

<b>Name</b>	<b>Dr. M. ABDUR RAHMAN</b>			
<b>Contact (office)</b>	Assistant Professor in Physics Department of Science and Humanities M.I.E.T Engineering College Trichy.			
<b>Email</b>	<a href="mailto:abdur.m@miet.edu">abdur.m@miet.edu</a>			
<b>Educational Qualifications</b>	<b>DEGREE</b>	<b>EDUCATIONAL INSTITUTION</b>	<b>BOARD/ UNIVERSITY</b>	<b>YEAR OF PASSING</b>
	<b>Ph.D., (Physics)</b>	Jamal Mohamed College, Trichy	Bharathidasan University	2019
	<b>UGC -State Eligibility Test (SET) Qualified</b>	Mother Teresa Women's University, Kodaikanal	Mother Teresa Women's University	2016
	<b>M.Phil., (Physics)</b>	Jamal Mohamed College, Trichy	Bharathidasan University	2008
	<b>M.Sc., (Physics)</b>	Jamal Mohamed College, Trichy	Bharathidasan University	2007
	<b>B.Sc., (Physics)</b>	Jamal Mohamed College, Trichy	Bharathidasan University	2005
<b>Professional Career Profile</b>	<b>Organization</b>	<b>Designation</b>	<b>Date of Joining</b>	<b>Duration of work</b>
	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
<b>Awards &amp; Recognitions</b>	Nil			
<b>Membership in Professional Bodies</b>	Nil			

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

### **LISTOF PUBLICATIONS**

- 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**.
- 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)**.
- Microstructural properties and antibacterial activity of Ce doped NiO through chemical method, **M. Abdur Rahman**, and R. Radhakrishnan, **SN Applied Sciences, (Springer)**.
- 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)**.
- 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)**.

- 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**, **Bio Nano Sciences, (Springer)**.
- Structural, Optical, Antibacterial and Anticancer properties of ZnO-TiO<sub>2</sub>-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**

- Participated in State Level Seminar on **Recent Advances in Laser Applications** on March 01, 2010 at Jamal Mohamed College (Autonomous), Trichy.
- Participated in State Level Seminar on **Examination Reforms** on March 12, 2010 at Jamal Mohamed College (Autonomous), Trichy.
- 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.
- Attended Seminar on **Creating Competiveness to excel in higher education – a TQM approach** on 8<sup>th</sup> December 2010 organized by the Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Trichy.
- Attended UGC Autonomous Grant **NATIOINAL SEMINAR ON EXAMINATION REFORMS** on February 24, 2012 held at Jamal Mohamed College, Trichy.

- 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), Tiruchirappalli on 7<sup>th</sup> March 2012.
- 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**

- 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.
- Participant (**with Paper presentation**) in the International Conference on “**Recent Trends In Material Science**” on August 21, 2017 held at Urumu Dhanalakshmi College Tiruchirappalli.
- Participated (**with Paper presentation**) 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).