




PROFILE

Name	Dr. M. ANTONY		
Department	Physics		
Designation	Assistant Professor		
Email	antonysvc@gmail.com antony@aactni.edu.in		
Teaching Experience	UG Science: 06	PG: 06	

Recognised Educational Qualifications

S. No.	QUALIFICATION	INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING
1	Ph. D.	St. Joseph's College (Autonomous) Tiruchirappalli.	Bharathidasan University, Tiruchirappalli	Mar. 2015
2	M. Phil.	St. Joseph's College (Autonomous) Tiruchirappalli.	Bharathidasan University, Tiruchirappalli	Sep. 2009
3	M. Sc.	St. Joseph's College (Autonomous) Tiruchirappalli.	Bharathidasan University, Tiruchirappalli	Apr. 2008
4	B. Sc.	Annai Velankanni College Tholayavattam.	Manonmaniam Sundaranar University, Tirunelveli	Apr. 2006

Work Experience

S. No	Name of the Institution/Organisation	Designation	Nature of Work	Period
1.	Arul Anandar College (Autonomous), Karumathur.	Assistant Professor	Teaching Faculty	June 2016 – till date
2.	St. Joseph's College (Autonomous), Tiruchirappalli.	Assistant Professor	Teaching Faculty	June 2015 - April 2016
3.	Arul Anandar College (Autonomous), Karumathur.	Assistant Professor	Teaching Faculty	June 2014 - April 2015
4.	St. Joseph's College (Autonomous), Tiruchirappalli.	Served as Lecturer (Part Time)	Teaching Faculty	Aug. 2012 - April 2013

Publications (Contributions in Journals/Edited Books/Proceedings)

Title of the Paper	Name of the Journal/Book/Proceedings	Whether Journal/Book/Proceedings	Volume and No	Page Nos	ISSN /ISB N No	Publisher and Place
Lattice Dynamical Investigation on the Diffusion of Hydrogen Isotopes in Mg ₂ Ni.	Int. J. Scientific Research in Science and Technology	Journal	3, (2017)	73-78		
Lattice Dynamical Investigation on the Diffusion of Hydrogen Isotopes in HfTi ₂	Int. J. Scientific Research in Science and Technology	Journal	3, (2017)	310-315		
Hydrogen Diffusion in Hydrogenated Nanostructured Mg ₂ Ni - A Green's Function Approach	J. Comput. Theor. Nanosci.	Journal	12, (2015).	413–417		
Hydrogen Diffusion in Graphane - A Green's Function Approach.	J. Comput. Theor. Nanosci.	Journal	11, (2014).	2185 – 2189 1		
Hydrogen Diffusion in Nanostructured HfTi ₂ - A	Asian J. Applied	Journal	7,	705–		

Green's Function Approach	Sciences		(2014).	712		
Thermal Properties of Graphane - A Green's Function Approach	J. Applied Sciences	Journal	12, (2012)	1746 – 1749		

Papers presented in Seminars/Conferences/Workshop Details

Title of the Paper	Title of the Seminar/conference/Workshop	Level of Seminar/Conference/Workshop	Organising Institution	Date
Diffusion of Hydrogen in Nanostructured ZrV_2H_4 – A Green's Function Approach	Nanoscience and Nanotechnologies in the Livelihood Enhancement of Common Man	National	Arul Anandar College (Autonomous), Karumathur, Madurai	8 th & 9 th February 2017
Diffusion of Hydrogen Isotopes in Nanostructured Hydrogenated Mg_2Ni	Advanced Materials-2016	National	St. Joseph's College (Autonomous), Tiruchirappalli	7 th October 2016
Hydrogen Diffusion in Nanostructured $HfTi_2$ - A Green's Function Approach	Thin Film & Applications	International	SASTRA University, Thanjavur,	11 th - 13 th September 2013
Thermal Properties of Graphane - A Green's Function Approach	Thin Film & Applications	International	SASTRA University, Thanjavur,	15 th - 17 th March 2012

Seminars/conferences/Workshops Attended

Title of the Seminar/conference/Workshop	Level of Seminar/Conference/Workshop	Organising Institution	Date and Place
Advances in Astronomy and Space Technology	Conference	Arul Anandar College (Autonomous), Karumathur	29 th January 2018, Karumathur
Advanced Physics Experiments for College Teachers	Workshop	St. Joseph's College (Autonomous), Tiruchirappalli.	18 th & 19 th December 2015, Tiruchirappalli

Optics, Photonics and Lasers	Conference	Arul Anandar College (Autonomous), Karumathur.	17 th , 18 th July 2014, Karumathur.
Nonlinear Physics	Workshop	Bishop Heber College (Autonomous), Tiruchirappalli.	23 rd - 25 th January 2014, Tiruchirappalli
Radiochemistry and Applications of Radioisotopes	Workshop	Gandhigram Rural University, Gandhigram.	20 th - 26 th September 2010, Gandhigram.
Monte Carlo Simulation	Workshop	Madurai Kamaraj University, Madurai.	09 th - 13 th August 2010, Madurai
Radiochemistry and Applications of Radioisotopes	Workshop	St. Joseph's College (Autonomous), Tiruchirappalli.	15 th , 16 th February 2008, Tiruchirappalli

Academic positions held

Post	Institution	Period
Assistant Chief Superintendent	Controller of Examination Arul Anandar College (Autonomous), Karumathur.	2016-Till date
ARISE In-charge	Arul Anandar College (Autonomous), Karumathur.	2016-Till date 2014-2015
YRC Member	Arul Anandar College (Autonomous), Karumathur.	2018-Till date
Served as Assistant	IQAC Cell St. Joseph's College (Autonomous), Tiruchirappalli.	2008-2013
Assistant Director	Arul Anandar College Boys Hostel, Karumathur.	2016-2018 2014-2015
Assistant Director	Bellarmino Hostel St. Joseph's College (Autonomous), Tiruchirappalli.	2011-2012