

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

Department of chemistry

**2019-2020**

**LIST OF ARTICLES IN WEB OF SCIENCE JOURNALS**

1. G. Sravya G. Suresh , Grigory V. Zyryanov , **A. Balakrishna**, K. Madhu Kumar Reddy, C. Suresh Reddy, C. Venkataramaiah, W. Rajendra and N. Bakthavatchala Reddy. A meglumine catalyst-based synthesis, molecular docking, and antioxidant studies of dihydropyrano[3, 2-b]chromenedione derivatives Volume 57, Issue 1, Pages 355-369, January **2020**.
2. **Chandra Sekhar Espenti**, AGR Krishna, YVR Reddy, “Green biosynthesis of ZnO nanomaterials and their anti-bacterial activity by using Moringa Oleifera Root aqueous extract” SN Applied Sciences, 2, Article number: 1424, **2020**.
3. AGR Krishna, **Chandra Sekhar Espenti**, YVR Reddy, A Obbu, MV Satyanarayana, “Green Synthesis of Silver Nanoparticles by Using Sansevieria Roxburghiana, Their Characterization and Antibacterial Activity” Journal of Inorganic and Organometallic Polymers and Materials, 30, 4155–4159, **2020**.
4. **Chandra Sekhar Espenti**, KSVK Rao, P Ramesh, AC Sekhar, KM Rao, “Role of plant phytochemicals and microbial enzymes in the biosynthesis of Silver Nano-Clusters (AgNCs) and investigation of DNA damage” IET Nanobiotechnology, Volume 14, Issue 6, p. 485 – 490, August **2020**.