

**In vitro studies on antimicrobial and antioxidant properties of indigenous medicinal plants –
Diplocyclos palmatus, *Ctenolopis garcinii*, and *Kedrostis rostrata*.**

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ABSTRACT

In general, most of the members of the family cucurbitaceae are well exploited for medicinal, economic and culinary values, however, there are certain less known members like *Diplocyclos palmatus*, *Ctenolopis garcinii* and *Kedrostis rostrata*. Ethanobotanical survey conducted in Cuddalore district of Tamil Nadu reveal that certain group of people uses the said plants as Expectorant and Anti-asthmatic especially in pediatric medicine. This paper deals with antibacterial and antioxidant potency of the said plants. Broad spectrum antibacterial efficacy was analysed and the results reveal that of the three plants *Kedrostis rostrata* shows appreciable antibacterial potency. Antioxidant property of the said plants were analysed using DPPH assay, Tocopherol was used as standard.