dec- 2014.

- INTRODUCTION TO R PROGRAMMING, ICTACT, Dr.NGP Arts & Science College, Coimbatore, 30-Aug-2018 & 31-Aug- 2018.
- QUALITY INITIATIVES IN HIGHER EDUCATION, Dr. N.G.P. Arts and Science College,Coimbatore, 3-Dec-18 to 9-Dec-18.
- RESEARCH METHODOLOGY AND PEDAGOGY FOR TERTIARY EDUCATION, Dr. N.G.P. Arts and Science College, Coimbatore, 15-Jun-21 to 21-Jun-21.
- AMAZON WEB SERVICES, Aditya Engineering College in collaboration with Brain o Vision Solutions, India, 22-Aug-22 to 27-Aug-22.
- DEVOPS, SRM Institute of Science and Technology, 16-Jun-23 to 24-Jun-23.

### **Conference / Seminar / Workshop Organized**

- Co-Coordinator, “Trigger-13”, A National Level Technical Symposium, Selvam College of Technology, Namakkal, 24-Jan-2013.
- Co-Coordinator, “Trigger-14”, A National Level Technical Symposium, Selvam College of Technology, Namakkal, 14-Jan-2014.
- Coordinator, “CAC-13”, One Week Computer appreciation Course, Selvam College of Technology, Namakkal, 15 to 18-Apr-2013.
- Coordinator, IIT-BOMBAY Spoken Tutorial Workshop Selvam College of Technology, Namakkal, on 23 & 24-Jul-014.
- Organizer, Organized 4 IIT-BOMBAY Spoken Tutorial online courses during the year 2015 –2016.
- Organizer, Organized 5 IIT-BOMBAY Spoken Tutorial online courses during the year 2016 –2017.
- Organizer, Organized 7 IIT-BOMBAY Spoken Tutorial online courses during the year 2017 –2018.
- Organizer, Organized 4 IIT-BOMBAY Spoken Tutorial online courses during the year 2018 –2019.
- Organizer, Organized 3 IIT-BOMBAY Spoken Tutorial online courses during the year 2019 –2020.
- Organizing Committee member in second international conference on Research Trends in Computing Technologies during 28-Feb-2020 to 29-Feb-2020.
- Organizer, Organized 3 IIT-BOMBAY Spoken Tutorial online courses during the year 2019 –2020.

- Organizer, Organized 2 IIT-BOMBAY Spoken Tutorial online courses during the year 2020 –2021.
- Organizer, Organized 3 IIT-BOMBAY Spoken Tutorial online courses during the year 2021 –2022.

#### **Awards / Honors**

<b>Awards / Honors</b>	<b>Agency / Institute</b>	<b>Year of Award</b>
Favorite Teacher	Care Trust, Namakkal	2012
Best Faculty	Selvam College of Technology, Namakkal	2014
Best Mentor	IIT – Bombay	2020
Active SPOC in NPTEL	NPTEL	Jul- Dec 2022