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# Investigation of analgesic activity of *Ptersospermum canescens*, Roxb., (Sterculiaceae) extracts in experimental animals

K.P.Jaiganesh<sup>\*1</sup>, G.Arunachalam<sup>2</sup>, C.K.Saritha<sup>3</sup>

<sup>\*1</sup>Division of Pharmacognosy & Phytochemistry Research Laboratory, Nehru College of Pharmacy, Pampady, Thiruvilwamala, Thrissur - 680 588, Kerala, India.

<sup>2</sup>PGP College of Pharmaceutical Science and Research Institute, Namakkal, Tamil Nadu, India.

<sup>3</sup>Amrita School of Pharmacy, Idapilly, Kochi, Kerala, India.

**Abstract** : Pain is an perception alone which does not require cortex. A lot of research is going on worldwide towards finding analgesic agents from the natural sources. The main aim of the present study was to investigate analgesic activity of petroleum ether, chloroform and methanol extracts (100 mg/kg, 200 mg/kg) of *Ptersospermum canescens*, Roxb., (Sterculiaceae- leaf, stem and stem bark) and was carried out by eddy's hot plate method using Indomethacin as standard (10 µg/kg). This present investigation reveals that the methanol leaf and stem bark extracts were exhibited significant ( $P < 0.05$ ) increase in animal reaction time to heat stimulus that at 200 mg/kg in experimental animals.

**Key words** : *Ptersospermum canescens*, Analgesic activity, Brewer's yeast, Thermometer, Indomethacin.

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