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Area of Interest	NANOTECHNOLOGY
Membership in Professional Societies	
Publications : [National]	<ol style="list-style-type: none"> 1. Comparative Antimicrobial Activity of Phytofabricated Ag and Au Nanoparticles from <i>Ledebouria hydrabadensis</i> Rhizome using Various Methods, Sandupatla Raju, DongamantiAshok, Ch. Vinuthna, Indian Journal of Pharmaceutical Sciences, 82(5):851-860, 2020. 2. Composition dependence of the elastic moduli of mixed Cobalt-Zinc ferrites prepared by citrate precursor method, Ch. Vinuthna, Sandupatla Raju, D. Ravinder, Asian journal of chemistry, Vol 31. 2019. 3. Applications of Nanoparticles for MRI Cancer Diagnosis and Therapy, Kotteshylaja, Ch. Vinuthna, Dongamanti Ashok, International journal of research culture society, Second National Conference on Recent Advances in Applied Nano Materials, Special Issue – 8, 5-9, Feb – 2018.

Publications :
[International]

4. One-pot synthesis of imines by direct coupling of alcohols and amines over magnetically recoverable CdFe_2O_4 under solvent-free conditions, **Ch. Vinuthna**, Sandupatla Raju, D. Ravinder, *Materials Letters*, 302: 1-6, 2021.
5. Synthesis of $\text{Co}_{1-x}\text{Zn}_x\text{Fe}_2\text{O}_4$ and evaluation of structural, magnetic, antimicrobial properties of ZnFe_2O_4 , $\text{Co}_{0.6}\text{Zn}_{0.4}\text{Fe}_2\text{O}_4$ by citrate gel method calcined at 600°C , **Ch. Vinuthna**, Sandupatla Raju, C. Chandra Sekhar, D. Ravinder, *Russian journal of applied chemistry*, vol 91-2017.
6. Characterization of $\text{Co}_{1-x}\text{Zn}_x\text{Fe}_2\text{O}_4$ NanoSpinal Ferrites Prepared By Citrate Precursor Method, **Ch. Vinuthna**, D. Ravinder, R. Madhusudan Raju, *International Journal of Engineering Research and Applications*, Vol. 3, Issue 6, 654-660, 2013.
7. Synthesis, Characterization, and Antimicrobial activity of Cadmium substituted Copper ferrite nanoparticles by Citrate gel method, **Ch. Vinuthna**, Raju Sandupatla, R. Madhusudan Raju, *International journal of research culture society*, Special Issue –2, ISSN: 2456-6683, Nov – 2017
8. *Carchorus hirsutus* mediated Biosynthesis of TiO_2 Nanoparticles and their Haemolysis, Anticancer and Antimicrobial efficiency, Sandupatla Raju, **Vinuthna Ch**, Dongamanti Ashok, **Communicated**-Under Review with "Inorganic and Nanometal Chemistry" Article ID: LSRT-2021-0059.