PLAN OF WORK
1. Review of literature:
2. Procurement and Authentication of plant material
3. Extraction of Drug
4. Preliminary Phytochemical screening of various extracts
5. Screening for antiasthamatic and antioxidant activities

METHODOLOGY

Review of literature
This will be a continuous process from starting till the finalization of the work. The sources utilise will be Books, Standards like IP, USP, Extra Pharmacopeia WHO guidelines, Materia medica, standard books on traditional system of medicine etc., Journals including National and International, Patent, historically established and Internet.

Procurement and Authentication of plant material
Plant of *Vigna mungo* will be procured from the field and it will be authenticate from government institutes.

Determination of total phenol content
These are the simplest bioactive Phytochemicals that have a single substituted Phenolic ring. Total phenol content of seeds of plant will be determine by using Folinciocalteu method with a modification of Lako (Lako et al., 2007)

Extraction of Drug
The 1000 g seeds of drug will be broken into small pieces and extract successively with the following solvents in a Soxhlet Extractor. Aqueous extract will be prepared by using maceration.

a) Petroleum ether (60°C-80°C)

b) Ethanol (95%)

c) Water.

d) Supercritical Carbon dioxide extract

Preliminary phytochemical screening of various extracts
The crude extracts will be observed for presence of various Phytoconstituents by performing phytochemical tests.

Thin layer chromatography profile
The successive solvent extracts of black gram will be subjected for thin layer chromatography studies.
Pharmacological Screening:

1. Screening for antioxidant activities
2. Screening of crude extract of seeds of plant for its antiasthamatic activity