

SHIVAJI SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR

DEPARTMENT OF BOTANY

Inauguration of 'Amritvatika' and launch of 'Shivaji Organics'

12 March 2025

REPORT

The Department of Botany, Science College, Congress Nagar, Nagpur, successfully organized the grand inauguration and launch of Amrut Vatika and Shivaji Organics on March 12, 2025. The event was held at the Knowledge Resource Centre (Library) and was followed by a garden visit. The initiative aimed to promote sustainable agricultural practices and environmental awareness. The primary objectives of launching Amrut Vatika and Shivaji Organics were to establish an educational botanical garden showcasing diverse plant species, promote organic and eco-friendly Agro-fertilizers, encourage sustainable farming methods through organic waste management, and raise awareness about the importance of medicinal plants, hydroponics, and soil-less farming. The event commenced at 2:00 PM with the arrival of the esteemed guests. The lighting of the traditional lamp marked the auspicious beginning, followed by a floral welcome ceremony. Convener Dr. Reshma P. Sonwalkar delivered an introductory speech emphasizing the vision and mission behind the initiative. This was followed by the digital inauguration of Amrut Vatika and the official launch of Shivaji Organics. Under the 'Shivaji Organics' initiative, the production of biofertilizers was inaugurated, featuring two key products. 'Grow Max' (Liquid Biofertilizer), developed under the guidance of Dr. Reshma Sonwalkar and Mr. Piyushkumar Sharma, is an eco-friendly fertilizer created by repurposing onion and garlic peels, mixed fruit and vegetable peels, and banana peels. 'Azolla Biofertilizer,' developed under the guidance of Swapnil Fuse, Aishwarya Zure, and Piyushkumar Sharma, enhances soil fertility and promotes sustainable agriculture. Additionally, a hydroponics unit and Mushroom cultivation was established under the Guidance of Dr. R.H. Mahakhode to demonstrate soil-less plant growth techniques, promoting water-efficient farming. Mushroom cultivation was introduced as an entrepreneurial initiative, allowing students to gain hands-on experience in sustainable food production. A structured herbarium preparation initiative was also undertaken to

document plant specimens scientifically, providing an academic resource for botanical studies and research.

During the event, the book 'Amritvatika,' authored by Dr. Reshma Sonwalkar, Dr. Tinku Kumar, and Mr. Piyushkumar Sharma, was unveiled by the chief guests. Two significant initiatives were also launched: the 'Fossil Depository' (Jivashm Dalan), which includes a collection of ancient fossils useful for geology and biology research, and 'Campus Tree Flora' (Parisar Vriksha Sampada), which documents and conserves tree species found on campus.. The event also featured the unveiling of the fossil depository and campus tree flora. Guest of Honor Prof. Nitin Dongarwar sir shared his insights on the significance of botanical conservation and organic farming. Prof. Punita Tiwari addressed the audience with a few words of encouragement. The Chief Guest, Dr. Kalpana Pandey, delivered an inspiring speech on the role of sustainable practices in modern agriculture. Principal Dr. O. S. Deshmukh then delivered the presidential speech, emphasizing the college's commitment to environmental conservation and innovative agricultural solutions.

The 'Amritvatika' project was developed on the rooftop garden of the college under the guidance of Dr. Reshma Sonwalkar and B.Sc. Semester-I students. This unique initiative consists of over 100 plants covering more than 50 different plant families, including 45+ medicinal plants. It also features Xerophytes, spices, ornamental plants, hydrophytes, and plants categorized based on zodiac signs and planetary influences. Each plant has a QR code providing details such as common name, botanical name, family, and medicinal uses. Faculty members and media personnel appreciated the efforts of students after an extensive observation of the project.

The event was excellently anchored by Himanshi Shiv, and a vote of thanks was delivered by Ms. Aishwarya Zure.

Action Taken:

To enhance awareness and training, students were provided hands-on sessions on rooftop gardening, hydroponics, biofertilizer preparation, and mushroom cultivation. QR code tagging for plant identification was successfully implemented, and organic fertilizers

were tested in the college gardens and nearby agricultural lands. The fossil depository, campus tree documentation, and herbarium collection were also established as valuable academic resources.



Signature of Teacher

Dr. R.P.Sonwalkar
Convener



Prof. P.S.Tiwari

HOD

HEAD
DEPARTMENT OF BOTANY
SHRI SHIVAJI EDUCATION SOCIETY
AMRAVATI'S SCIENCE COLLEGE
CONGRESS NAGAR, NAGPUR

Feedback Form:
DEPARTMENT OF BOTANY

Inauguration of 'Amritvatika' and 'Shivaji Organics'

Email *

Valid email

This form is collecting emails. [Change settings](#)

Full Name *

Short answer text

Class *

Short answer text

Mobile no. *

Short answer text

1. How would you rate the content quality of the event? *

- Excellent
- Better
- Good

2. How relevant do you find the projects for research and development? *

- Excellent
- Better
- Good

3. How would you rate the practical implementation? *

- Excellent
- Better
- Good

4. How was the overall event organization? *

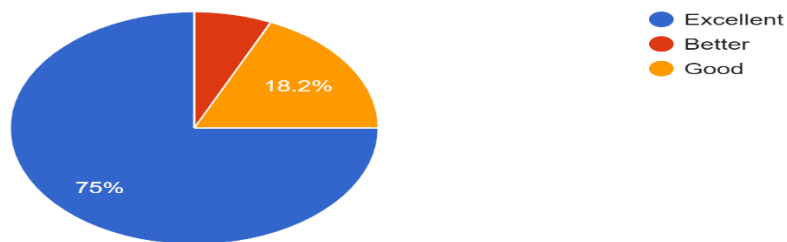
- Excellent
- Better
- Good

Feedback and Analysis:

A feedback form was distributed among attendees, including students, faculty members, and guests. The responses were analysed, with the following observations:

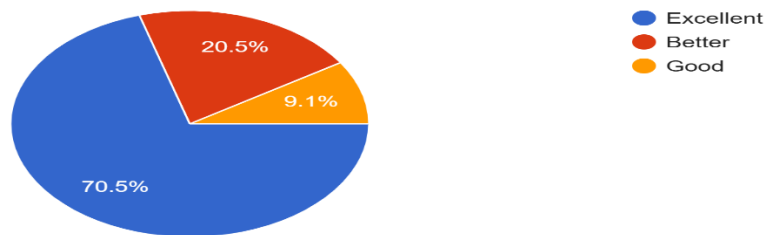
1. How would you rate the content quality of the event?

44 responses



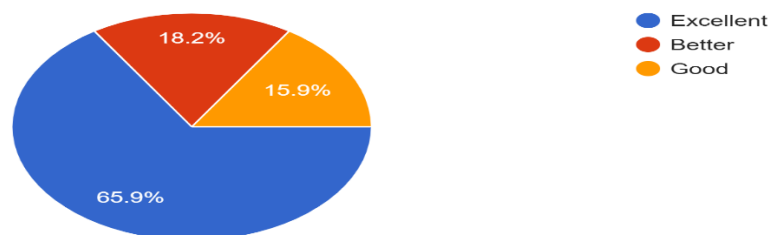
2. How relevant do you find the projects for research and development?

44 responses



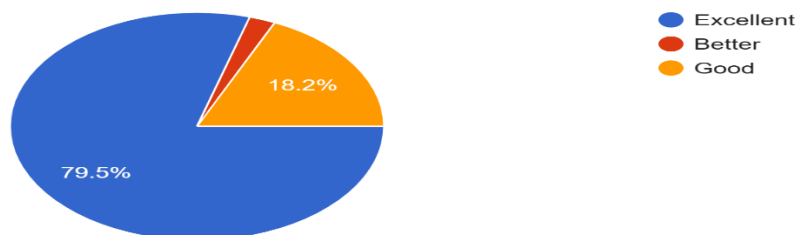
3. How would you rate the practical implementation?

44 responses



4. How was the overall event organization?

44 responses



1	Full Name	Class	1. How well	2. How fast	3. How would	4. How well
2	Reshma	.	Excellent	Excellent	Excellent	Excellent
3	Aarchi Sanodiya	Bsc Semester 2	Excellent	Excellent	Excellent	Excellent
4	Trupti Burande	Bsc 1st year botany	Excellent	Excellent	Excellent	Excellent
5	Piyushkumar Rajendra S -		Excellent	Excellent	Excellent	Excellent
6	Sapna harish mishra	1st year sem 2	Excellent	Excellent	Excellent	Excellent
7	Vaishnavi Kondalkar	B. Sc sem 2	Good	Good	Good	Good
8	Shravani Raut	1st year	Excellent	Better	Excellent	Excellent
9	Mansi balle	Bsc 1st year	Good	Good	Better	Good
10	Saisha Guralwar	BSC 1st year	Good	Excellent	Good	Excellent
11	Avantika Somkuwar	Bsc sem 4	Excellent	Excellent	Excellent	Excellent
12	Samiksha Pralhad Tirpu	BSC 1st year	Good	Excellent	Better	Excellent
13	Rajshree Parmanand Ko	M.Sc.Botany Final Year	Better	Good	Excellent	Excellent
14	Bhupendra Tikaram Kurr	Staff	Excellent	Excellent	Excellent	Excellent
15	Pradnya wasnik	2 year cbm	Excellent	Excellent	Excellent	Excellent
16	Prince Shrikant Nagdeve	Bsc 1st year	Excellent	Excellent	Excellent	Excellent
17	Gayatri Tejram Uikey	Bsc 3 rd year (sem -6)	Good	Better	Excellent	Excellent
18	Umasha Hiralal Raut	Bsc. 1 year Botany	Excellent	Excellent	Excellent	Excellent
19	Nishant Pachori	BSC 1 YEAR	Excellent	Excellent	Excellent	Excellent
20	Payal Shivramji Dharpun	M.Sc. 1st year	Excellent	Better	Good	Excellent
21	Bhumika Mahesh Gour	BSC 1st year	Excellent	Better	Good	Good
22	Janhvi Hemant Kayarkar	Msc sem 2	Excellent	Excellent	Better	Excellent
23	KALYANI VINAYAK KAR	MSC 1st year botany	Excellent	Excellent	Excellent	Excellent
24	Vedakshi lahane	Botany 1 year	Excellent	Excellent	Excellent	Excellent
25	Aishwarya pramod baml	M.sc 2nd yr	Excellent	Excellent	Excellent	Good
26	Dr, Anita M. Katgaye	Teacher	Excellent	Excellent	Better	Excellent
27	Rishika chachada	Bsc 1st year	Excellent	Excellent	Excellent	Excellent
28	Umakanti Jagmohan Ba	B.sc - 3 year	Excellent	Better	Excellent	Excellent
29	Poonam Pravin khope	M.sc (Botany) 2nd Sem	Better	Better	Better	Excellent
30	Aakanksha Lahanu Was	M. Sc final year	Good	Excellent	Better	Good
31	Aashi karsiya	Bsc sem 2	Excellent	Excellent	Excellent	Excellent
32	Himani rajesh deokar	Bsc 1 year botany	Excellent	Better	Good	Excellent
33	Ruchita mathankar	Sem 2	Excellent	Excellent	Excellent	Excellent

34	Falguni	Msc 1 yr	Excellent	Excellent	Excellent	Excellent
35	Hemanshi Shiv	Bsc sem2	Excellent	Excellent	Excellent	Excellent
36	Shreya Dnyaneshwar W	Bsc 2nd year	Excellent	Excellent	Excellent	Excellent
37	Tannu ghutke	Bsc 1 yr	Excellent	Excellent	Excellent	Better
38	Khushhoo Sanjay Choub	1st year Bsc	Excellent	Better	Good	Excellent
39	Sejal Borkar	2nd year	Excellent	Excellent	Excellent	Excellent
40	Kalyani chudaman Shah	MSC botany sem 2	Good	Excellent	Better	Good
41	Pooja Sohan rodekar	MSc botany	Excellent	Better	Better	Excellent
42	Priyanka kishor ingale	3rd year	Better	Good	Good	Good
43	MUGDHA GOLE	Bsc 1st year (Botany)	Excellent	Excellent	Excellent	Excellent
44	Sangita suthar	Sem 4	Excellent	Excellent	Excellent	Excellent
45	Aman Thavre	M.sc 1st sem	Good	Excellent	Excellent	Good

Reshma

Dr. Reshma P. Sonwalkar
Convener



P. S. Tiwari

Prof. P. S. Tiwari
HEAD

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

Professor and Head
Department of Botany,
SSES Amt's Science College,
Congress Nagar, Nagpur-12



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 THE GRAND INAUGURATION & LAUNCH OF



Chairperson

Dr. O. S. Deshmukh

Principal

Chief Guest

Dr. Kalpana Pandey

President, Shikshan Manch, Former Mayor
Nagpur

Guest of Honor

Prof. Nitin Dongarwar

Head, P.G.T. Department of Botany,
RTM . Nagpur University, Nagpur.

Head

Prof. P. S. Tiwari

Head, Department of Botany

Convener

Dr. Reshma P. Sonwalkar

Dr. Rupali H. Mahakhode

Co - Convener

Mr. Piyushkumar R. Sharma



About Amrutvatika

Amrut Vatika is a unique educational garden showcasing sustainable practices and diverse plant species. It features sections like Rashi Vatika, Navgrah Vatika, Medicinal plants, Hydrophytes, Xerophytes, Spice Corner, organic/Soilless farming and Hydroponics, promoting environmental awareness.

About Shivaji Organics

Shivaji Organic Products offers eco-friendly agro-fertilizers and bio-fertilizers made from Azolla and organic waste like fruit and vegetable peels. These products promote sustainable farming while reducing waste. Our initiative reflects a commitment to environmentally conscious and innovative agricultural solutions.

DETAILS OF PROGRAM

Date : 12/03/2025 | Time: 2:00 PM

Venue : Knowledge Resource Centre (Library) Followed by Garden visit.



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

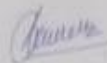
Department of Botany

NOTICE

All UG and PG students are hereby informed that the **Inauguration of Amrut Vatika** and the launch of **Shivaji Organics** developed by the **Department of Botany, SSES AMT's Science College, Nagpur**, will take place on **12th March 2025**. As a part of the academic curriculum, students are expected to attend this event to enhance their understanding of sustainable agricultural practices and organic farming innovations. This will be a valuable learning opportunity to witness the practical application of botanical research.

Venue- Knowledge Resource Centre (Library) Followed by Garden visit.

Time: 2:00 PM.



Convener
Dr. R. P. Sonwalkar



Head
Prof. P.S. Tiwari



Principal
Dr. O.S. Deshmukh

Inauguration of Amul Vastu & launch of Shivaji
 organics - 12/03/2025
 Attendance sheet.

	Name of Participants	Sign.
1)	Piyush Rajendra Sharma	Sharma.
2)	Swapnil Pandurang Fule	Fule...
3)	Dr. R-P Sonwalkar	Sonwalkar
4)	Ruchita S. Mathankar	@mathankar
5)	Himani R. Deokar	HDeokar
6)	Aharenjay A. Kerkar	Akerkar
7)	Pooja S. Nagdeve	P Nagdeve
8)	Umesh H. Raut	URaut
9)	Samiksha P. Tirpude	PTirpude
10)	Saisha N. Guralwar	Saisha
11)	Hemanshi Shiv	HShiv
12)	Rutuja Waghmare	R. Waghmare
13)	Vaishnavi Khandalkar	Vaishnavi
14)	Khushbu Sanjay Choubey	Khushbu
15)	Shravani R. Raut	SRaut
16)	Rishika K. Chachada	Rachhade
17)	Harshali V. Thaware	Thaware
18)	Sapna H. Mishra	Himani
19)	Pudrakshi A. Bhongade	P. Bhongade
20)	Ravneet Kaur	Ravneet
21)	Tanu Ghutke	Ghutke
22)	Ishita Madame	IMadame
23)	Jahvi Wasake	JWasake
24)	Shravani Khandhare	Shandhare
25)	Snehal Khobragade	Shobragade
26)	Trupti Bhumande	TBumande
27)	Aachi K. Sanodiya	Asanodiya
28)	Aashi Karoshiya	Akaroshiya

