

Tentative Outline

Luminescent Materials for Display, Dosimetry, Forensic and Biomedical Applications

Title of the Thematic Issue

Guest Editors: Dr. Ratnesh Tiwari and Dr. Vikas Dubey

• **Scope of the Thematic Issue:**

All submitted manuscripts will undergo a full peer review process. Areas of interest include but are not limited to:

- New Synthesis Techniques of luminescent materials
- Nano-Materials
- Mecholuminescence Sensors
- Theoretical and Experimental Approach of luminescent materials
- Interdisciplinary Applications of luminescent materials
- Phosphors for Drug Delivery,
- Phosphors for Photo-Therapy
- Phosphors for Latent Finger Print Detection,
- Phosphors for Earth Quake Monitoring
- Photoluminescence Studies
- Renewable energy sources
- Optoelectronics applications of nano-materials
- Thermoluminescence and optically stimulated luminescence
- Electroluminescence materials

Keywords: Photo-luminescence, Thermo-luminescence, Mechano-luminescence, Biomedical Application

Sub-topics:

The sub-topics to be covered within the issue should be provided:

- Synthesis Techniques of Luminescent Materials
- Rare earth doped phosphors and its applications
- Spectroscopic techniques of opto-electronics materials
- . opto-electronics device fabrication

Tentative titles of the articles and list of contributors:

Tentative titles of the articles and list of contributors with their names, designations, addresses and email addresses should be provided.

TL studies of Geological Sample Dr. Angesh Chandra, Associate Professor, SSIPMT Raipur

Luminescence studies of rare earth activated phosphors Dr. Neha Dubey, WOS-A Govt. VYT PG Auto College Durg

Forensic luminescent Materials Dr. R.S. Yadav, IIT BHU

Phosphate based phosphors, Dr. Govind B Nair, University of Free state South Africa

Phototherapy Lamp Phosphors Dr. Vijay Singh, Konkuk University South Korea

LED Materials based Phosphors Dr. Sudipta Som National Taiwan University Taipei

And many more ...

Schedule:

✧ Thematic issue submission deadline: 30 April 2020

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