

DEPARTMENT OF PHARMACOGNOSY

Pharmacognosy is the study of medicines derived from natural sources. The American Society of Pharmacognosy defines Pharmacognosy as the study of the physical, chemical, biochemical and biological properties of drugs, drug substances or potential drugs or drug substances of natural origin as well as the search for new drugs from natural sources.

Department Staff:

Sr. No.	Name	Qualification	Designation
1.	Miss. Kadam Ravati Khandu	M. Pharmacy (Pharmacognosy and Phytochemistry)	Assistant Professor

Objective:

- To emphasize on standardization of herbal medicine with respect to its morphological, microscopical and preliminary phytochemical investigation.
- Formulation and standardization of herbal formulation.
- Isolation and characterization of Phytopharmaceuticals.

List of Major Equipment

Sr. No.	List of Major Equipment	Sr. No.	List of Major Equipment
1	Conical Percolator	20	Digital Balance
2	Oven	21	Soxhelt apparatus
3	Microscope compound	22	Digital Balance
4	Medical Microscope	23	Oven

5	Electrical Water Bath 6 holes	24	Cleavengar Apparatus
6	Centrifugal Machine	25	Heating Mantle
7	Medical Microscope	26	Digital camera Portable-DC5A
8	Heating Mantle	27	Copper water bath
9	Projection Microscope	28	Autoclave
10	Muffle Furnace	29	Stage Micrometer
11	U.V. Chamber	30	Heating Mantle
12	Heating mantle	31	Polarized Microscope Labline
13	Distillation unit	32	Electric water Bath 12 Holes Inner S.S. Thermostatics Labline
14	Zone Reader	33	U.V. Cabinet
15	Incinerator burner	34	Stage Micrometer
16	Moistuer Balance	35	Muffle Furnace
17	Lucus Moist chamber	36	Antibiotics Zone Reader

18	Stimulator	37	Digital Balance
19	Ocular micrometer	38	soxhelt apparatus

Department statistics:

- No. of Publications - 02
- No. of presentations – 02
- Various research papers were presented in National and International Conferences.

Ongoing Research Activities:

- Development & Evaluation of Polyherbal hair conditioner.
- Pharmacogenetic and Preliminary phytochemical investigation of phytopharmaceuticals.
- Investigation of anti-inflammatory, antimicrobial properties of herbal extracts.
- Novel drug delivery of herbal drugs.