

Botany Department Report 2012-13

Departmental Activities

1) **Guest Lectures** Dr. Anuradha Upadhye on, Devarai in Western Ghats for B.sc. Botany students.

2) Educational visits

1) Ayurveda rasashala – Students of T. Y. B. Sc. Botany had visited Auyrved-rasashala, Karve Road, Pune 4. There they observed Auyrvedic medicine Preparation. e.g. Shatavari Kalpa, Kumari Asava, Adulasa syrup etc.

2) Seed Testing laboratory – T.Y. B. Sc. Botany students visited a seed testing laboratory at College of Agriculture, Shivajinagar, Pune-5.

3) F. Y. B. Sc. Students visited a poly-house, at College of Agriculture, Pune-5

4) For S.Y.B. Sc. Students a local visit to Plant bio-diversity park (Sipna farm) near Donaje phata was organized. Forty eight students had participated in the visit.

3) **Study Tours** – Study tour was organized to Bhmiasnkar for F.Y. B. Sc. And T. Y. B Sc. Students observed flora, fauna and medicinal plants in sanctuary.

4) Project Exhibitions

1) Botanical Rangoli competition was organized on 12th Jan.2013.

2) Science Exhibition -25 students had participated in various Seed Germination Model of poly-house, GM crops, Medicinal plants, etc.

Students Achievement

3) Students of T.Y.B. Sc. Participated in the one day workshop on Flower arrangement organized by H. V. Desai College jointly with B.C. U. D.

Botany Department Report 2013-14

DEPARTMENTAL ACTIVITIES

Study tour/ Local visit- Visit to poly-house and bio-fertilizer department was organized for F. Y. B. Sc. Students which is located at college of agriculture, Shivaji-nagar Pune- 4. Sixty five students had participated.

Ekebana Flower Arrangement workshop- Ekebana flower arrangement workshop was organized by the department in collaboration with Ekebana Society of India

Twenty five students had participated.

STAFF ACHIEVEMENTS

DR. Raval Prachi had attended National symposium on Bio-medicine unfolding the secrets from nature, held by institute of Bio-informatics and Bio-technology, University of Pune, on 10th and 11th Jan 2014.

Botany Department 2014-15

1) Guest Lecture :

Departmental Activities

Lecture was delivered by Dr. Vinaya Ghate Retd. Sci. E1 Agharkar Research institute on Floristics of Pune on 6th Jan.2015. Students of F. Y. B. Sc. appreciated it and participated in the discussion.

2) Local visits

1) The department has organized a local visit to Empress Garden. Students observed a flower show, bonsai exhibition, rose exhibition, Japanese miniature garden prepared by Botanical society of India.

2) The Department has organized a visit to poly-house college of Agriculture, Pune 4 students observed cultivation. They observed computerized micro-nutrient supply, ventilation system of poly-house.

3) The Department has also organized a visit to bio-fertilizer department. Students observed mass cultivation of Blue-green –algae, Azotobacter, Phosphate Solubilising bio-fertilizers.

3) Students achievements

- 1) Priyanka kadam and Vidya Bhande participated in Avishkar an inter-collegiate competition organized by Savitribai Phule university of Pune and Abasaheb Garware College, Pune 4. On "Phyto-remediation of municipal waste by using macro-phytes,"
- 2) Sharada Najan presented a poster in poster competition on Golden Rice-A GM Crop.
- 3) Varsha Deshmukh and Prathamesh Parab Presented a poster on single cell protein in science exhibition held at Modern college Ganeshkhind, Pune 16.

4) Staff Achievements

Paper presentation in conferences

1) RAVAL PRACHI-Fungal Diversity of fruits and vegetables markets of Pune . Abstract Pg.no. 28-29 Published in National Conference on Current prospects and challenges in Life Sciences (CPCLS-2013) on July 2013, New Arts, Comm. &Sci. College, Ahmednagar .

2) RAVAL PRACHI _Planning for environmental sensitive area:

A case study of Mahabaleshwar. A paper published in National seminar on: Immortal cities Past and Future concepts, changing morphology and sustainability, 23-24 April 2014 ISPER, Panchkula.

3) RAVAL PRACHI and Deshmukh Manali - Cultivation of *Pleurotus sajor-caju* on rice-husk. A paper in National conference on conservation of natural resources and bio-diversity for sustainable development (NCCRB) 4-6 Dec. 2014 Devrukh, Ratnagiri.

Work-shops attended

Raval Prachi –One-day work-shop on T.Y.B. Sc. Botany syllabus framing on 17 Jan . 2015 organised by Arts, Sci. Comm. College, Vidyanagari Baramati, Pune.