

CURRICULUM VITAE

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PERSONAL PROFILE

- ◆ Age & Date of Birth : 31 years, April 6 , 1988
- ◆ Sex : Female
- ◆ Marital Status : Married
- ◆ Nationality : Indian
- ◆ Present Position : Assistant Professor (Joined on 25th November 2019)
- ◆ Area of Specialization : Solid State Physics (Luminescence)

ACADEMIC PROFILE

- ◆ **Ph. D.** Pt. Ravishankar Shukla University Raipur, C.G. India in 2018
- ◆ **M. Phil.** Pt. Ravishankar Shukla University Raipur, C.G. India in 2012
- ◆ **M. Sc.** Pt. Ravishankar Shukla University Raipur, C.G. India in 2010
- ◆ **B. Sc.** Holy Cross Women's College, Ambikapur, C.G. India in 2008

TITTLE OF Ph. D

STUDY ON OPTICAL PROPERTIES OF RARE EARTH DOPED ALKALINE EARTH
MAGNESIUM ALUMINATE BASED PHOSPHORS

LIST OF PAPER PUBLICATION IN INTERNATIONAL JOURNALS (SCI)

- Effect of gamma irradiation on thermoluminescence and fracto-mechanoluminescence properties of $\text{SrMgAl}_{10}\text{O}_{17}:\text{Eu}^{2+}$ phosphor, *Optical Materials* **53**(2016) 109-115
- Photoluminescence and mechanoluminescence investigation of bluish-green afterglow $\text{SrMgAl}_{10}\text{O}_{17}:\text{Ce}^{3+}$ phosphor, *Journal of Materials Science: Materials in Electronics* DOI 10.1007/s10854-016-6119-4
- Investigation on luminescence behaviour of Ce-activated $\text{BaMgAl}_{10}\text{O}_{17}$ phosphor, *Luminescence* DOI 10.1002/bio.3107
- Photoluminescence and thermoluminescence studies of $\text{CaAl}_2\text{O}_4:\text{Dy}^{3+}$ phosphor, *Luminescence* **31**(1) 2016 76-85
- Study on photoluminescence and thermoluminescence properties of UV-irradiated $\text{CaSrAl}_2\text{SiO}_7:\text{Ce}^{3+}$ phosphors, *Journal of Materials Science: Materials in Electronics* DOI 10.1007/s10854-017-8048-2
- Luminescence properties of dysprosium doped di-calcium di-aluminium silicate phosphors, *Optical Materials* **58**(2016) 234-242