

REPORT ON
“WORKSHOP ON MUSHROOM CULTIVATION”



Organiser: Chemistry Department, Women's College, Agartala

Venue: S-6 and Science Building Premises

Date: 18th & 19th January 2023, **Time:** 11 am

Theme of the event: Hands' on skill development among the student community

Guest: Resource persons for the programme

1. Dr. Ajay Kumar Saha, Professor, Department of Botany, Tripura University
2. Shri Rahul Saha, Research Scholar, Department of Botany, Tripura University

Participants:

1. Chemistry and Botany Hons students (88)
2. All teaching and non teaching staff of Chemistry Department & HoD of Botany, EVS and Mathematics Departments, Women's College, Agartala

Organised by: Chemistry and Botany Department (jointly), Women's College, Agartala

Sponsored by: DBT-Star College Scheme, Govt. of India

First Day of the Workshop:

The programme commenced with the arrival of Recourse person accompanied by our Principal madam, Dr. Manidipa Debbarma. The students of our college welcomed them. It was followed by a speech by Dr. Goutam Chel, Associate Professor and senior most teacher of Chemistry Department welcoming the honourable guests. In his speech he emphasised on the importance and requirement of such workshop programmes to develop hands' on ability among the student community who are the future of our state. He also thanked the DBT, Govt. of India for financial assistance.

Shri Rahul Saha, resource person of the workshop gave a brief presentation on the **Mushroom Farming by scientific way**. In the first part of his presentation he nicely explained different types of Mushroom available in nature, their identification, role of mushroom in our diet and some effects of poisonous mushroom. He also explained various doubts that arise in the mind of the participants during presentation. Overall the presentation was very informative and interesting. Lastly he showed a video on 'Mushroom Cultivation' which was carried out by him in the laboratory, Department of Botany, TU.

The participants were very attentive and really tried to understand every step of the procedure of mushroom farming and its importance to the common people as it was very clearly explained by the speaker.

Second day of the workshop:

Hands' on demonstration was carried out among the students, lab attendants by the resource person. All the participants actively carried out all the work from cutting of peddy straw, boiling of peddy straw, neutralizing and finally packaging for mushroom farming by using spawn of mushroom scientifically. At last all the packets containing boiled peddy straw and mushroom spawn were hanged in a dark place by the students. The success of the workshop was the team work put up by all concerned.

The feedback from the participants was very positive.

Mushroom started to grow in every packet after 18 days under dark and watering condition and started to pluck them after 20 days. In our opinion such workshops should be a regular feature in the educational institutions to train the future generations for a better and skill India.

Significance of the Workshop:

1. To increase socio-economic empowerment, achieve economic growth, and reduce social challenges, for future generations through this workshop.
2. To generate compost fertilizer by using this waste peddy straw after completion of mushroom production.

Photo Gallery:





Out come from the workshop.

Dr. Manidipa Debbarma
Principal
Women's College, Agartala

Dr. Samhita Bhaumik
Associate Professor & Head
Course Coordinator, DBT
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Women's College, Agartala



DEPARTMENT OF CHEMISTRY
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