

Dr. Ishwar Prasad Sahu

Assistant Professor

Department of Physics

Indira Gandhi National Tribal University, Lalpur - Amarkantak,
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Professional Experience:

May 2017 – Present

Assistant Professor

Department of Physics, Indira Gandhi National Tribal University,
Lalpur - Amarkantak, Anuppur, Madhya Pradesh - 484887, India

September 2016 – April 2017

Assistant Professor (On Contract)

School of Studies in Physics & Astrophysics, Pt. Ravishankar Shukla
University, Raipur, Chhattisgarh - 492010, India

Academic Details:

Ph.D (Physics)[2011 – 2015]

Pt. Ravishankar Shukla University, Raipur, Chhattisgarh

M.Phil (Physics)[2008-2009]

Dr. C.V. Raman University, Bilaspur, Chhattisgarh

M.Sc (Physics)[2006 – 2008]

Pt. Ravishankar Shukla University, Raipur, Chhattisgarh

B.Sc (CS) [2003-2006]

Pt. Ravishankar Shukla University, Raipur, Chhattisgarh

Research Awards & Grants:

1. Received Prof. B. P. Chandra research award for outstanding research contribution in the field of Luminescence by Luminescence Society of India (LSI) at Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, India.
2. Received First best poster presentation in International Conference on Luminescence and its Applications (ICLA - 2015) on 9-12 February, 2015, Organized by PES University, Bangalore, Karnataka, India.
3. Received research scholarship award for the year of May 2012 to April 2014 from Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, India.

Membership of professional bodies:

1. Lifetime member (580) of Luminescence Society of India (LSI) Regd. No. Guj./1156, Baroda, Sept.95.

Research interest:

Solid State Physics/Material Science/Luminescent Materials/White Light Emitting Materials.

Selected Publications:

1. Ishwar Prasad Sahu, D.P. Bisen, Nameeta Brahme, Raunak Kumar Tamrakar, "Generation of White Light from Dysprosium Doped Strontium Aluminate Phosphor by Solid State Reaction Method", **Journal of Electronic Material**, **45 (4) (2016) 2222-2232. JIF: 1.579.**
2. Ishwar Prasad Sahu, D.P. Bisen, Raunak Kumar Tamrakar, "Dysprosium Doped Strontium Magnesium Silicate White light Emitting Phosphor Prepared by Solid State Reaction Method", **Journal of Display Technology**, **12(11) (2016) 1478-1487. JIF: 1.530**
3. Ishwar Prasad Sahu, D.P. Bisen, Nameeta Brahme, Raunak Kumar Tamrakar, "Enhanced luminescence performance of $Sr_2MgSi_2O_7:Eu^{2+}$ blue long persistence phosphor by co-doping with Ce^{3+} Ions", **Journal of Material Science: Material in Electronics**, **27 (1) (2015) 554 - 569. JIF: 2.019.**
4. Ishwar Prasad Sahu, P. Chandrakar, R.N. Baghel, D.P. Bisen, Nameeta Brahme, Raunak Kumar Tamrakar, "Luminescence Properties of Dysprosium Doped Calcium Magnesium Silicate Phosphor by Solid State Reaction Method", **Journal of Alloys and Compound**, **649 (2015) 1329-1338. JIF: 3.133.**
5. Ishwar Prasad Sahu, D.P. Bisen, Nameeta Brahme, "Dysprosium doped di-strontium magnesium di-silicate white light emitting phosphor by solid state reaction method", **Displays**, **35 (5) (2014) 279-286. JIF: 1.526.**

Research Outcomes:

1. International Conferences attended and presented - 06
2. National Conferences attended and presented - 14
3. Workshop/Schools/Symposium/Lecture Series attended – 09

Reviewer:

Luminescence	Journal of Alloys & Compound	Journal of Material Science: Materials In Electronics
Silicon	Journal of Physical Chemistry	Material Science in Semiconductor Processing
Optik	Journal of Luminescence	Applied Physics A: Material Science and Processing
RSC Advances	Journal of Rare Earth	Nano Structure and Nano Objects
Materials and Design	Sensors and Actuators	Journal of Radiation Research and Applied Sciences
Journal of Solid State Science and Technology		Journal of Nanoparticle Research
Journal of Inorganic and Organometallic Polymers and Materials		