

# 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)	Internal Assessment		
<b>Branch Code : 1 Aeronautical Engineering (Semester III)</b>										
130001	MATHEMATICS-3	3	2	0	5	70	20	10	100	1
131901	ELECTRICAL MACHINES AND ELECTRONICS	3	1	0	4	70	20	10	100	1
130101	FLUID MECHANICS	3	0	2	5	70	20	10	100	1
130102	CHEMISTRY FOR AERONAUTICAL ENGG.	4	0	1	5	70	20	10	100	1
130103	ANALYSIS OF MECHANISM & MACHINE ELEMENTS	3	2	0	5	70	20	10	100	1
130104	INTRODUCTION OF PROFESSION	3	0	2	5	70	20	10	100	1
<b>Branch Code : 2 Automobile Engineering (Semester III)</b>										
130001	MATHEMATICS-3	3	2	0	5	70	20	10	100	2
131901	ELECTRICAL MACHINES AND ELECTRONICS	3	1	0	4	70	20	10	100	2
131902	MACHINE DESIGN & INDUSTRIAL DRAFTING	4	0	2	6	70	20	10	100	2
131904	MATERIAL SCIENCE AND METALLURGY	4	0	2	6	70	20	10	100	2
131903	MANUFACTURING PROCESS-1	4	0	2	6	70	20	10	100	2
130101	FLUID MECHANICS	3	0	2	5	70	20	10	100	2
<b>Branch Code : 3 Bio-Medical Engineering (Semester III)</b>										
130001	MATHEMATICS-3	3	2	0	5	70	20	10	100	3
131101	BASIC ELECTRONICS	4	0	2	6	70	20	10	100	3
130901	CIRCUITS AND NETWORKS	4	0	2	6	70	20	10	100	3
130701	DIGITAL LOGIC DESIGN	4	0	2	6	70	20	10	100	3
130301	LIFE SCIENCE-1	4	0	1	5	70	20	10	100	3
130302	SIMULATION AND DESIGN TOOLS	0	0	2	2	0	0	100	100	3
<b>Branch Code : 4 Bio-Technology (Semester III)</b>										
130401	INTRODUCTORY BIOLOGY	2	0	0	2	70	20	10	100	4
130402	CELL BIOLOGY	3	0	3	6	70	20	10	100	4
130403	BASIC BIOCHEMISTRY	3	0	3	6	70	20	10	100	4
130404	ORGANIC CHEMISTRY AND UNIT PROCESSES	3	0	3	6	70	20	10	100	4
130001	MATHEMATICS-3	3	2	0	5	70	20	10	100	4
130405	THERMODYNAMICS	4	1	0	5	70	20	10	100	4





<b>Branch Code : 15 Industrial Engineering (Semester III)</b>										
130001	MATHEMATICS-3	3	2	0	5	70	20	10	100	15
131901	ELECTRICAL MACHINES AND ELECTRONICS	3	1	0	4	70	20	10	100	15
131902	MACHINE DESIGN & INDUSTRIAL DRAFTING	4	0	2	6	70	20	10	100	15
131904	MATERIAL SCIENCE AND METALLURGY	4	0	2	6	70	20	10	100	15
131903	MANUFACTURING PROCESS-1	4	0	2	6	70	20	10	100	15
130101	FLUID MECHANICS	3	0	2	5	70	20	10	100	15
<b>Branch Code : 16 Information Technology (Semester III)</b>										
130001	MATHEMATICS-3	3	2	0	5	70	20	10	100	16
131101	BASIC ELECTRONICS	4	0	2	6	70	20	10	100	16
130702	DATA AND FILE STRUCTURE	3	0	2	5	70	20	10	100	16
130701	DIGITAL LOGIC DESIGN	4	0	2	6	70	20	10	100	16
130703	DATABASE MANAGEMENT SYSTEM	3	0	2	5	70	20	10	100	16
131601	BUSINESS INFORMATION SYSTEM	3	0	0	3	70	20	10	100	16
<b>Branch Code : 17 Instrumentation &amp; Control Engineering (Semester III)</b>										
130001	MATHEMATICS-3	3	2	0	5	70	20	10	100	17
131101	BASIC ELECTRONICS	4	0	2	6	70	20	10	100	17
130901	CIRCUITS AND NETWORKS	4	0	2	6	70	20	10	100	17
130701	DIGITAL LOGIC DESIGN	4	0	2	6	70	20	10	100	17
131701	ELECTRICAL MACHINES	3	0	0	3	70	20	10	100	17
131702	SIMULATION AND DESIGN TOOLS	0	0	2	2	0	0	100	100	17
131703	INSTRUMENTATION WORKSHOP	0	0	2	2	0	0	100	100	17
<b>Branch Code : 18 Marine Engineering (Semester III)</b>										
130001	MATHEMATICS-3	3	2	0	5	70	20	10	100	18
131901	ELECTRICAL MACHINES AND ELECTRONICS	3	1	0	4	70	20	10	100	18
131902	MACHINE DESIGN & INDUSTRIAL DRAFTING	4	0	2	6	70	20	10	100	18
131904	MATERIAL SCIENCE AND METALLURGY	4	0	2	6	70	20	10	100	18
131903	MANUFACTURING PROCESS-1	4	0	2	6	70	20	10	100	18
130101	FLUID MECHANICS	3	0	2	5	70	20	10	100	18
<b>Branch Code : 19 Mechanical Engineering (Semester III)</b>										
130001	MATHEMATICS-3	3	2	0	5	70	20	10	100	19
131901	ELECTRICAL MACHINES AND ELECTRONICS	3	1	0	4	70	20	10	100	19
131902	MACHINE DESIGN & INDUSTRIAL DRAFTING	4	0	2	6	70	20	10	100	19
131904	MATERIAL SCIENCE AND METALLURGY	4	0	2	6	70	20	10	100	19
131903	MANUFACTURING PROCESS-1	4	0	2	6	70	20	10	100	19
130101	FLUID MECHANICS	3	0	2	5	70	20	10	100	19





<b>Branch Code : 29 Textile Technology (Semester III)</b>										
130001	MATHEMATICS-3	3	2	0	5	70	20	10	100	29
132901	TEXTILE FIBERS	4	0	0	4	70	20	10	100	29
132902	YARN MANUFACTURING-I	4	0	2	6	70	20	10	100	29
132903	WEAVING-I	4	0	2	6	70	20	10	100	29
132904	TEXTILE PROCESSING-I	4	0	2	6	70	20	10	100	29
132905	BASIC ENGINEERING IN TEXTILE	3	0	0	3	70	20	10	100	29
<b>Branch Code : 31 Computer Science &amp; Engineering (Semester III)</b>										
130001	MATHEMATICS-3	3	2	0	5	70	20	10	100	31
131101	BASIC ELECTRONICS	4	0	2	6	70	20	10	100	31
130702	DATA AND FILE STRUCTURE	3	0	2	5	70	20	10	100	31
130701	DIGITAL LOGIC DESIGN	4	0	2	6	70	20	10	100	31
130703	DATABASE MANAGEMENT SYSTEM	3	0	2	5	70	20	10	100	31
130704	COMPUTER ORGANIZATION AND ARCHITECTURE	3	0	0	3	70	20	10	100	31