



# DAV INSTITUTE OF ENGINEERING & TECHNOLOGY

(A Unit of Dayanand Anglo Vedic College Trust & Management Society)

Kabir Nagar, Jalandhar, Punjab - 144 008

Accredited by NAAC with "A" Grade & Recognized by UGC under Section 2(f)

Approved by AICTE; Affiliated to IKG-PTU, Jalandhar | Managed by DAV College Managing Committee, New Delhi

## TWO BEST PRACTICES SUCCESSFULLY IMPLEMENTED BY THE INSTITUTION

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**Best Practice – I**  
**Earn While you Learn (Co-Op)**

**Title of the Practice: Earn While you Learn**

**Objective:** Earn While You Learn Program provides students opportunities to earn while learning through part-time jobs or stipend-based industrial training.

‘Learning by doing’ and ‘earning by learning’ are essential to future career development. Therefore, Industrial Training is an excellent combination of work and learning. The students of various streams not only financially support their studies but also gain practical experience that would stand by them later in their careers. It helps the students gain first-hand corporate world experience and develop self-confidence and personality.

**The Context: Challenges & Issues**

- One of the significant challenges while providing the job opportunity to the students while they are studying in the institute is to manage the regular curriculum, so their studies do not get affected.
- Students sacrifice their time for their studies. Working students have less time to study their lessons. Classes that require extensive reading and writing are affected. They can sometimes be late for their classes. So, separate time tables and weekend classes have been scheduled for the students who have opted for this Program.

**Benefits of Earn While you Learn:**

- Exposes the students to the world of work before actual employment.
- Gives students hands-on experience and confidence, thereby preparing them better for taking up jobs in the future.
- Adds value to the resume of the students.
- Enables the students to explore their subject preferences and develop them into a career.
- Prospers belongingness and encourages the student’s involvement in the College’s management and development.
- Helps inculcate in the student’s values of hard work and dignity of labour.
- Helps to channelize the exhaustive energy of the young students into positive activities.
- Provides opportunities for students to earn while learning to meet their expenses.

**Evidence of Success:**

- Continuous implementation of the Earn While Learn Program every year stands as proof of their success.
- Positive feedback from the students and their parents.
- Students, who support their college fee with their self earned money, are our proud testimony of success.

**Problems Encountered:**

- Creating awareness in the students about this program and its benefits.
- Encouraging them to step out from their comfort zones and start working hard for their own good.
- Initial hesitation in staying back beyond institute hours.
- Continuous motivation is required as the students can lose confidence when things don't go as expected.
- Monitoring/Special arrangements of the academics of the students while they are pursuing their internship.

**Resources Required:**

- Skill Assessments of the students on regular basis, action plan and improvement thereof.
- Career guidance and counseling by the experts.
- Dedicated staff and assistants to help implement the program and conduct interviews.
- Additional duties to the teaching faculty for special classes.
- Skill development of the students through workshops, seminars, MOOCs, guest lectures, industry week(s) and industry visits etc.
- Extend labs & library facilities beyond scheduled hours.

## **Best Practice – II**

### **WASTE MANAGEMENT**

DAV Institute of Engineering & Technology, Jalandhar (DAVIET, Jalandhar), is committed to transform lives and serve the society through pursuit of excellence in teaching, innovation, lifelong learning, cultural enrichment and outreach services. DAVIET, Jalandhar came into existence in 2001, with the objective to promote inter-disciplinary higher education and research in the fields of Engineering, Management & computer application. DAVIET realizes sustainable and holistic waste management essential in reducing its environmental footprint and providing a safe and healthy work environment for teaching and non-teaching employees, students, and visitors

The institute applies a ‘waste hierarchical approach’, to reduce, reuse, recycle and recover waste products in preference to the disposal of waste to landfill. The institute recognizes the importance of meeting these legal requirements and to manage its waste responsibly, reduce the volume of waste sent to landfill and maximize reuse and recycling where possible.

#### **Policy Objectives**

The objectives of this policy are:

- To ensure that waste management is performed in accordance with all waste legislative requirements, including the duty of care, and to plan for future legislative changes and to mitigate their effects.
- To minimize waste generation at source and facilitate repair, reuse and recycling over the disposal of wastes in a cost effective manner.
- To provide clearly defined roles and responsibilities to identify and co-ordinate each activity of the waste management.
- To promote environmental awareness in order to increase and encourage waste minimization, reuse and recycling.
- To invest into the expansion of recycling opportunities on the institute campus and transform waste into value added products.
- To ensure the safe handling and storage of wastes on institute campus.
- To provide appropriate training for teacher, resident, staff, students and other stakeholders on waste management issues.
- To promote holistic approach of waste management in the campus.

## **Advisory Board**

- a. The Principal - Chairman
- b. Dean Academic Affairs
- c. Dean (Student Affairs)
- d. Dean (RIC)
- e. Dean (Accreditation)
- f. Medical Officer, DAVIET
- g. One outside expert (to be nominated by Principal)

## **Function of Advisory Board**

- i). Coordinating the provision of a central waste and recycling contract service for use by all facilities on the campus.
- ii). Ensuring that all contractors are advised that they must comply with the Duty of Care; that they must comply with the institute's Waste Management Policy.
- iii). Ensuring that all contractors appointed to carry out works are from the government 'approved list'.

## **Co-ordinator, Environment Sustainability Management Cell, DAVIET, Jalandhar is responsible for:**

- i). Provision of advice and guidance to the University on waste management.
- ii). Setting Environmental Performance Indicators for waste management.
- iii). Reporting annually to the advisory Board on progress against the 'Environmental Performance Indicators'.
- iv). Monitoring and auditing the management systems for all wastes, to ensure safety and legal compliance.
- v). Monitoring and auditing all waste contractors working for the institute.
- vi). Provision of appropriate training for all personnel who have responsibilities for waste management.
- vii). Coordinating the gathering of, and supplying all relevant information to appropriate enforcement agencies, when information relating to waste management is requested.

- viii). Investigation of any incidents or spillage relating to all type of hazardous and general waste management.

**Support staff is**

Responsible for:

- i). Overseeing the day to day delivery of general waste and their recycling services.
- ii). Monitoring the performance of the institute contractor against the contact agreements.
- iii). Liaising with the “Environment Sustainability Management Cell” to establish standard procedures for managing waste on the Institute campus.
- iv). Operational monitoring of waste management systems across the campus.
- v). Compiling waste transfer data and statistics notes for centrally managed waste and recycling collections.

**Heads of Departments are:**

Responsible for:

**i). Non-hazardous Wastes**

Ensuring that no hazardous waste is disposed of through the general or waste recycling streams.

**ii). Hazardous Wastes;**

Nominating a *‘responsible person’* within their department to coordinate waste disposal for any hazardous or laboratory wastes.

- iii). Informing the **Environment Sustainability and Management Cell**, about the nominated *‘responsible person’* and updating the cell if and when the *‘responsible person’* changes. The tenure of the person will be minimum two year.

**Staff/Supervisor (contractual) will be**

Responsible for:

- i). Disposing of waste responsibly (**at both office and residence**), through the appropriate waste disposal system (segregation of waste), in accordance with Institute policy and procedures.
- ii). Reporting any problems with waste collection schemes to **Environment Sustainability and Management Cell** of the Institute.

### **Students will be**

Responsible for:

- i). Disposing of waste responsibly, through the appropriate waste disposal system, in accordance with institute policy and procedures.
- ii). Reporting any problems related department/laboratory waste or waste collection procedure to the ‘Head of Department’.

### **Action:**

1. **Food Waste:** The food waste collected from the PG/UG & Girl’s hostel hostels is collected on daily basis and taken to designated pits for allowing them to get converted into manure.



## 2. Dry leaves:

The dry leaves collected from the different sites of the institute are taken to the underground pits, compacted, mixed with cow dung and turned upside down regularly for few months to get it converted into manure.



## 3. Plastic Waste:

The plastic waste generated by means of plastic bottles /items are collected at designated places. The plastic bottles are crushed into small pieces in a plastic bottle crushing machine installed in the institute near canteen. The smaller pieces are sent to the industry for recycling.





#### 4. Paper Waste:

The paper waste generated in the institute is recycled to files / folder for daily use. The institute has entered an MoU with Hans Raj Mahila Maha Vidyalaya, Jalandhar, an Institute awarded with A+ grade from NAAC.

The advisory board and Environmental Sustainability Cell continuously strive towards making DAVIET, a zero waste institute.

