



"Education for Knowledge, Science, and Culture"  
- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's  
**Vivekanand College, Kolhapur**  
**(Autonomous)**



## Seminar Presentation

Organized by

**Department of Botany**

On

**17<sup>th</sup> January 2019**

---

Seminar Presentation



Department of Botany



**Vivekanand College, Kolhapur (Autonomous)**

**Department of Botany**


**“Seminar Presentation of B. Sc.-III Students”**


**17<sup>th</sup> January 2019**

---

**Index**

<b>Sr. No.</b>	<b>Documents</b>	<b>Page No.</b>
1.	Notice	01
2.	Attendance	02-03
3.	Photos	04
4.	Evaluation Sheets	05-07
5.	PPT	08

  
**Head**  
Department of Botany  
Vivekanand College  
Kolhapur

  
**Principal**  
Vivekanand College, Kolhapur  
KOLHAPUR (AUTONOMOUS)



" Education for Knowledge, Science and Culture."

- Shikshanmaharshi Dr. Bapuji Salunkhe

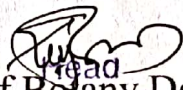
**Vivekanand College (Autonomous) ,  
Kolhapur.**

**Department of Botany**

**Notice**

**Date – 09/01/2019**

All the Students of B.Sc-III are here by informed that their Seminars are organized on 17/01/2019 on their selected topics.

  
(Head of Botany Department)  
Department of Botany  
Vivekanand College  
Kolhapur



" Education for Knowledge, Science and Culture."

- Shikshanmaharshi Dr. Bapuji Salunkhe

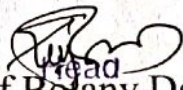
**Vivekanand College (Autonomous) ,  
Kolhapur.**

**Department of Botany**

**Notice**

**Date – 09/01/2019**

All the Students of B.Sc-III are here by informed that their Seminars are organized on 17/01/2019 on their selected topics.

  
(Head of Botany Department)  
Department of Botany  
Vivekanand College  
Kolhapur



22/11

**"Education for Knowledge, Science and Culture."**

– Shikshanmaharshi Dr. Bapuji Salunkhe

**Vivekanand College (Autonomous), Kolhapur.**

**Department of Botany  
B.Sc III – Practical No – IV  
(Power Point Presentation)**

Sr No	Roll No	Name of the Students	Title of Unit of PPT
1	8729	Pranali B. Patil	Plant Growth and Development
2	8730	Pooja Raju Bhalchim	Inflorescence
3	8731	Sneha Annasaheb Bhoi	Introduction of cell
4	8732	Sonal Ambaji Bhoi	Road side plant in Kolhapur
5	8733	priyanka dattarya patil	Study Of Bacteria
6	8734	Shweta Vasant Gaikwad	Plant Nutrition
7	8735	Aman Iqbal Gavandi	Lipid Metabolism
8	8736	Yogita V. Kale	Protein Synthesis
9	8737	Sharvari Bhikaji Katkar	Ethnobotany
10	8738	Shraddha Bajirao Khanvilkar	Meristematic tissues of plants, Classification and Development theories of Meristem
11	8739	Shubadha Vikas Mane	Plants and Pollution
12	8740	Sonali Ekanath Mane	Dyes plants
13	8741	Vidya Rajaram Mane	Ornamental Plants
14	8742	Pooja B Parit	Role of Bio-fertilizers
15	8743	Patil Shrutika Annaso	Genetic Engineering
16	8744	Vidya. B. Patil	Way to Enhance Natural Resistance against climatic change
17	8745	Vrushali Vikas Patil	Plant Tissue Culture
18	8746	Shubhashri S. Pharakate	Plant and diseases
19	8748	Mayuri Bangade	Medicinal plants

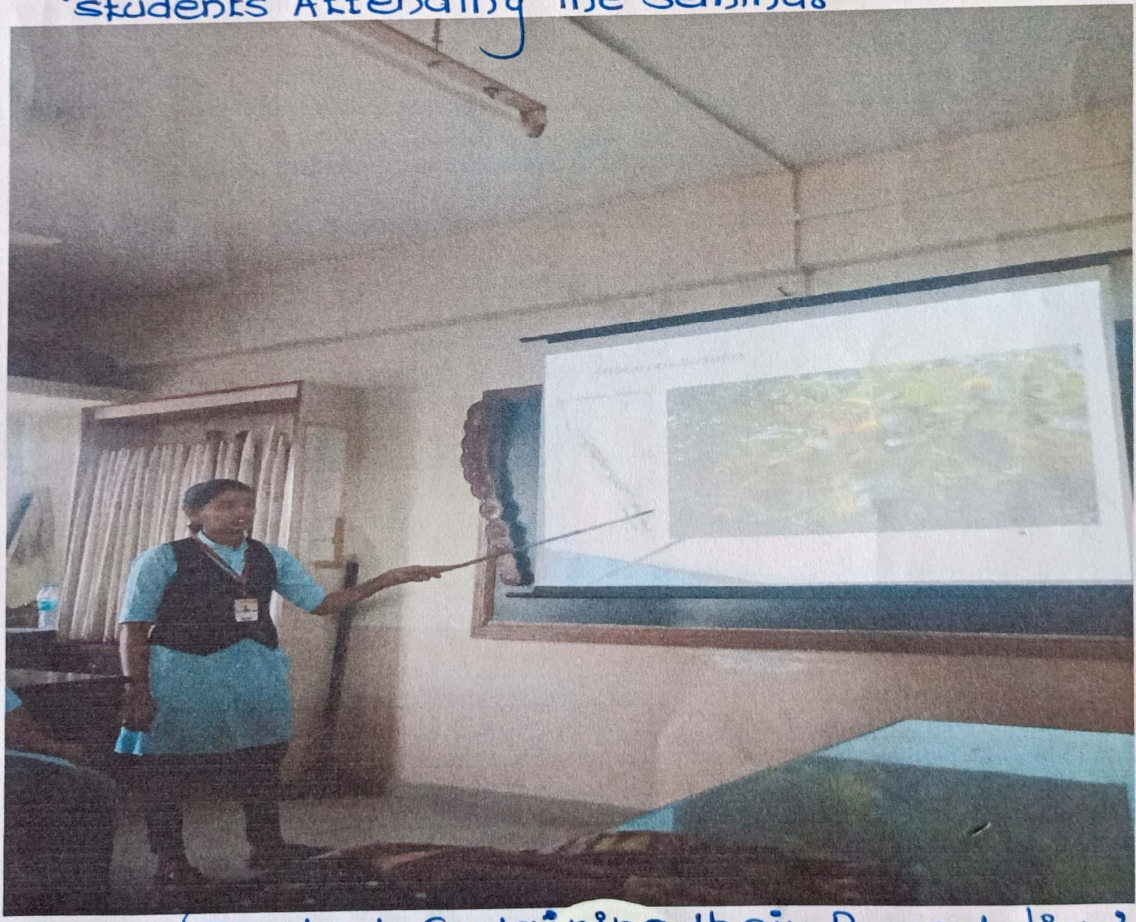


20	8749	Rutuja Rajaram Patil	Plant Anatomy of Primary Sturcture of Dicot stem
21	8750	Prajakta Ravindra Patil	Classification of Algae
22	8751	<u>Prithviraj Ajit Sarnobat</u> Sarnobat P. A	Phytogeographical regions of India
23	8752	Ankita Ashok Shelar	Nitrogen cycle
24	8753	Shete S. R	Secretory Tissue System in Plants
25	8754	Gayatri Bharat Sutar	Biostatistic
26	8755	Sutar S. L	Leaves – Forms and Structure
27	8756	Namrata Uday Sankpal	Fungi – Biological Diversity
28	8757	Shivani Vilas Power	Horticulture
29	8881	Sonali Power	Absent

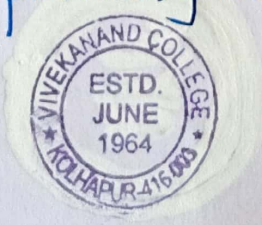




students Attending the Seminar



Student Explaining their Presentation



Vivekanand College (Autonomous), Kolhapur.

Department of Botany  
B.Sc III - Practical No - IV  
(Power Point Presentation)

Sr No	Roll No	Name of the Students	Title of Unit of PPT	Date	Sign of the Students	Teachers Remark
1	8729	Patil P.B	Plant growth & Development	17/1/19	<i>Patil</i>	A
2	8730	Bhalchim P. R	Inflorescence	17/1/19	<i>Bhalchim</i>	A
3	8731	Bhoi Sneha. A	Types of DNA	17/1/19	<i>Bhoi</i>	A
4	8732	Bhoi Sonal. A	Road side plants in Kolhapur	17-01-19	<i>Sonal Bhoi</i>	A <sup>++</sup>
5	8733	Patil P. D	study of bacteria types of	17-1-19	<i>Patil</i>	A
6	8734	Gaikwad S. V	plant nutrition	17-1-19	<i>Gaikwad</i>	A
7	8735	Gavandi A. I	Lipid metabolism	17-1-19	<i>Gavandi</i>	A <sup>+</sup>
8	8736	Kale Y. V	Protein Synthesis	19-01-019	<i>Kale</i>	B <sup>+</sup>
9	8737	Katkar S. B	Ethnobotany <del>Microbiology</del>	17/1/19	<i>Katkar</i>	A <sup>++</sup>
10	8738	Khanvilkar S. B	Meristematic tissues Classification & developmental theories.	17/1/19	<i>Khanvilkar</i>	A <sup>+</sup>

Teacher Incharge

1. Prof. S. A. Patil
2. Prof. S.B. Kuba!
3. Prof. S. P. Salokhe
4. Miss A. R. Alvikar

*[Handwritten signatures]*





Vivekanand College (Autonomous), Kolhapur.

Department of Botany  
B.Sc III - Practical No - IV  
(Power point presentation)

Sr No	Roll No	Name of the Students	Title of Unit of PPT	Date	Sign of the Students	Teachers Remark
1	8739	Mane S.V	Plants & Pollination	18-1-19	<i>Mane</i>	A
2	8740	Mane S. E	Dyes plants	18-1-19	<i>Mane</i>	A <sup>+</sup>
3	8741	Mane V. R	Ornamental plant	18-1-19	<i>Mane</i>	A
4	8742	Parit P. B	Sustainability & Role of biofertilizer	18-1-19	<i>Parit</i>	A
5	8743	Patil S. A	Genetic Engineering.	18-01-2019	<i>Patil</i>	A <sup>+</sup>
6	8744	Patil V. B.	Way to Enhance Resilience towards Climatic Change	18-01-19	<i>Patil</i>	A <sup>++</sup>
7	8745	Patil V.V	Plant tissue culture	18-01-19	<i>Patil</i>	A <sup>+</sup>
8	8746	Pharakate S. S	Plant & disease	18-01-19	<i>Pharakate</i>	A
9	8748	Pujari S. R	Endemic woody plant of western ghats.	18-01-19	<i>Pujari</i>	A <sup>+</sup>
10	8749	Bangade J. R	Medicinal plant	18-01-19	<i>Bangade</i>	A <sup>+</sup>

Teacher Incharge

1. Prof. S. A. Patil
2. Prof. S.B. Kubal
3. Prof. S. P. Salokhe
4. Miss A. R. Aivikar

*(Signatures of Prof. S. P. Salokhe and Miss A. R. Aivikar)*



"Education for Knowledge, Science and Culture."

- Shikshanmaharshi Dr. Bapuji Salunkhe

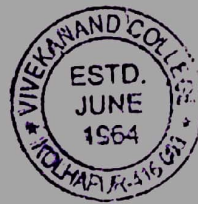
Vivekanand College (Autonomous), Kolhapur.

Department of Botany  
B.Sc III - Practical No - IV  
(Power Point Presentation)

Sr No	Roll No	Name of the Students	Title of Unit of PPT	Date	Sign of the Students	Teachers Remark
1	8749	Patil R. R	Plant anatomy	19-1-2019		A <sup>+</sup>
2	8750	Patil P. R	classification of algae	19-1-19		A
3	8751	Sarnobat P. A	Phytogeographical regions of India	19/1/19		A <sup>++</sup>
4	8752	Shelar A. A	Nitrogen cycle	19/1/19		A <sup>+</sup>
5	8753	Shete S. R	Secretory Tissue	19/1/19		A
6	8754	Sutar G. B	Biostatistics	19/1/19		A
7	8755	Sutar S. L	Study of leaves	19/1/19		A
8	8756	Sankpal N. U	Study of Fungi	19/1/19		A
9	8757	Powar S. V	Horticulture	19/1/19		A

Teacher Incharge

1. Prof. S. A. Patil
2. Prof. S.B. Kubal
3. Prof. S. P. Salokhe
4. Miss A. R. Alvikar



Education for Knowledge, Science and Culture.

- Shikshanmaharshi Dr. Bapuji Salunkhe

**Shri Swami Vivekanand Shikshan Sanstha's**

**Vivekanand College, Kolhapur ( Autonomous)**

**Department of Botany**

**Seminar Presentation of B.Sc.-III**


**17<sup>th</sup> January 2019**

---

**One Page Report**

Department of Botany, Vivekanand College, Kolhapur(Autonomous) has conducted seminar of B.Sc. III students on 17<sup>th</sup> January 2019. Students of B.Sc. III were actively participated and presented the seminar on various topic. Students presented their topics with the help of Power Point with full of study enthusiasm by referencing recent relevant literature. Seminar's not only give more confidence, but it will also assist students in refreshing their soft skills, which include problem-solving, communication, listening, and presentation abilities. Additionally, these abilities will come in extremely useful when you ultimately work for corporations.



  
Head  
Department of Botany  
Vivekanand College  
Kolhapur

Vivekanand College, Kolhapur (Autonomous)

Department of Botany

Seminar Presentation of B. Sc. III

Student Name- Vidya Rajaram Mane

Roll No.- 8741

## Ornamental Plants



### What is a Ornamental Plant?

- Ornamental plants are plants that are grown for decoration or decorative purpose in gardens and landscape design projects house plants for cut flowers and specimen display.
- These plants grab the attention of all due to their attractive color.
- Beautiful design and mesmerizing look.
- They can be displayed both indoor and outdoor for decoration.



## Classification of Ornamental Plants.

Ornamental plants are generally classified into two types.

### 1. FLOWERING PLANTS



### 2. NON-FLOWERING PLANTS



Ornamental plants are also categorized based on the life span.







### 1. Annual Ornamental plants



### 2. Biennial Ornamental plants



**6 Herbs That Are Ornamental and Medicinal**

<p><b>Lavender</b> (<i>Lavandula spp.</i>)</p> <p>Lavender is known for its purple blossoms and soothing scent. It can reduce depression and anxiety.</p> 	<p><b>Marigold</b> (<i>Tagetes erecta</i>)</p> <p>Marigold's flowers have a bright, orange yellow color and also protect the body against bacteria.</p> 	<p><b>Chicory</b> (<i>Cichorium intybus</i>)</p> <p>Aside from helping prevent liver damage, chicory has lovely bluish purple flowers.</p> 
<p><b>Jewelweed</b> (<i>Impatiens capensis</i>)</p> <p>Its cap shaped, bright orange flowers are a lovely addition to any garden. Jewelweed also soothes the skin.</p> 	<p><b>Yarrow</b> (<i>Achillea millefolium</i>)</p> <p>Yarrow flowers can reduce inflammation and grow in colors that range from white to yellow to bright pink.</p> 	<p><b>Fuchsia</b> (<i>Fuchsia spp.</i>)</p> <p>Fuchsia is known for the bright pinkish-purple color of its flowers and can assist in lowering blood pressure.</p> 

[www.herbazest.com](http://www.herbazest.com)



## Importance of Ornamental Plants-

- ❑ Ornamental Plants provide a cooling effect in the house.
- ❑ They are used to make perfumes, medicines, and dyes.
- ❑ They can be source of income in the family because growing of flowering and non- flowering ornamental plants.
- ❑ It is a thriving business in the cities and urban areas.

## Uses of Ornamental Plants-

- ❑ **Amazing Beauty-** Lavender, Jasmine and other aromatic ornamental flowers will give both aroma and attractive look.
- ❑ **Pleasing and calming atmosphere-** Garden with ornamental conifers, pines, or palms will give you a pleasing and calming atmosphere around us.
- ❑ **Ornamental plants cleans Air-** Ornamental plants that effectively cleans air that are Spider plant, golden pothos, peace lily and snake plant etc.
- ❑ **Prevents soil erosion-** Trees like pines, firs, willows, etc. are good for hillside gardens.

## Care for Ornamental Plants-

- ❑ **Best location-** Ornamental plants grown indoor, outdoor anywhere. We choose site free from plastic content, chemical free, and should free from construction material.
- ❑ **Soil for Ornamental Plants-** Ornamental plants don't grow well with poorly drained soils, these soils can cause plant diseases . We should not use the clayed soil.
- ❑ **Selection of suitable plants-** Select the ornamental plant depending on the local climate and rainfall duration.
- ❑ **Temperature for Ornamental Plants-** Ideal temperature for Ornamental plants is 25 to 35 degrees.



❑ **Plants for Concentration**-Nature Ornamental Plants bounded with aroma and beauty which believed that it will improve concentration.

❑ **Reduce Stress**- Many people believe that growing indoor plants in offices and home reduce the stress level and refresh them will their attractive appeal and smell.

❑ **Fertilizers for Ornamental Plants**-Ornamental plant fertilizers come in many forms liquid concentrates, water soluble crystals, slow release fertilizers etc. We can use any form of fertilizers for Ornamental plants.

❑ **Water requirements for Ornamental Plants**-Most of the Ornamental plants need medium watering requirements. Some plants like annuals, herbaceous perennials need more water than other ornamental plants.

❑ **Mulching for ornamental plants**- It helps to hold the moisture and prevents weed growth.

❑ **Weed Control**- Weeds in the landscape can be controlled mechanically or chemically.

❑ **Insect and Disease Management**- Landscape plants are attacked by a diverse and complex group of insects and diseases. Diagnosis of some insect and mite problems often requires close examination of plant.

❑ **Organic Matter**- Adding Organic Matter like Leaf mold, Natural Compost, Rich garden soil can help in healthy growth.



## Business in Ornamental Plants-

- Plant Nursery.
  - Import and export of rare varieties.
  - Use of plants in perfumes and cosmetics.
  - Use in food items.
  - For religious offering.
- 

Thank you

---

