**ABSTRACT**

The novel synthetic methods of heterocyclic Schiff bases are attracting the science society through their potential bio and medicinal applications which motivated us to develop new quinoline Schiff bases using 2-amino-4(p-methylphenyl)-thiazole as starting precursor. All the newly synthesized Schiff bases by a simple condensation reaction are characterised and confirmed using FT-IR, 1 H-NMR, 13 C-NMR, Mass and CHNS elemental analysis techniques. Titled compounds are screened for their antibacterial activity against different Gram-positive and Gram-negative bacterial strains using disc dilution method. Among the synthesized compounds (2-amino-4(p-methyl phenyl)-thiozole and 8-methoxy and naphthyl substituted quinoline Schiff bases have shown remarkably enhanced activity against Escherichia coli, Salmonella typhi and Staphylococcus aureus. The minimum inhibition concentration (MIC) values observed from (25-32) µg/mL for three different bacterial strains.