Government Polytechnic, Mumbai

Department of Electrical Engineering

P-19 Curriculum (Sandwich Pattern)

Semester-VI

(Course Contents)

GOVERNMENT POLYTECHNIC MUMBAI

(Academically Autonoums Institute, Government of Maharashtra)

Teaching and Examination Scheme (P19)

With effect from AY 2019-20

Programme: Diploma in Electrical Engineering (Sandwich Pattern) **Term / Semester - VI**

Course Code	Course Title	Teaching Hours/Contact Hours				Credits	Examination Scheme (Marks)						
							Theory			PR	OR	TW	Total
		L	P	TU	Total		TH	TS1	TS2				
EE 19 311	In-Plant Training	--	40	--	40	20	--	--	--	--	100*	100*	200
	Total	**--**	**40**	**--**	**40**	**20**	--	--	--	--	**100**	**100**	**200**

Abbreviations: L- Theory Lecture, P-Practical, TU-Tutorial, TH- Theory Paper TS1 & TS2- Term Tests, PR-Practical, OR-Oral, TW: Term Work (progressive assessment)

***** Indicates assessment by External Examiner else internal assessment, # indicates Self, on- line learning Mode, @ indicates on line examination

Note: Duration of Examination--TS1&TS2 -1 hour, TH- 2 hours, PR/OR – 3 hours per batch, SCA- Library - 1 hour, Sports- 2 hours, Creative Activity-2 hours

Self, on- line learning Mode through MOOCs /Spoken Tutorials / NPTEL / SWAYAM / FOSSEE etc.

Department Coordinator,
Curriculum Development,
Dept. of Electrical Engineering

Head of Department
Dept. of Electrical Engineering

In-Charge
Curriculum Development Cell

Principal

Programme : **Diploma in Electrical Engineering.**										
Course Code: EE 19 311				Course Title: In-Plant Training						
Compulsory / Optional: **C**										
Teaching Scheme and Credits				Examination Scheme						
L	P	TU	Total	TH (2 Hr 30 Min)	TS1 (1 Hr)	TS2 (1Hr)	PR	OR	TW	Total
-	**40^**	**--**	**20**	**--**	**--**	**--**	**--**	**100***	**100***	**200**

Abbreviations: L- Theory Lecture, P-Practical, TU-Tutorial, TH- Theory Paper TS1 & TS2- Term Tests, PR-Practical, OR-Oral, TW: Term Work (progressive assessment) , * Indicates assessment by External Examiner else internal practical skill test , # indicates Self, on- line learning Mode, @ indicates on line examination

(^) Twenty weeks Industrial Training

Note: For Minimum passing marks under various heads, refer, examination rule AR 26. Two practical skill tests are to be conducted. First skill test at mid-term and second skill test at the end of the term

Rationale:

We are in the era of skill development. Indian industrial sector is passing through highly competitive phase due to globalization. Cut throat competition is predominant and quality is one of the decisive factors for sustainability. Quality has become a decisive factor in attracting students and faculty to an institution. The institutions which offer quality education will survive present scenario. Quality education cannot be complete without Implant training.

Implant Training provides an exposure to industry work culture, under the guidance of experienced persons within the organization. This exposure will include all or most of the following aspects of business: management; personnel policy, financial, marketing and purchasing functions, legal and social aspects, operations and technical activities. This mechanism of Implant training also provides an opportunity for the industries to contribute during the formative period of student's development.

Course Outcomes: Student should be able:

EE19 311.1	To gain first-hand experience of working as an engineering professional, including the technical application of engineering methods.
EE19 311.2	To work with other engineering professionals and to experience the discipline of working in a professional organization.
EE19 311.3	To develop technical, interpersonal and communication skills, both oral and written.
EE19 311.4	To develop insight into communication aspects of engineers with other professional groups.
EE19 311.5	To observe the functioning and organization of business and companies and prepare the reports
EE19 311.6	Exposure to management programmes and systems, effective administration methods and compile the information

CO Vs PO and CO Vs PSO Mapping

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
EE19 311.1	2	3	3	3	3	3	3	2	1	2
EE19 311.2	2	3	3	3	3	3	3	2	2	2
EE19 311.3	2	-	2	3	3	3	3	2	2	2
EE19 311.4	2	-	2	3	3	3	3	3	3	3
EE19 311.5	2	-	2	3	3	3	3	1	1	1
EE19 311.6	3	1	3	3	3	3	3	1	1	1

Industry Consultation Committee:

Sr. No	Name	Designation	Institute/Organisation
1			
2			
3			
4	Name of Faculty: Prof. S.B. visvarupe A.K. Dhulshette (Curriculum Content Designer)	HOD Electrical Engg. Deptt. Selection Grade Lecturer	Govt. Polytechnic Mumbai

Coordinator,

Curriculum Development,

Department of _____

Head of Department

Department of _____

I/C, Curriculum Development Cell

Principal