

Government of Karnataka
Department of Technical Education
Board of Technical Examinations, Bengaluru

Course Title: : In plant Tanning		Course Code: 15MC66P
Credits: 2	L:T:P=0:0:4	Core/ Elective: Core
CIE= 25 Marks		Total Contact Days: 10 or 52 Hrs/Sem

Prerequisites: Knowledge of First to Six semester courses of Diploma in Mechatronics Engineering.

Course Objective: To provide opportunity for the students to undergo a minimum of **Ten full days** Training in mechatronics or mechatronics related industries and acquire Knowledge and practical skills.

Course Outcome: On successful completion of the course, the students will be able to:

1. Apply the theoretical knowledge in industrial scenarios
2. Communicate between the peers effectively while undergoing Training
3. Learn and acquire the practical skills through In plant Training.

Course Outcome		Cognitive Level	Linked with PO
CO1	Apply the theoretical knowledge in industrial scenarios	Application/Analyze/ Evaluation	2,3
CO2	Communicate between the peers effectively while undergoing Training		9
CO3	Learn and acquire the practical skills through In plant Training.		10

Mapping of Course Outcomes with Program Outcomes

Course	Programme Outcomes									
	1	2	3	4	5	6	7	8	9	10
In plant Tanning	-	3	3	-	-	-	-	-	3	2

Instructions

1. In-plant training is a training in any mechatronics or mechatronics related industries or establishment by the student of final year diploma in Mechatronics engineering to expose for industrial environment.
2. The period of in-plant training should be Ten Full days in Sixth Semester. The period of training and other modalities will be decided by the respective department head in consultation with industry authorities.
3. The Guide has liberty to select any organization/industry of with prior approval of principal of the institute.
4. Structured training should be arranged by guide and report of the same should be submitted by the individual student
5. The students can take in plant training in any one of the following industries.(Any Similar Industries may be considered)
 - Public sector enterprises
 - State government undertaking
 - Public limited companies
 - Private limited companies
 - Individual ownership organisations
 - Karnataka State Road Transport depot work shops
 - Karnataka State Road Transport Regional body building work shops
 - Karnataka Milk Federations Milk Processing and chilling units
 - Agro based industries
 - Farm machinery equipments manufacturing units
 - Local leading automobile dealer workshops
 - Stone crushers / Cement mix plant/ service stations of JCBs and other earthmoving equipment
 - Local heavy fabrication units
 - Power looms
 - Local cement industries
 - Paper mills
 - Sugar factories
 - Textile industry / Textile machinery manufacturing / garment manufacturing / embroidery / textile printing and dyeing units.
 - Any ancillary units
 - All MSMEs, recognised by state government
 - Karnataka power transmission sub stations
 - The power generation units
 - Local diesel power plants
 - Automobile manufacturing / press component / auto component manufacturing units in local polytechnic vicinity
 - Engineering Workshop

- Water Treatment Plant
 - Auto / Electronic equipment manufacturing industry.
 - P C B fabrication units
 - National Instruments
 - C E P A T
 - G T T C (Govt Tool room & Training Centre)
 - N T T F (Nettur Technical Training Foundation)
 - KEONICS
 - B S N L
 - Bosch Rexorth
 - Yokogava
 - Super Speciality Hospitals (if Medical Electronic is taken as Elective)
 - Apex-Hitech Institute
 - F T I (Foreman Training Institute)
4. The Student should abide the Rules and Regulations of the Industry/Establishment in all matters of conduct and discipline.
 5. The student shall maintain a report of his work during the period of his in-plant training in a Performa(Annexure-1)
 6. The Students are required to complete their in-plant training before commencement of sixth semester examinations
 7. The faculty and Industry supervisor will supervise and review the progress of the student work from time to time.

CIE Scheme of valuation

SL No	Particulars	Marks
1	Assessment of the Trainee by industry personnel	10
2	Seminar on implant training performance by student	10
3	In plant training Report	05
	TOTAL	25

Note: - 1) These are the suggested CIE Scheme of valuation for the guide. However the

Guide can select, design any CIE Scheme of valuation relevant to the Training

Keeping in mind the objectives of this course

2) The IA Verifier Should verify the certificate of In plant training issued by the

Respective organization.

ANNEXURE1

(To be issued in the company's Letterhead-Optional)

INPLANT TRAINING EVALUATION FORM

1. Name of the Student and Reg. No.-----
2. Father's Name : -----
3. Branch : -----
4. In plant training Offered : From----- To-----

5. Department (s) / Section (s) Report where the in plant trainee was conducted:

SL NO	Department (s)/Section(S)	Type of Work	Period	
			From	To

6. Evaluation of the Student with the following grades.

Grades	5 (High)	4	3	2	1 (Low)
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Sl NO	Assessment parameters	Grades awarded
1	Ability to Display the Technical Skills	
2	Knowledge Acquired During In plant training	
3	Attendance and Punctuality	
4	Ability to have cordial Relationships with the Peers	
5	Personal Conduct and Behaviour	

7. Areas where student excels:

8 Areas where student needs to improve:

9. Areas where student gained new skills.

10. Did student demonstrate continued progress throughout the In plant Training:

11. Was student's academic preparation sufficient for In plant Training?

12. Additional comments or suggestions for the improvement of the student?

Date:

Place:

Name / Signature of Officer In-charge (Training) :