

## Goa University (GU)

Social Entrepreneurship, Swachhata and Rural Engagement Cell (SES-REC),

### Awareness program and workshop on

### "MUSHROOM CULTIVATION: SCIENTIFIC TECHNIQUES, ECONOMIC PERSPECTIVES & CHALLENGES"



The poster is for a workshop titled "Mushroom Cultivation: scientific techniques, economic perspectives & challenges" organized by Goa University's Educational Outreach Committee (EOC) and Social Entrepreneurship, Swachhata and Rural Engagement Cell (SES-REC). It is in association with the Agriculture Technology Management Agency (ATMA), Government of Goa. The workshop is held on 4<sup>th</sup> March 2022 from 2 to 5 pm at Ela Farm, Old Goa. The poster features logos of Goa University, SES-REC, and ATMA. A photo of Smt. Gauri Prabhudesai, Agricultural Officer, Directorate of Agriculture, Govt. of Goa, is shown. The highlights of the workshop include talks on mushroom science, cultivation, economic perspective & challenges, demonstration of cultivation techniques, and demonstration of substrate design and sterilization techniques. The poster also mentions that the workshop aims to create awareness and inspire the student community towards skill development and entrepreneurship opportunities. It lists the convenors: Prof. Jyoti Pawar (SES-REC, Goa University), Dr. Pranay Morajkar (EOC, SES-REC), and the project directors: Shri. Kishore Bhavé (ATMA, Government of Goa) and Smt. Vismata Marathe (ATMA, Government of Goa). At the bottom, there are three photos showing mushroom cultivation setups and a logo for 'आजादी का अमृत महोत्सव' (Azadi Ka Amrit Mahotsav).

**GOA UNIVERSITY**  
**EDUCATIONAL OUTREACH COMMITTEE (EOC)**  
Social Entrepreneurship, Swachhata and Rural Engagement Cell (SES-REC)  
In association with  
**AGRICULTURE TECHNOLOGY MANAGEMENT AGENCY (ATMA)**  
Government of Goa

organizes a workshop on

**"Mushroom Cultivation: scientific techniques, economic perspectives & challenges"**  
on 4<sup>th</sup> March 2022 from 2 to 5 pm at Ela Farm Old Goa

**Smt. Gauri Prabhudesai**  
Agricultural Officer  
Directorate of Agriculture  
Govt. of Goa

This workshop aims to create awareness and inspire the student community towards skill development and entrepreneurship opportunities in this sector. Goa University SBSI Interns & Mentors will participate in this workshop and take-up mushroom cultivation project at Goa University; a small step towards Atmanirbhar Goa & Atmanirbhar Bharat!

**Prof. Jyoti Pawar**  
Convenor, SES-REC  
Goa University

**Dr. Pranay Morajkar**  
Convener  
Chairperson, EOC, SES-REC

**Shri. Kishore Bhavé**  
Project Director, ATMA  
Government of Goa

**Smt. Vismata Marathe**  
Deputy Project Director, ATMA  
Government of Goa

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The Educational Outreach Committee (EOC) of Social Entrepreneurship, Swachhata and Rural Engagement Cell (SES-REC), Goa University in collaboration with Agriculture Technology Management Agency (ATMA), Directorate of Agriculture, Government of Goa organized a Workshop titled "Mushroom Cultivation: scientific techniques, economic perspectives & challenges" on 4<sup>th</sup> March 2022 at 2.00 p. m. at Ela farm, Old Goa for the Goa University Swachh Bharat Student Intern (SBSI). Prof. Jyoti Pawar was the Convenor of SES-REC, Goa University, and Dr. Pranay Morajkar was the convenor of the event and Chairperson for EOC, SES-REC. Shri. Kishore Bhavé, Project Director of ATMA, Smt. Vismata Marathe, Deputy Project Director, ATMA, Government of Goa, and Shri Shivanand C. Volvoikar, Director of Vana Shrubs Private Limited graced the occasion with their presence.



Dr. Pranay Morajkar welcomed the gathering and briefed the participants about the role of EOC, SES-REC, GU towards the need for social entrepreneurship and rural engagement. The importance of skill development programs such as Mushroom Cultivation and the plan to establish the Mushroom Cultivation & Incubation Centre at GU was also highlighted. It was informed that a series of such mushroom cultivation workshops will be organized at GU and across villages of Goa especially in the GU adopted villages such as Madkai, Gudi Paroda, Naushi, Shirdao and Cakra. This was followed by a briefing about ATMA and its role in agriculture in the north of Goa by Shri. Kishore Bhawe. Smt. Gauri Prabhudesai, Agricultural Officer, Directorate of Agriculture, Govt. of Goa, was the esteemed speaker for this workshop, who delivered an informative talk on mushroom science along with her insightful knowledge on “Oyster Mushroom cultivation as an agri-business for rural development” along with its economic perspectives and the challenges. Furthermore, the speaker educated

the SBSI- interns on various mushroom cultivation techniques, introduced them to several commercial mushroom species and their health benefits. Shri. Shivananda Volvoikar displayed live mushroom cultivations beds and described the different stages of mushroom growth process. The need for cyclic economy via value addition to the leftover oyster mushroom produce was also highlighted. The economic model to provide financial benefits to the young entrepreneurs especially in rural villages of Goa was presented by Smt. Vismita Marathe.

The talk was well-received by the audience, and a thorough discussion ensured that this was an excellent learning experience for all the participants. The entire session was coordinated by Dr. Kiran T. Dhavskar duly supported by the members of the coordination committee namely, Dr. Shanti Desai, Dr. Milind Naik, Dr. Bhakti Salgaonkar, Dr. Diptesh Naik, Dr. Teja Khandolkar, Ms. Rajavi Naik and Mr. Brandon Fernandes from Goa University.

This workshop was indeed successful in inspiring several SBSI interns to take up entrepreneurship and contribute towards Atmanirbhar Goa and Atmanirbhar Bharat.

**Report by**



**Dr. Pranay P. Morajkar**  
**EOC, SES-REC, GU**







# GOA UNIVERSITY

## EDUCATIONAL OUTREACH COMMITTEE (EOC)

Social Entrepreneurship, Swachhata and Rural Engagement Cell  
(SES-REC)

In association with

## AGRICULTURE TECHNOLOGY MANAGEMENT AGENCY (ATMA)

Government of Goa



organizes a workshop on

### "Mushroom Cultivation: scientific techniques, economic perspectives & challenges"

on 4<sup>th</sup> March 2022 from 2 to 5 pm at Ela Farm, Old Goa



**Smt. Gauri Prabhudesai**  
Agricultural Officer  
Directorate of Agriculture  
Govt. of Goa

#### Highlights of the workshop

- Talks on Mushroom Science, Cultivation, Economic perspective & Challenges
- Demonstration of Mushroom Cultivation techniques
- Demonstration of Substrate design and Sterilization techniques

This workshop aims to create awareness and inspire the student community towards skill development and entrepreneurship opportunities in this sector. Goa University SBSI Interns & Mentors will participate in this workshop and take-up mushroom cultivation project at Goa University (March – May 2022 ); a small step towards Atmanirbhar Goa & Atmanirbhar Bharat!



**Prof. Jyoti Pawar**  
Convenor, SES-REC  
Goa University

**Dr. Pranay Morajkar**  
Convener

Chairperson, EOC, SES-REC



**Shri. Kishore Bhawe**  
Project Director, ATMA  
Government of Goa

**Smt. Vismita Marathe**  
Deputy Project Director, ATMA  
Government of Goa



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## Annexure I

### List of \*Selected Students for Mushroom Cultivation Workshop

Sr. No.	Name	Programme
1	Jomon Joy	M.A. Philosophy, (SSPIS)
2	Nishita Honu Dhulapkar	M.A. Philosophy, (SSPIS)
3	Shriya Nadar	M.A. Philosophy, (SSPIS)
4	Mr. Akash Bisht	Department of Portuguese and Lusophone Studies
5	Rohit Kumar Mahato	School of Physical & Applied Sciences
6	Thejus Raj	School of Physical & Applied Sciences
7	Karthika Ashis	School of Physical & Applied Sciences
8	Aditi Palyekar	Marine Microbiology
9	Arti Satus	Marine Microbiology
10	Amulya I.	Marine Microbiology
11	Sharvani Nadkarni	Microbiology
12	Prachi Vishwakarma	Microbiology
13	Nikita Mendes	Microbiology
14	Jenny Fernandes	School of Chemical Sciences
15	Jewella Britney Coutinho	School of Chemical Sciences
16	Amanda severina Andrade	School of Chemical Sciences
17	Aleta Pereira	School of Chemical Sciences
18	Diksha Gaonkar	School of Chemical Sciences
19	Prashil Karapurkar	MSc Biotechnology
20	Siddhi Ramesh Tembkar	MSc Biotechnology
21	Selcea D'Costa	MSc Biotechnology
22	Riya Potfode	MSc Biotechnology
23	Mrugnayni Raikar	MSc Biotechnology
24	Mapiki Mutinta S	MSc Biotechnology
25	Shreesiddhi Bhomkar	MSc Biotechnology
26	Bhargavi Gaonkar	MSc Biotechnology
27	Shreya Pai	MSc Biotechnology
28	Manasi Pendse	MSc Biotechnology
29	Samradny Phadte	MSc Biotechnology
30	Priyanka Shanke	MSc Biotechnology

\* In case any selected student(s) chooses to opt out of the mushroom cultivation program on or before 03/03/2022, the vacant seat(s) will be allotted to the student(s) from the waiting list with equal distribution across departments.



**Dr. Pranay Morajkar**  
Chairperson, EOC, SES-REC, GU  
Date: 01/03/2022



**Prof. Jyoti Pawar**  
Convener, SES-REC, GU  
Date: 01/03/2022

## Annexure II

### Waiting List of Students for Mushroom Cultivation Workshop

Sr. No.	Name	Programme
1	Vrushali Marathe	MSc Biotechnology
2	Jewella Pires	MSc Biotechnology
3	Inoska Mendes	MSc Biotechnology
4	Riddhi shirodker	MSc Biotechnology
5	Navina Rajaram Naik	MSc Biotechnology
6	Quazi Hasibul Hasan	MSc Biotechnology
7	Savia Coutinho	School of Chemical Sciences
8	Dwana Martins	School of Chemical Sciences
9	Vaishnavi Naik	School of Chemical Sciences
10	Shivani Vallabh Samant	School of Chemical Sciences
11	Shanti Murari Mayekar	School of Chemical Sciences
12	Charlene J. Fernandes	School of Chemical Sciences

## Annexure III

### Mushroom Cultivation Workshop & Awareness Program Coordination Committee

Sr. No.	Name	Department/School
1	Dr. Pranay P. Morajkar	School of Chemical Sciences
2	Dr. Diptesh Naik	School of Chemical Sciences
3	Ms. Teja Khandolkar	Goa Business School
4	Ms. Rajavi Naik	School of Sanskrit, Philosophy and Indic Studies
5	Dr. Milind Naik	Department of Microbiology
6	Dr. Bhakti Salgaonkar	Department of Microbiology
7	Dr. Shati Dessai	Department of Zoology
8	Dr. Brandon Fernandes	School of Physical and Applied Sciences
9	Dr. Kiran Dhavskar	School of Chemical Sciences
10	Ms. Sarvesha Shetgaonkar	School of Chemical Sciences



**Dr. Pranay Morajkar**  
Chairperson, EOC, SES-REC, GU  
Date: 01/03/2022



**Prof. Jyoti Pawar**  
Convener, SES-REC, GU  
Date: 01/03/2022