

## ANTIMICROBIAL ACTIVITY OF *BUTEA MONOSPERMA* FLOWER EXTRACTS

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**ABSTRACT :** The present paper deals with the antimicrobial activity of flower extract of *Butea monosperma* at varying concentrations i.e. 5%, 10%, 15% and 20%. The antibacterial activity of aqueous and organic solvent extracts were studied by agar well diffusion method against *E. coli*, *Proteus vulgaris*, *Staphylococcus aureus*, *Bacillus subtilis*, *A. niger* and *A. flavus*. It was found that flower extract of *Butea monosperma* have more inhibitory effect on fungus as compare to bacterial strains. The maximum zone of inhibition (27mm) was observed against *A. niger* in diethyl ether extract at 10% concentration.

**Key words :** *Butea monosperma*, antimicrobial , well diffusion method.