DIPLOMA IN ELECTRONICS & COMMUNICATION ENGINEERING

SCHEME OF INSTRUCTIONS AND EXAMINATION

VI SEMESTER

INDUSTRIAL TRAINING

(Practical Training)

Course Title	**: Industrial Training**	Course Code	**: 18EC-601P**
Semester	**: VI**	Course Group	**: Core**
Teaching Scheme in periods (L : T :P)	**: 0:0:7**	Credits	**: 25**
Methodology	**: Training**	Total Contact Periods	**: 6 months**

Rationale: Industrial 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 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.

- **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.

Industrial assessment at Industry	: 600 marks (in two spells of 300 marks each)
Institutional Evaluation	: 300 marks
Semester End Examination (Seminar/viva-voce at Institution)	: 100 marks
TOTAL	1000 marks

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	

Assessment parameters at Institution (End Examination)

Institution Level Evaluation Scheme			
Sl No	**Criteria**	**Marks**	**Time**
1	1st Report Submission	50	within 4 Weeks
2	Seminar-I	50	9th to 10th week
3	2nd Report Submission	50	Within 12 weeks
4	Log book	100	--
5	Seminar-II	50	Before Viva-Voce
	Institute Evaluation Total	**300**	
Semester End Examination			
1	Viva-Voce	50	After 24 weeks
2	Presentation/Demonstration of skills	50	
	Total	100	

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 shall be averaged

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.