

CURRICULUM VITAE



Personal Details

Name	Dr. J. CHARLES
Designation	Assistant Professor
Faculty	Department of Physics
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Education

July 2018	Doctor of Philosophy (Ph.D.) in Physics , Bharathidasan University, Tiruchirappalli, India
May 2000	Master of Philosophy (M.Phil.) in Physics , Bharathidasan University, Tiruchirappalli, India
May 1993	Master of Science (M.Sc.) in Physics , St. Joseph's College, Bharathidasan University, Tiruchirappalli, India
May 1990	Bachelor of Science (B.Sc.) in Physics , St. Joseph's College, Bharathidasan University, Tiruchirappalli, India
May 1991	Post Graduate Diploma in Computer Science and Applications (PG.DCSA) , St. Joseph's College, Bharathidasan University, Tiruchirappalli, India
May 1994	B.Ed. - Distance Education, Annamalai University, India
May 2011	M.B.A. - Distance Education, Periyar University, India

Experience

June 1994 – 2000	Assistant Professor, Physics & Electronics, St. Joseph's College, Tiruchirappalli
2000- Present	Assistant Professor of Physics, St. Joseph's College, Tiruchirappalli

In-service Training attended (Orientation / Refreshers / Conferences)

2005	UGC Sponsored Orientation Programme – Bharathidasan University
2009	UGC Sponsored Refresher Course on Physics– Bharathidasan University
2002	International Conference on Lasers on their Applications – UGC/DST
2011	International Conference on Nano Technology & Ultrasound (ICNU 2011) – UGC/DST/US Agencies
2014	National Conference on Thin Film Physics And Its Applications – Kongu Engineering College, Erode
2014	National Conference on Advanced Materials – St. Joseph’s College
2015	National Conference on Advanced Materials – St. Joseph’s College
2015	National Conference on Materials Science – Konzaga College, Krishnagiri
2016	National Conference on Advanced Materials – St. Joseph’s College
2017	International Conference on Advanced Materials – St. Joseph’s College
2018	International Conference on Electrical Sciences – SASTRA University

Projects under Extramural funding (Completed)

Preparation and characterization of semi conducting photovoltaic materials for solar cells fabrication – UGC funded Rs.90,000/-, 2010.

Consultancy

2014	Gonzaga College for Women, Krishnagiri – NAAC
2014	ROYAL COLLEGE OF EDUCATION, KRISHNAKIRI - NAAC
2014	Ananda College of Arts and Science, Devakottai - NAAC
2014	Bon Secours College for Women, Thanjavur - NAAC
2015	Ganesar College of Arts and Science - NAAC
2011	Indian Institute of Science and Technology, Trivandrum – NAAC
2010	St. Justin’s College for Education, Madurai - NAAC
2009	S.R. College, Trichy – NAAC
2008	Selvamm Arts and Science College, Namakkal – NAAC
2008	Kalai Kaviri College of Fine Arts, Trichy - NAAC

Resource Person

2009 JOB SEEKERS THROUGH INTERNET, IG College, Trichy

Academic Member

1994 to 2000 Board of Studies for UG & PG, Dept of Electronics, SJC

2000 to present Board of Studies for UG & PG, Dept of Physics, SJC

Research – Publications (International / National / Regional)

1. Structural and Optical Properties of Nanostructured Zinc Oxide Thin Films by Spray Pyrolysis and Ethanol Sensing, J. Charles, N. Lawrence and S. Thiruvankadam, Physics Procedia 49 (2013) 92–99. Available online at www.sciencedirect.com
2. Nanostructured Nickel Oxide Thin Films by Spray Pyrolysis and Ethanol Sensing Response, J Charles and N Lawrence, IJCR, ISSN No: 2347-9213 Vol. 2, March 2015
3. Preparation and Characterization of CuO Thin Films by Spray Pyrolysis Method for Various Applications, J. Charles and N. Lawrence, IJASRD, p-ISSN: 2395-6089 | e-ISSN: 2394-8906, Volume 02, Issue 04, Oct – Dec' 2015.

Book Publications:

1. Computer Hardware, Dept of Electronics, St. Joseph's College, Trichy 2003
2. Physics for Competitive Examinations, Dept of Physics, St. Joseph's College, Trichy, 2015

Supervision:

Master of Science : 32

Master of Philosophy: 18