

INDIAN BOTANICAL SOCIETY: MEERUT CHAPTER

PLANT CONSERVATION SOCIETY

BOTANY DEPARTMENT, R.G.(P.G)COLLEGE,MEERUT

VISION

Maintenance of medicinal plants in each kitchen garden of the city be considered as success symbol, "LET THE EARTH BE GREEN WITH LIFE EVERGREEN".

MISSION

The mission of Plant Conservation Society is as follows:

- To enhance public awareness regarding medicinal plants & herbal medication
- Identification of plants and understanding direct applicability of selected plants on human health
- Persuasion of general masses to cultivate, maintain, multiply & distribute them
- To make the people aware about saving these plants from extinction
- To save people from the side-effects of synthetic chemical treatments
- To establish the economic value of medicinal plants over other expensive treatments

STEPWISE PLAN TO ACHIEVE THE MISSION

Foundation stone of this society was laid by present **HOD & Organising Secretary Dr. Minu Gupta** in **May 2010** by joining Minor Research Project sanctioned by UGC and completing successfully in **Oct 2012**. **Prof. Y.Vimala Botany Dept. CCS University, Meerut, Chief editor of JIBS is the programme advisor of the society.**

- Seeds, plantlets, cuttings etc. of different valuable medicinal plants were collected from herbal gardens of various institutes and medicinal industries as well as from nurseries.
- **Maintenance of medicinal plant gallery** was done in the department.
- Organisation of exhibition & lectures was done to enhance awareness regarding medicinal significance of different plants.
- Students were persuaded to submit **e-assignments** regarding medicinal significance of different plants. Study of ethnomedicinal values & market products of various companies was done to know about the use of medicinal plants in those products.
- **Organisation of excursions** for biodiversity studies was done with reference to medicinal plants. e.g. Hastinapur, Mughal Garden, Delhi
- Those plants which can be easily maintained in pots and having direct applicability were selected and were multiplied to maintain a nursery in the Deptt.
- **Distribution of medicinal plants** will be done each year by student members & office bearers to initiate medicinal plant gallery in schools, colleges, social bodies & general community in the month of March & April. Propagation methods of these plants will also be explained. Certificates from these bodies will be maintained
- **Report of plantation** of these plants will be collected from these institutions after one year in the month of March & April
- Work done by the members during the two year programme will be assessed by the office bearers & certificates according to their qualifying category, such as, satisfactory, admirable & excellent, will be offered to them.
- **In future**, the society will function as a local chapter of the globally known "INDIAN BOTANICAL SOCIETY".

LIST OF PLANTS MAINTAINED IN MEDICINAL PLANT GALLERY

S.NO.	NAME OF PLANTS	COMMON NAME	PLANT PART USED	AILMENTS CURED
1.	<i>*Aloe vera</i> (Acanthaceae)	Gwarpatha	Leaf Pulp	Alopecia,Sun burn,Acne, Digestion
2.	<i>Acmellaoleracea</i> (Asteraceae)	Gorakhmundi	Flower	Toothache, Blood purifier
3.	<i>Adhatodavastica</i> (Acanthaceae)	Vasaka	Leaves	Chronic cough
4.	<i>Andrographispaniculata</i> (Acanthaceae)	Kalmegh	Leaves,stem	Liver problems
5.	<i>Annonasquamosa</i> (Annonaceae)	Sharifa	Leaves	Diabetes
6.	<i>Asparagus racemosus</i> (Liliaceae)	Sataver	Roots	Breast milk enhancement
7.	<i>*Bacopamonneri</i> (Scrophulariaceae)	Brahmi	Leaves,stem	Memory enhancer
8.	<i>Barlerialupulina</i> (Acanthaceae)	Kalabansa	Leaves	Chronic cough,Bronchitis
9.	<i>*Bryophyllumpinnatum</i> (Crassulaceae)	Dardmar	Leaves	Painful inflammation, Wound healing
10.	<i>Calotropisgigantia</i> (Asclepiadaceae)	Madar	Leaves,roots	Leaves -Paralysis Root-Asthma
11.	<i>*Catharanthusroseus</i> (Apocyanaceae)	Sadabahar	Leaves,flowers	Diabetes
12.	<i>Centellaasiatica</i> (Apiaceae)	Mandook-parni	Leaves	Brain-vitalizer
13.	<i>Cymbopogoncitratus</i> (Poaceae)	Lemon-grass	Leaves	Antioxidant,oral thrush in HIV/AIDS
14.	<i>Daturastramonium</i> (Solanaceae)	Dhatura	Leaves	Smoked for asthma
15.	<i>Elaeocarpusganitrus</i> (Elaeocarpaceae)	Rudraksha	Seeds	Epilepsy
16.	<i>Gingko biloba</i> (Gingkoaceae)	Gingko	Leaves	Alzheimer
17.	<i>Gymnemasyvestre</i> (Asclepiadaceae)	Gudmar	Leaves	Diabetes
18.	<i>Jatrophapodagrica</i> (Euphorbiaceae)	Jatropha	Seeds	Constipation
19.	<i>Nyctanthesarbortristis</i> (Oleaceae)	Harsingar	Leaves	Rheumatism,Arthritis
20.	<i>*Ocimum basilicum</i> (Lamiaceae)	Marwa	Leaves	Cancer, Diabetes & Cholesterol control
21.	<i>*Ocimum sanctum</i> (Lamiaceae)	Tulsi	Leaves	Fever,cold,cough
22.	<i>Plumbagozeylanica</i> (Plumbaginaceae)	Chitrak	Leaves	Laryngitis,liver,spleen ailments, digestion
23.	<i>Rauwolfiaserpentina</i> (Apocyanaceae)	Sarpagandha	Leaves	High B.P
24.	<i>Solanumdiphylum</i> (Solanaceae)	Night-shade	Seeds	Fracture,fever
25.	<i>*Stevia rebaudina</i> (Asteraceae)	Madhu-parni	Leaves	Zero calorie herbal sweetener
26.	<i>Terminaliaarjuna</i> (Combretaceae)	Arjun	Stem bark	Heart health
27.	<i>*Tinosporacordifolia</i> (Menispermaceae)	Giloe	Stem	Dengue,Immunity, Increasing blood platelet count
28.	<i>*Withaniasomnifera</i> (Solanaceae)	Ashwagandha	Leaves	Fat loss,balance ladies hormones, mental ailments
29.	<i>Cannabis sativa</i> (Cannabinacea)	Bhang	Leaves	Mood enlightenment
30.	<i>*Spilanthesmauritiana</i> (Asteraceae)	Akarkara	Flower	Toothache

31.	<i>Murrayakoenigii</i> (Rutaceae)	Curry-patta	Leaves	Cancer, Diabetes
32.	<i>Tylophoraindica</i> (Asclepiadaceae)	Antmoola	Leaves and root	Bronchitis,Chronic rhinitis

*Plants multiplied in nursery & distributed to schools,colleges,house,kitchen-garden

OFFICE BEARERS OF THE SOCIETY

Founder,OrganisingDr.MinuGupta,Msc.,

Secretary & Convener-M.Phil,Ph.D,FBS,CSIR,NET,

JRF& SRF, HOD Botany

Co-ordinator MSc..(S.F.)

Programme Advisor-Prof.Y.Vimala, Msc.,M.Phil,

Ph.D,FBS, FLS(London),

Chief Editor IBS,Prof. Botany

Deptt,CCS University campus,

Meerut

Programme Managers-Smt.NirlepKaur,Msc.,

M.Phil,SLET(Raj & Haryana),

Life member of IBS

-Dr.AmitaSharma,Msc.,

M.Phil,Ph.D,Life member of IBS

Joint Programme Manager-Dr.Geeta Singh,Msc.,Phd.

Temporary Lecturer Msc.(S.F)

Treasurer-Dr.Madhu Malik,Msc.,Phd.

TemporaryLecturerMsc. (S.F)

Members-22 Students of Msc.I(2012-13)

-2 Students of Bsc.II(2012-13)

