

## **Sri. Ravikumar R**

Assistant Professor  
Department of Studies in Physics  
Karnataka State Open University  
Mukthagangothri  
Mysuru - 570006  
Phone: (+91) 8095929590

Qualification : **M.Sc, B.Ed, KSET, (Ph.D.)**

Areas of Specialization : **Solid State Physics.**

Areas of Research Interest : **Crystallography.**

Email : [ravikumar.r1210@gmail.com](mailto:ravikumar.r1210@gmail.com)

### **EDUCATIONAL QUALIFICATIONS**

<b>Ph.D. in Physics (Pursuing)</b>	September 2021 – till present
(Guide: Prof. H C Devarajegowda), DOS in Physics, Yuvaraja's College Mysore, University of Mysore, Mysuru, India.	
<b>KSET (Physics)</b>	January 2021
University of Mysore, Mysuru, India.	
<b>B.Ed.</b>	June 2019
Dhanvanthri College, University of Bangalore, Bangalore, India.	
<b>M.Sc. Physics</b>	May 2015
DOS in Physics, University of Mysore, Mysuru, India.	
<b>B.Sc. (PMCs)</b>	December 2012
Yuvaraja's College Mysore, University of Mysore, Mysuru, India.	

### **PROFESSIONAL EXPERIENCE**

#### **Teaching Experience : 07 Years**

Karnataka State Open University	2024- till present
Yuvaraja's Degree College- Assistant Professor	2018-2024
BGS Paramedical College- Physics Lecturer	2020-2022
Maharaja's Pre-University College- Physics Lecturer	2019-2020
Daksha Pre-University College- Physics Lecturer	2018-2019
Manasa Pre-University College- Physics Lecturer	2016-2018

#### **Research Experience : 04 Years**

## TECHNICAL SKILLS

- **Analytical Instruments:** Single XRD.
- **Software's:** Mercury 2.2, ORTEP 3, Crystal Explorer 20, Olex2-1.5, Linux, Latex, OriginPro 9.0, MS office, Auto Doc vena.

## JOURNAL PUBLICATIONS

1. D.K. Soumyashree, Dinesh S. Reddy, M. Sunitha Kumari, **R. Ravikumar**, Amit Kumar, H. Nagarajaiah, G. Vidya, Lohit Naik, Bandar Ali Al-Asbahi, Nikhil Kadam, H. Shanavaz, and Basavaraj Padmashali. "Imidazopyridine Hydrazine Conjugates as Potent Anti-TB Agents with their Docking SAR, and DFT Studies". **ChemistrySelect**/9,e202400937. (Imfact Factor :2.1)

## CONFERENCE

- Presented a Poster titled "Exploring the Intermolecular Interactions and electronic properties of o-Tolyl 4-methoxy benzoate: Insights from Crystal structure analysis, Hirshfeld Surface analysis and DFT Calculations" in the two day National conference on 'ADVANCED MATERIALS FOR CHEMICAL AND BIOLOGICAL APPLICATIONS' jointly organized by the Department of PG studies and research in Chemisty, and Research and Development Cell, Sri Dharmasthala Manjunatheshwara College (Autonomous), Ujire on 06 & 07 March 2024.