

Details of two best practices implemented by the institution during AY 2020-21

Best Practice- 1

1. Title of the practice

Skill Development Programmes for students.

2. The context that required the initiation of the practice

Analysis of student progression and profile of pass out students' data of the departments from past few years points to the fact that the percentage of the pass outs getting private/government jobs or chance in any higher education courses is not satisfactory. Thus, the present practice was initiated to equip the students with some relevant technical skills which can improve their employability and help them in starting small entrepreneurial ventures.

3. Objectives of the practice

The objective of the practice is to train the students in some relevant technical skills which can improve their chance of getting employed or better can help them in starting small commercial ventures.

4. The Practice

The practice consists of organizing Skill Development Programmes for students. The programmes are organized mostly in collaboration with other government institutions with involvement of resource persons who are experts of the particular skill. Sometimes when outside agencies can not be roped in some in house programmes are also organized with college faculty members of related departments acting as experts. The details of the important programme organized during the academic year are as follows-

Sl. No	Name of the Programme	Date	Organizing department/committee/cell	Collaborating institute/agency	Resource Persons	Number of Student participants
1.	Online FDP cum Student Development Programme on Linux and LaTeX	3 rd -9 th September, 2020	Netaji Subhash Mahavidyalaya Udaipur	IIT Bombay Spoken Tutorials	Smt Patriot Debbarma, Coordinator, Asst Professor & HOD In-charge Department of English; Vidya Kadam, Coordinator, IIT Bombay Spoken Tutorials	500
2.	Online Workshop On "Mushroom Cultivation: Techniques And Income Generation"	16th July, 2021	Department of Botany in collaboration with IQAC, NSM	Rabindranath Thakur Mahavidyalaya, Bishalgarh, Tripura	Dr. Anupam Guha, Associate Professor, Rabindranath Thakur Mahavidyalaya, Bishalgarh	778

3.	Training Program on "Biofloc Fish Farming"	20 th to 23 rd August 2021	Netaji Subhash Mahavidyalaya Udaipur	Department of Fisheries in collaboration with Udaipur Municipal Council	Sri Sujit Sarkar, DY Director of Fisheries, Udaipur, Bijoy Kanti Ghosh, Supt of Fisheries, Udaipur; Supriti Dey, Fisher Officer, Anurudha Saha, Fishery Officer; Biswajit Sukla Datta, Fishery Officer; Tanuka Chakraborty, Fishery Officer	10
4.	Workshop on 'Duck farming in Tripura-A prospective entrepreneurial Venture'	7 th September, 2021	NSM	College of Veterinary Science & A.H, R.K Nagar, West Tripura	- Dr. Jewel Debnath, Asstt. Professor - Dr. Tapan Kr. Das Dr. Saurabh Majumder	22
5.	An Intracollege Workshop "Mushroom Cultivation: Techniques And Income Generation"	16-07-2021	Department of Botany in collaboration with IQAC, Netaji Subhash Mahavidyalaya	-	Prof. Ajay Krishna Saha, Department of Botany, Tripura University	33
6.	Workshop on 'Vermicomposting'	10 th November, 2021	Swacchata Action Plan (SAP) Committee and Dept of Zoology, NSM	-	Dr, Nupur Datta, asst professor & HOD Incharge, Dept of Zoology, NSM, Udaipur; Sri Koshore Potari, PGT, Dept of Zoology, NSM Udaipur	45
7.	Work shop on 'Development of Nursery'	24 th December, 2021	Department of Botany & Swacchata Action Plan (SAP) Committee, NSM	-	Sri Prasenjit Debbarma, Asst professor, Department of Botany, NSM Udaipur; Dr. Chiranjit Paul, Guest Teacher, Dept of Botany, NS Mahavidyalaya, Udaipur	53
8.	Work shop on 'How to make leaf compost'	30 th December, 2021	department of Zoology and Swacchata Action Plan (SAP) Committee of NSM, Udaipur	-	Dr, Nupur Datta, Asst professor & HOD Incharge, Dept of Zoology, NSM, Udaipur; Dr. Parthasarathidebray, Asst professor & HOD Incharge, Dept of H. Physiology, NSM, Udaipur	65

5. Obstacles faced if any and strategies adopted to overcome them

The main obstacle faced regarding implementation of the best practice is the Covid-19 pandemic as intermittent lockdowns and obligations regarding maintenance of Covid protocol spoiled the plans regarding organization of some more workshops and follow-up action. Some online workshops and webinars have been organized during pandemic period to overcome this challenge.

6. Impact of the practice

The practice has its positive impact on the participating students as some of them has started to take up entrepreneurial activities at home in the field of mushroom cultivation, duck farming and leaf composting in their spare time.

7. Resources required

Resources required for the purpose are internet facility and laptops for online programmes and ICT enabled classroom facility for offline programmes.

8. About the Institution

i. Name of the Institution:	Netaji SubhashMahavidyalaya, Udaipur, Gomati, Tripura
ii. Year of Accreditation:	2015
iii. Address:	Dhwajanagar; Udaipur; Tripura; Pin Code- 799114
iv. Grade awarded by NAAC:	B
v. E-Mail:	nsm.udaipur@gmail.com
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vii. Website:	nsmahavidyalaya.nic.in

Best Practice- 2

1. Title of the practice

Vermi compost production and Mushroom cultivation in the campus along with revenue generation by sale of produce.

2. The context that required the initiation of the practice

In line with the activities for imparting some market worthy skills to the students it seemed imperative that the institution itself strive to put before the students a small business model where the institution can earn some revenue by production and sell of products manufactured in the campus using mostly campus waste and active support from students themselves. For this purpose Verm Compost Production from bio degradable component of campus waste along with locally procured cheap plant waste materials and Mushroom cultivation and sell of the products in prevalent market rate has been initiated.

3. Objectives of the practice

Along with exploring the possibilities of institutional revenue generation, the main objective of the practice is to put before the students a small business model where their own expertise is used so as to encourage them to take up such entrepreneurial activities privately.

4. The Practice

The college has taken up the initiative to produce Verm Compost and to cultivate Mushroom in college campus with involvement of faculty members of departments of Zoology and Botany respectively. Students of the college who got training in Verm composting and Mushroom Cultivation by

attending Workshops organized on these two skills by the college earlier are actively engaged in the production process. Department of Zoology is using the vermicomposting tanks which are already existing in the college campus to produce vermicompost from biodegradable waste materials available in the campus as well as plant waste available for free locally. The college has invested a small amount for repairing of the tanks and procurement of earthworms. Cow dung is procured locally for a small price. The compost is packed in 5 kg bags and being sold at the rate of Rs 100 per bag to staff, faculty members and local people for their personal use. As for Mushroom cultivation, Oyster Mushrooms are being cultivated in the Department of Botany using paddy straw. The college has spent a small amount for purchasing straw, spawn and accessories. Autoclave for sterilizing the straw is already available in the department. The mushroom produced is being sold at the rate of Rs.200/- per Kg to staff, faculty members and local people.

5. Obstacles faced if any and strategies adopted to overcome them

Obstacles faced regarding Vermicomposting is related with the choice of plant material where indiscriminate use of whatever available lead to slow rates of production which was overcome by careful choice of materials. Regarding Mushroom cultivation there were initial setbacks due to contamination of some beds which was overcome later with proper care regarding sterilization.

6. Impact of the practice

The practice has left a very positive impact on the students who have engaged themselves in the production process. This has raised the confidence level of the involved students and some of them has also started small scale production of compost and mushroom in their homes. Though it is still in the private consumption stage but there is ample chance that they will scale up the production to small business level in future.

7. Resources required

Resources required for Vermicomposting are covered cement made compost pits, biodegradable waste materials like cow dung, dry leaves and straw, kitchen waste etc. Resources required for mushroom cultivation are autoclaves, paddy straw, plastic bags, spoon, gloves etc.

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