

# Dr. Goverdhan Reddy Turpu

Assistant Professor  
Department of Pure and Applied Physics  
Guru Ghasidas Vishwavidyalaya, Bilaspur



Ph.D. (2005)      Osmania University, Hyderabad  
Research areas      Experimental Condensed Matter Physics

## Awards and Fellowships

1. Dr. K.V.Rao Scientific Society, Young Scientist Award – Physics (2006)
2. ICCMP / IIP – Post Doctoral Fellowship (2009)
3. IUCF (NSF funded) Post Doctoral Fellowship (2007)
4. CSIR – Research Associate fellowship (2006)
5. CSIR – Senior Research Fellowship (2003)
6. DST – Junior Research Fellowship (1999)

## Experience

1. Assistant Professor ( Since June 2011)      GGV, Bilaspur
2. Research Professor ( 2010 – 2011)      Graphene Research Institute & Department of Physics,  
Sejong University, Seoul
3. Postdoctoral Fellow (2009-10)      International Institute of Physics, Natal / ICCMP, Brasilia, Brazil
4. Postdoctoral fellow ( 2007-2009)      Indiana University Cyclotron Facility, Bloomington, IN, USA
5. Research Associate(CSIR) (2006-2007)      UGC – DAE CSR, Indore center

## Latest Publications

1. Relaxation in bi-stable resistive states in chemical vapor grown graphene  
**G. R. Turpu**, M.Z.Iqbal, M.W.Iqbal, Sunae Seo and Jonghwa Eom, **Thin Solid Films** **522**, 468-472 (2012)
2. Effect of an electric field on superfluid helium scintillation produced by  $\alpha$ -particle sources, T.M.Ito, S.M.Clayton, J.Ramsey, M.Karcz, C-Y. Liu, J.C.Long, **T.G.Reddy**, and G.M.Seidel, **Phys.Rev. A** **85**, 042718 (2012)
3. EPR Spectroscopic studies in  $(30-x)\text{Li}_2\text{O} - x\text{K}_2\text{O} - 10\text{CdO} - 59\text{B}_2\text{O}_3 - 1\text{MnO}_2$  multi-component glass system, G.Padmaja, **G.R. Turpu** and P.Kistaiah, **Chemical Physics** **394**,17-20 (2012)
4. Experimental search for the electron electric dipole moment using solid state techniques, Y J Kim, C –Y Liu S K Lamaroux and **G. Reddy**, **J. Phys. Conf. Ser.** **312** 102009 (2011)
5. On the Electron Paramagnetic Resonance Studies in Mixed alkali borate glasses, G.Padmaja, **T. Goverdhan Reddy**, and P. Kistaiah, **AIP Conf. Proc.** **1391**, 544-546(2011)
6. Compositional dependence of optical absorption spectra in mixed alkali borate glasses”  
G.Padmaja, **G. R. Turpu** and P.Kistaiah, **Phil.Mag.Lett.** **91**, 97 (2011)
7. “Nanosize effects in Eu doped  $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$  perovskite”  
Roja Sree, S.K.Cholleti, S.G.Fard, Ch.G.Reddy, P.Y.Reddy, K.R.Reddy, and **G.R. Turpu**, **J.App.Phys**, **108**, 113917 (2010)