**Abstract**

A biofilm is any group of microorganisms in which cells stick to each other on a surface and plant derived products or drugs have been used since time immemorial in health care for treatments of a variety of infectious diseases In this study, aqueous extract from different plants (*Azadirachta indica, atharanthus roseus, Tectona grandi*s) were investigated for antimicrobial activity. The microorganism tested were *Staphylococcus aureus, Bacillus subtilis,Pseudomonas aeruginosa.* All species showed some antimicrobial activity against *S. aureus, Pseudomonas aeruginosa* in 50 µl concentration, zone of inhibition (MIC) such as 28.2, 31, 35 mm. This study showed that these plant species could be useful sources for new antimicrobials.