

PROFILE



Dr. M. FATHIMA PARVEEN

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Name : Dr. M. FATHIMA PARVEEN

Designation : Assistant Professor

Date of Birth : 11.02.1973

Permanent Address : 6.3.4A, Indira Nagar,
Uthamapalayam-625533, Theni,
Tamilnadu, India.

ACADEMIC QUALIFICATIONS:

Degree	Name of the Board /University	Year of Passing	Class
SSLC	Board of Secondary Exams, Tamilnadu	March 1988	II
HSC	Board of Higher Secondary Exams, Tamilnadu	September 1990	II
B.Sc (Physics)	Madurai Kamaraj University, Madurai	April 1993	I
M.Sc (Physics)	Madurai Kamaraj University, Madurai	April 1995	I

M.Sc(CS&IT)	Madurai Kamaraj University, Madurai	April 2003	I
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RESEARCH DEGREE:

Degrees	Title	Date of year of award	University
M.Phil	Orthogonal Tensor Basis of Seven Crystal Systems	April 1996	School of Physics Madurai Kamaraj University, Madurai
Ph.D	Syntheses and Characterizations of Metal Hydroxide nanomaterials and polymeric Nanocomposites	October 2014	School of Physics Madurai Kamaraj University, Madurai

TEACHING EXPERIENCE:

Designation	Department	College	Period	
			From	To
Lecturer	Physics	Mohamed Sathak Engineering College, Kilakarai	02.01.2000	02.04.2006
Lecturer	Physics	SACS.M.A.V.M.Engineering College, Madurai	03.04.2006	03.08.2006
Assistant Professor	Physics	Hajee Karutha Rowther Howdia College, Uthamapalayam	04.08.2006	Till Date

LIST OF PAPERS PUBLISHED IN PEER REVIEWED JOURNALS:

1. *Synthesis and characterizations of nanosized Mg(OH)₂ and its nanocomposite with Poly (Vinyl Alcohol).*
M. Fathima Parveen, S. Umamathy, V. Dhanalakshmi and R. Anbarasan..
2. *Synthesis and characterizations of nanosized Ni(OH)₂ and Ni(OH)₂/Poly (Vinyl alcohol) nanocomposite.*
M. Fathima Parveen, S. Umamathy, V. Dhanalakshmi and R. Anbarasan., Journal of Material Science., 44 (2009) 5852-5860.
3. *Synthesis and characterizations of nanosized Iron (II) hydroxide and Iron (II) hydroxide /Poly (Vinyl alcohol) nanocomposite.*

- M. Fathima Parveen, S. Umapathy, V. Dhanalakshmi and R. Anbarasan., Journal of Applied Polymer Science., 118 (2010) 1728 – 1737.**
4. *Synthesis and characterization of nanosized Zn(OH)₂ and Zn(OH)₂ /Poly (Vinyl alcohol) nanocomposite.*
M. Fathima Parveen, S. Umapathy, V. Dhanalakshmi and R. Anbarasan., Composite Interfaces., 17 (2010) 757- 774.
 5. *Synthesis and characterizations of nanosized Cu(OH)₂ and its surface catalytic effect on Poly (Vinyl alcohol) nanocomposite.*
M. Fathima Parveen, S. Umapathy, V. Dhanalakshmi and R. Anbarasan., Indian Journal of Science., 3 (2013) 5852-5860.
 6. *Synthesis and characterizations of nanosized Al(OH)₃ in the presence of aniline as a dispersing agent.*
M. Fathima Parveen, S. Umapathy, V. Dhanalakshmi and R. Anbarasan., Indian Journal of Science., 3(2013) 8.
 7. *Disorder in Poly (methyl acrylate) on Ultrasonication.,*
M.A.Jothi Rajan, T.Mathavan, M.Fathima Parveen, T.S Vivekanandam, S.Umapathy, EE-Pub Home., 2004.
 8. *Efficient catalytic application of Cu-Fe bimetallic nanoparticles towards the preparation of bio-medically important polymer based Schiff bases*
M.F. Parveen., A. Amala Jeya Ranchani., V.Parthasarathy., R. Anbarasan., Surfaces and Interfaces 25 (2021) 101197

PRESENTATIONS IN NATIONAL CONFERENCES:

1. *Synthesis, characterizations and application of morphology-tunable nanosize Mg(OH)₂.*
M. Fathima Parveen, S. Umapathy, V. Dhanalakshmi and R. Anbarasan., National conference on Recent trends in polymers on 21St Feb-2008 at kamaraj college of Engineering and Technology, Virudhunagar, Tamilnadu, India.
2. *Morphology Tunable of Al(OH)₃ and Al(OH)₃ /Poly (Vinyl alcohol) nanocomposites.*
M. Fathima Parveen, S. Umapathy, V. Dhanalakshmi and R. Anbarasan., National conference on Advances in materials science Current Trends in condensed Matter Research on January 30th 2009, Holy Cross College, Nagarkoil, Tamilnadu, India.

SEMINARS / CONFERENCES / WORKSHOPS ATTENDED

1. “Nanomaterials for Energy & Environmental Applications” organized by the Department of Physics, Ramco Institute of Technology, Rajapalayam on 29-01-2021

ORIENTATION / REFRESHER / OTHER COURSES ATTENDED:

Name of the Course	Academic Staff College	Duration in Days	Period From – To
Orientation Programme	Madurai Kamaraj University, Madurai -21	28 Days	19.08.2008 to 15.09.2008
Refresher Course	Madurai Kamaraj University, Madurai -21	21 Days	10.11.2010 to 30.11.2010
Refresher Course	Madurai Kamaraj University, Madurai -21	21 Days	16.11.2012 to 06.12.2012
Refresher Course	Madurai Kamaraj University, Madurai -21	14 Days	06.12.2019 to 19.10.2019
Faculty Development Programme	Academy of Maritime Education and Training.	14 Days	24.05.2021 to 06.06.2021

ADMINISTRATIVE RESPONSIBILITIES AND OTHER PROFESSIONAL ACTIVITIES:

- Internal quality Assurance Cell (IQAC) Committee member
- NAAC-Coordinator of Criterion VII
- Continuous Internal Assessment Examination committee member(CIAE)
- NSS – Programme Officer
- Sports Committee member
- Deeniyadh Committee member
- Discipline committee member
- Women student welfare committee member
- Resource person in Young student Scientist programme for School Students
- Member in Internal Board of Studies

RESEARCH GUIDSHIP

Obtained Research Guideship from Madurai Kamaraj University (Guideship Number: **1901**)

LIST OF CANDIDATES COMPLETED M.PHIL DEGREE UNDER MY GUIDANCE:

S.No	Student Name	Registration Number	University	Year of Award
1	B.ESWARAN	B5814487	Madurai Kamaraj University	2016