

## STAFF PROFILE

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**Name** : **Megala.M**

**Designation** : **Assistant Professor**

**Date of Entry into Service** : **15.11.2019**

**E-mail** : **megalaprabhumadura@gmail.com**

**Mobile (Optional)** : **8754734584**

**Education** : **M.Phil, Ph.D (Thesis Submitted)**

**Areas of specialization** : **Computational Physics**



### **Projects undertaken**

Title of the Project	Name of the funding Agency	Duration	Completed/Ongoing	Amount	Remarks

### **Seminars Organized**

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/International	Co-ordinator/Convener

### **Seminars, Workshop and Conferences Attended**

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/International	Organization in which attended
Recent techniques on single crystal growth and its characterization	July 21, 2020			The Madura college, Madurai
Solid state Physics – Series 1: Electrons in Solids	June 1-4, 2020			University of Madras,

				Chennai
Energy Research: Webinar Series- II	May 26-30, 2020			Centre for Nanoscience and Nanotechnology (CNSNT)
Macro to Micro & Nano approaches in Physics	May 28-29, 2020			Idhaya College for Women, Kumbakonam, Thanjavur
Nonlinear optical behaviour of nanomaterials	May 28, 2020			Lady Doak College, Madurai
Multifunctional nanomaterials	May 27, 2020			Lady Doak College, Madurai
Supercapacitors: New age energy storage devices	May 19, 2020			Ayya Nadar Janaki Ammal College, Sivakasi
ICT	May 18, 2020			Stella Maris College (Autonomous), Chennai
Functional novel materials for electrochemical sensors and energy storage devices	May 15, 2020			Thiagarajar College, Madurai and Ming University of Technology, New Taipei city, Taiwan
Conceptual and Applied Physics	May 5-8, 2020			RK university and Saurashtra University, Rajkot
Advanced Functional Materials for Energy, Environment and Biomedical Applications	December 11-12, 2017		International	Madurai Kamaraj University, Madurai
International Conference on Spectroscopy of Biomolecules and Advanced Materials,	October 4-7, 2017		International	Christian College, Chengannur, Kerala
National Conference on Smart	February		National	Lady Doak

Materials	23-24, 2016			College, Madurai
International Conference on Recent Advances in Materials and Chemical Sciences	December 14-15, 2015		International	Gandhigram Rural Institute, Dindigul district
International Conference on Nanomaterials for Energy, Environment, Catalysis and Sensors	December 11-12, 2015		International	Madurai Kamaraj University, Madurai
59 <sup>th</sup> DAE Solid State Physics Symposium	December 16-20, 2014		National	VIT university, Vellore
International Conference on Sustainable Energy Technologies	December 11-13, 2014		International	PSG College of Technology, Coimbatore
Advances In Biomolecular Sciences and Analytical NMR	August 25-27, 2014			University of Manchester, UK and Srimad andavan arts and science college
Advances in Nanomaterials	February 25, 2014			Lady Doak College, Madurai
Physics of Nanomaterials & its Relevant Ethical Issues	February 24, 2014			Lady Doak College, Madurai
Nanostructure – based solar photovoltaics	October 24, 2013.			Lady Doak College, Madurai
Renewable Energy Utilization	February 25, 2013			Lady Doak College, Madurai
Materials Characterization	December 3-7, 2012			National Institute of Technology, Tiruchirappalli
Exciting Astronomy	January 28, 2012			Lady Doak College, Madurai
Geomagnetism	February 26-28, 2011.			Equatorial Geophysical Research Laboratory, the

				Regional centre of Indian Institute of Geomagnetism, Tirunelveli
Recent Trends in Physics	October 11-13, 2010			Lady Doak College, Madurai
Radiochemistry and Applications of Radioisotopes	September 20-26,2010			Gandhigram Rural University, Gandhigram, Tamilnadu

### Books Published:

Title of the Book Published	ISBN No.	Publisher if any	Year of Publishing	Authored/Edited

### Research Publications:

Title of the Journal	ISSN No. if any	Volume No. & Page No. if any	Year	International/National/State
Asian Journal of Physics	0971-3093	Vol.24, No.5	2015	International
AIP Conference Proceedings	0094-243X	1665, 110045	2015	International
Journal of Computational Electronics	1572-8137	Volume 15, 2, 557-568	2016	International
Journal of Computational Electronics	1572-8137	Volume 17,3, 1153-1166	2018	International
Journal of Computational Electronics	1572-8137	Volume 18,4, 1128-1138.	2019	International
Materials Letters	0167-577X	276, 128089	2020	International

### Research Activities

Degree	No. Awarded	No. Submitted	No. Guiding
M.Phil.,			
Ph.D.,(Part-time)			
Ph.D. (Full-time)			

### Details of Invited Lecture / Resource Person

Place	Date	Sponsoring Agency	Topic	Audience type	International/National/State Level

**Academic council/Board of Studies Member**

Institution	For a period of	Dept.

**Honours Achieved**

Agency	Recognition IN/National/State	Cash award if any(Amount)	For the service of

**Service in Extra Curricular Activities (NSS/NCC/AEEP/YRC/MCCA/Club etc.,)**

Whether NSS/NCC/AEEP/YRC	Period

**Reviewer/editor of a journal**

Title of the Journal	ISSN No. if any	International/ National/State	Impact factor/h-index

**Details of Orientation and Refresher attended**

Orientation/Refresher	University/College/Institute at which attended	Duration	
		from	to

**Any Other Information :**

Qualified the Tamilnadu State Eligibility Test (TNSET) for Assistant Professor held on 23<sup>rd</sup> April 2017.