

Mrs.JUDITH JAYARANI A.

Assistant Professor,
Department of Physics,
Bishop Heber College,
Tiruchirappalli - 17.

E-mail : judithjayarani.a@gmail.com

Phone : 8056848555

Web:

Qualification

Degree	Branch	Institution / University	Year of Passing
Ph.D	Physics	National College	2018
M.Phil	Physics	Bharathidasan University	2007
M.Sc.	Physics	Cauvery College For Women	2006
B.Sc.	Physics	Holy Cross College	2004

Ph.D. Details

Title of Thesis		Area of Specialization	
Growth and characterization of some nonlinear optical and ferroelectric single crystals		Crystal growth and nanomaterials	
Research Supervisor	Research Centre	Year of Award	
Dr.A.T.Ravichandran	National College	February 2018	

Additional Qualification

Name of Course	Place of Study	Date	Duration
sample	sample	sample	2 yrs

Work Experience

Name of Institution	Address of Institution	Designation	From	To
Dhanalakshmi Srinivasan College of Arts and Science for Women	Perambalur	Assistant Professor	01.07.2011	30.04.2012

Teaching / Research Experience

U.G. : 4 P.G. : 4 M.Phil. Ph.D.

Table of Contents

1.	Conferences / workshops / Seminars Attended	6
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3.	Publication in Journals	5
4.	Publication in Books	0
5.	Books Published / Edited	0
6.	Conferences / Workshops / Seminars Organised	0
7.	Research Projects	0
8.	Resource Person	0
9.	Consultancy	0
10.	Awards Recieved	0
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	0
14.	M.Phil. / Ph.D. Produced	0 / 0

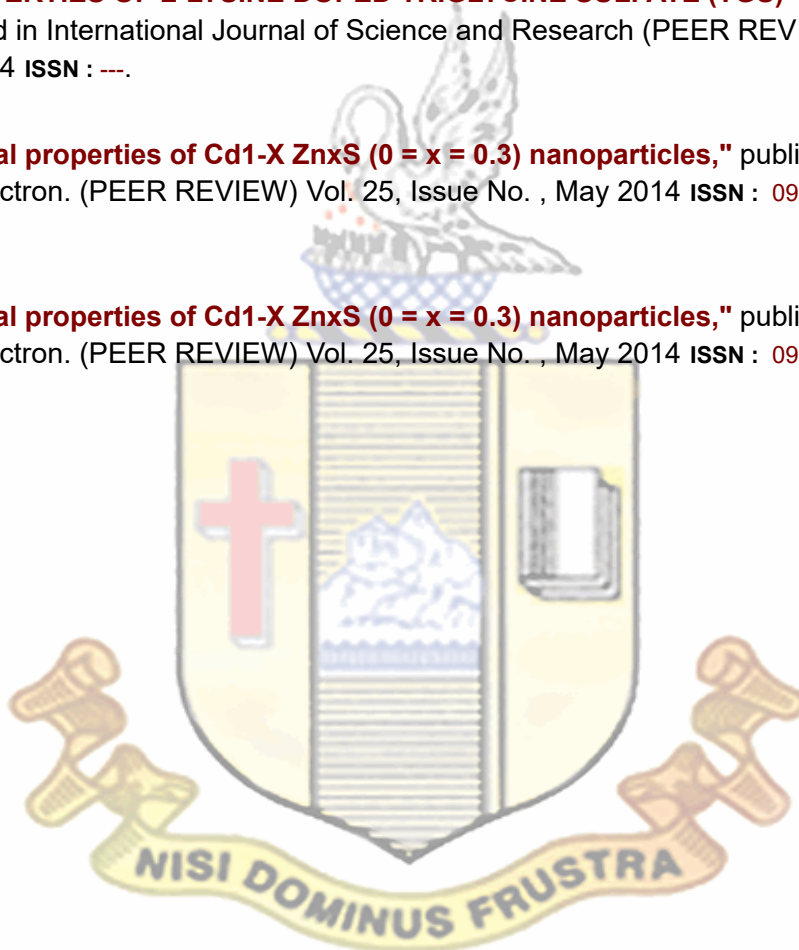
1. College level Refresher on **"Webinar on online teaching-The new norm"** sponsored by Bishop Heber College organized by Bishop Heber College at Trichy during 22/05/2020 to 01/01/1900.
2. College level Refresher on **"Webinar on online teaching-"** sponsored by Bishop Heber College organized by Bishop Heber College at Trichy during 21/05/2020 to 01/01/1900.
3. International level Conference on **"Young Scientist Conference"** sponsored by India International Science Festival 2019 organized by India International Science Festival 2019 at Kolkata during 05/11/2019 to 01/01/1900.
4. College level Refresher on **"Faculty improvement program on experimental physics"** sponsored by DBT organized by PG & Research Department of Physics at Bishop Heber College during 12/02/2018 to 13/02/2018.
5. National level Conference on **"Third National Conference on Multifunctional nanomaterials and nanocomposites"** sponsored by Bharathiyar University organized by Bharathiyar University at Coimbatore during 25/02/2013 to 26/02/2013.
6. National level Conference on **"National Conference On Recent Advancement In Nanoscalresearch (NCRNR 2012)"** sponsored by Anna University organized by Anna University at Madurai during 24/08/2012 to 25/08/2012.

Research Papers Presented

- 3

1. **"Optical And Mechanical Properties Of L-Proline doped Ammonium Dihydrogen Phosphate (ADP) Single Crystals"** in the National conference on XVIII National Seminar on Crystal Growth (With international Participation) sponsored by , organized by National College at Trichy during 24/02/2014 to 26/02/2014.
2. **"Growth of divalent Mn²⁺ metal ion doped potassium acid phthalate (KAP) single crystals and its structural, spectroscopic, optical and mechanical properties"** in the National conference on Recent advances in materilas science (RAMS- 2014) sponsored by , organized by Bharathidasan University at Trichy during 03/02/2014 to 04/02/2014.
3. **"Growth and characterizations of L-Lysine doped TGS single crystals"** in the National conference on Advance in Materials Synthesis (AIMS'13) sponsored by , organized by Sree Sevugan Annamalai College at Devakottai during 21/07/2013 to 21/07/2013.

1. **"Growth of divalent Mn²⁺ metal ion-doped potassium acid phthalate (KAP) single crystals and its structural, spectroscopic, optical and mechanical properties for SHG device applications"** published in Materials Research Innovation (PEER REVIEW) Vol. 20, Issue No. 7, May 2016 ISSN : 1433-075X.
2. **"STRUCTURAL, OPTICAL AND ANTIBACTERIAL ACTIVITY OF UNDOPED AND La DOPED CdO NANOPARTICLES SYNTHESIZED BY SIMPLE PRECIPITATION METHOD"** published in International Journal of Information Research and Review (PEER REVIEW) Vol. 03, Issue No. 03, March 2016 ISSN : 2349-9141.
3. **"MECHANICAL PROPERTIES OF L-LYSINE DOPED TRIGLYCINE SULFATE (TGS) SINGLE CRYSTALS"** published in International Journal of Science and Research (PEER REVIEW) Vol. 03, Issue No. 07, July 2014 ISSN : ---.
4. **"Structural and optical properties of Cd_{1-x}Zn_xS (0 ≤ x ≤ 0.3) nanoparticles,"** published in J. Mater. Sci.: Mater. Electron. (PEER REVIEW) Vol. 25, Issue No. , May 2014 ISSN : 0957-4522.
5. **"Structural and optical properties of Cd_{1-x}Zn_xS (0 ≤ x ≤ 0.3) nanoparticles,"** published in J. Mater. Sci.: Mater. Electron. (PEER REVIEW) Vol. 25, Issue No. , May 2014 ISSN : 0957-4522.



Signature of Staff
(JUDITH JAYARANI A.)