

**SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS)**

**SION (WEST) MUMBAI: 400022**

**DEPARTMENT OF BOTANY**

**RUSA SPONSORED WORKSHOP REPORT**

**A. Title of the Workshop:** Skill-based Workshop on Organic Gardening

**B. Background:**

- Four days skill-based workshop on organic gardening was conducted.
- Mrs. Bhakti Khot (Proprietor, NuTreeGrow Consultants) was the resource person for the said workshop.
- Each day consisted of 45 minutes lecture session followed by 15 minutes question answers cum interaction and 2 hours hands-on training.
- Evaluation of the participants was done on the last day.
- Overall feedback was collected.


**C. Aims/Objectives:**

- To develop of hands-on skills among UG Botany students on organic kitchen gardening, microgreen cultivation, composting, medicinal plant cultivation, window gardening and organic control of pests and diseases.
- To motivate students towards using environment friendly practices required for plant cultivation in an urban set-up.
- To expose the participants towards career opportunities and consultancies in the field of organic gardening, for the development of entrepreneurial skills.

**D. Location:** Lab No. 2 Department of Botany, SIES College of Arts, Science & Commerce (Autonomous), Sion(W)

**E. Target audience/participants with expected number:** T. Y. B. Sc. (Applied Component – Horticulture and Gardening students). No. of Registered participants: 22

**F. Details of Sessions:**

  
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Sion (West), Mumbai - 400 022.





**Dr. Mahavir Gosavi**

**Head, Department of Botany**

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<b>Day</b>	<b>Content</b>	<b>Time</b>
1 <sup>st</sup> day	<b>Lecture session: <u>Organic Kitchen Gardening</u></b> <ul style="list-style-type: none"> <li>• Definition, Objectives of organic gardening</li> <li>• Organic gardening as consultancy and business</li> <li>• Organic kitchen gardening – Introduction, Need, Scope</li> <li>• Organic cultivation of plants in kitchen gardens at home-scale level</li> </ul>	45 mins
	<b>Interactive session:</b> Question-answers and query addressing session.	15 mins
	<b>Practical session:</b> Common practices and techniques used in Kitchen gardening, potting, repotting, transplanting of saplings, cutting, pruning, weeding, etc.	2 hours
2 <sup>nd</sup> day	<b>Lecture session: <u>Microgreen Cultivation</u></b> <ul style="list-style-type: none"> <li>• Microgreens as superfood – Introduction, Nutritional health benefits, Plants used</li> <li>• Organic cultivation of microgreens at home-scale level</li> </ul>	45 mins
	<b>Interactive session:</b> Question-answers and query addressing session.	15 mins
	<b>Practical session:</b> Common practices and techniques used in Microgreen cultivation	2 hours
3 <sup>rd</sup> day	<b>Lecture session: <u>Organic manures and fertilizers</u></b> <ul style="list-style-type: none"> <li>• Organic manure and fertilizers – Overview, Applications, Composting.</li> <li>• Organic control of pests and diseases – Overview and applications</li> </ul>	45 mins
	<b>Interactive session:</b> Question-answers and query addressing session.	15 mins
	<b>Practical session:</b> Preparation of compost and liquid manures useful for plant cultivation, Preparation of organic farm liquid to control pests and diseases at home-scale level.	2 hours
4 <sup>th</sup> day	<b>Lecture session: <u>Window Gardening &amp; Cultivation of medicinal herbs and ornamentals</u></b> <ul style="list-style-type: none"> <li>• Do's and don'ts of organic kitchen gardening</li> <li>• Do's and don'ts of Microgreen cultivations</li> <li>• Medicinal plants and their health benefits</li> <li>• Cultivation of medicinal herbs and ornamentals in window garden</li> </ul>	45 mins
	<b>Interactive session:</b> Question-answers and query addressing session.	15 mins
	<b>Practical session:</b> Organic cultivation of medicinal herbs at home-scale level, Growing ornamentals in window gardening	2 hours
<b>• Evaluation and feedback collection at the end of the course.</b>		

**G. Session and names of Resource Person:** Mrs. Bhakti Khot, 2<sup>nd</sup> to 5<sup>th</sup> March 2022 - One session of three hours each per day.

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## H. Outcome:

- The participants learnt about the definition, concept, need and scope of organic farming.
- They got exposure towards hands-on skill development for soil, composting, vermicomposting, etc.
- They were able to create their own kitchen garden, microgreens.
- They learnt to utilize environmentally friendly practices such as use of organic fertilizers, use of biological growth promoters and organic control for pests and diseases.
- They were able to differentiate between good and bad practices of organic fertilizer & pesticides use in farming.
- The participants were exposed to current trends and career opportunities in organic kitchen gardening & commercial production of Microgreens.

## WORKSHOP PHOTOGRAPHS



**Day 1: Inaugural Function**

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**Day 1: Introduction of the Resource Person**



**Day 1: Organic Kitchen Gardening – Lecture Session**

  
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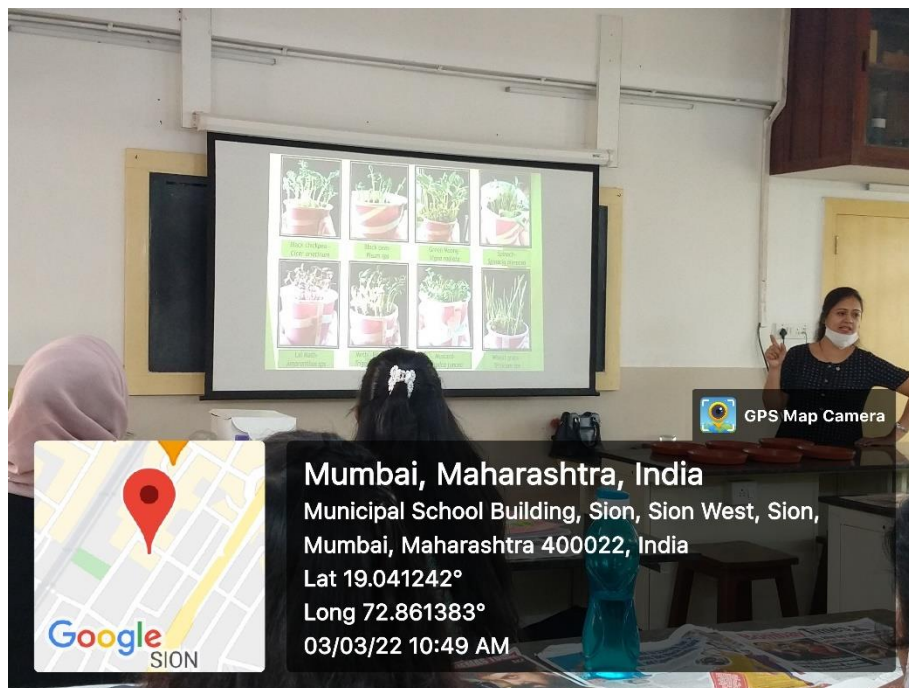
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**Day 1: Organic Kitchen Gardening – Practical Session**



**Day 2: Microgreen Cultivation – Lecture Session**

  
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**Day 2: Microgreen Cultivation – Practical Session**



**Day 3: Organic Manures and Fertilizers – Lecture Session**

  
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**Day 3: Organic Manures and Fertilizers – Practical Session**



**Day 4: Window Gardening & Cultivation of Herbs and Ornamentals – Lecture Session**

  
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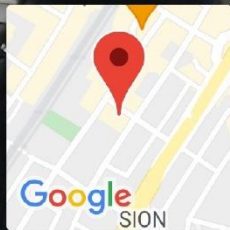
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**Mumbai, Maharashtra, India**  
Municipal School Building, Sion, Sion West, Sion,  
Mumbai, Maharashtra 400022, India  
Lat 19.041296°  
Long 72.861427°  
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**Day 4: Participants' Evaluation**



**Mumbai, Maharashtra, India**  
Municipal School Building, Sion, Sion West, Sion,  
Mumbai, Maharashtra 400022, India  
Lat 19.041256°  
Long 72.8614°  
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**Day 4: Feedback by the Participant**

  
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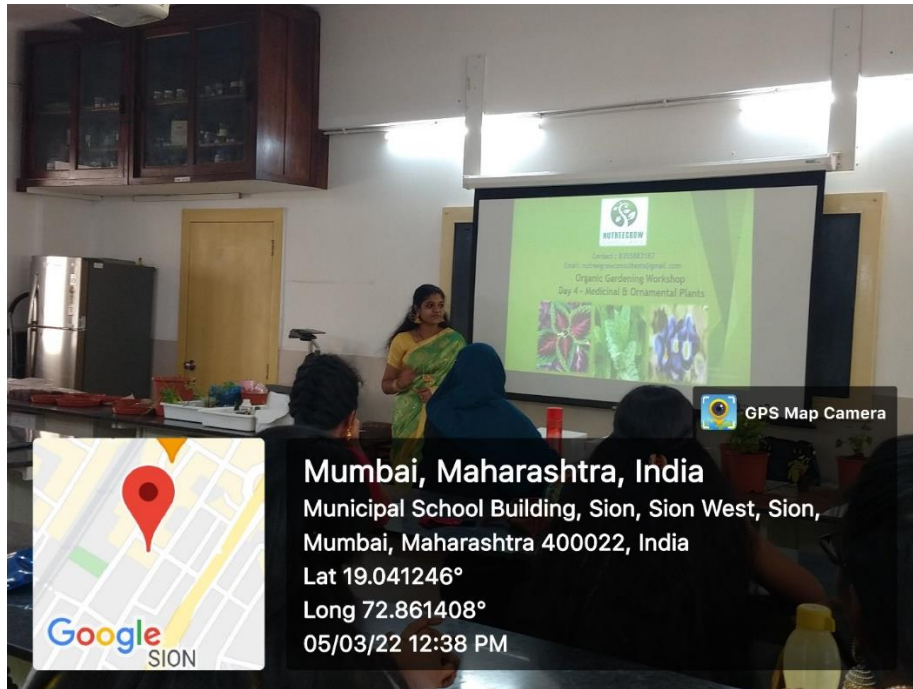
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**Day 4: Feedback by the Participant**



**Day 4: Valedictory Function**

  
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**Day 4: Certificate Distribution**

  
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