

PROFILE

Dr. M. Umadevi

Professor

Department of Physics

Mother Teresa Women's University

Attuvampatti, Kodaikanal, Tamilnadu, India

e-mail: ums10@yahoo.com



Date of Joining

02.06.2004

Employee Number

A013/PHY/MTWU

Academic Qualifications

M.Sc., M.Phil., Ph.D.,

Teaching Experience

18 Years 3 Months

Research Experience

20 Years

Areas of Research

Nanoscience and Spectroscopy

Distinctive Achievements / Awards:

- a) **SRM-ICONN Outstanding Woman Researcher Award** for the year 2021 instituted by SRM University, Chennai.
- b) **Fellow of The Academy of Science**, Chennai (2019).
- c) **Excellent article award -2016** from The Chinese Society for Metals, China (2017).
- d) **Raman Fellowship for Post-Doctoral research in USA** by UGC for the year **2016-2017** for the period of one year (University of California, Santa Cruz, CA, USA).
- e) **Tamilnadu Young Women Scientist Award** for the year 2012 in **Physical Sciences** instituted by Science city, Department of Higher Education, Chennai (29th Jan 2014).
- f) **Best Poster Award** in the First International Conference on Advanced Nanocomposites for Construction Materials held at Mahatma Gandhi University, Kerala during 12-14 Mar 2013
- g) Awarded **Senior Research Fellow, CSIR, New Delhi**, and worked at Madurai Kamaraj University, Madurai, Jan 2002- June 2003.
- h) Awarded **Junior Research Fellow, CSIR, New Delhi**, and worked at Madurai Kamaraj University, Madurai, May 1999- Dec 2001.
- i) **University First Rank (Gold Medal)** in M.Phil. (Physics), Alagappa University, Karaikudi in 1998.
- j) Qualified **GATE** in 1997
- k) **Personal Template** of mine was found in **Who's Who in Fluorescence 2008** (P.185) published by Springer, New York, USA.

Research Supervision / Guidance (in Numbers):

Programme of Study		Awarded	Submitted	Ongoing
Research	Ph.D.	9	-	2
	M.Phil.	34	-	-

Publications (in Numbers):

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
129	14	-	24	Books Edited – 3 Book Chapters – 5

❖ Research Metrics:

Cumulative Impact Factor (as per JCR): 279.816

h-index : 31 (as per Google Scholar on 07.08.2022)

i10-index : 80 (as per Google Scholar on 07.08.2022)

Total Citations: 4002 (as per Google Scholar on 07.08.2022)

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

S. No.	Agency	Period		Amount (Rs.)
		From	To	
1.	TANSCHÉ, Chennai (Principal Investigator)	2021	2024	99.295 lakhs
2.	UGC-DAE Consortium for Scientific Research, Indore. (Principal Investigator)	2022	2023	2.2644 lakhs

II. Completed Projects:

S. No.	Funding Agency	Period		Amount (Rs.)
		From	To	
1.	DST, Women Scientist Scheme-A, New Delhi. (Principal Investigator)	2005	2008	9.84 lakhs
2.	UGC Major Research Project, New Delhi. (Principal Investigator)	2011	2014	9.908 lakhs
3.	UGC-DAE Consortium for Scientific Research, Indore. (Principal Investigator)	2011	2014	5.466 lakhs
4.	DST, Women Scientist Scheme-A, New Delhi. (Mentor)	2011	2013	09.96 lakhs
5.	DST- SERB, New Delhi. (Principal Investigator)	2012	2015	37.02671 lakhs
6.	DST, Women Scientist Scheme-A, New Delhi.	2013	2016	13.42 lakhs

	(Mentor)			
7.	UGC-DAE Consortium for Scientific Research, Indore. (Principal Investigator)	2014	2018	10.27 lakhs
8.	DST, SERB, New Delhi.	2018	2022	18.4052 lakhs

Events organized:

Number of Seminars / Conferences / Workshops / Events organized:	Total
1. International level	4
2. National level	12
3. Workshop	1

Overseas Exposure / Visits:

Year	Country	Purpose
2016-2017	USA (University of California, Santa Cruz, California)	Post Doctoral Research

Additional Responsibilities:

Designation	Period
NSS Programme Coordinator	13 th Mar 2013 – 12 th Sep 2016, 29 th June 2018 – 23 rd July 2019
IQAC Coordinator	1 st July 2019 – till date
Dean Science	1 st July 2019 – 1 st Aug 2021
Dean Academics	2 nd Aug 2021 – 19 th Jan 2022
Executive Council Member, MTWU	19 th Jan 2022 – till date
Dean Research	20 th Jan 2022 – 19 th May 2022

Membership:

- i. **Academic Committee Member** of International Union of Advanced Materials
- ii. **Life Member** of Indian Physics Association No. GEN/LM/13051.
- iii. **Life Member** of Materials Research Society LMB2583.

Editorial Board:

Reviewer of Journals Published by Elsevier, John Wiley, ACS, Springer