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## Qualification

Degree	Branch	Institution / University	Year of Passing
M.Phil	Physics	St.Josephs College	2008
M.Sc	Physics	St.Josephs College	2007
B.Sc	Physics	Ssdm College	2005

## Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College	Bishop Heber College Tiruchirappalli- 620017	Assistant Professor	10-07-2009	Till Date

### Teaching / Research Experience

U.G. : 7      P.G. : 7      M.Phil.      Ph.D.

### Research Guidance

U.G. :      P.G. : 10      M.Phil. :      Ph.D. :

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6.	<b>Conferences / Workshops / Seminars Organised</b>	0
7.	<b>Research Projects</b>	1
8.	<b>Resource Person</b>	0
9.	<b>Consultancy</b>	0
10.	<b>Awards Recieved</b>	0
11.	<b>Patent</b>	0
12.	<b>Extension Activities Undertaken</b>	0
13.	<b>Professional Membership</b>	0
14.	<b>M.Phil. / Ph.D. Produced</b>	0 / 0

### CONFERENCES / WORKSHOPS / SEMINARS ATTENDED

- 3

1. National level Workshop on **"Faculty Development Programme"** sponsored by AIACHE organized by All India Association For Christian Higher Education at CSI Synod Centre, Chennai during 09/07/2014 to 11/07/2014.
2. International level Workshop on **"International Workshop on Advanced Energy Materials (IWAEM -2012)"** sponsored by Alagappa University organized by Alagappa University at Karaikudi during 09/02/2012 to 10/02/2012.
3. State level Orientation on **"State Level YRC Study Camp"** sponsored by Indian Red Cross Society, Tamilnadu Branch organized by Bharathiar University at Coimbatore during 12/12/2011 to 15/12/2011.

1. **"Synthesis and Optical Studies on Concentration Dependent Dy<sup>3+</sup> Doped Fluoroborate Glasses"** in the National conference on *National Conference on Luminescence and Applications (NCLA - 17)* sponsored by Luminescence Society of India, organized by CSIR - Indian Institute of Chemical Technology (IICT) at Hyderabad during 09/01/2017 to 11/01/2017.
2. **"Growth and Characterisation of M-Nitroaniline Benzophenone (1:1) Single Crystal"** in the National conference on *XV National Seminar on Crystal Growth* sponsored by , organized by PSN College of Engineering & Technology at Tirunelveli during 23/02/2011 to 25/02/2011.

## Publication in Journals

- 5

1. **"Synthesis and optical studies on concentration dependent Dy<sup>3+</sup> doped lithium-fluoroborophosphate glasses"** published in AIP Conference Proceedings 2115 (PEER REVIEW) Vol. , Issue No. , December 2019 ISSN : ---.  
Impact factor , Scopus Index 030259 (2019), h - index , Citation index
2. **"Spectroscopic behavior of composition dependent Dy<sup>3+</sup> doped alkali fluoroborophosphate glasses"** published in AIP Conference Proceedings 1942 (PEER REVIEW) Vol. 070022, Issue No. 2018, October 2018 ISSN : 978-0-7354-1634-5.
3. **"Automatic Street Light Control Based on Vehicle Detection Using Arduino for Power Saving Applications"** published in International Journal of Electronics, Electrical and Computational System (PEER REVIEW) Vol. 6, Issue No. 9, January 2017 ISSN : ISSN 2348-117X.
4. **"Synthesis and Optical Studies on Concentration Dependent Dy Doped Lithium Fluoroborate Glasses for W-LED Applications"** published in (SELECT) Vol. , Issue No. , January 1900 ISSN : ---.
5. **"Structural and luminescence properties of Dy<sup>3+</sup> doped alkali fluoroborophosphate glasses for white LEDs applications"** published in (SELECT) Vol. , Issue No. , January 1900 ISSN : ---.

## RESEARCH PROJECTS

- 1

1. Minor project entitled **"PREPARATION, STRUCTURAL AND LUMINESCENCE STUDIES OF RARE-EARTH (RE<sup>3+</sup>) IONS DOPED BORO PHOSPHATE GLASSES FOR PHOTONICS APPLICATIONS"** (PRINCIPAL INVESTIGATOR), Sponsored by Bishop Heber College, during 01/12/2019 to Till Date [Ongoing].

Signature of Staff  
(V.ANTONY RAJ)