

Details of two best practices implemented by the institution

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. In line with this, the institution itself strives to 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 Vermicompost 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

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. 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

Skill Development: - In NSM, Udaipur, skill development initiatives have been taken under the guidance of English, Zoology and Botany departments. Students' development program on Linux and LaTeX, Vermicompost production, Leaf compost production, mushroom production, Biofloc fish farming, Development of Nursery and duck farming are exclusive skill development programs operated in NSM, Udaipur. Workshops were conducted separately for each program. Theoretical aspects of these units were elaborately explained and hands on training imparted to the students. Subsequently the functioning of the units started with minimal initial expenditure. After regular class activity students and teachers engaged themselves for these units and mention worthy output obtained. Compost fertilizer packets containing 5 kg are prepared and are being sold to the college staffs and local people. Mushroom packets of 1 kg are being prepared and sold to college staffs and local people. Good amount of revenue are being generated and deposited to govt. fund.

Sl. No	Name of the Programme	Date	Organizing department/committee/cell	Collaborating institute/agency	Resource Persons	Number of Student participants
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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	SmtPatriot 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, Fishery 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. Jowel Deb Nath, Asstt. Professor - Dr. Tapan Kr. Das Dr. Saurabh Majumder	22
5.	An Intracollege Workshop On "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,	department of Zoology and Swacchata Action	-	Dr, Nupur Datta, Asst professor & HOD Incharge, Dept of Zoology, NSM, Udaipur;	65

		2021	Plan (SAP) Committee of NSM , Udaipur		Dr. Parthasarathidebray, Asst professor & HOD Incharge, Dept of H. Physiology, NSM, Udaipur	
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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: Dhwanagar; Udaipur; Tripura; Pin Code- 799114
- iv. Grade awarded by NAAC: B
- v. E-Mail: nsm.udaipur@gmail.com
- vi. Contact person for further details: Dr. Soma Banik, Assistant Professor and
Coordinator IQAC, email- iqac.nsm.udaipur@gmail.com
- vii. Website: nsmahavidyalaya.nic.in

Best Practice- 2

1. Title of the practice

Green Campus Practice

2. The context that required the initiation of the practice

Global warming, climate change, green house effect and ozone layer depletion are burning issues for the present day World. Environmental pollution is a big factor for these issues. So to aware all the stake holders of the college regarding these issues initiatives like plantation program, waste management program, Swachhata Action Plan (SAP) and resource conservation etc are essential. These will also make the college campus clean and green for healthy upbringing of the students.

3. Objectives of the practice

The practice is necessary to protect and conserve ecological systems and resources within the campus and also to ensure sensible use of environmental resources to meet the need of aspirants of the present and future generations. To integrate environmental concerns into policies, plans and programmes for social development and outreach activities, this practice is essential.

4. The Practice

Stakeholders of the College are keenly working to make the campus a plastic free, pollution free and environment friendly zone. Initiatives have been taken to include implementation of Swachh Bharat Abhiyan, water conservation policy, waste management, renewable energy management, rain water harvesting. Solid waste of the campus is cleaned regularly by outsourcing staff and NSS volunteers jointly so that no plastic is left in the field or anywhere in the campus. Waste management by segregation of nonbiodegradable and bio-degradable has been promoted with good number of dustbins in the campus.

Dry leaves of trees are collected and send to vermi compost unit for compost production. Liquid wastes are produced from the science laboratories and these are directed to liquid waste pit by pipe lines so that natural vegetation and soil quality of the surrounding could be preserved. Sanitation in the campus is modernized and no foul smell comes from the lavatories.

Banamahotsav is celebrated every year frequently, where lectures are delivered and trees are planted in the campus. Stress is imposed on lesser use of conventional electricity such that the fans, lights and other equipments are kept switched off when not in use.

A solar energy project is installed with a 5kV peak supply capacity which is functioning properly and this is also connected to the central grid. Awareness posters are pasted at prominent places in the campus so that water taps and electric switches are kept off after use. Rain water harvesting project is implemented in the Bioscience building.

SAP (Swachhata Action Plan) Committee is working tirelessly to ensure green campus activities. Green audit including water, waste, environment, energy has been conducted in the campus to make carbon neutral environment for sustainable growth.

Activities at a glance:

Activity	Achievements
4.Awareness programs for saving Environment and Mass Plantation Drive	<ol style="list-style-type: none"> 1. “Plantation Adoption Programme” as an Observance of “17th June World Day to Combat Desertification and draughtuding” by the “ Awareness Programme on Environmental and Climate Change Issues Committee” of NSM, Udaipur which is sponsored by Tripura Climate Change cell, Department of Science Technology and Environment (DSTE), Govt. of Tripura on 04.09.2021 2. Observance of ‘16th September- World Ozone Day’ by “Awareness Programme on Environmental and Climate Change Issues Committee” of NSM, Udaipur which is sponsored by Tripura Climate Change cell, Department of Science Technology and Environment (DSTE), Govt of Tripura on 16.09.2021. 3. Biodiversity conservation and its role in mitigating climate change on 23.12.2021 organized by Seminar Committee, NSM 4. ‘14th December- National Energy conservation Day’ was observed by “Awareness Programme on Environmental and Climate Change Issues Committee” organized by the Climate change Cell of NSM and sponsored by Tripura Climate Change cell, Department of Science Technology and Environment (DSTE), Govt of Tripura on 23.12.2021.
5.Green Audit	A Green Audit has been conducted for water, waste, energy, carbon foot print, bio-diversity and environment by the Internal Audit Committee constituted under IQAC of the institution. Also the environmental monitoring in respect of parameters like water, air and noise in the campus has been conducted through the external agency, Tripura State Pollution Control Board.
6.Rain water harvesting and waste management	<ol style="list-style-type: none"> 1. Workshops on leaf compost and vermicompost for management of organic waste has been conducted on 10.11.2021. 2. A segregated waste collection centre has been set up to segregate organic and non-organic wastes. Accordingly, useful organic waste will be processed for compost generation. 3. Besides, leaf waste/plant materials will be used for compost generation. 4. Two Laboratory Pitshave been made for disposal of hazardous waste from Sciencelaboratories.

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

Obstacles faced regarding this practice is environmental illiteracy among the major portion of the students and their guardians. They are also unaware of sustainable livelihood practices and the benefits and importance of it.

6. Impact of the practice

This practice increases awareness among the students about **Carbon neutral campus** for sustainable growth of the society.

7. Resources required

Resources required for green campus practice are a good number of dustbins, sweepers, liquid waste pits, saplings, cutter, garden spades, shovel, hand gloves, face mask and sufficient water.

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