



GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for Diploma of Vocation (D.Voc), 2nd Semester

Branch: Architectural Assistantship

Subject Name ON JOB TRAINING (OJT) (ELECTIVE):

BUILDING ENVELOPE – I: MATERIAL AND EXECUTION

Subject Code: 1220607

With effective
from academic
year 2021- 22

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks				Total Marks
L	P	OJT		Theory		Tutorial / Practical		
			University exams (ESE)	Progressive Assessment (PA)	External Practical/ Viva Exam (ESE)	Internal Practical/ Viva Exam (ESE)		
-	-	15	15	-	-	100	100	200

L-Lecture; P-Practical; OJT – On Job Training; C – Credit; ESE – End Semester Examination; PA – Progressive Assessment

SEMESTER II

Contents:

- Building Material: Stone, lime, timber, bricks, cement, aggregate, mortar, steel, concrete, R.C.C. - their physical and behavioral properties,
- Characteristics and application techniques, criteria for selection of materials based on design and market forms available.
- Joinery details, application of material, availability of material, etc. to be considered while designing.