**Synthesis and characterization of Tin(lV) complex with**

**Methyl(morpholine-4-yl)propanoate**

Sarita Choudhary\*1, Varsha Goyal1

Department of Chemistry, IIS (deemed to be) University, Jaipur

Email: sarita23964@gmail.com

Organotins are the organometallic compounds and have been used as antifouling biocides for ships and fishing nets, agriculture fungicides, and rodent repellents. In the present work, we have synthesized new Michael adduct ,methyl (Morpholine-4-yl)propanoate by using morpholine and methyl acrylate and this ligand was characterized by IR, 1HNMR, 13CNMR. Further, metal chlorides of Sn(IV) such as SnCl4 was allowed for complexation with the synthesized ligand in equimolar ratio in CH2Cl2 at room tempetarure and the complex so obtained was characterized by IR, 1HNMR, 13CNMR and 119SnNMR.



**Scheme 1**



**Scheme 2**