

Name : Mrs.M.Beaula Ruby Kamlam
Designation : Assistant Professor
Department : Physics
Date of Joining : 17.09.2007(2005)
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Educational Qualification:

Degree	Subject	College / University & Place	Year Completed
Ph.D	Physics	School of Physics, Madurai Kamaraj University	Pursuing
M.Phil	Physics	V.H.N.S.N College, Virudhunagar	2004
M.Sc	Physics	The American College, Madurai	1997
B.Sc	Physics	J.A College for Women, Periyakulam	1995

Specialisation in Teaching: Classical & Quantum Mechanics
Statistical Physics, Condensed Matter Physics
Thermodynamics & Statistical Mechanics
Numerical Methods ,C++ & MathCAD
Astronomy, Astrophysics & Cosmology

Specialisation in Research: Experimental Condensed Matter Physics

Research Interests:

Nano materials synthesis and characterization, Energy storage and Super capacitor applications, Photo catalytic analysis of transition metal oxides

Other Work Experience:

Designation	Institution / Company	Year - From (month/year) To (month/year)
Lecturer	J.A. College for Women, Periyakulam	08.07.1997-27.07.1999
Junior Lecturer	The American College, Madurai	28.07.1999- 30.04 2000
Lecturer	Lady Doak College, Madurai	13.06.2000 -30.04.2002
Guest Lecturer	School of Energy & Environmental Science, Madurai Kamaraj University, Madurai	24.01.2003 – 30.04.2005

Administrative /Academic Position/s (held / currently holding):

Positions held	Year - From (month/year) To month/year)
Superintendent Women's Hostel Extension	Aug 1999-April 2000
Superintendent Women's Hostel	Dec 2005 – April 2006

Membership in Professional Bodies:

1. Member of Board of Studies at Jayaraj Annapackiam College for Women, Periyakulam during 2009-2012.(3 yrs)
- 2.FDP Selection Committee Member at Arulmigu palaniandavar College for Women, Palani in the Year 2009.
- 3.Life Member in Indian Association for Crystal Growth.

Publications:**Articles Published in International Journals:**

1. **Beaula Ruby Kamalam, M.**, Balachandar, B.K. and S. Sethuraman. 2016. Solvothermal Synthesis and Characterization of Reduced Graphene oxide/ Vanadium Pentoxide Hybrid nanostructures. *Materials Today Pro.* 3: 2132–2140.
2. **Beaula Ruby Kamalam, M.** Balachandar, B.K. and S. Sethuraman. 2015. Graphene oxide vanadium pentoxide nanocomposite for Photocatalytic application. *Advanced nanomaterials:* 253-258.

Conference / Seminar Presentations:

1. Rescaled Range analysis of Temperature in Chennai, M. Suresh Kumar, M. Beaula Ruby Kamalam, S. Stephen Rajkumar Inbanathan, M .Mahalakshmi, UGC National seminar, AMMR, (2012).
2. Growth of diglycine hydrogen selenite acid single crystals and its characterization by XRD, FTIR, UV-Vis NIR, TG-DTA and DSC M. Beaula Ruby Kamalam and S.S.R. Inbanathan, XVII National Seminar on Crystal Growth, Chennai (Jan 2013)
3. Growth of nonlinear optical glycine single crystals and is characterization by XRD, FIIR, UV-Vis NIR, TG-DTA. M.Beaula Ruby Kamalam, S.S.R. Inbanathan. 17 th National seminar on Crystal Growth at Anna University, Chennai. during 9-11 th January 2013 .
4. Reduced graphene oxide/Vanadium Pentoxide Hybrid nanostructures using solvothermal synthesis.M.Beaula Ruby Kamalam,B.K.Balachandar, K.Sethuraman 19 th National Seminar on Crystal Growth held at VIT University, Vellore during 12-14 th March,2015.
3. Solvothermal synthesis of reduced graphene oxide/Vanadium pentoxide Hybrid nanostructures. M.Beaula Ruby Kamalam,B.K.Balachandar, K.Sethuraman RAINSAT-2015 held at Sathya Bama University, Chennai during 8-10 th July,2015.
4. Graphene oxide Vanadium pentoxide nanocomposite for Photocatalytic Application. M.Beaula Ruby Kamalam,B.K.Balachandar, K.Sethuraman

NANO-2015 held at KSR college of engineering, Thiruchengode during Dec 7-10, 2015

Lectures / Talks given:

1. Delivered a talk on “**The night Sky**” at Astro Club, Lady doak College, Madurai -2002.

Other Activities / Academic Credentials:

- Organized physics exhibition **PHOBOS – 2010** for school students during September 2010
- Organized Science exhibition for school students during 17-19th October 2012.
- U.G Physics association President during 2013-2014 and organized inter collegiate meet **PHOBOS-2014**.
- Assisted the management in organizing Science Exhibition from 2013-2015 as a registration & invitation committee member.