

DR.M.PUSHPA RANI – SHORT PROFILE

Faculty Name : **Dr M Pushpa Rani**
Designation : **Professor & Head**
Date of Join in the Institution : **2nd January 1991**
Contact



1	Official Address	Professor & Head Department of Computer Science Mother Teresa Women's University Kodaikanal
2	Employee Number	A008/CS/MTWU
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Academic Qualifications : **MCA , PhD**
Teaching Experience : **28 Years 6 Months**

Additional Responsibilities:

Designation	Period
Executive Council Member	March 2016 to Till date
Academic Council - Member	From 2009 to till date
Professor & Chairperson, Department of Computer Science	Since 2009
Director / Academic Coordinator, Mother Teresa Women's University, Madurai Centre.	September 2013 to August 2016 July 2019 onwards
Director for Internal Quality assurance Cell (IQAC)	September 2016 to June 2019

Chair person to Board of Studies	Since 2009
Chairperson to Exam Passing board	Since 2009
Member of Doctoral Committee	Since 2009
NSS Coordinator	2011 to 2013
Energy Conservation Cell Coordinator	2011 to till date
Kani Tamil Peravai Coordinator	2016 to till date

Areas of Research

- Biometrics
 - Gait Analysis, Face & Skull Recognition
 - Signature Analysis, Iris Recognition and Multi Model Systems
- Adaptive Learning System
- Information Retrieval, Image Processing
- Cloud Computing, Network Security

Research Supervision / Guidance (in Numbers):

Programme of Study		Completed	Ongoing
Research	PhD	5	5
	M.Phil	45	
Project	PG	300+	
	UG/Others		

Publications (in Numbers):

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs
103	150		40	Books : 5
				Book Chapters : 95

Cumulative Impact Factor (as per JCR) :

h-index : 9
i10 index : 4
Total Citations : 255

Funded Research Projects:**I. Ongoing Projects:**

S.No.	Agency	Period		Project Title	Amount (Rs.)
		From	To		
1	DST	April 2019 onwards		Establishing AI Lab Facility	70 Lakhs received

II. Completed Projects:

S.No.	Agency	Period		Project Title	Amount (Rs.)
		From	To		
1.	SHT Pvt Ltd, Bangalore - MNC	Mar 2015 To Feb 2018	Agent based Systems for Negotiation	15 Lakhs	
2.	SHT Pvt Ltd, Bangalore - MNC	Mar 2011 to Feb 2013	Information Retrieval Solutions Technical Guidance with methodology and Algorithms	12 Lakhs	
3.	SHT Pvt Ltd, Bangalore - MNC	May 2011 to Dec 2012	Machine Learning Solutions for Optimal Selection of Regression Test Cases	5 Lakhs	
4.	UGC	2006	Learning Perception of School Girls using Computer as a Learning Resource	1 Lakh	

Distinctive Achievements / Awards:

- **Glory of India** - International, Bangkok (October 2016)
- **Best Scientist in Computer Science** – International(Dec 2017)
- **Distinguished Women in Science** – International (March 2017)
- **Research Innovation Award** - International(May 2014)
- **Dr. Radhakrishnan award of Excellence** - National (September 2016)
- **Rashtriya Gaurav Award** - National (2016)
- **Adarsh Vidya Saraswathi Rashtriya Purashakar** - National (May 2016)
- **Dr. Abdul Kalam Life Time Achievement National Award** (December 2015)
- **Teaching and Research Excellence Award** - National (November 2015)
- **Best Teacher Award** – National (2015)
- **Best paper Awards** in Conferences(2010, 2014, 2015) – **3 Nos**
- **Best Student Award** (March 1982)

Events organized in leading roles:

Number of Seminars / Conferences / Workshops / Events organized : Total	50
1. National level seminar :	
2. Refresher Course :	
3. Workshop :	
4. National Youth Parliament Competition :	

Overseas Exposure / Visits:

Year	Country	Purpose
2014	Canada	Resource Person for the IEEE Canadian Conference CCECE 2014

Memberships in

Professional Bodies

- International Association OF Computer Science and Information Technology (IACSIT)
- International Association of Engineers (IAENG)
- International Computer Science Teachers Association (CSTA)

Editorial Board

- Reviewer for the Elsevier International Journal on Neurocomputing (NEUCOM).
- Reviewer for the Elsevier International Journal on Knowledge Engineering, Department of Computing, the Open University, UK.
- Reviewer for the International Journal on Scientific Research and Essays - ISI INDEXED JOURNAL
- Editor & Reviewer for the JM International Journal of Information Technology

Advisory Board:

- Memberships - 17

Academic Bodies (such as Board of Studies, etc,):

- | | | |
|------|-------------------------------|---------------|
| I. | Board of Studies | - Chairperson |
| II. | Academic Council | - Member |
| III. | Academic Audit | - Member |
| IV. | College Affiliation Committee | - Member |
| V. | College Inspection Committee | - Member |
| VI. | Board of Selection | - Member |

Resource Persons in various capacities:

Number of Invited / Special Lectures delivered : 72

Others:

1. Articles published in Newspapers / Magazines: 2

“Success of a Nation Lies in the hands of its Women”,

<https://theknowledgereview.com/success-nation-lies-hands-women>

Women empowerment talk in All India Radio on

“ Mangayarai Pirappatharke “

2. Products developed: 2

Media rich E-content

Adaptive Learning System

3. No. of PhD Thesis evaluated : 15

4. No. of PhD Public Viva Voce Examination conducted : 60