




PROFILE

Name	Dr. B. PRAKASH		
Department	Physics		
Designation	Assistant Professor		
Email	prakashphys@gmail.com , prakash@aactni.edu.in		
Teaching Experience	UG Science: 05 Engg: 05	PG: 05	

Recognised Educational Qualifications

S. No.	QUALIFICATION	INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING
1	Ph.D (Physics)	Arul Anandar College (Autonomous), Karumathur	Madurai Kamraj University, Madurai	2019
2	M.Phil (Physics)		Manonmaniam Sundaranar University, Tirunelveli	2005
3	M.Sc (Physics)	The Madura College, Madurai	Madurai Kamraj University, Madurai	2004
4	B.Sc (Physics)	The Madura College, Madurai	Madurai Kamraj University, Madurai	2002

Work Experience

S.No	Name of the Institution/Organisation	Designation	Nature of Work	Period
1.	Arul Anandar College (Autonomous), Karumathur	Assistant Professor	Teaching Faculty	01/09/2020 to till date
2.	SACS MAVMM Engineering College, Alagarkoil	Assistant Professor	Teaching Faculty	04/07/2016 to 12/08/2020
3.	Vickram College of Engineering, Enathi	Sr. Lecturer	Teaching Faculty	09/07/2012 to 29/05/2014
4.	St. Joseph's College (Autonomous), Trichy	Assistant Professor	Teaching Faculty	10/06/2009 to 14/06/2012
5.	Arul Anandar College (Autonomous), Karumathur	Lecturer	Teaching Faculty	14/06/2007 to 25/04/2009

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/ISBN No	Publisher and Place
Surface Colonized Silver Nano Particles over Chitosan Polyelectrolyte Microspheres and its Multifunctional Behavior	Materials Research Express	Journal	2018, 5 (2)	025032	2053-1591	IOP
Multi-functional biocompatible luminescent apatite with fatty acid passivated nano silver covers and its theranostics potential	Advances in Natural Sciences: Nanoscience and Nanotechnology	Journal	2017, 8 (3)	035015	2043-6262	IOP
Biocompatible fluorescent nano-apatite with ionic silver- Its antibacterial activity and cytotoxicity towards cancer cells	Materials Today: Proceedings	Journal	2017, 4 (2)	4309-4318	2214-7853	Elsevier
Nano Silver decorated Chitosan based Polyelectrolyte Microcapsules induced generation of excited Oxygen in Curcumin	Materials Today: Proceedings	Journal	2017, 4 (2)	4366-4371	2214-7853	Elsevier
Bio-Compatible Carbonate Rich Colloidal Nano Hydroxyapatite: Extraction and Investigations	Journal of Green Science and Technology	Journal	2015, 2 (1)	49-55	2164-7585 (Print); 2164-7607 (Online)	ASP
Synthesis and characterization of biodegradable ultrasonicated films made from Chitosan/Al ₂ O ₃ polymer nanocomposites	Physics Procedia	Journal	2013, 49	84-91	1875-3892	Elsevier

Reviewer Details

Name of the Journals	Date
Nanotechnology (IOP)	13/07/2020
Biomedical Materials (IOP)	19/05/2020
Nanotechnology (IOP)	19/03/2020

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
An Overview on “Applications of nanotechnology in Civil Engineering”	7 th International Conference on Emerging Trends in Engineering and Technology (ICETET-2020)	International	PSY Engineering College, Arasanoor, Sivaganga Dt	13 & 14 th march 2020
Metal Nanoparticles decorated polymer microspheres towards cancer theranostics	National Conference on Recent Trends in Advanced materials (RTAM – 2019)	National	PGP College of Arts and Science, Namakkal	23 rd January 2019
Nano-sized Silver-decorated Chitosan based Polyelectrolyte microcapsules for Antibacterial studies	Silver Jubilee Conference (SJC - 2017)	National	UGC-DAE Consortium for Scientific Research, University Campus, Khandwa Road, Indore 452001	03-06 th November 2016.
Nano Silver decorated Europium Encapsulated Chitosan based Polyelectrolyte Microcapsules for Cancer Theranostics	International Conference on Frontiers in Nano Science and Nanotechnology (ICFNN-2016)	International	SASTRA University, Thanjavur- 613 401	26 -28 th February 2016
Nano Silver decorated Curcumin Encapsulated Chitosan based Polyelectrolyte Microcapsules for Cancer Theranostics	International Conference on Nanomaterials for Energy, Environment, Catalysis and Sensors (ICNEECS – 2015)	International	School of Chemistry, Madurai Kamaraj University	11-12 th December 2015
Nano Silver decorated Chitosan based Polyelectrolyte Microcapsules induced generation of excited Oxygen in Curcumin	International Symposium on Photonics Applications and Nanomaterials (ISPAN-2015)	International	Sree Chitra Tirunal Institute of Medical Sciences, Trivandrum	28-30 th October 2015

Seminars/conferences/Workshops Attended

Title of the Seminar/conference/Workshop	Level of Seminar/Conference/Workshop	Organising Institution	Date and Place
Workshop on Advanced Nanomaterials for Energy Applications	State	Department of Physics, Fatima College, Madurai	18 th December 2015, Madurai
CSR Lecture Series	National	UGC-DAE Consortium for Scientific Research, Indore, M.P	1-12 th September 2014, Indore
Workshop on XRD and Its Applications	National	Materials Research Centre, Coimbatore	08 & 09 th February 2014, Coimbatore
Workshop on Electron Microscopy	National	National Institute of Technology, Trichy	4-5 th November 2011, Trichy
Awareness workshop on "The Facilities of UGC-DAE Consortium for Scientific Research"	State	Centre for High Pressure Research, School of Physics, Bharathidasan University, Trichy	16 & 17 th September 2009, Trichy

Academic positions held

Post	Institution	Period
Department Head In-charge (Physics)	SACS MAVMM Engg College, Alagarkoil	2016-2020
Lab In-charge (Physics)	SACS MAVMM Engg College, Alagarkoil	2016-2020
Book Purchase Committee In-charge	SACS MAVMM Engg College, Alagarkoil	2016-2020
Lab Purchase Committee In-charge (Science Labs)	SACS MAVMM Engg College, Alagarkoil	2016-2020

Achievements & Awards

- Got First prize in poster presentation in International Conferences on Nano materials for Energy, Environment, Catalysis and Sensors (ICNEECS-2015) held at School of Chemistry, Madurai Kamaraj University, Madurai during 11-12 December 2015
 - One of the five members from Tamil Nadu state who are selected to attend 12 days national level CSR Lecture Series Workshop held at UGC-DAE Consortium for Scientific Research, Indore during 1-12 September 2014.
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