

## Dr. Vidyalakshmi Yechuri

### PUBLICATIONS:

1. Nisha. B, Vidyalakshmi.Y.,Sirajunnisa Abdul Razack (2020). Enhanced formation of ruthenium oxide nanoparticles through green synthesis for highly efficient supercapacitor applications. *Advanced Powder Technology*.
2. Nisha, B., Vidyalakshmi, Y., Geetha, D., Ruhena Parveen, J., & Vinitha, G. (2019). Green synthesis, characterization of silver nanoparticles and their study on antibacterial activity and optical limiting behavior. *Applied Physics B*, 125(7).
3. Sathya, P., Vidyalakshmi, Y., Pugazhendhi, S., & Gopalakrishnan, R. (2016). Benzotriazole p-hydroxybenzoic acid: physicochemical and biological evaluation of an organic cocrystal. *Materials Research Innovations*, 21(3), 182–188.
4. Sesha Bamini, N., Vidyalakshmy, Y., Choedak, T., Kejalakshmy, N., Muthukrishnan, P., & Ancy, C. J. (2015). Synthesis, linear optical, non-linear optical, thermal and mechanical characterizations of dye-doped semi-organic NLO crystals. *Materials Research Express*, 2(6), 065010.
5. Swarna Sowmya, N., Sampathkrishnan, S., Vidyalakshmi, Y., Sudhahar, S., & Mohan Kumar, R. (2015). Synthesis, growth, structural, thermal and optical studies of pyrrolidinium-2-carboxylate-4-nitrophenol single crystals. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 145, 333–339.