Navdeep Goyal

Professor
Department of Physics
Panjab University, Chandigarh 160014
Email: ngoyal@pu.ac.in
Phone: +91 172 2534451

List of Publications

1. Kumar, A., Singh, H., Gill, P.S., Goyal, N., The effect of doped Zinc on the structural properties of nano-crystalline $(Se_{0.8}Te_{0.2})_{100-x}Zn_x$ (2016) AIP Conference Proceedings, 1728.

2. Bharti, A., Bhardwaj, R., Agrawal, A.K., Goyal, N., Gautam, S.
   Monochromatic X-Ray Induced Novel Synthesis of Plasmonic Nanostructure for Photovoltaic Application(2016) Scientific Reports, 6
3. Murti, R., Tripathi, S.K., Goyal, N., Prakash, S.
   Random free energy barrier hopping model for ac conduction in chalcogenide glasses (2016) AIP Advances, 6 (3),

4. Chaudhary, N., Tripathi, S.K., Goyal, N.
   Optical coefficients and PL spectra with variation in Ga-content in GaSeTe thin films: Visible spectrum (2016) Journal of Nano- and Electronic Physics, 8 (3)

5. Bharti, A., Singh, S., Meena, V.K., Goyal, N.
   Structural Characterization of Silver-Hydroxyapatite Nanocomposite: A Bone Repair Biomaterial(2016) Materials Today: Proceedings, 3 (6), pp. 2113-2120.

6. Chaudhary, N., Prasad, K.N.N., Goyal, N.
   Pressure tolerant nanocrystalline Se_{85-x} Te_{15} Ga_x (x=0, 2, 6, 10, 15) semiconductor (2016) Materials Today: Proceedings, 3 (6), pp. 2347-2351.

7. Bharti, A., Singh, S., Singla, M.L., Goyal, N.
   Chemical phase analysis of seed mediated synthesized anisotropic silver nanoparticles (2015) AIP Conference Proceedings, 1675

8. Bharti, A., Singh, S., Meena, V.K., Goyal, N.
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10. Kanchan Sharma, Manohar Lal, V.K. Gumber, A. Kumar and N. Goyal, Effect of Composition on optical and thermoelectric properties of microstructured p-type $(Bi_2Te_3)_x(Sb_2Te_3)_{1-x}$ alloys, Journal of Nano- and Electronics Physics, 6(2014) 1007.

11. Sharma, K., Lal, M., Kumar, A., Goyal, N., Effect of Bi additive on electrical properties of chalcogenide $Se_{80}Te_{20}$ amorphous thin films, (2014) Journal of Ovonic Research, 10 (3), pp. 75-82.

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15. Kanchan Sharma, M. Lal, A. Kumar and N. Goyal, Investigations of optical constants and optical band gap for amorphous$Se_{70}Te_{30-x}$Sbx thin films, J. of Optoelectronics and Biomedical Materials, 6 (2014) 19.

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