

RESUME

Muniyalakshmi.M

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OBJECTIVE

Seeking a career to share my knowledge and experience with students and gain more experience into the education and teaching field and helping them in gaining the same.

ACADEMIC PROFILE

Year	Name of Degree	College/ University	Marks Obtained	Grade	No Of Subjects Passed In More Than One Attempt
2014-2015	M.Phil (Physics)	Madurai Kamaraj University Madurai	76%	First Class	Nil
2012-2014	M.Sc (Physics)	The American College, Madurai	66%	First Class	Nil
2009-2012	B.Sc (Physics)	Devanga Arts And Science College Aruppukottai.	79%	First Class	Nil
2008–2009	H.S.C	Kammavar Girls Higher Secondary School, Kovilpatti.	70%	First Class	Nil
2006-2007	S.S.L.C	Government Higher School, Vilathikulam	76%	First Class	Nil

TEACHING EXPERIENCE

- Worked around one year as Assistant Professor at Yadhava College, Madurai.

AREA OF INTREST

- Nano science.
- Electronics.
- Solid state physics.

CURRICULAR ACTIVITIES

- Attended National Seminar on “NATIONAL SEMINAR ON X-RAY CRYSTALLOGRAPHY (NSXC-2014)” at Madurai Kamaraj University, Madurai during 29th Sep 2014 to 1st Oct 2014.
- Attended one day workshop on “MATERIALS CHARACTERIZATION TECHNIQUES AFM & XRD” at Madurai Kamaraj University, Madurai on 19th Nov 2014.
- Attended a workshop on “Quantum Entanglement” during 25th august 2014 at Madurai Kamaraj University, Madurai.
- Attended a workshop on “COMPUTATIONAL PHYSICS” during 30th and 31st august 2013 held at Madurai Kamaraj University, Madurai.
- “Workshop on Higgs boson” by The American College.
- Paper presentation in National level seminar in Energy physics by Senthil Nadar Arts and Science College, Virudunagar.
- Workshop on “MEMS and NEMS” in Devanga arts and science college, Aruppukottai.
- Participated in various State level and National level Seminars conducted by various colleges.

PROJECT

Post graduate

Antibacterial activity of Silver Graphene Oxide composites

Graphene Oxide-silver nano particle (GO-Ag) composites were synthesized by two-phase method. The antibacterial activity of GO-Ag composites was studied with respect to Gram-negative Escherichia coli, pseudomonas fluorescence, Gram-positive staphylococcus aureus by observing the bacterial cells. Bacterial cells were treated with GO-Ag composites and the growth rates were investigated under varying concentrations of GO-Ag composites. These results suggest that GO-Ag composites could be used as an effective antibacterial material.

Master of Philosophy

Investigation of Graphene Oxide (GO)-Cadmium Sulfide (CdS) Nano composite

Graphene Oxide- cadmium sulfide nano composite were prepared by solution growth method. During the process, cadmium sulfide nano particle on Graphene Oxide were analyzed by AFM images. The obtained graphene oxide sheets are found to be well exfoliated and reduced. FTIR and Raman characteristic confirm that CdS nano particles are successfully attached onto the graphene oxide sheets. The optical performance of as prepared samples was investigated by UV-Visible spectroscopy and its emission properties were studied by photo luminescence spectroscopy.

PERSONAL DETAILS

Name	:	MuniyaLakshmi
Father Name	:	Murugan
Husband Name	:	Pradeep
Sex	:	Female
Marital Status	:	Married
Date of Birth / Age	:	15-01-1992 / 25
Religion	:	Hindu
Community	:	SC
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DECLARATION

I hereby declare that the information furnished above is true, correct and complete to the best of my knowledge.

DATE : yours truly
PLACE : Tirunelveli

 (Muniyalakshmi.M)