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# Bio-data

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## EDUCATION

**Doctor of Philosophy in Physics  
(Pursuing)**

**M.Sc. in Physics**

**B.Sc. in (PCM Group)**

## SKILLS

### ➤ RESEARCH

- X-ray Diffraction Analysis (XRD)
- Scanning Electron Microscope (SEM)
- Photoluminescence Properties (PL)
- Dexter Theory
- XRD Rietveld Refinement
- CIE Chromaticity
- Williamson Plot
- Crystal Structure
- Different Synthesis

## LANGUAGES

English (native)

Marathi (fluent)

Hindi (fluent)

## INTERESTS

- Watching Movies
- Reading
- Web savvy

## PROFESSIONAL PROFILE

Departemnt of Physics, I have done my post-graduation in M.Sc. Physics from Gondwana University Gadchiroli, India and I qualify CSIR-NET (Rank 90) in June-2016. I have 4 year teaching experience and 3 years of experience in the research field of luminescence study and total 5 research papers published in Scopus, SCI and peer reviewed international journals.

## RESEARCH INTERESTS

I have hands-on experience in phosphor materials like combustion method, solid state reaction method, etc.I have hands-on experience in XRD, XRD Rietveld refinement, FTIR, UV-Vis, PL Properties, Scanning electron microscope (SEM), CIE chromaticity measurements. Also, I am familiar with various techniques for characterization and analysis purposes, such as structural, optical, Photoluminescence studies.