

**A  
DISSERTATION THESIS  
ENTITLED**

**“PHYTOCHEMICAL SCREENING OF *Datura inoxia* and *Datura metel*.”**

Submitted to  
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## ***ABSTRACT***

The aim of this work to study and compare the phytoconstituents are present in the two plant of Solanaceae family. *Datura metel* and *Datura innoxia* are known for their wide application in medicine. The selected plant samples like leaves, flower and stem. The Bioactive compounds were extracted by using Methanol, isoamyl alcohol, Ethyl acetate, Chloroform and Distilled water. The extract were subjected to Qualitative phytochemical screening using standard procedure. *Datura metel* and *Datura innoxia* gain important value as medicinal plant due to the presence of phytocompound like Alkaloids, phenols, flavonoids, tannins, steroids, protein and free amino acids. The Diversification of phytocompound found present suggested that *D. Metel* and *D. Innoxia* leaf, flower and stem could serve as source of useful medicine.