

Shri Shivaji Education Society Amravati's

Science College, Congress Nagar, Nagpur

Department of Botany

SESSION – 2024-2025

**Report on One-Day Workshop On “HERBARIUM (Chitaley)
TECHNIQUE”**

One-day workshop on herbarium techniques was conducted by Department of Botany on [24/02/2025] at [Botany Lab]. The workshop aimed to educate participants on the scientific methods of plant collection, preservation, and documentation for herbarium preparation.

Objectives

- To introduce participants to the importance of herbaria in botanical research.
- To provide hands-on training in plant collection and pressing techniques.
- To demonstrate the proper methods of labelling and storing herbarium specimens.
- To highlight the significance of herbarium specimens in biodiversity conservation.

The workshop was inaugurated by Hon'ble Principal Dr. O.S. Deshmukh appreciated to Department of Botany. Chief guest Dr. Nirankush Khubalkar Former Head, Department of Botany, LAD. College Nagpur and Dr. Bhaurao Gaikwad Former Associate Professor, Department of Botany, Institute of Science, Nagpur has demonstrated all steps such as plant collection, oil impression, pressing, preservation and documentation.

Head of the Botany Department Respected Prof. Punita Tiwari also guided this workshop will provide you with valuable insights and practical skills that you can apply in various fields such as botany, ecology, pharmacology, and environmental science.

Convener of this Workshop Dr. A. M. Katgaye, Coordinator Dr. R H. Mahakhode, Dr. S.S. Deshmukh and Dr. R.P. Sonwalkar, Member Mr. Tinku Kumar Rajput, Mr. Piyush Sharma, Ms. Shruti Agrawal, Ms. Aishwarya Zure and Mr. Swpanil Fuse. Supporting staff Mr. Prashant, Mr. Shivam and Mr. Aniket with their cooperation the activity has been successfully implemented and making programme grand success.

Total **53** students were actively participated in this workshop. The herbarium technique workshop provided valuable insights and hands-on experience for participants.

Feedback link <https://forms.gle/7y8o23xsfTcaiwT47>



Shri Shivaji Education Society Amravati's

SCIENCE COLLEGE

Congress Nagar, Nagpur - 440012 (M.S.) India
Accredited With CGPA Of 3.51 At 'A+' Grade.



DEPARTMENT OF BOTANY

Organizing
**ONE-DAY WORKSHOP ON
HERBARIUM (CHITALE) /
TECHNIQUE**

Resource Person

Dr. Nirankush Khubalkar &

Dr. Bhaurao Gaikwad

Herbarium Experts

Chairperson

Dr. O. S. Deshmukh

Principal

Organizer

Prof. P. S. Tiwari

Head, Department of Botany

Convener

Dr. Anita M. Katgaye

Assistant professor

Members

Dr. R. H. Mahakhode | Dr. S. S. Deshmukh | Dr. R. P. Sonwalkar
Ms. Shruti Agarwal | Ms. Aishwarya Zure | Dr. Tinku Kumar |
Mr. Piyushkumar Sharma | Mr. Swapnil Fuse



Objective:

The workshop aims to teach students essential herbarium techniques, including plant collection, pressing, drying, and mounting. It will also introduce them to plant taxonomy and the importance of herbariums in scientific research.



Scope

Students will learn the complete process of herbarium specimen preparation along with techniques for proper identification, classification, and storage of plant samples.



Hands-on Training

Students will engage in practical exercises, including field collection, plant pressing, and specimen mounting, to develop their skills in botanical documentation and specimen preservation.



Date : 24/02/2025 | Time : 10:00 am
Venue : B.Sc. Lab, Department of Botany.

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

Notice

Date -22-02-2025

All the students of B.Sc. I, II, III and M.Sc. - I and II year are hereby informed that, department of Botany will be organizing "**One Day Workshop on Herbarium (Chitale) Technique**". All are requested to attend this workshop.

Event Date: **24/02/2025**

Time: **09:30am**

Venue: **Botany Lab.**


Convener

Dr. A. M. Katgaye
Assistant/Associate Professor
Department of Botany
S.S.E.S.Amt's Science College,
Congress Nagar, Nagpur.


Prof & Head

Dr. P.S.Tiwari
Professor and Head
Department of Botany,
SSES Amt's Science College,
Congress Nagar, Nagpur-12


Principal

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



Chief Guest felicitated by Memento and Sapling



Herbarium Expert Dr. N. Khubalkar and Dr. B. Gaikawad demonstrate a technique



A. Katgaye
Convener

Dr. A.M. Katgaye
Assistant Professor
Department of Botany
SSES Amt's Science College,
Congress Nagar, Nagpur-12.

P. Tiwari
Head of Department

Dr. P.S. Tiwari
Professor and Head
Department of Botany,
SSES Amt's Science College,
Congress Nagar, Nagpur-12

SSES Amt's Science College Congress Nagar, Nagpur.

Department of Botany

One day workshop on Herbarium (Chitale) Technique

Student Attendance Sheet

Date- 24-02-2025

Sr. No.	Name of Student	Class	Signature
1.	Mugdha Purushottam Gole	I st year	<u>Mgole</u>
2.	Tejashree Mule	I st year	<u>Mule</u>
3.	Saishya Guralwar	I st year	S.N <u>Guralwar</u>
4.	Khushboo Choubey	I st year	<u>K</u>
5.	Janhavi Mhaiskar	I st year	<u>Mhaiskar</u>
6.	Vedakshi Lahane	I st year	<u>Vlahane</u>
7.	Vaishnavi Kondalkar	I st year	<u>Vkondalkar</u>
8.	Hemanshi Shiv	I st year	<u>Hshiv</u>
9.	Jamni Wasake	I st year	<u>Jwasake</u>
10.	Ishita Madame	I st year	<u>Ishita</u>
11.	Srushti Marape	I st year	<u>Smarape</u>
12.	Nutan yedme	I st year	<u>Nyedme</u>
13.	Sanskrupti O. Chavhan	1 st year	<u>Schavhan</u>
14.	Harshali .V. Thaware	1 st year	<u>Hthaware</u>
15.	Shravani R. Raut	1 st yr.	<u>SRaut</u>
16.	Samiksha P. Tirpuole	1 st year	<u>Sptirpuole</u>
17.	Tannu M. Ghatke	1 st year	<u>Tghatke</u>
18.	Umesha H. Raut	1 st year	<u>Uraut</u>
19.	Sejal R. Bordkar	2 nd year	<u>Sejal</u>
20.	Akanksha S. Zade.	2 nd yr	<u>A.s.zade</u>
21.	Gajyatri T. Nagpuse	2 nd yr	<u>Gnagpuse</u>

Sr. No.	Name of Student	Class	Signature
22.	Shreya. Gunwant. Kalambe	III rd Yr	Shreyah.
23.	Chaitali. Sandeep. Patil	M.Sc. II nd yr.	Patil
24.	Avanti Anirudha Zadgaonkar	III rd yr.	
25.	Devyani Ratnakar Walke	BSc. III rd yr	Devyani
26.	Sanika Vilas Raut	BSc III rd year	Sanika
27.	Ruchita S. mathankar	BSc I. year.	Mathankar.
28.	Himani R. Deskar.	BSC I year	Deskar.
29.	Prerna D. Paliwal	MSc-I year	Paliwal.
30.	Kalyani C. Shahare	MSc-I year	Kalyani
31.	Pooja S. Dharpure	MSc-I year	Pooja.
32.	Anushka A. Khare	MSc-I year	Anushka.
33.	Janki. H. Kayarkar	MSc-I	Janki
34.	Sanjay S. Salpute.	BSc-II	Salpute
35.	Madhuri. D. Guemuli	BSc- II	Guemuli
36.	Riya. V. Singh	BSc- II	Rsingh.
37.	Madhura. C. Rajput	BSc-II	Madhu.
38.	Tarini. B. Mandale.	BSc-II nd	Mandale
39.	Falguni. Shivhare	BBC I st	Falguni.
40.	Kamini. Funne	MSc I st	Funne
41.	Pradnya Wasnik	BSc-II yr	Wasnik.
42.	Arantika Somkuwar	BSc-II yr	Somkuwar.

Sr.No.	Name of Student	Class	Signature
43.	Sangita Suthar	Bsc - II ^{yr}	<i>Sangita</i>
44.	Manisha dehanhar	Bsc - II ^{yr}	<i>Manisha</i>
45.	Shreya Wankhede	BSc II	<i>Shreya</i>
46.	Soumya Yadav	BSc II	<i>Soumya</i>
47.	Mohak. Dolauki	BSC II	<i>Mohak</i>
48.	Rishika chachada	BSC I st	<i>Rishika</i>
49.	Rutuja Waghmare	BSC I st	<i>R. Waghmare</i>
50.	Saloni Jaiswal	Bsc III rd yr	<i>Saloni</i>
51.	Ekta Kasekar	Bsc III rd yr	<i>Ekta</i>
52.	Sheerani Khundare	Bsc I st yr	<i>S. V. K.</i>
53.	Tarupti Buroande	Bsc I st yr	<i>T. Buroande</i>

Katgaye

Convenor

Dr. A. M. Katgaye

Assistant Professor
Department of Botany
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Congress Nagar, Nagpur-12.

P. Tiwari

Head of Department

Dr. P.S. Tiwari

Professor and Head
Department of Botany,
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Congress Nagar, Nagpur-12

पुण्य नगरी

शिवाजी सायन्समध्ये झाली हर्बेरियम तंत्रज्ञान कार्यशाळा



पुण्य नगरी / प्रतिनिधी

नागपूर : शिवाजी शिक्षण संस्था अमरावतीद्वारा संचालित, शिवाजी सायन्स कॉलेज, काँग्रे सनगर येथे सोमवारी (ता.२४) एकदिवसीय हर्बेरियम तंत्रज्ञान कार्यशाळा घेण्यात आली. महाविद्यालयाचे प्राचार्य डॉ. ओमराज देशमुख यांच्या मार्गदर्शनात वनस्पतिशास्त्र विभागात ही कार्यशाळा पार पडली. यावेळी प्रमुखतः मार्गदर्शक डॉ. निरंकुश खुबाळकर व डॉ. भाऊराव गायकवाड यांनी चितळे हर्बेरियमसंदर्भात विद्यार्थ्यांना माहिती दिली.

त्यांनी सांगितले की, ही एक शास्त्रीय पद्धती आहे, ज्याद्वारे वनस्पतींची विशिष्ट पद्धतीने सुकवलेली आणि दस्तऐवजीकरण केलेली वनस्पती संग्रहित केल्या जाते. ही पद्धत संशोधक, पर्यावरणशास्त्र आणि वनस्पतिशास्त्रासाठी

अत्यंत उपयोगी आहे. यावेळी त्यांनी वैज्ञानिक वर्गीकरण करण्याच्या तंत्रावर विद्यार्थ्यांना सविस्तर माहिती दिली. कार्यशाळेत स्नातक, स्नातकोत्तर विद्यार्थी आणि संशोधकांनी सहभाग घेतला. प्राचार्य डॉ. ओमराज देशमुख यांनी अशा कार्यशाळा विद्यार्थ्यांना कौशल्य संपादित करून त्यांचे भविष्य उज्ज्वल करण्यास नक्कीच महत्त्वपूर्ण ठरतील, असा विश्वास व्यक्त केला. कार्यशाळेचे आयोजन वनस्पतिशास्त्र विभागप्रमुख डॉ. पुनिता तिवारी यांनी तर नियोजन डॉ. अनीता काटगाये यांनी केले. संचालन मधुरा राजपूत यांनी तर आभार हिमांशी शिव यांनी मानले.

कार्यशाळेच्या यशस्वितेसाठी डॉ. रूपाली महाखोडे, डॉ. शरयू देशमुख, डॉ. रेश्मा सोनवलकर, पीयूष शर्मा, टिंकू कुमार, ऐश्वर्या झुरे, श्रुती अग्रवाल, स्वप्निल फुसे यांनी परिश्रम घेतले.

Nagpur Edition

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ACTION TAKEN REPORT

On February 24, 2025, the Department of Botany has successfully conducted a one-day workshop on "**Herbarium (Chitaley) Techniques**," organized by convener of workshop Dr. Anita M. Katgaye. The workshop featured Dr. Nirankush Khubalkar and Dr. Bhaurao Gaikwad as the resource person, whose expertise greatly enriched the session. Sir has demonstrated on various key topics covered herbarium preparation including such as plant collection, oil impression, pressing, drying, mounting, labelling and storage techniques. Participants were actively engaged including hands-on practice and group discussions, which facilitated a deeper understanding of the subject matter. The workshop received positive feedback from students, who appreciated the hands-on experience and practical insights provided. This initiative significantly enhanced the students' practical skills and knowledge in herbarium techniques, contributing to their overall academic and professional growth. Total **53** students participated in workshop. A herbarium is a collection of preserved plant specimens used for research, education, and conservation. To enhance knowledge and skills in herbarium techniques, a workshop was conducted to provide hands-on experience in plant collection, preservation, and documentation.

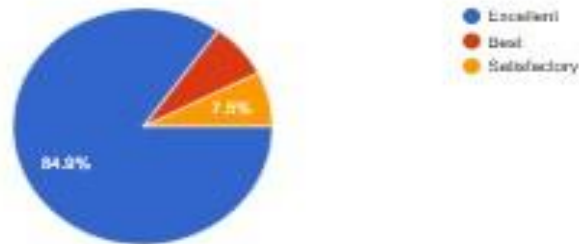
Conclusion

The one-day workshop successfully provided an in-depth understanding of herbarium techniques. It equipped participants with the skills necessary for effective plant specimen preservation. The event concluded with a feedback session, where attendees expressed appreciation for the hands-on experience and valuable insights gained. e- Certificates of participation were getting to all attendees.

1. How satisfied were you with the workshop ?

[Copy chart](#)

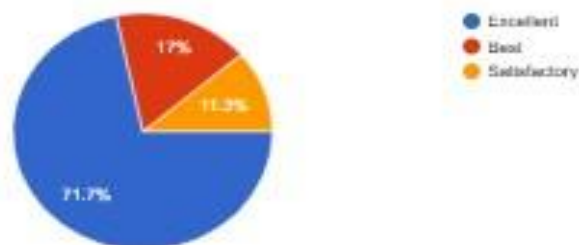
52 responses



2. How would you rate the effectiveness of the workshop delivery ?

[Copy chart](#)

52 responses



3. How confident are you in applying the skills or knowledge gained from this workshop to real-life situations?

[Copy chart](#)

52 responses





Katgaye

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