

GUJARAT TECHNOLOGICAL UNIVERSITY

Subject Code	Subject Name	Teaching Scheme(Hours)			Credits	Examination Marks			Total Marks	Branch Code
		Theory	Tutorial	Practical		External Exam (Theory)	Mid Sem. Exam (Theory)	Practical		
Branch Code : 02 DIPLOMA IN AUTOMOBILE ENGINEERING (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	2
310034	Mathematics-I	4	0	0	4	70	30	0	100	2
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	2
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	2
310029	Engineering Drawing	2	0	4	6	70	30	50	150	2
310030	Engineering Mechanics	3	0	2	5	70	30	50	150	2
310018	Computer Applications	0	0	4	4	0	0	100	100	2
320005	Non Conventional Energy Sources	3	0	0	3	70	30	0	100	2
Branch Code : 03 DIPLOMA IN BIOMEDICAL ENGINEERING (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	3
310034	Mathematics-I	4	0	0	4	70	30	0	100	3
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	3
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	3
310029	Engineering Drawing	2	0	4	6	70	30	50	150	3
310042	Office Automation	0	0	4	4	0	0	100	100	3
310023	Electronic Materials & Components	3	0	0	3	70	30	0	100	3
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	3
Branch Code : 05 DIPLOMA IN CHEMICAL ENGINEERING (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	5
310034	Mathematics-I	4	0	0	4	70	30	0	100	5
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	5
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	5
310029	Engineering Drawing	2	0	4	6	70	30	50	150	5
310018	Computer Applications	0	0	4	4	0	0	100	100	5
310036	Physical Analytical & Inorganic Chemistry	3	0	2	5	70	30	50	150	5
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	5

Subject Code	Subject Name	Teaching Scheme(Hours)			Credits	Examination Marks			Total Marks	Branch Code
		Theory	Tutorial	Practical		External Exam (Theory)	Mid Sem. Exam (Theory)	Practical		
Branch Code : 06 DIPLOMA IN CIVIL ENGINEERING (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	6
310034	Mathematics-I	4	0	0	4	70	30	0	100	6
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	6
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	6
310029	Engineering Drawing	2	0	4	6	70	30	50	150	6
320004	Fundamentals of Electrical Engineering	3	0	2	5	70	30	50	150	6
310018	Computer Applications	0	0	4	4	0	0	100	100	6
320005	Non Conventional Energy Sources	3	0	0	3	70	30	0	100	6
Branch Code : 07 DIPLOMA IN COMPUTER ENGINEERING (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	7
310034	Mathematics-I	4	0	0	4	70	30	0	100	7
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	7
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	7
320016	Programming in C	2	0	4	6	70	30	50	150	7
310042	Office Automation	0	0	4	4	0	0	100	100	7
310023	Electronic Materials & Components	3	0	0	3	70	30	0	100	7
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	7
Branch Code : 09 DIPLOMA IN ELECTRICAL ENGINEERING (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	9
310034	Mathematics-I	4	0	0	4	70	30	0	100	9
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	9
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	9
320007	Elements of Civil Engineering	2	0	2	4	70	30	50	150	9
320003	Elements of Mechanical Engineering	2	0	2	4	70	30	50	150	9
310030	Engineering Mechanics	3	0	2	5	70	30	50	150	9
310049	Workshop	0	0	4	4	0	0	100	100	9
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	9
Branch Code : 11 DIPLOMA IN ELECTRONICS AND COMMUNICATION (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	11
310034	Mathematics-I	4	0	0	4	70	30	0	100	11
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	11
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	11
320016	Programming in C	2	0	4	6	70	30	50	150	11
310042	Office Automation	0	0	4	4	0	0	100	100	11
310023	Electronic Materials & Components	3	0	0	3	70	30	0	100	11
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	11

Subject Code	Subject Name	Teaching Scheme(Hours)			Credits	Examination Marks			Total Marks	Branch Code
		Theory	Tutorial	Practical		External Exam (Theory)	Mid Sem. Exam (Theory)	Practical		
Branch Code : 13 DIPLOMA IN ENVIRONMENTAL ENGINEERING (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	13
310034	Mathematics-I	4	0	0	4	70	30	0	100	13
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	13
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	13
310029	Engineering Drawing	2	0	4	6	70	30	50	150	13
310030	Engineering Mechanics	3	0	2	5	70	30	50	150	13
310018	Computer Applications	0	0	4	4	0	0	100	100	13
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	13
Branch Code : 16 DIPLOMA IN INFORMATION TECHNOLOGY (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	16
310034	Mathematics-I	4	0	0	4	70	30	0	100	16
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	16
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	16
320016	Programming in C	2	0	4	6	70	30	50	150	16
310042	Office Automation	0	0	4	4	0	0	100	100	16
310023	Electronic Materials & Components	3	0	0	3	70	30	0	100	16
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	16
Branch Code : 17 DIPLOMA IN INSTRUMENTATION & CONTROL ENGINEERING (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	17
310034	Mathematics-I	4	0	0	4	70	30	0	100	17
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	17
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	17
310029	Engineering Drawing	2	0	4	6	70	30	50	150	17
310042	Office Automation	0	0	4	4	0	0	100	100	17
310023	Electronic Materials & Components	3	0	0	3	70	30	0	100	17
320005	Non Conventional Energy Sources	3	0	0	3	70	30	0	100	17
Branch Code : 19 DIPLOMA IN MECHANICAL ENGINEERING (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	19
310034	Mathematics-I	4	0	0	4	70	30	0	100	19
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	19
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	19
310029	Engineering Drawing	2	0	4	6	70	30	50	150	19
320004	Fundamentals of Electrical Engineering	3	0	2	5	70	30	50	150	19
310018	Computer Applications	0	0	4	4	0	0	100	100	19
320005	Non Conventional Energy Sources	3	0	0	3	70	30	0	100	19

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		Theory	Tutorial	Practical		External Exam (Theory)	Mid Sem. Exam (Theory)	Practical		
Branch Code : 20 DIPLOMA IN MECHATRONICS ENGINEERING (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	20
310034	Mathematics-I	4	0	0	4	70	30	0	100	20
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	20
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	20
310029	Engineering Drawing	2	0	4	6	70	30	50	150	20
310030	Engineering Mechanics	3	0	2	5	70	30	50	150	20
310033	Fundamental of Electronics	3	0	2	5	70	30	50	150	20
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	20
Branch Code : 21 DIPLOMA IN METALLURGY ENGINEERING (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	21
310034	Mathematics-I	4	0	0	4	70	30	0	100	21
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	21
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	21
310029	Engineering Drawing	2	0	4	6	70	30	50	150	21
310030	Engineering Mechanics	3	0	2	5	70	30	50	150	21
310018	Computer Applications	0	0	4	4	0	0	100	100	21
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	21
Branch Code : 22 DIPLOMA IN MINING ENGINEERING (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	22
310034	Mathematics-I	4	0	0	4	70	30	0	100	22
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	22
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	22
310029	Engineering Drawing	2	0	4	6	70	30	50	150	22
310030	Engineering Mechanics	3	0	2	5	70	30	50	150	22
310018	Computer Applications	0	0	4	4	0	0	100	100	22
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	22
Branch Code : 23 DIPLOMA IN PLASTICS ENGINEERING (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	23
310034	Mathematics-I	4	0	0	4	70	30	0	100	23
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	23
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	23
310029	Engineering Drawing	2	0	4	6	70	30	50	150	23
310030	Engineering Mechanics	3	0	2	5	70	30	50	150	23
310018	Computer Applications	0	0	4	4	0	0	100	100	23
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	23

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		Theory	Tutorial	Practical		External Exam (Theory)	Mid Sem. Exam (Theory)	Practical		
Branch Code : 24 DIPLOMA IN POWER ELECTRONICS ENGINEERING (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	24
310034	Mathematics-I	4	0	0	4	70	30	0	100	24
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	24
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	24
310029	Engineering Drawing	2	0	4	6	70	30	50	150	24
310042	Office Automation	0	0	4	4	0	0	100	100	24
310023	Electronic Materials & Components	3	0	0	3	70	30	0	100	24
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	24
Branch Code : 28 DIPLOMA IN TEXTILE PROCESSING TECHNOLOGY (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	28
310034	Mathematics-I	4	0	0	4	70	30	0	100	28
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	28
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	28
310029	Engineering Drawing	2	0	4	6	70	30	50	150	28
310018	Computer Applications	0	0	4	4	0	0	100	100	28
310027	Elements of Textile Technology	3	0	2	5	70	30	50	150	28
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	28
Branch Code : 29 DIPLOMA IN TEXTILE MANUFACTURING TECHNOLOGY (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	29
310034	Mathematics-I	4	0	0	4	70	30	0	100	29
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	29
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	29
310029	Engineering Drawing	2	0	4	6	70	30	50	150	29
310018	Computer Applications	0	0	4	4	0	0	100	100	29
310026	Elements of Textile Processing	3	0	2	5	70	30	50	150	29
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	29
Branch Code : 50 DIPLOMA IN ARCHITECTURAL ASSISTANTSHIP (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	50
310006	Building Material- I	4	0	0	4	70	30	0	100	50
310021	Drawing & Painting-I	0	0	6	3	0	0	100	100	50
310043	Building Drawing	0	0	6	3	0	0	100	100	50
310044	Model Making	0	0	4	2	0	0	100	100	50
310003	Architecture Drawing- I	0	0	8	4	0	0	100	100	50

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		Theory	Tutorial	Practical		External Exam (Theory)	Mid Sem. Exam (Theory)	Practical		
Branch Code : 51 DIPLOMA IN COMPUTER AIDED COSTUME DESIGN & DRESS MAKING (Semester I)										
310011	Clothing Construction- I	1	0	6	4	70	30	50	150	51
310047	Computer Application – I	1	0	6	4	70	30	50	150	51
310004	Art & Design	2	0	6	5	70	30	50	150	51
310039	Textile Science	2	0	2	4	70	30	50	150	51
310035	Personality Development & Communication Skills	2	0	2	4	70	30	50	150	51
Branch Code : 52 DIPLOMA IN CERAMIC TECHNOLOGY (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	52
310034	Mathematics-I	4	0	0	4	70	30	0	100	52
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	52
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	52
310029	Engineering Drawing	2	0	4	6	70	30	50	150	52
310018	Computer Applications	0	0	4	4	0	0	100	100	52
310010	Ceramic Materials	3	0	2	5	70	30	50	150	52
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	52
Branch Code : 53 DIPLOMA IN COMMERCIAL ART (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	53
310001	Advertising and Communication	3	0	0	3	70	30	0	100	53
310046	Sketching and Drawing	1	0	6	4	70	30	50	150	53
310045	Object Drawing	1	0	6	4	70	30	50	150	53
310012	Colour	1	0	6	4	70	30	50	150	53
310048	Arts and Crafts	0	0	6	3	0	0	100	100	53
Branch Code : 54 DIPLOMA IN COMMERCIAL PRACTICE (Semester I)										
310007	Business Communication I	3	0	2	5	70	30	50	150	54
310037	Principles and Practice of Accounting	4	0	2	6	70	30	50	150	54
310009	Business Organization and Management	4	0	2	6	70	30	50	150	54
310038	Principles of Economics I	4	0	2	6	70	30	50	150	54
310008	Business Mathematics	4	0	2	6	70	30	50	150	54
310019	Computer-I	2	0	4	6	70	30	50	150	54

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		Theory	Tutorial	Practical		External Exam (Theory)	Mid Sem. Exam (Theory)	Practical		
Branch Code : 55 DIPLOMA IN FABRICATION TECHNOLOGY (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	55
310034	Mathematics-I	4	0	0	4	70	30	0	100	55
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	55
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	55
310029	Engineering Drawing	2	0	4	6	70	30	50	150	55
310030	Engineering Mechanics	3	0	2	5	70	30	50	150	55
310018	Computer Applications	0	0	4	4	0	0	100	100	55
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	55
Branch Code : 56 DIPLOMA IN HOME SCIENCE (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	56
310024	Elementary Clothing & Textiles	4	0	4	8	70	30	50	150	56
310020	Cooking Methods	2	0	6	5	70	30	50	150	56
310025	Elementary Home Management	4	0	4	8	70	30	50	150	56
310032	First Aid & Home Nursing	2	0	2	4	70	30	50	150	56
Branch Code : 58 DIPLOMA IN PRINTING TECHNOLOGY (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	58
310034	Mathematics-I	4	0	0	4	70	30	0	100	58
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	58
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	58
310029	Engineering Drawing	2	0	4	6	70	30	50	150	58
310030	Engineering Mechanics	3	0	2	5	70	30	50	150	58
310018	Computer Applications	0	0	4	4	0	0	100	100	58
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	58

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		Theory	Tutorial	Practical		External Exam (Theory)	Mid Sem. Exam (Theory)	Practical		
Branch Code : 59 DIPLOMA IN TEXTILE DESIGNING (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	59
310022	Drawing Sketching & Painting-I	2	0	8	6	70	30	50	150	59
310028	Elements of Textile Technology (212 of DTPT)	3	0	2	5	70	30	50	150	59
310005	Basic Design & Colour	2	0	8	6	70	30	50	150	59
Branch Code : 60 DIPLOMA IN TRANSPORTATION ENGINEERING (Semester I)										
310015	Communication Skill	4	0	0	4	70	30	0	100	60
310034	Mathematics-I	4	0	0	4	70	30	0	100	60
310002	Applied Science-I [Physics]	2	0	0	2	70	30	0	100	60
310041	Engineering Measurements-I	0	0	2	2	0	0	100	100	60
310029	Engineering Drawing	2	0	4	6	70	30	50	150	60
310030	Engineering Mechanics	3	0	2	5	70	30	50	150	60
310018	Computer Applications	0	0	4	4	0	0	100	100	60
310031	Essentials of Environment & Seismic Engineering	3	0	0	3	70	30	0	100	60
Branch Code : 81 DIPLOMA IN CIVIL ENGINEERING (DLM)(Semester I)										
310015	Communication Skill	0	3	0	4	70	30	0	100	81
310034	Mathematics-I	0	3	0	4	70	30	0	100	81
310002	Applied Science-I [Physics]	0	1	0	2	70	30	0	100	81
310029	Engineering Drawing	0	0	40	6	70	30	50	150	81
310030	Engineering Mechanics	0	3	16	5	70	30	50	150	81
310018	Computer Applications				4	0	0	100	100	81
Branch Code : 82 DIPLOMA IN MECHANICAL ENGINEERING (DLM) (Semester I)										
310015	Communication Skill	0	3	0	4	70	30	0	100	82
310034	Mathematics-I	0	3	0	4	70	30	0	100	82
310002	Applied Science-I [Physics]	0	1	0	2	70	30	0	100	82
310029	Engineering Drawing	0	0	40	6	70	30	50	150	82
310030	Engineering Mechanics	0	3	16	5	70	30	50	150	82
310049	Workshop	0	0	30	4	0	0	100	100	82
Branch Code : 83 DIPLOMA IN ELECTRICAL ENGINEERING (DLM) (Semester I)										
310015	Communication Skill	0	3	0	4	70	30	0	100	83
310034	Mathematics-I	0	3	0	4	70	30	0	100	83
310002	Applied Science-I [Physics]	0	1	0	2	70	30	0	100	83
310041	Engineering Measurements-I	0	0	20	2	0	0	100	100	83
310029	Engineering Drawing	0	0	40	6	70	30	50	150	83
310030	Engineering Mechanics	0	3	16	5	70	30	50	150	83