

Dr. M.Mahadevi

Associate Professor

PG Department of Computer Science, Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for women, Chromepet, Chennai-44 .

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SCOPUS ID: 56516907300

Web of Science Researcher ID : H-4010-2016

Academic Contributions

- Possessing **15years of teaching experience** as an Assistant Professor in UG and PG Dept of Computer Science and **5 years of Head Position in the Department of Computer Science.**
- Presently Holding Position of **Dean of Research** from the academic year 2019.
- As Dean of Research, a training programme named “**Samzodhana Naipunyam**” was introduced to help the staff members and students to enhance their Research skills. Four training programmes were conducted during the academic year 2019-2020.
- **Editor Member of Artificial Intelligence Club** of the college from the academic year 2019-2020
- **College Admission Co-ordinator** for the academic year 2017-2018
- Member of NAAC in **Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for Women, Chennai for IIIrd Cycle in 2016-17.**
- **College Union Vice- President** for the year 2016-2017.
- **Valuation Camp member** for the year 2015-2016.
- **Department Association Vice President**
- **Guided more than 30 projects for PG Students.**
- **Organizing coordinator** for the National Seminar on Artificial Intelligence, Tech Expo 2019, and Tech Expo 2020.
- Possess good communication and team spirit
- Possess excellent teaching and monitoring skills
- Ability to complete assigned course within limited time period
- Familiar with the policies and guidelines of University
- Ability to explain technical concepts and ideas in a clear and precise way
- Self-motivator and excellent team player
- Responsible for designing IT courses like preparing syllabus and course requirements

Academic Qualifications:

Division / Exam Passed	Board/ University	Subject	Year	Grade/Merit
B.Sc	Madras University	Mathematics	1997	I Class
M.C.A	Madurai Kamaraj University	Computer Applications	2000	I Class
M.Phil	Manonmaniam Sundaranar University	Computer Science	2003	I Class
Ph.D	Manonmaniam Sundaranar University	Computer Applications	2018	-
SET		Computer Science and Applications	2018	-

Teaching Experience:

Courses Taught	Name of University/ College/ Institution	Duration
Computer Science (Self Supporting Stream)	Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for Women, Chromepet, Chennai-44	2005-2009
M.Sc (Information Technology) (Self Supporting Stream)	Do	2009-2014
M.Sc(Computer Science) (self-supporting stream)	Do	From 2014 till date.

Total Teaching Experience:

- a) Under Graduate : 4 Yrs
- b) Post Graduate : 11yrs

Research Work:

Research Stage	Title of work / Thesis	University where the work was carried out
Ph.D completed in 2018	Detecting Facial Expressions using Genetic Algorithm	Manonmaniam Sundaranar University

Details of Seminars / Conference / Symposia organized :

S.No	Topics/ Webinar	Role	Organized By
1	Artificial Intelligence	Organizing Member	Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for women
2	“Bird’s Eye View on Artificial Intelligence”	Organizing Member	Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for women
3	Equipping the Millennial Teachers - Hands on Training to Prepare for Digital Classrooms	Resource Person	IQAC – Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for women
4	TECH EXPO ‘20	Organizing Coordinator	Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for women
5	TECH EXPO’19	Organizing Coordinator	Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for women
6	National Seminar on Artificial Intelligence	Organizing Coordinator	Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for women

Research Contributions:

- **Areas of Research interest are Image Processing, Genetic algorithm, Data mining and Data Science.**
- **Published 11 articles in International journals. Has participated and presented articles in International conferences.**
- **Presented an article in ISBAST conference at Kuala Lumpur, Malaysia in the year 2014.**

Research project:

Title of the Project	Name of the Funding Agency	Duration	Amount in Rs.	Remarks
Factors influencing college admissions in Sub-Urban area	Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for women -Management	18 months	25,000	Completed

Paper Presentation:

1. M.Mahadevi, Dr.C.P.Sumathi,“Face detection based on skin color model and connected component with template matching”, International Conference on Information Communication and Embedded Systems (ICICES), 27-28 Feb 2014, DOI:10.1109/ICICES.2014.7033802, ISBN NO: 978-1-4799-3835-3
2. M.Mahadevi, Dr.C.P.Sumathi, “Comparative analysis of skin color model for face detection”, International Symposium on Biometrics and Security Technologies (ISBAST), 2014, 26-27 August 2014, DOI:10.1109/ISBAST.2014.7013088 ISBN.NO: 978-1-4799-6443-7.

Journal Publications:

1. Dr.C.P.Sumathi, T.Santhanam, M.Mahadevi, “Automatic facial expression analysis -a survey”, International Journal of Computer Science and Engineering Survey, Volume-3, Issue 6, December 2012.
2. M.Mahadevi, Dr.C.P.Sumathi, “Face localization based skin color”, International Journal of Computer Applications (0975 – 8887) Volume 109 – No. 12, January 2015
3. M.Mahadevi, Dr.C.P.Sumathi, “Detection of Mouth for Facial Expression classification using Genetic Algorithm”, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 16 (2015) pp 37965-37969 © Research India Publications. <http://www.ripublication.com>
4. M.Mahadevi, Dr.C.P.Sumathi, “Facial expression recognition for color images”, The International Journal of Computational Intelligence and Informatics ISSN: 2349-6363 Volume 5, Number 4, March 2016.
5. M.Mahadevi, Dr.C.P.Sumathi, “Classifying Facial Expressions using DWT, Moments and Genetic Algorithm”,International Journal of Computer Science and Information Security”,ISSN : 1947-5500 Volume 14 Issue 4, April 2016.
6. M.Mahadevi, Dr.C.P.Sumathi,“Face detection based on skin color model and connected component with template matching”, International Conference on Information Communication and Embedded Systems (ICICES), 27-28 Feb 2014, DOI:10.1109/ICICES.2014.7033802, ISBN NO: 978-1-4799-3835-3
7. M.Mahadevi, Dr.C.P.Sumathi, “Comparative analysis of skin color model for face detection”, International Symposium on Biometrics and Security Technologies (ISBAST), 2014, 26-27 August 2014, DOI:10.1109/ISBAST.2014.7013088 ISBN.NO: 978-1-4799-6443-7.
8. C.Victoria Priscilla, M. Mahadevi, A Parent-Student Perspective View in Selecting the College in Suburban Area,International Journal of Computer Applications (0975 – 8887) Volume 166 – No.10, May 2017.

9. Dr.M.Mahadevi,R.Pavithra, “A Survey on impact of social media on different dimensions”, International Journal of Advanced Research in Computer Science,ISSN:0976-5697,Volume.9 Special Issue.1 Pg.No 23-26
10. Dr.M.Mahadevi, N.Priya, “ Analysis on Level of Awareness in E-Waste Management System among Chennai Householders”, International Journal of Research and Analytical Reviews,ISSN: 2348-1269, Volume 6, Issue.2, May 2019 Pg.No.845-851
11. Dr.M.Mahadevi, E.Nandhini, “ Edubot-Automation of Python Tutorial Using Voice input and output”, Journal of Critical Reviews,ISSN:2394-5125,Volume 7, Issue 3, 2020 Pg.No 870-877.