

Industry Attachment Programme (IAP)
(2-4-12 model)

“Industry Attachment Programme (IAP)” has been evolved to make the Mechanical Engineering student’s **role ready** at the time of their graduation. Generally, students undergo an internship programme during their final semester, which it is felt will not be adequate to imbibe industry expectations to make a meaningful impact on the student. Keeping this in mind, a programme called “Industry Attachment Programme”, has been established where students will undergo internship from their second year onwards.

The programme envisages a select batch of students to undergo one week training during winter vacation of II, III and IV years in selected industry and an internship for 2 weeks, 4 weeks and 12 weeks during their summer vacation of II, III and IV year respectively, with the same industry. This arrangement facilitates the students to understand the nitty-gritty of the industry operations thoroughly as well as the industry to have a critical appraisal of the student for possible employment.

Besides the students, a faculty member is also deputed along with the students to learn the industry practices and upgrade their skills to develop into effective teachers.

Basic Training schedule:

Types of Training	Duration	Batch	Year	Total No. of Students
Training Module-I	5 days	Between 3 rd & 4 th sem – winter vacation	II year	6 or more
Internship-I	2 weeks	Between 4 th & 5 th sem – summer vacation	II year	
Training Module-II	5 days	Between 5 th & 6 th sem – winter vacation	III year	
Internship-II & project identification	4 weeks	Between 6 th & 7 th sem – summer vacation	III Year	
Training Module-III	5 days	Between 7 th & 8 th sem – winter vacation	IV Year	
Internship-III & Project submission	12 weeks	During 8 th sem	IV year	

Roots Training Details

S.N	Name of the Industry	Total No. of Students	Accompany Staff Name	Duration of the Training	Academic Year
01	Roots Group of Companies, Coimbatore	15	M.Gideon Ganesh AP/Mech	05.06.17 to 16.06.17	2016-2017



Role of Metrology in Car Manufacturing

Knowledge: The science of measurement, both in terms of the objects being measured and the process by which the measurements are made, is essential to the development of modern industry. In the case of car manufacturing, metrology is used to ensure that the parts of a car are made to the correct specifications. This is done by using measuring tools that are calibrated against a standard. If the measurements are not correct, the car will not fit together properly and may not work correctly.

Skills: Metrology is a highly technical field that requires a high level of precision and accuracy. It involves the use of a variety of measuring tools and techniques, and it is essential to the production of high-quality products.

From Industries India 1 Week