

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

Department of chemistry

LIST OF ARTICLES IN WEB OF SCIENCE JOURNALS

2016-17

1. Synthesis, X-ray crystal structure, DNA binding and Nuclease activity of lanthanide(III) complexes 2- benzoyl pyridine acetylhydrazone”. *J. Chem. Sci.* 2016, **128**, 1265. Impact Factor: 1.298
1. Mechanisms of bond cleavage during Mn oxide and UV degradation of glyphosate: Results from phosphate oxygen isotopes and molecular simulations. Jaisi DP, Li H, Wallace AF, Paudel P, Sun M, **Balakrishna A**, Lerch BN, *Journal of Agricultural and Food Chemistry*, 64 (45), pp 8474–8482 (**2016**) IF: 4.515.
3. Crystal structure, DNA binding and cleavage activity of butterfly-like 12- coordinate praseodymium(III) complex” *Inorganic, and Nano-Metal Chemistry*. Accepted on January 16 2017 DOI/[10.1080/24701556.2017.1284129](https://doi.org/10.1080/24701556.2017.1284129). Karreddula Raja, Akkili Suseelamma, Katreddi Hussain Reddy
4. Synthesis, X-ray crystal structure, DNA binding and Nuclease activity of lanthanide(III) complexes 2- benzoyl pyridine acetylhydrazone”. *J. Chem. Sci.* 2016, 128, 1265. DOI/10.1007/s12039-016-1125-x
Karreddula Raja, Akkili Suseelamma, Katreddi Hussain Reddy