

# 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 Ayurved-rasashala, Karve Road, Pune 4. There they observed Ayurvedic 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 Bhimashankar 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.

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### 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 10<sup>th</sup> and 11<sup>th</sup> 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 6<sup>th</sup> 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 *Pleutotus 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 organized by Arts, Sci. Comm. College, Vidyanagari Baramati, Pune.

## **Botany Department Academic year 2015-2016 Annual Report**

### **Departmental Activity**

#### **1) Local visits**

The Department had organized a local visit to Okayama friendship park or P.L. Deshpande Garden for S.Y.B.Sc. students. Students studied flora of Garden and features of Japanese Garden.

#### **2) Students achievement**

I] **S.Y.B.Sc.** student had participated in **Intercollegiate** competition, 'BOTANICA' held at Nowrosajee Wadia college in Jan. 2016.

II] Fourteen students were participated in Science Exhibition held at Modern College, Ganeshkhind, Pune 16 . They presented a model and poster. Model on Ideal village

and Senapati Bapat Road - side trees was appreciated by the examiners.