

Name	Dr. M. Abdur Rahman			
Contact (office)	Assistant Professor in Physics Department of Science and Humanities M.I.E.T. Engineering College Trichy.			
Email	abdur.m@miet.edu			
Educational Qualifications	DEGREE	EDUCATIONAL INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING
	Ph.D., (Physics)	Jamal Mohamed College, Trichy	Bharathidasan University	2019
	UGC -State Eligibility Test (SET) Qualified	Mother Teresa Women's University, Kodaikanal	Mother Teresa Women's University	2016
	M.Phil., (Physics)	Jamal Mohamed College, Trichy	Bharathidasan University	2008
	M.Sc., (Physics)	Jamal Mohamed College, Trichy	Bharathidasan University	2007
	B.Sc., (Physics)	Jamal Mohamed College, Trichy	Bharathidasan University	2005
Professional Career Profile	Organization	Designation	Date of Joining	Duration of work
	M.I.E.T. Engineering College, Trichy.	Assistant Professor	22-08-2022	Till Date
	J.J College of Arts and Science (A), Pudukkottai	Assistant Professor	08.02.2022	31.05.2022
	Sudharsan College of Arts and Science, Pudukkottai.	Assistant Professor	18.06.2015	31-10-2020
	Jamal Mohamed College (A), Trichy.	Assistant Professor	10-10-2008	28-02-2014
Awards & Recognitions	NIL			
Membership in Professional Bodies	NIL			

Academic Areas of Interest	Material Science
Administrative Capabilities	<ul style="list-style-type: none"> a. Acted as a Member incharge of the department of physics (SF) at Jamal Mohamed College, during 2012-2014 Trichy. b. Approved UG examiner in Bharathidasan uninverisity since 2012-2022. c. UG Question paper setter in different colleges. d. Head, Department of Physics at Sudharsan College of Arts and Science, since 2015 to 2020 Sep.

LISTOF PUBLICATIONS

1. Structural, optical, magnetic and antibacterial properties of Nd doped NiO nanoparticles prepared by co-precipitation method, **M. Abdur Rahman**, R. Radhakrishnan and R. Gopalakrishnan, **Journal of Alloys and Compounds (Elsevier) 742(2018),421-429.**
2. Structural, morphological and optical properties of La doped NiO nanoparticles prepared by co-precipitation method, **M. Abdur Rahman**, and R.Radhakrishnan, **International Journal of Advanced Innovative Research (IJAIR).**
3. Microstructural properties and antibacterial activity of Ce doped NiO through chemical method, **M. Abdur Rahman**, and R. Radhakrishnan, **SN Applied Sciences, (Springer).**
4. Structural, morphological and optical properties of Ce doped CuO nanoparticles prepared by co-precipitation method, Dr. C. Benjamine, **M. Abdur Rahman**, **Journal of Emerging Technologies and Innovative Research (JETIR).**

5. Structural, morphological and optical properties of CuO nanoparticles prepared through chemical method. Dr. C. Benjamine, **M. Abdur Rahman, Journal of Emerging Technologies and Innovative Research (JETIR).**
6. Biocidal Properties of Zinc Oxide-Titanium Dioxide-Graphene Oxide Nanocomposites via One-Pot Facile Precipitation Method. V. Sri Priyanka , M.K. Murali, **M. Abdur Rahman, BioNanoSciences, (Springer).**
7. Structural, Optical, Antibacterial and Anticancer properties of ZnO-TiO₂-GO-Chitosan Nanocomposites prepared by co-precipitation method. V. Sri Priyanka , M.K. Murali, **M. Abdur Rahman, Asian journal of Chemistry.**

SEMINAR/WORKSHOP/TRAINING PROGRAM

1. Participated in State Level Seminar on **Recent Advances in Laser Applications** on March 01, 2010 at Jamal Mohamed College (Autonomous), Trichy.
2. Participated in State Level Seminar on **Examination Reforms** on March 12, 2010 at Jamal Mohamed College (Autonomous), Trichy.
3. Participated in the NAAC sponsored National Level Seminar on **QUALITY ENHANCEMENT IN TEACHING ,RESEARCH AND EXTENSION IN HIGHER EDUCATION INSTITUTION –PROSPECTS AND PROBLEMS** organized by Internal Quality Assurance Cell, Jamal Mohamed College(Autonomous),Trichy during April 15 & 16, 2010.

4. Attended Seminar on **Creating Competiveness to excel in higher education – a TQM approach** on 8th December 2010 organized by the Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Trichy.
5. Attended UGC Autonomous Grant **NATIOINAL SEMINAR ON EXAMINATION REFORMS** on February 24, 2012 held at Jamal Mohamed College, Trichy.
6. Attended one day seminar on **TEACHING, LEARNING AND RESEARCH IN HIGHER EDUCATION –EXCELLENCE AND BEYOND EXCELLENCE** organized by the Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous) , Tiruchirapalli on 7th March 2012.
7. Participated in "A THREE DAY ONLINE FACULTY DEVELOPMENT PROGRAMME ON CONDENSED MATTER PHYSICS" on 19-10-2020 to 21-10-2020 at PG and Research Department of Physics held at Jamal Mohamed College (A), Trichy-20.

INTERNATIONAL CONFERENCE

8. Participated in International workshop on **Nonlinear Integrable Systems and their Applications** on February 24 – March 01, 2014 at Centre for Nonlinear dynamics, Bharathidasan University Tiruchirappalli-620024.
9. Participant (**with Paper presntation**) in the International Conference on **"Recent Trends In Material Science"** on August 21, 2017 held at Urumu Dhanalakshmi College, Tiruchirapalli.
10. Participated (**with Paper presntation**) in the International Conference on **"Advanced Material and Nanotechnology"** on January 22, 2020 held at Auxilium College of Arts and Science, Karambakkudi(Tk), Pudukkottai(Dt).