

RAJEEV GANDHI MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY,
NANDYAL (AUTONOMOUS)

Department of chemistry

2016-2017

LIST OF ARTICLES IN WEB OF SCIENCE JOURNALS

1. **Karreddula Raja**, Akkili Suseelamma, Katreddi Hussain Reddy. "Synthesis, spectral properties and DNA binding and nuclease activity of lanthanide (III) complexes of 2-benzoylpyridine benzhydrazone: X-ray crystal structure, Hirshfeld studies and nitrate- π interactions of cerium(III) complex". *J. Chem. Sci.* 128, 23, **2016**.
2. **Karreddula Raja**, Akkili Suseelamma, Katreddi Hussain Reddy. "Synthesis, X-ray crystal structure, DNA binding and Nuclease activity of lanthanide(III) complexes 2-benzoyl pyridine acetylhydrazone". *J. Chem. Sci.*, 128, 1265, **2016**.
3. **Chandra Sekhar Espenti**, K. Madhusudana Rao, Krishna Rao KSV, Bio-synthesis and characterization of silver nanoparticles using Terminalia Chebula leaf extract and evaluation of its antimicrobial potential. *Materials Letters*, 174 129-133, **2016**.
4. **Chandra Sekhar Espenti**, K. Madhusudana Rao, Krishna Rao KSV, A green approach to synthesize controllable silver nanostructures from Limonia acidissima for inactivation of pathogenic bacteria, *Cogent Chemistry*. 2 1144296, **2016**.
5. **T.V. Surendra**, S.M. Roopan, M.A. Arasu, N.A. Al-Dhabi and M. Sridharan Phenolic compounds in drumstick peel for the evaluation of antibacterial, hemolytic and photocatalytic activities, *Journal of Photchemistry Photobiology B*, Vol. 161, pp. 463-471, **2016**.
6. **T.V. Surendra**, S.M. Roopan, M.A. Arasu, N.A. Al-Dhabi and G.M. Rayalu RSM optimized *Moringa oleifera* peel extract for green synthesis of *M. oleifera* capped palladium nanoparticles with antibacterial and hemolytic property, *Journal of Photchemistry Photobiology B*, Vol. 162, pp. 550-557, **2016**.
7. **T. V. Surendra**, S.M. Roopan, N.A. Al-Dhabi, M.A. Arasu, G. Sarkar and K. Suthindran Vegetable Peel Waste for the Production of ZnO Nanoparticles and its Toxicological Efficiency, Antifungal, Hemolytic, and Antibacterial Activities, *Nanoscale Research Letters*, Vol. 11, pp. 1-10, **2016**.
8. **T. V. Surendra**, and S.M. Roopan Photocatalytic and antibacterial properties of phytosynthesized CeO₂ NPs using *Moringa oleifera* peel extract, *Journal of Photchemistry Photobiology B*, Vol. 161, pp. 122-128, **2016**.