

**C21\_ Curriculum**

**DIPLOMA IN ELECTRONICS AND  
COMMUNICATION ENGINEERING**



**OFFERED BY**

**STATE BOARD OF TECHNICAL EDUCATION & TRAINING,**

**TELANGANA: HYDERABAD**

## EC-601-INDUSTRIAL TRAINING

Course Title:	Industrial Training	Course Code	EC-601
Semester:	VI	Course Group	Practical
Teaching Scheme in Periods(L:T:P)	---	Credits	25
Methodology	Practical	Total Training Period	6 Months

**Rationale:** Industrial training is introduced in the VI semester for the students as a part of the program to make the passed out students industry ready thus saving the training and apprenticeship needs in the industry and also help in capacity building of the Telangana state and the country.

### Course Objective:

To enable the students to

1. Acquaint with Industry environment and culture.
2. Develop professional skills
3. Enhance the usage skills of modern tools
4. Develop Communication and leadership skills.
5. Encourage entrepreneurship

The industrial training shall carry 1000 marks and the passing minimum mark is **50%**. A candidate failing to secure the minimum marks should complete it at his own expense. No apprenticeship training stipend is payable in such case.

During training the candidate shall put in a minimum of 90% attendance. The Project report should be signed by the Organizational Representative and contain the observations made by the Candidate.

**OBJECTIVES:** On completion of a spell of practical training in an industry, the student will be able to –

- 1.0 Organisational set up
  - 1.1 Identify the type of organization
  - 1.2 Draw the organizational chart
  - 1.3 List the powers, duties/responsibilities of various organizational positions as per the above chart.
  - 1.4 Identify the various functions of the organization.
- 2.0 Automation of the organization

2.1 Identify the different atomized activities of the organization.

2.2 List the equipment, software used for each of the activities.

2.3 List various atomized operations you are trained/exposed to

- **Evaluation and assessment of Industrial Training**, shall be done and marks be awarded in the following manner, provided the candidates concerned have put up minimum 90% attendance of Industrial Training.

Mid-I Industrial assessment at Industry : 300 marks

Mid-II Industrial assessment at Industry : 300 marks

Institutional Internal Evaluation : 300 marks

Semester End Examination : 100 marks

(Seminar/viva-voce at Institution)

TOTAL

1000 marks

**Mid – I & II Industrial Assessment parameters at Industry:**

Sl No	Learning Parameter	Assessment I (First Quarter)	Assessment II (Second Quarter)
1	Attendance and punctuality	20	20
2	Familiarity of tools and material	30	30
3	Engineering skills	50	50
4	Application of knowledge & Problem solving skills	50	50
5	Comprehension and observation	10	10
6	Professionalism/Professional ethics	20	20
7	Safety and environmental consciousness	10	10
8	Communication skills	20	20
9	Supervisory skills	50	50
10	General conduct during the period	40	40
Total marks for Industry Evaluation		300	300
		600 marks	

**Institutional internal Assessment parameters**

<b>Institution Level Evaluation Scheme</b>			
<b>Sl No</b>	<b>Criteria</b>	<b>Marks</b>	<b>Time</b>
1	1 <sup>st</sup> Report Submission	50	After 8 Weeks
2	Seminar-I	50	9 <sup>th</sup> to 10 <sup>th</sup> week
3	2 <sup>nd</sup> Report Submission	50	After 18 weeks
4	Log book	100	Before Viva-Voce
5	Seminar-II	50	Before Viva-Voce
	<b>Institute Evaluation Total</b>	<b>300</b>	
<b>Semester End Examination</b>			
1	Viva-Voce	50	After 24 weeks
2	Presentation/Demonstration of skills	50	
	<b>Total</b>	<b>100</b>	

- The assessment at the institute level will be done by a minimum of three members i.e. Internal Faculty, Industrial Experts/External Examiner and H.O.D. and the same shall be averaged.