

## **RESUME**

Name: Renju Ravi  
Designation: Guest Lecturer  
Department: Physics  
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Qualifications: M.Sc., M.Phil  
Area of Interest: Photonic materials  
Subjects Handled: PG and UG classes in Physics

Experience:

27 Months

### **ACADEMIC PROJECTS**

- Effect of air annealing on the optical, structural and surface morphological properties of CuPc and ZnPc thin films.
- Synthesis and Characterization of Bismuth doped Zinc Aluminates.

### **SEMINARS ATTENDED**

1. Participated in a national seminar on “Non-linear optics, Group theory and Statistical Mechanics [NLOGSM -2014]” held on 28-30 April, 2014 organized by Department of Physics, D.B. Pampa College, Parumala.
2. Participated in a seminar on “Quantum mechanics through problems” held on 28-29 November, 2014 held at St. Thomas college, Kozhencherry.
3. Participated in a national seminar on “Advances in functional materials (AFM 2017)” held on 19-20 September, 2017 organized by Department of Physics, All Saints’ College, Thiruvananthapuram.

### **Papers Presented in Seminars/Conferences:**

1. Participated and presented a poster on “Bismuth Doped Zinc Aluminates as Cool Colored Pigments” in International Topical Meeting on Applied and Adaptive Optics (INTOPMAA) held on 11-13, August 2017 organized by Indian Institute of Space and Technology, Thiruvananthapuram.
2. Participated and presented an oral presentation entitled “Synthesis and Characterization of Bismuth doped Zinc Aluminates Pigments” in National

Seminar on Advanced Materials (NSAM 2017) held on 04th October, 2017 organized by the Department of Chemistry and the School of Physical and Mathematical Sciences, University of Kerala.

**Academic Responsibilities Undertaken:**

Class tutor, Model Exam Question paper Setter, University exam invigilator