



SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR-12
RE-ACCREDITED WITH CGPA 3.38 AT 'A+' GRADE IN 4TH CYCLE NAAC BANGALORE NIRF RANKING-(2025)-151-200
Department of Botany and Green Club

organizes
one day workshop on

"Green Skills for Tomorrow: Plant Propagation & Nursery Practices"

13th October 2025

Monday at 11.00 am

Venue: Botany lab



Resource Person
Dr. Shubhangini V. Dangre
Dept of Agriculture
360 Research foundation



Highlights

- Learn plant propagation & nursery techniques
- Gain hands-on green skills for future careers
- Promote eco-friendly & sustainable practices
- Explore green entrepreneurship opportunities



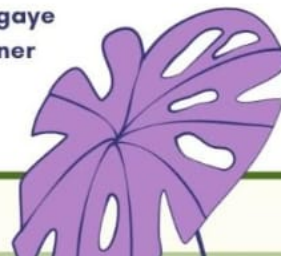
Dr. Reshma Sonwalkar
Convener

Dr. Rupali Mahakhode
HOD

Dr. Omraj S. Deshmukh
Principal

Dr. S.S. Deshmukh
Co-Convener

Dr.A.M.Katgaye
Co-Convener



S.S.E.S Amt's Science College, Congress Nagar, Nagpur

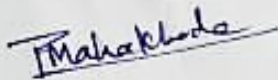
Department of Botany

NOTICE

The students of B.Sc and M. Sc are hereby informed that they should attend the "One day workshop on "Green Skill for Tomorrow: Plant propagation and Nursery Practices" (as a part of curriculum) will be organized on 13th October 2025.

Venue- Botany lab, Shivaji Science College, Congress Nagar, Nagpur.

Time: 11,00 am.



Head

Dr. R. H. Mahakhode
Associate Professor and Head
Department of Botany
S.S.E.S. Amt's Science College
Congress Nagar, Nagpur-12.



Convener

Dr. R. P. Sonwalkar

Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur

DEPARTMENT OF BOTANY

Session – 2025-2026

Report on

“Green Skill for Tomorrow: Plant Propagation and Nursery Practices”

The Department of Botany in collaboration with the Green Cell of Shri Shivaji Science College, Congress Nagar, Nagpur, organized a workshop on **“Green Skill for Tomorrow: Plant Propagation and Nursery Practices”** on 13th October 2025. The workshop aimed to develop practical skills and environmental awareness among students regarding plant propagation and sustainable nursery management practices.

Objectives of the Workshop

1. To create awareness among students about **green skills and sustainable agriculture practices**.
2. To provide **practical knowledge of plant propagation techniques** such as cutting, grafting, layering, and budding.
3. To train students in **nursery management and preparation of organic growing media**.
4. To encourage **skill-based learning and entrepreneurship opportunities** in plant nursery development.
5. To promote **environmental conservation and eco-friendly practices** among students.

The workshop featured **Dr. Shubhangini V. Dangre**, Centre Head, Department of Agriculture, **360 Research Foundation** (supported by **NITI Aayog**, Government of India), as the **Chief Guest and Resource Person**.

The program was organized and convened by **Dr. Reshma Sonwalkar**, who delivered the introductory address and highlighted the significance of green skill development for students in the context of environmental sustainability, entrepreneurship, and practical botanical learning.

During the technical session, **Dr. Shubhangini V. Dangre** delivered an informative and practical lecture on various **plant propagation techniques** such as cutting, layering, grafting, budding, and seed propagation. She also demonstrated the preparation of organic growing media and explained essential nursery management practices. The session was highly interactive and provided valuable hands-on exposure to students, enhancing their understanding of sustainable agriculture and green technologies.

The program was chaired by **Dr. O. S. Deshmukh**, Chairman of the institution, and conducted under the guidance of **Dr. R. H. Mahakhode**, Head of the Department of Botany. Faculty members **Dr. Sharayu Deshmukh** and **Dr. Anita Katgaye** actively supported the successful organization of the workshop.

The program was anchored and concluded with a vote of thanks by student **Himanshi Shiv**. A total of **60 students and faculty members** participated in the workshop. The event received an

enthusiastic response and provided participants with practical exposure to plant propagation techniques, nursery practices, and green skill development.



Welcoming of Guest and Resource Person Dr. Shubhangini Dangre by Dr. R.H, Mahakhode & Dr. Rashmi Urkude



Dr. Shubhangini Dangre Explaining Propagation Techniques



Vote of Thanks by Convener Dr. R.P.

Department of Botany & Green club
One day workshop on
Green skill for Tomorrow: Plant Propagation and
Nursery Practices

13 October 2025

Sr. No	Name of students	Class	Signature	
1.	Shreya Wankhede	BSc III		
2.	Tanvi Mandale	BSc III		
3.	Madhura Rajput	BSc III		
4.	Bhumi Mahajan	BSc III		
5.	Saugata Suthar)		
6.	Akanksha Zade			
7.	Gayatri Wagnare			
8.	Manisha Dehanekar			
9.	Dipesh Yadav			
10.	Sounya Yadav			
11.	Grishma Ghatule			
12.	Tanvi C. Wasake		BSC II	
13.	Prince S. Nagdeve		- " -	
14.	Dhananjay Kadwe		- " -	
15.	yug Rathod		BSC - I	
16.	Vansh. K. Jaiswal	BSC - I		
17.	mond sajid nusani	BSC - I		
18.	Rudeaksh R. Moon	BSc - I		
19.	Karan S. Jopark	BSc - I		
20.	Tannu M. Ghatke	BSc - I		
21.	Umesh H. Raut	BSc - II		
22.	Puchita S. mathankar	BSc - II		
23.	Himani R. Deskar.	BSc - II		
24.	Shital N. Bhagat	BSC - I yr		
25.	X. Pradnya Wadik	BSC III yr.		
26.	Avantika Soulewasar.	BSC III yr		
27.	Hemanshi Shiv	BSc II yr		
28.	Tanavi M. Mhaiskar	BSC II yr.		

29.	Aashi Kamesiya	BSC-II	<u>Aashi Kamesiya</u>
30.	Sanskriti Chauhan	BSC-II	<u>Sanskriti Chauhan</u>
31.	Priyanka Dudhabawase	BSC-I	<u>Priyanka</u>
32.	Rashika Chauhan	BSC-I	<u>Rashika Chauhan</u>
33.	Neha Labhane	BSC-I	<u>Neha</u>
34.	Neha Jaydev	BSC-I	<u>Neha Jaydev</u>
35.	Janhavi Jayant Chandankar	BSC-I	<u>Janhavi Jayant Chandankar</u>
36.	Manasvi Urande	BSC-I st	<u>Manasvi Urande</u>
37.	Mayuri Dhunde	BSC-I st	<u>Mayuri Dhunde</u>
38.	Jshika Khadse	BSC-I st	<u>Jshika Khadse</u>
39.	Toshika Bhute	BSC-I st	<u>Toshika Bhute</u>
40.	Sambuddhi Jadhav	BSC-I	<u>Sambuddhi Jadhav</u>
41.	Muskan Agrawal	BSC-I	<u>Muskan Agrawal</u>
42.	Ihara Dhik	BSC-I st	<u>Ihara Dhik</u>
43.	Shweta Fating	BSC-I st	<u>Shweta Fating</u>
44.	Shradha Bagale	BSC-I st	<u>Shradha Bagale</u>
45.	Yana Gaware	BSC-I st	<u>Yana Gaware</u>
46.	Prashansa Kohale	BSC-I st	<u>Prashansa Kohale</u>
47.	Alanksha Kadu	BSC-I st	<u>Alanksha Kadu</u>
48.	Sarika Raut	BSC-I st	<u>Sarika Raut</u>
49.	Maniksha Dharmik	BSC-I st	<u>Maniksha Dharmik</u>
50.	Kushi Chachare	BSC-I st	<u>Kushi Chachare</u>
51.	Nitesha Chauhan	BSC-I st	<u>Nitesha Chauhan</u>
52.	Harshika Sathe	BSC-I st	<u>Harshika Sathe</u>
53.	Ummati Rahangdale	BSC-I st	<u>Ummati Rahangdale</u>
54.	Swaranjali Wajbhaye	BSC-I st	<u>Swaranjali Wajbhaye</u>
55.	Krutika Borkar	BSC-I st	<u>Krutika Borkar</u>
56.	Sapna Meshram	BSC-2 nd year	<u>Sapna Meshram</u>
57.	Ravneet Kaur	BSC-2 nd year	<u>Ravneet Kaur</u>
58.	Prabudha Dhande	BSC 1 st year	<u>Prabudha Dhande</u>

Action Taken Report

Based on the feedback received from participants and the learning outcomes of the workshop “Green Skill for Tomorrow: Plant Propagation and Nursery Practices”, several initiatives were undertaken by the Department of Botany. The plant propagation techniques such as cutting, layering, grafting, budding, and seed propagation demonstrated during the workshop were incorporated into the regular practical sessions of B.Sc. and M.Sc. Botany students to enhance their skill-based learning. Students were encouraged to apply the techniques by propagating ornamental and medicinal plants, and a small demonstration nursery was initiated in the department for academic and training purposes. They also practiced the preparation of organic growing media and potting mixtures using eco-friendly materials, which helped them understand sustainable nursery management practices. The propagated plants were further utilized for campus plantation activities, contributing to the development of a green and eco-friendly campus environment. In addition, students were motivated to explore nursery management as a potential entrepreneurial opportunity. Considering the positive response and interest shown by students, the department also planned to organize more workshops, hands-on training programs, and field visits related to plant propagation, organic farming, and sustainable horticulture in the future.



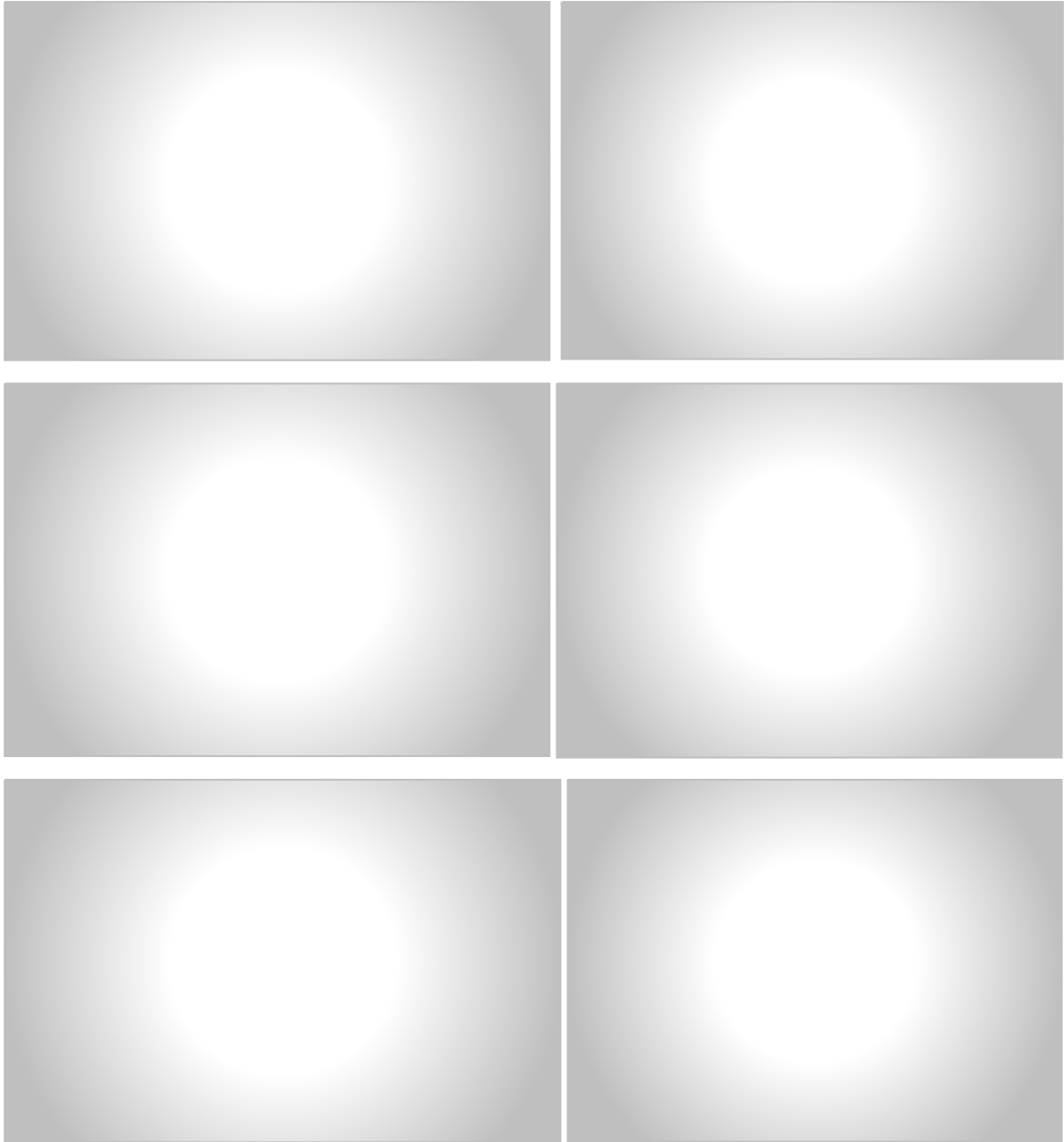
Dr. O. S. Deshmukh
Principal & Convener
Principal
S.S.E.S. Amravati's
Science College, Nagpur



Convener

Feedback Questionnaires

1. Did the workshop improve your understanding of ethnobotany and its role in traditional medicine?
 - Strongly Agree
 - Agree
 - Neutral
 - Disagree
2. How well were the traditional uses of Indian medicinal plants explained during the workshop?
 - Excellent
 - Good
 - Average
 - Poor
3. Did the workshop help you understand the phytochemical properties of medicinal plants?
 - Strongly Agree
 - Agree
 - Neutral
 - Disagree
4. Were the examples of Indian medicinal plants relevant and informative?
 - Highly Informative
 - Informative
 - Moderately Informative
 - Not Informative
5. Did the workshop connect traditional ethnobotanical knowledge with modern scientific research?
 - Very Effectively
 - Effectively
 - Moderately
 - Not Effectively
6. How useful was the workshop for your academic or research interest in medicinal plants?
 - Very Useful
 - Useful
 - Somewhat Useful
 - Not Useful



Convener

Signature of IQAC Co-ordinator
IQAC Coordinator
S.S.E.S.A's
Science College, Nagpur



Signature of Principal
Principal
S.S.E.S. Amravati's
Science College, Nagpu.

