

## APPENDIX-II

### List of research papers presented in seminars

1. "Synthesis, characterization and Single crystal X-Ray structure determination of novel deca-coordinate Samarium(III) complex" presented at national seminar on "ROLE OF CHEMISTRY IN ENERGY DEVELOPMENT AND ENVIRONMENTAL PROTECTION (RCEE-2014), Department of chemistry, S.V. University, Tirupati, held on 3-4 march 2014.
2. "Synthesis, characterization and Single crystal X-Ray structure determination of novel deca-coordinate Cerium(III) complex" presented at national seminar on RECENT ADVANCES IN PHARMA RESEARCH (RAPR-2014), Department of chemistry, S.K. University, Ananthapuramu, held on 14-15 march 2014.
3. "Synthesis, spectral properties DNA binding interactions and DNA cleavage studies of lanthanide (III) complexes of 2-formylpyridine benzoylhydrazone" presented at national seminar on CHEMISTRY FOR PHARMACEUTICAL, BIOLOGICAL, ENERGY AND ENVIRONMENTAL APPLICATIONS (NCPBEE-2015), Department of chemistry, Y.V. University, Kadapa, held on 19 march 2015.
4. "Synthesis, spectral properties DNA binding interactions and DNA cleavage studies of lanthanide (III) complexes of 2-acetylpyridine benzoylhydrazone" presented at national seminar on ADVANCED STUDIES ON POLYMERIC MATERIALS AND APPLICATIONS, Dept. of Polymer Science & Technology, S. K. University, Ananthapuramu, held on 14-15 March 2015.

## APPENDIX-I

List of Research papers published/ communicated

1. “Synthesis, spectral properties, DNA binding interactions and DNA cleavage studies of lanthanide (III) complexes of 2-acetylpyridine acetylhydrazone: the X-ray crystal structure of 10-coordinate Ce (III) and Sm (III) complexes”

**Karreddula Raja**, Akkili Suseelamma & Katreddi Hussain Reddy\*

*J. Iran. Chem. Soc.* (Springer) 2015, **12**, 1473.

2. “Synthesis, Characterization, DNA Binding and Nuclease Activity of Nickel(II) Complexes of Isonicotinoyl hydrazones”

Akkili Suseelamma, **Karreddula Raja** & Katreddi Hussain Reddy\*

*Asian j. Biochem. Pharm. Res.* 2015, **5**, 26

3. 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- $\pi$  interactions of cerium(III) complex  
(Revised in Journal of Chemical Sciences )