



**Dr. S. Aravind M.Sc., Ph.D**  
Assistant Professor of Organic Chemistry  
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Dr. Aravind Seema obtained his M. Sc. (2004) from Osmania University and Ph. D (2011) under the Guidance of Dr. J. S. Yadav, in Synthetic Organic Chemistry from CSIR-IICT, Hyderabad, India. He worked as a Post Doctoral Research Fellow under the supervision of Prof. Goverdhan Mehta, at School of Chemistry, University of Hyderabad. He worked on the synthesis of biological active marine natural product Bryostatin and developed new synthetic methodologies on Prins-Cyclization reaction. He also worked as a Research Associate fellow at IICT, Hyderabad, India.

Dr. Aravind Seema joined Department of Chemistry, Osmania University, Hyderabad as an Assistant Professor in September 2013.

**Teaching Courses:** [M. Sc.] **102T:** Stereochemistry, Reaction mechanism-1, Conformational analysis, Heterocyclic compounds & Natural products. **104T:** Rotational, Vibrational and Raman spectroscopy (ASP-I). **202T:** Reaction mechanism-II, Reactive intermediates and molecular rearrangements. **301T:** Advanced NMR ( $^{13}\text{C}$  &  $^2\text{D}$  NMR). **302T:** Modern Organic Synthesis. **403T:** Advanced Heterocyclic Chemistry.

**Laboratory Courses:** [M. Sc.] Organic Chemistry: Techniques, Synthesis. Open ended lab.

**Interested Research Areas:** Medicinal Chemistry, Synthesis of Bioactive Natural Products & Development of Synthetic methodologies.