

## AEN 3301 INDUSTRIAL TRAINING II (5 CU)

**Lecturers:** Each student is periodically supervised by lecturers from the department as well as field/ industrial supervisors during the recess term

**Course Type:** CORE (B.Sc. Agric. Eng III)

**Course Credits (CU):** 5 CU i.e. 150 Practical Hours per recess term

**Course Duration:** 10 weeks i.e. 150 PH

### **COURSE DESCRIPTION**

During the fourth term of third year each candidate goes to an industry/firm for training. The main emphasis of training is to understudy the place where the training is done so as to gain work experience that is relevant to professional development prior to graduation. Examples of particular areas for understudying could include: organization, machinery, operations, materials, energy, waste management and by-product utilization. Students fill in log books and prepare industrial training reports which are submitted for examination.

### **COURSE OBJECTIVES**

The **overall objective** of this course is to develop practical skills for technical planning and /or application of general engineering knowledge in solving constraints in agro-based industries.

In addition to **specific objectives** of AEN 2301, the following are included:

- (i) To gain skills of identifying engineering problems in an industry/ community
- (ii) To appreciate engineering knowledge and its application in solving engineering challenges

### **COURSE CONTENT**

In addition to AEN 2301 content, students identify engineering problems in industry/ community where the training is undertaken. In AEN 4109 Industrial case study, the identified problems are analyzed and solutions arrived.

### **Industrial Training Assessment**

The industrial training performance assessment will be based on:

- Industrial Training Field Supervisor's report where the student are attached for training (10%)
- Industrial Training Academic Supervisor report through visit or survey (10%)
- log book (20%)
- Industrial Training Report (60%)

### **Resources**

Students will need financial assistance for travel and upkeep during the industrial training