

Program : Diploma in Engineering and Technology / Commercial Practice / Management	
Course Code : 5009	Course Title: Summer Internship II
Semester : After Semester 4	Credits: 3
Course Category: Summer Internship	
Periods per week: 4 Weeks	Periods per semester: 160

Course Objectives:

The objectives of internship training are:

- Expose students to safety standards in industry.
- Provide possible opportunities to learn, understand, and sharpen the real time technical / supervisory skills required at the job.
- Provide exposure to the current technological developments relevant to the subject area of training.
- Apply the Technical knowledge in real industrial situations.
- Expose students to the engineer's responsibilities and ethics.
- Familiarize students with various materials, processes, products and their applications along with relevant aspects of quality control.
- Promote academic, professional and/or personal development.
- Expose the students to future employers.
- Introduce the social, economic and administrative considerations that influence the working environment of industrial organizations
- Expose students to the psychology of the workers and their habits, attitudes and approach to problem solving.

Course Outcomes:

CO n	Description	Duration (Hours)	Cognitive Level
CO1	Apply theoretical concepts gathered from the classroom to practices followed in industry.		Applying
CO2	Identify industrial norms on safety, duties, responsibilities, and ethics of an engineer.		Applying

CO3	Identify the social, economic and administrative factors that influence the working environment of industrial organizations.	160 periods	Applying
CO4	Develop experience in writing Technical reports/projects.		Applying
CO5	Demonstrate the ability of learning current technological trends.		Applying

CO-PO Mapping

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3						
CO2					3		
CO3						3	
CO4						3	
CO5							3

3-Strongly mapped, 2-Moderately mapped, 1-Weakly mapped

Framework

Schedule	Duration	Activities	Credits
Summer Vacation after 4 th Semester	4 weeks	Industrial/Govt./NGO/MSME/ Rural Internship/ Innovation / Online Internship/ Entrepreneurship/ Industry on Campus (IoC)	3

Summer Internship shall be started by a student only after prior approval of HOD/Principal. Summer internship II shall be scheduled during summer vacation after 4th semester. The credit requirement for summer internship II can be achieved through any one of the activities listed below.

Internship II can be undergone as follows:

1. **Industrial Internship Program:** The student can opt to undergo internship with Industry/ NGO's/ Government organizations/ Micro /Small /Medium enterprises depending upon their career plan. They are permitted to do internship only with

organizations which have an industry attached to it.

2. **Entrepreneurial Internship Program:** The students can choose to undergo Innovation or Entrepreneurship related activities as part of the internship. The option to work on innovation or entrepreneurial activities resulting in a start-up can be encouraged. The student can work at incubation centers, start-up villages, maker villages throughout semester 5 over and above his academic hours.
3. **Social Internship Program:** Projects/Programs for the transformation of nearby villages through technological intervention for networking and localized employment, convergence, cost reduction, Youth and Women empowerment, etc. shall be identified for the social internship program. The internship shall be relevant to the program of study and should aim to apply technology to enhance the living standards of the community.
4. **Campus-Industry Internship Program:** Production centers/Industry supported centers on camps/ Manufacturing units for supporting MSME and entrepreneurs (These are centers setup on the campus using infrastructure including that of the Polytechnic college) can be utilized for Internship where students can involve throughout the semester or previous semesters outside the normal academic hours.
5. **Online Internship Program:** Online internship and certification programs offered by Multinational Companies/ Indian Companies with multinational visibility/ State or Central Government Establishments/ PSUs shall be accepted for the credit requirement of Summer Internship II. SITTTTR shall issue an approved list of such internship programs on annual basis. In case no such list is published, the previous year's list shall prevail.
6. **Rural Internship Program:** There may be rural locations or locations where there is not sufficient industry to support internships specific to the program of study. In such a case, deviations from the mentioned norms in selecting industry may be permitted subject to the approval of the Academic Council of the institution.

Students shall submit report on the internship undergone. Feedback from officer in charge of cell /industry shall be collected.

Reference:

T/R	Book Title/Author
R1	AICTE Internship policy: Guidelines & Procedures