OBJECTIVE OF THE PRESENT WORK

- A cough medicine (or linctus, when in syrup form) is a medicinal drug used in an attempt to treat coughing and related conditions. For dry coughs, treatment with cough suppressants (antitussives) may be attempted to suppress the body's urge to cough. However, in productive coughs (coughs that produce phlegm), treatment is instead attempted with expectorants, in an attempt to loosen mucus from the respiratory tract.

- In market many types of allopathic and herbal preparation is available, but allopathic preparation causes many side effect like Guaifenesin typical side effects include nausea, vomiting, diarrhea, stomach pain, rash, headache and dizziness. In case of Dextromethorphan is a cough suppressant that works by affecting the part of the brain that causes you to cough. It is an ingredient in several Robitussin formulas, including Cough, Cough and Cold and DM. Side effects of dextromethorphan are include nausea, vomiting, constipation, mild drowsiness and mild dizziness. One more example like acetaminophen can cause severe liver damage. Symptoms of a dangerous overdose include jaundice (yellow eyes and skin), stomach pain in the upper abdomen, black or tar-like stools and sharp pain the back or side.

- The manufacturing of allopathic syrup is very difficult and expensive compare than an herbal cough syrup. Herbal cough syrup is a great alternative to over-the-counter medicines that can make you drowsy and giddy. The comprehensive cough remedy with advance performance relaxes chest muscles, eases breathing and induces a sense of well being.

Here described Herbal plant which is used in cough syrup this plants are follows:

- Ginger (Zinziber officinale)
- Tulsi (ocimum santcum)
- Jethimadh (glycyrrhiza glbra)
- Ardusi (Adhatoda vasaka)

- These four plants are used in cough syrup but till now no any combination syrup available in market. These plant causes anti tussive and expectorant activity proved by review literature and experiments.