

## FACULTY PROFILE

**Name** : **Dr. S. KALAIYARASI**  
**Qualification** : M. Sc., M.Phil., Ph.D.  
**Designation** : Assistant Professor  
Dept. of UG Physics  
**Years of Experience** : **UG: 4 years 10 Months**  
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**Areas of Specialization** : Nonlinear optics

### Publications

- 1) **S. Kalaiyarasi**, I. MD Zahid, S. Reena Devi, R. Mohan Kumar, “Studies on the growth aspects, structural and third order nonlinear optical properties of Piperidinium 3-carboxy-4-hydroxybenzenesulfonate single crystal” Journal of Crystal Growth, 460 (2017) 105-111.
- 2) **S. Kalaiyarasi**, S. Reena Devi, R. Akilan, R. Mohan Kumar and G.Chakkaravarthi, 4-Methylanilinium 3-carboxy-2-hydroxypropanoate, IUCrData 1 (2016) x161525.
- 3) **S. Kalaiyarasi**, S. Suresh, R. Akilan, R. Mohan Kumar and G.Chakkaravarthi, 4-Methylanilinium 3-carboxy-4-hydroxybenzenesulfonate IUCrData 2 (2017) x170254
- 4) A. Malarkodi, **S. Kalaiyarasi**, K. S. Joseph Wilson, R. Mohan Kumar and G.Chakkaravarthi, 2-Amino-1-methyl-4-oxo-4,5-dihydro-1H-imidazol-3-ium 3-carboxy-4-hydroxybenzenesulfonate monohydrate, IUCrData 2 (2017) x171595.

**Conferences/Workshops/Seminar/Webinars Participated**

1. Participated in the webinar on “Artificial Intelligence coupled devices the future of Health care” organized by Department of Electronics and Physics, Bhaktavatsalam memorial College for Women held on 23<sup>rd</sup> DEC 2021.
2. International Conference on Material Processing and its Application-VIT, Dec 14-16, 2016.
3. Participated in the one day “NATIONAL CONFERENCE ON ADVANCED MATERIALS SCIENCE” organized by the Department of Physics on 22nd July 2015 at Jerusalem College of Engineering.