PROFILE

Dr. M. Charles Robert, Associate Professor, P.G. and Research Dept. of Physics, Hajee Karutha Rowther Howdia College, Uthamapalayam-625533, Tamil Nadu, India.

Name	Dr. M. Charles Robert
Sex	Male
Permanent Address	Dr. M. Charles Robert, M.Sc., M.Phil., Ph.D., PGDCA, 5-2-13/3, PTR Colony, Uthamapalayam – 625 533, Theni District, Tamilnadu, India.
Communication Address	Dr. M. Charles Robert, M.Sc., M.Phil., Ph.D., PGDCA, Associate Professor, PG and Research Dept. of Physics, HKRH College, Uthamapalayam – 625 533, Theni District, Tamilnadu, India. Cell No.: 9894974101, Email: jothycharles@gmail.com
Date of Birth	04.04.1971
Nationality and Religion	Indian, Christian

Educational Qualifications:

Examination Passed	Subjects	Year of Passing	Class	Name of the Institution/University
Ph.D.	Physics-X-ray Crystallography	2014	Highly Recommended	Madura College – Madurai Kamaraj University
CSIR- NET	Physical Sciences	1999	passed	CSIR -India
M.Phil	Physics-Condensed Matter Physics	1996	First	Pondicherry University

M.Sc	Physics	1993	First	Manonmanium Sundaranar University
B.Sc	Physics	1991	First	Madurai Kamaraj University
PGDCA	Computer Programming	1994	Second	Madurai Kamaraj University

Teaching Experience:

Institution	Position	Duration		Years of service
		From	To	
Dept. of Physics, HKRH College, Uthamapalayam	Associate Professor	28.03.2014	Till Date	-
Dept. of Physics, HKRH College, Uthamapalayam	Assistant Professor (SG)	28.03.2011	27.03.2014	3 years
Dept. of Physics, HKRH College, Uthamapalayam	Assistant Professor (SS)	28.03.2006	27.03.20011	5 years
Dept. of Physics, HKRH College, Uthamapalayam	Lecturer	28.03.2001	27.03.2006	5 years
Dept. of Physics, S.T. Hindu College, Nagercoil.	Lecturer (Under FDP vacancy)	04.09.2000	27.03.2001	6 months 27 days
Dept. of Physics, St. Joseph's College, Trichy.	Lecturer (under FDP Vacancy)	03.0.2000	31.08.2000	6 months 24 days

Additional responsibilities:

1. Serving as the Criterion III coordinator for NAAC.

Additional services:

1. Serving as the peer review member of the International Journal, "Journal of Materials Science: Materials in Electronics", Springer.
2. Received the Research - Guideship approval dated 07.11.2017 from Madurai Kamaraj University, Madurai.

Courses Attended:

1. Participated in the UGC sponsored Orientation Course, conducted by Madurai Kamaraj University, Madurai from 27.08.2003 to 23.09.2003.
2. Participated in the UGC sponsored Refresher Course, conducted by Madurai Kamaraj University, Madurai from 23.08.2006 to 12.09.2006.

3. Participated in the UGC sponsored Refresher Course, conducted by Madurai Kamaraj University of Madras, Chennai from 23.08.2012 to 12.09.2012.

Details of Research articles published:

No.	Name of the paper	International /National	Name of the Journal	Year of publishing
1.	Local structure of the thermoelectric material Mg2Si using XRD	International	Journal of Alloys and Compounds, Elsevier.	2009
2.	Local structure of the high-temperature thermoelectric material PbTe using the maximum entropy method (MEM) and pair distribution function	International	Journal of Physics and Chemistry of Solids, Pergamon.	2009
3.	Structural Analysis of Al, Ni, and Cu Using the Maximum Entropy Method, Multipole and Pair Distribution Function	International	ZeitschriftfürNaturforschung A.	2009
4.	Single crystal X-ray analysis of the electronic structure of the thermoelectric material Sn 1− x Ge x Te	International	Indian Journal of Physics, Springer-Verlag.	2010
5.	Triple phase structure and electron density analysis of the thermoelectric material Bi80Sb20	International	Powder Technology, Elsevier.	2010
6.	Single Crystal Charge Density Studies of Thermoelectric Material Indium Antimonide	International	ZeitschriftfürNaturforschung A.	2011
7.	Experimental electronic structure of the thermoelectric materials Bi2Te3 and Sb2Te3	National	Materials Science Forum,Trans Tech Publications Ltd	2012
8.	Structural, optical and magnetic properties of Ga2-xFexO3	National	Materials Research Foundations	2017
9.	Preparation, electronic structure, and chemical bonding of lead-free (1− x)(K 0.5 Bi 0.5) TiO 3-x BaTiO 3 solid solution	International	Applied Physics A, Springer	2018
10.	Analysis of structural, optical and charge density distribution studies on Zn1-xMnxS nanostructures	International	Physica B: Condensed Matter.	2018
11.	Effect of Ca2+ doping on the structural and magnetic properties of ZnFe2O4 spinel ferrites	International	Journal of Materials Science: Materials in Electronics	Article under review

Ongoing Ph.D works:

Sl. No.	Name of the Research Scholar	Field of research	Year of registration	Status of the work

1.	M. Thavarani	Ferrites - Magnetism	2018	Work in progress
2.	H. Kamalaveni	SnS - based Spintronic materials	2018	Work in progress
3.	S. Balaji Prasath	TiO_2 - based Half metals	2021	Work in progress
4.	N. Abinaya	Rare earth doped Ferrites	2021	Work in progress
5.	N. Pavithra	SnS_2 - based Dilute Magnetic Materials	Waiting for registration	Work in progress
6.	K. Kavya Pandimeena	SnO_2 - based Dilute Magnetic Materials	Waiting for registration	Work in progress