

**Analgesic and Anti-inflammatory activity of  
*Embelia ribes* Burm. F seeds in *Wistar albino* rats**

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*Embelia ribes* is a well reputed herb belonging to Myrsinaceae family and known as Vaivedangam in Siddha Medicine. The Siddha literatures mentioned the therapeutic effect of Vaivedangam seeds powder for vatha diseases, the analgesic and anti-inflammatory potency plays the major role in treating vatha diseases. Therefore, the objective of the study was to find out the effectiveness of analgesic and anti-inflammatory activity of seeds powder *Embelia ribes*. The analgesic and anti-inflammatory activity of Vaivedangam is not proved scientifically so far. Therefore this study was carried out in the pharmacological effects in wistar albino rats. In both of these studies nine Wistar albino rats were randomly divided into three groups each containing three animals and placed in separate clean cages and named as control, standard and test groups. The *Embelia ribes* seeds powder was used at a dose of 10 mg orally in aqueous form, for body weight of 250 g wistar albino rats. Diclofenac sodium and Brufen were used as standard drug for analgesic and anti-inflammatory study respectively. The analgesic study was done by hot water tail immersion method and anti-inflammatory study was done by cotton pellet granuloma method. In the analgesic studies the drugs were administered at the time of study and the recordings were taken every 30 minutes for first 1 hour and then it taken for every 1 hour for last 5 hours. In the anti-inflammatory study, the drugs were administered one hour prior to the commencement of the experiment and the drugs were administered for next six consecutive days after the implantation of cotton pellet and the cotton pellet was removed on 8th day. The result showed that the increase in the reaction time in analgesic activity and anti-inflammatory activity, there was inhibition ratio of granuloma weight. It was concluded that the test drug *Embelia ribes* seeds powder has shown significant analgesic and anti-inflammatory activity when compared with standard drugs.

**Keywords:** Anurans, Croplands, Natural enemies, Insects.