

DEPARTMENT OF PRODUCTION ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI

COURSE PLAN – PART I			
Name of the programme and specialization	B.Tech. Production Engg – VII semester		
Course Title	INTERNSHIP / INDUSTRIAL TRAINING / ACADEMIC ATTACHMENT		
Course Code	PRIR 16	No. of Credits	02
Course Code of Pre-requisite subject(s)	Nil		
Session	July 2018	Section (if, applicable)	A & B
Name of Faculty	Dr.P.Sathiya	Department	Production Engg
Email	psathiya@nitt.edu	Telephone No.	0431- 2503513
Name of Course Coordinator(s) (if, applicable)	-		
E-mail		Telephone No.	
Course Type	<input checked="" type="checkbox"/> Institute Requirement		

Syllabus

As per the regulations of National Institute of Technology, Tiruchirappalli, the student should undergo industrial training/internship for a minimum period of two months during the summer vacation of 3rd year. Before proceeding on Industrial Training, student must seek instructions from the Head of the Department / Chairman (Class Committee) or the Faculty, who is the in-charge of Industrial Training. Attachment with an academic institution within the country (IISc / IITs / NITs / IIITs and CFTIs) or university abroad is also permitted instead of industrial training.

COURSE OBJECTIVES

Industrial Training refers to work experience that is relevant to professional development prior to graduation. Industrial Training is an essential component in the development of the practical and professional skills required for an Engineer and an aid to prospective employment. It should also be noted that developing an awareness of general workplace behaviour and interpersonal skills are important objectives of the Industrial Training experience. At the end of the Industrial Training, students should be able to improve their knowledge and skills relevant to their areas of specialization and at the same time able to relate, apply and adapt relevant knowledge, concepts and theories within an industrial organization, practice and ethics. With this experience and exposure, the students should be able to acquire knowledge and skills to compete in the job market.

The objectives of the Industrial Training include:

- To give students the opportunity to apply the knowledge and skills they have acquired on campus in a real-life work situation.
- To provide students with opportunities for practical, hands-on learning from practitioners in the students' areas of specialization.
- To expose students to a work environment, common practices, employment opportunities and work ethics in their relevant field.
- To enhance the employability skills of the students.
- To provide opportunities for students to be offered jobs in the organizations in which they undergo their Industrial Training.

COURSE OUTCOMES (CO)

STUDENT

The student is responsible to ensure that all matters relating to the Industrial Training Programme are conducted in an ethical, conscientious, trustworthy and committed manner.

(A) Before Industrial Training

(i) To apply for a suitable Industrial Training, submit an application form through the Officer (Training / Training and placement) to the organization concerned one semester before the Industrial Training Programme commences.

(ii) Submit one copy of the offer letter for the Industrial Training to the Head of the department or Faculty coordinator (Industrial Training). Students are not allowed to change their Industrial Training after obtaining the approval and confirmation from the Industry.

(iii) To complete the Industrial Training placement process within the specified time based on the Industrial Training Programme schedule.

(iv) To ensure that the Industrial Training is not performed in a family-owned company so as to avoid conflict of interest.

(B) During Industrial Training

(i) Once the student has reached the training place, he / she must send a mail to the Faculty coordinator (Industrial Training / Department) / Head of the department or Officer (Training / Training and placement) that he / she has joined the training from _____ in the industry (Name) _____ and forward his / her contact nos., E-mail ID and the contact nos. of the company representative.

(ii) During the training, students will be given 3-4 practical problems by the industry in which they are undergoing training. In case the industry do not give them the problems, the students will themselves formulate minimum three problems and maximum four problems and carry out detailed study on them and recommend the optimum solution based on their theory knowledge.

(iii) To maintain discipline and abide by all rules and regulations enforced by the organization and to ensure FULL attendance during the Industrial Training duration.

- (iv) To carry out the Industrial Training in an ethical and professional manner and to uphold the reputation of National Institute of Technology, Tiruchirappalli at all times.
- (v) To maintain confidentiality and to not disseminate / share any information related to the organization to third parties.
- (vi) To be responsible for maintaining the security of properties belonging to the organization.

COURSE PLAN – PART II

COURSE ACTIVITIES

S.No.	Week/Contact Hours	Topic
1	Winter or Summer Vacation (Minimum of 60 Days)	The student should undergo industrial training/internship for of two months during the vacation of 3rd year.

COURSE ASSESSMENT METHODS

S.No.	Mode of Assessment	Week/Date	Duration	% Weightage
1	Industrial Training report	Seventh Semester 2 nd Weeks	NA	50%
2	Presentation by the student	Seventh Semester 4 th Weeks	NA	50%

COURSE EXIT SURVEY (mention the ways in which the feedback about the course shall be assessed)

Course Exit survey will be collected at the end of the semester before the start of semester examination through online. Students can log in their MIS account to give the feedback. Mid-semester anonymous feedback shall be collected to improve the teaching-learning process. Apart from this, students can share feedback during class committee meetings.

COURSE POLICY (preferred mode of correspondence with students, compensation assessment policy to be specified)

- Attending the internship are compulsory, no separate compensation will be kept

ACADEMIC DISHONESTY & PLAGIARISM

- Within the training period, the student is wholly responsible to the organization where he or she has been placed. This means that the student must observe specified office hours, and must adhere to all rules and regulations of the organization, just like the other staff within the organization, during the entire training period.
- Copying from others during a Report preparation will be treated as punishable dishonesty.
- Zero mark to be awarded for the offenders. For copying from another student, both students get the same penalty of zero mark.
- The departmental disciplinary committee including the course faculty member, PAC chairperson and the HoD, as members shall verify the facts of the malpractice and award the punishment if the student is found guilty. The report shall be submitted to the Academic

office.


The above policy against academic dishonesty shall be applicable for all the programmes.

FOR APPROVAL

Course Faculty



CC-Chairperson



HOD

