

**Rambabu Pachineela** M.Sc. , M.Tech.  
Assistant Professor



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## Academic Credentials

2007 - 2009 M.Tech. (Solid State Materials), Indian Institute of Technology, New Delhi  
2005 - 2007 M.Sc., Physics (First Class), **University of Hyderabad**, Hyderabad, India  
2002 - 2005 B.Sc., Maths, Physics, Comp Sc. (First Class), **Kakatiya University**, Warangal, India

## Teaching Experience

Aug2011 – present **Assistant Professor**, Guru Ghasidas University, Bilāspur, India

## Awards & Academic Achievements

Feb. 2007 GATE - Physics  
Dec 2006 CSIR – UGC- Junior Research Fellowship,

## Research Interests:

**Computational Condensed Matter physics using First Principles Calculations**

**Total Publications (UGC – CARE LIST (Scopus Listed) ) : 13**

**Paper Presentation in Conferences/Seminar/Workshops: 04**

### **Important Research Publications**

1. Physical Review B 99 (24), 241102 (2019)
2. Chem.Mater.2019, 31, 4545–4552 (2019)
3. Solid State Sciences 80, 92-100 (2018)
4. Journal of Applied Physics 122 (11), 115101 (2017)
5. Journal of Physics: Condensed Matter 29 (7), 075901 (2017)
6. Applied Physics Letters 100 (14), 142116-142116 (2012)
7. Journal of Physics D: Applied Physics 46 (26), 264001 (2012)

Conference Proceedings: 06