

Synthesis, characterization and corrosion inhibition potential of two novel Schiff bases on mild steel in acidic medium

Archana Pandey^{a,*}, B. Singh^a, Chandrabhan Verma^{b,c}, Eno E. Ebenso^{b,c,*}

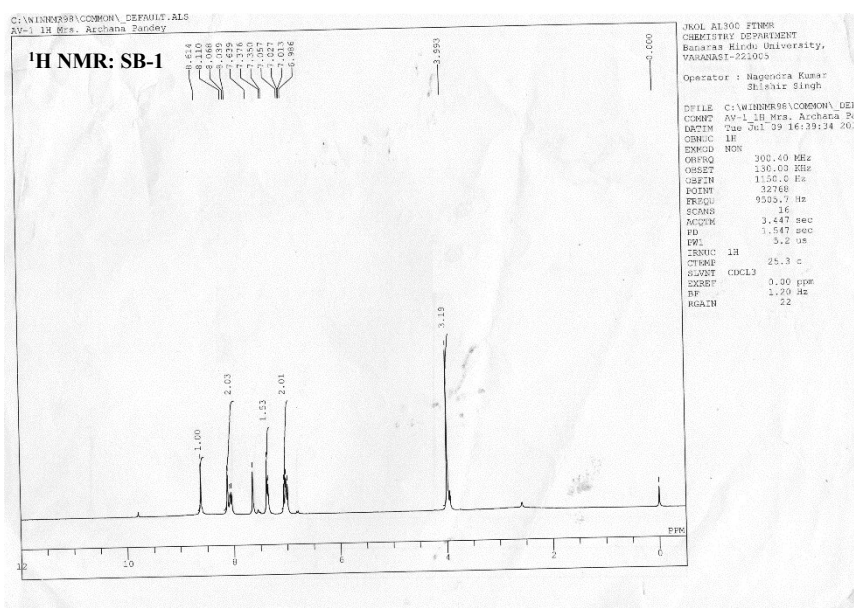
^aDepartment of Chemistry, Centre of Advance Study, Institute of Science, Banaras Hindu University, Varanasi- 221005, India.

^bDepartment of Chemistry, School of Chemical and Physical Sciences, Faculty of Natural and Agricultural Sciences, North-West University, Private Bag X2046, Mmabatho 2735, South Africa

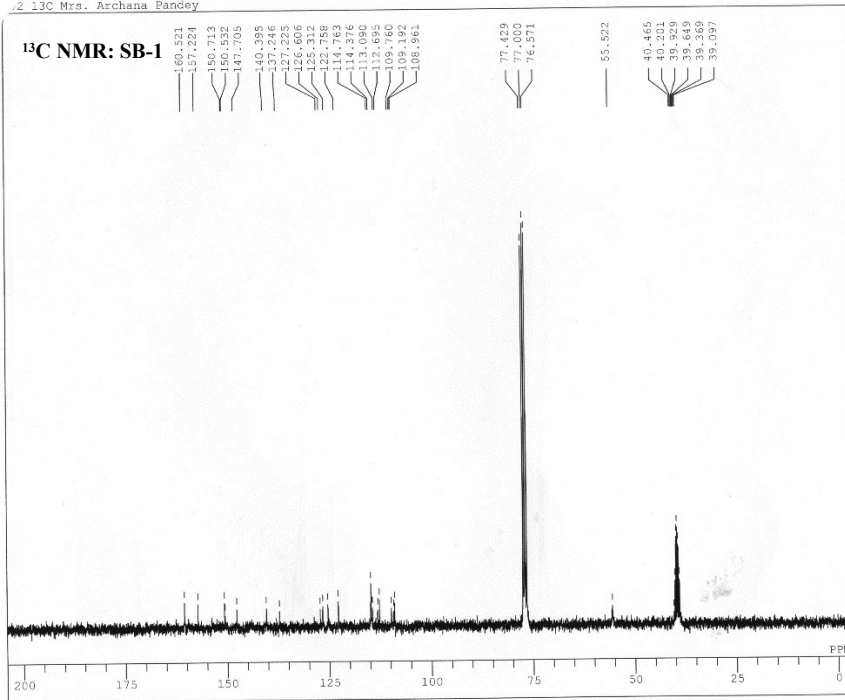
^cMaterial Science Innovation & Modelling (MaSIM) Research Focus Area, Faculty of Natural and Agricultural Sciences, North-West University, Private Bag X2046, Mmabatho 2735, South Africa

*Corresponding Authors: archana.pandey2504@gmail.com; Eno.Ebenso@nwu.ac.za

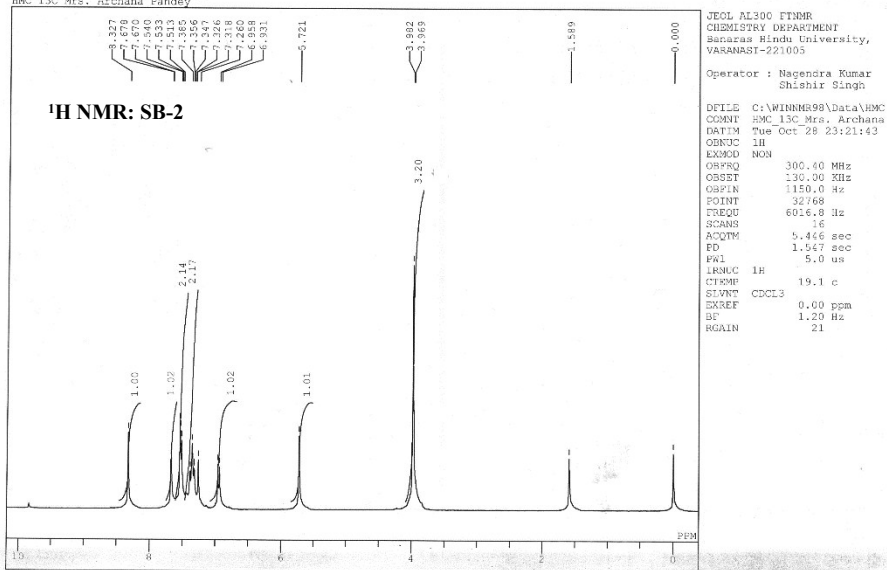
¹H and ¹³C NMR spectra of synthesized SBs:



W:\NMR98\Data\AV2_13C1BCM_E2.als
 2_13C Mrs. Archana Pandey



C:\WINNMR98\Data\HMC_13C2NON_E3.ALS
 HMC_13C Mrs. Archana Pandey



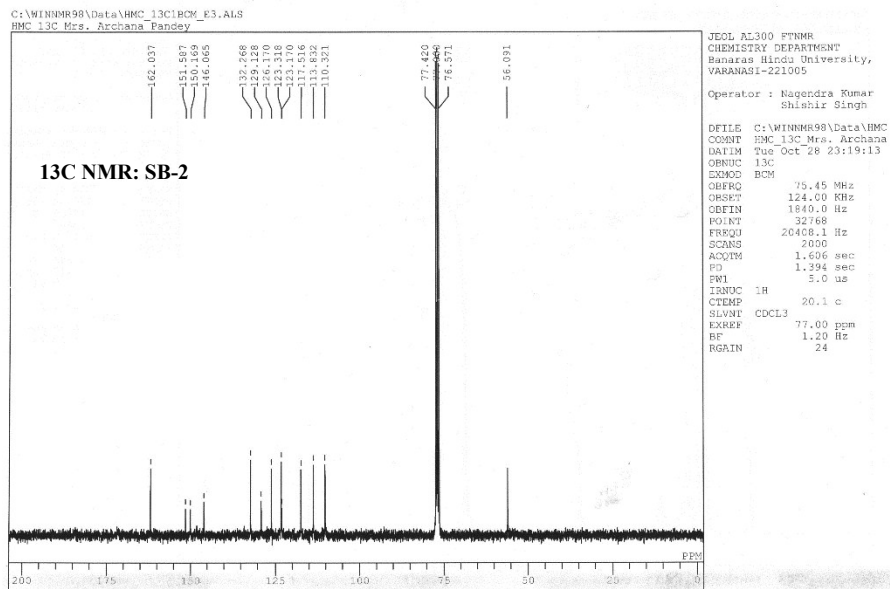


Fig. S1: ^1H and ^{13}C NMR spectra of synthesized SBs.