

**Name** : W. HANNAH BLESSY  
**Designation** : Lecturer  
**Department** : Physics  
**Date of Joining** : 02-07-2015  
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**Educational Qualification:**

Degree	Subject	College / University & Place	Year Completed
B.Sc.	Physics	Lady Doak College, Madurai (Madurai Kamaraj University)	Apr. 2004
M.Sc.	Physics	Madras Christian College, Chennai (Madras University)	Apr. 2006
M.Phil.	Physics	Madurai Kamaraj University	Apr. 2010

**Specialisation in Teaching** : Molecular Spectroscopy, Analog & Digital Electronics, Mechanics  
**Specialisation in Research** : Infrared & Raman Spectroscopy, Molecular Dynamics Simulation  
**Research Interests** : Vibrational Spectroscopy, MD Simulation

Designation	Institution / Company	Year - From (month/year) To (month/year)
Lecturer	Department of Physics, The American College, Madurai	Since July 2015
Lecturer	Department of Physics, Yadava College, Madurai	July 2014 - Mar 2015
Lecturer	Department of Physics, Fatima College, Madurai	June 2014 - July 2014
Lecturer	Department of Physics, Fatima Michael College of Engineering & Technology, Madurai	June 2011 - May 2012 & Feb 2013 - Feb 2014
Lecturer	Department of Physics (SF), NMSSVN College, Nagamalai, Madurai	Sep 2010 - Dec 2010
Lecturer	PG & Research Department of Physics, Lady Doak College, Madurai	Nov 2006 - Feb 2007
Junior Research Fellow - DST Major Project	PG & Research Department of Physics, Lady Doak College, Madurai	Feb 2007 - Nov 2009

**Administrative /Academic Positions (held / currently holding):** -Nil-

Positions held / currently holding	Year - From (month/year) To month/year)

**Publications:**

**Articles Published in International Journals:**

1. C. Anzline, S. Israel, R.Niranjana Devi, P. Richard Rajkumar & W. Hannah Blessy (2014) Molecular structure, vibrational spectroscopic and site selectivity studies in 5-amino-3-methyl-1,2-oxazole-4-carbonitrile using DFT Technique, Journal of Research in Science.ISSN: 2278-9073, Vol. 2, 35-39.
2. R. Niranjana Devi, S. Israel, C. Anzline, P. Richard Rajkumar & W. Hannah Blessy (2014) Elucidation of reactivity descriptors for 2-mercaptobenzoic acid using Density Functional Theory approach, Journal of Research in Science. ISSN: 2278-9073, Vol. 2, 25-30.

***Papers presented in State level seminars /workshops:***

1. W. Hannah Blessy (2008). Infrared Investigations of DMF / CCl<sub>4</sub> binary mixtures in the 10<sup>th</sup> **state level technical seminar** in Physical Sciences for PG & M.Phil students held at Meenakshi College, Chennai organized by ISPA
2. W. Hannah Blessy (2007). Infrared Investigations of binary mixtures in the **UGC sponsored State level conference** on 'Nanomaterials' held at SFR College for Women, Sivakasi
3. W. Hannah Blessy (2006). A study on simple nonlinear systems in the State level technical Seminar in Physical Sciences for PG & M.Phil students held at the Presidency College, Chennai organized by ISPA

**Awards / Fellowships:**

1. Junior Research Fellowship from DST at PG & Research Department of Physics, Lady Doak College, Madurai (Feb 2007 - Nov 2009)
2. Summer Research Internship 'Numerical Methods in Physics' at the Indian Institute of Science, Bangalore, funded by the Jawaharlal Nehru Centre for Advanced Scientific Research (2005).

**Overseas Academic Visits:**

**6-week training programme - *International Partnership for Service***

***Learning*** (IPSL, New York) held at Trinity College, **Philippines** (2003), organized for participants from 8 countries of the Asia-Pacific region focusing mainly on Youth Leadership, Theology, Contemporary Social Issues, Community Service and exposure to various social organizations.

**Other Activities / Academic Credentials:**

***Participation in Seminars /workshops***

<b>Date</b>	<b>Paper Presentation / Participation</b>
26.09.2016	One-day <b>TEQIP-II Sponsored International Lecture Workshop</b> on Advanced Materials Engineering (Physics in Engineering, PiE - III) at Thiagarajar College of Engineering, Madurai
December 2014	<b>UGC sponsored National Conference</b> on 'Recent Trends in Quantum Chemistry' held at Nesamony Memorial Christian College, Marthandam
August 2014	<b>UGC sponsored 'Orientation Programme for Teachers'</b> held at Yadava College, Madurai
Feb 2009	Advanced level <b>International workshop</b> on Nanoscience and Technology held at Anna University, Chennai
Feb 2009	<b>National level conference</b> on 'Emerging Areas in Thin Film Science and Technology : MEMS and Nanotechnology' held at PSG College of Technology, Coimbatore
Feb 2009	<b>State level seminar</b> on 'Thinfilms and their applications' held at Lady Doak College, Madurai
Jan 2009	<b>State level seminar</b> on 'Recent Advances in Spectroscopy' held at Kandaswami Kandar's College, Namkkal
Feb 2008	<b>2<sup>nd</sup> International Conference</b> on Perspectives in Vibrational Spectroscopy held at Mar Ivanios College, Trivandrum
Feb 2008	<b>International Pre-Conference</b> on Chemometrics Tutorial held at Mar Ivanios College, Trivandrum
Feb 2008	10 <sup>th</sup> <b>state level technical seminar</b> in Physical Sciences for PG & M.Phil students held at Meenakshi College, Chennai organized by ISPA <b>Won the 1<sup>st</sup> prize for paper presentation</b>
Jan 2008	<b>National level seminar</b> on 'Thrust Areas in Nano Technology' held at Fatima College, Madurai
Mar 2007	<b>UGC sponsored State level conference</b> on 'Nanomaterials' held at SFR College for Women, Sivakasi
Feb 2007	<b>State level seminar</b> on 'Nonlinear Optics and Nonlinear Dynamics' held at Lady Doak College, Madurai
2003-2004	<b>Regional level Seminar</b> on 'The Universe' held at Lady Doak College, Madurai
2002-2003	<b>Regional level Seminar</b> on 'Thrust Areas in Physics & Crystallographic Studies' held at Lady Doak College, Madurai

***Training attended***

<b>Date</b>	<b>Programme</b>	<b>Remarks</b>
2004	<b>Regional level training</b> programme on 'Microprocessor and its applications' held at Lady Doak College, Madurai	3 days

