

## **BEST PRACTICE I**

### **1. Title of the Practice**

Sustainable management of resources to maintain Swachh and Green Campus

### **2. Objectives of the Practice**

To make aware different stakeholders and bring into in-built practice regarding various aspects of environment leading to sustainable management, reusing and recycling of the resources of the region in general and the University in particular.

### **3. The Context**

Preservation of natural ecosystem and maintenance of the campus greenery and cleanliness is the basic need of the day. Management of natural resources as well as reusing and recycling of various resources can aid to minimise their requirement thereby protecting the environment. Further, cleanliness is fundamental to the health and hygiene of the society and the nation. Inculcating these small practices in day-to-day life and bringing a regular behavioural change among the young mass will be helpful for the environment and earth in a long run. Universities being the flag bearer of society and citadel of learning can cite example by successful implementation of such activities at university and regional level that can spread all over, thereby helping the nation to move one step ahead.

### **4. The Practice**

The purpose of education is not only to provide knowledge, skill, career opportunities, etc, but also to develop social responsibilities among the youth. The Ministry of Human Resource Development (MHRD), Government of India has taken an initiative to institutionalize cleanliness initiatives through a pan-India effort called Swachh Bharat Programme. In resonance with it, our university just not observes the Swachh Bharat Pakhwada every year but is committed to keep its campus clean and green with utmost sincerity. Our university in the state of Odisha has been one of the greenest and scenically beautiful campuses with lush greenery all-around. The university takes utmost care of the natural ecosystem of not only the campus but also the habitat around it. The university organizes various awareness/ training programs regarding environmental pollution, environmental policy, maintaining good habit of being energy savvy, self-cleanliness as well as cleanliness of surroundings, reuse and recycling of resources, etc. Administrative steps are taken to reduce pollution, use of renewal energy and solid as well as biodegradable waste management.

### **5. Evidence of Success**

#### **(A) Awareness/sensitization programs:**

- Observation of World Environment Day in different PG Departments on 5<sup>th</sup> June 2019.

- Awareness programs regarding environmental policy amongst the students and faculties were conducted in different PG Departments.
- Students and staffs are sensitized to maintain pollution free campus by avoiding plastics and chewing of tobacco, pan-masala, etc.

**(B) Cleanliness and plantation drives:**

- Beach Cleaning Camp from Balramgadi to Chandipur: The University every year as part of its outreach programme with the help of its NSS units in collaboration with local NGOs organizes Beach Cleanliness camps. In 2019, in one such initiative, the student volunteers of the University through mass participation, have cleaned up the Chandipur Beach of Balasore from Balramgadi (A stretch of almost 3 kms).
- Clean campus day is observed in both the campuses every year with NSS Boys' & Girls' Units and Faculties.
- The students, faculties and non-teaching members of every PG Department devote time to maintain the cleanliness of their department. Massive cleaning drives by the teachers were conducted in both the campuses during post-covid reopening of the University.
- Green Campus Day: The University every year in the month of November observes Green Campus Day. Every year in collaboration with the District Forest Department, the NSS bodies of our university religiously made it a habit of planting trees and herbal saplings during the rainy season and take due care of them. The university contributes towards carbon sequestration of the globe.

**(C) Waste management and use of renewable energy:**

- Biodegradable wastes are collected to make vermicompost which is used as fertilizer in the university gardens.
- The huge amount of waste papers from the university are given for recycling in order to reduce carbon emission.
- Initiatives are taken towards use of solar energy in the campuses.
- Initiatives are taken to make the campus polythene free.
- Rain water is harvested and used for gardening purpose.
- Use of natural lighting, LEDs and low power consuming assets are encouraged in both the campuses.
- Green audit was done to encourage use of renewable energy and minimise energy consumption.

**5. Problems Encountered and Resources Required**

- Need more financial assistance for conducting more such outreach programs in the Balasore region.
- More ICT facilities needed to minimize the use of paper.

## **BEST PRACTICE II**

### **1. Title of the Practice**

Students' Capacity Enhancement Programme through Skill Development and Entrepreneurial Awareness

### **2. Objectives of the Practice**

- a. Developing basic communication skills, soft skills and life skills to make the students more employable.
- b. Developing skills in domain specific areas
- c. Building awareness in students on entrepreneurship as alternate career opportunity and help them to develop entrepreneurial skills to become future ready as an entrepreneur

### **3. The Context**

Fakir Mohan University is strategically located in the industry corridor of Bhadrak and Balasore which is within the jurisdiction of the University. In coming years, the total workforce demands for skilled jobs in Balasore district is expected to grow to 5.9 lakhs in 2026 from 3.3 lakhs in 2011 in Balasore and 3.7 lakhs in 2026 from 2.1 lakhs in 2011 in Bhadrak districts. This demand will be dominated by tertiary sector(77%). This demand will be dominated by tertiary sector(77%). Further, the demand-supply gap of skilled human resource is expected to widen by 1.2 lakhs in Balasore and 0.9 lakhs in Bhadrak during 2011-2026 (Skill Gap Report for Odisha, Ernst & Young). Due to large potential of both the district in terms of upcoming industry and current pace of industrialisation along with dominance of MSMEs and encouragement given to start-ups, need for training programmes to meet the requirement of industry is vital.

### **4. The Practice**

The inter-disciplinary approach in education of our University provided a fertile ground to support entrepreneurial spirit and inculcating various skilling programmes. However, students confined to classroom, having limited access to gain experience in real life world and inability to express themselves, and unaware about their own potential and not having proper mentoring system to guide them made difficult to realise their potential. Therefore, University is conducting continuous awareness and developmental activities in collaborations with different associations and agencies of Govt. of Odisha and India. The practice has the dual purpose of having holistic development of students and to create awareness among students on entrepreneurship as a career option. Several awareness and training programmes are undertaken to strengthen the above purpose.

## 5. Evidence of Success

A few activities conducted in spirit of this best practice is enlisted below.

- As a first step in 2019 the Placement Cell organised a series of programmes in five clusters with a programme entitled “Basic Communication Skills” by professional trainer and more than 200 students participated from various PG Departments. The programme response was very positive.
- A skill development programme entitled “Skill Strengthening for Industrial Value Enhancement (STRIVE)” project, DGT, Ministry of Skill Development and Entrepreneurship being implemented by NOCCI, Balasore shortlisted 21 students of Bio-Science & Bio-Technology Department and Zoology Department. This programme was for the trade QC in Seafood processing sector The training programme started from 1<sup>st</sup> March 2020 and 21 shortlisted candidates participated in programme.
- In order to strengthen the domain skill, Department of Physics in association with Central Placement Cell organised a programme entitled “Advance Problem solving Skills in Physics & Applied Physics. One module of this programme on “Thermodynamics & Statistical Mechanics” started on 12<sup>th</sup> March 2020 and subsequent modules will be introduced in coming years.
- To inspire the young minds a programme entitled “Entrepreneurship as a Career Choice” was conducted on 27.2.2020 & 28.2.20 supported by **OHEPEE** to inculcate entrepreneurial spirit. Students from different PG Departments were nominated by the respective HoDs and a total of 83 students attended the programme.

While conducting the above programmes it was noticed that the students’ response was very much encouraging towards skill based training and entrepreneurial training programmes.

## 6. Problems Encountered and Resources Required

To make the programme integrated with curriculum as a continuous activity we encountered the problem of having qualified and experienced trainers readily available. Further, functioning of a dedicated cell for skill and entrepreneurship development focusing on continuous need assessment, designing and implementing different training programmes and evaluating its effectiveness was also felt. Lastly building a state of art infrastructure and generating financial resources and having fulltime and dedicated manpower to implement the programmes are few other constraints.

### **BEST PRACTICE III**

Fakir Mohan University adopted the village “Nuapadhi” located close to the University new campus. The University is looking after the health-care, education, quality of drinking water, enhancing their living standard of the population of the village. Fakir Mohan University is taking utmost care for overall growth of the village.