

## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:02 DIPLOMA PROGRAMME IN AUTOMOBILE ENGINEERING										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3330201</a>	AUTOMOBILE ENGINES	3	0	2	5	70	30	20	30	150
<a href="#">3330202</a>	AUTOMOBILE TRANSMISSION & MECHANISM	4	0	2	6	70	30	20	30	150
<a href="#">3330203</a>	AUTOMOBILE ELECTRICAL SYSTEM	3	0	2	5	70	30	20	30	150
<a href="#">3330204</a>	FUELS & LUBRICANTS	3	0	2	5	70	30	20	30	150
<a href="#">3330205</a>	AUTOMOBILE POLLUTION CONTROL ENGINEERING	3	0	2	5	70	30	20	30	150
<a href="#">3330206</a>	AUTOMOBILE COMPONENT DESIGN	4	0	2	6	70	30	20	30	150
TOTAL		20	0	12	32	420	180	120	180	900

ESE : END SEMESTER EXAM  
PA: PROGRESSIVE ASSESSMENT

L: LECTURE

P: PRACTICAL

T: TUTORIAL

ESE for Practical includes Viva/Practical exam/Performance etc.

PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals

PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term

## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE: 03 DIPLOMA PROGRAMME IN BIOMEDICAL ENGINEERING										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3330001</a>	HUMAN RESOURCE MANAGEMENT	2	0	0	2	70	30	0	0	100
<a href="#">3330301</a>	BASIC ELECTRONICS	4	0	4	8	70	30	40	60	200
<a href="#">3330302</a>	DATA COMMUNICATION & NETWORKING	3	0	2	5	70	30	20	30	150
<a href="#">3330303</a>	MEDICAL ELECTRONICS	4	0	4	8	70	30	40	60	200
<a href="#">3330304</a>	MEDICAL SENSORS & MEASUREMENT TECHNIQUE	5	0	2	7	70	30	20	30	150
TOTAL		18	0	12	30	350	150	120	180	800

**ESE : END SEMESTER EXAM**  
**PA: PROGRESSIVE ASSESSMENT**

**L: LECTURE**  
**P: PRACTICAL**  
**T: TUTORIAL**

**ESE for Practical includes Viva/Practical exam/Performance etc.**

**PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals**  
**PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term**

## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:05 DIPLOMA PROGRAMME IN CHEMICAL ENGINEERING										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3330501</a>	CHEMICAL ENGINEERING MATERIALS	3	2	0	5	70	30	0	0	100
<a href="#">3330502</a>	MECHANICAL OPERATIONS	4	0	4	8	70	30	40	60	200
<a href="#">3330503</a>	FLUID FLOW OPERATIONS	4	0	4	8	70	30	40	60	200
<a href="#">3330504</a>	INDUSTRIAL STOICHIOMETRY	3	2	0	5	70	30	0	0	100
<a href="#">3330505</a>	CHEMICAL PROCESS TECHNOLOGY-I	4	0	2	6	70	30	20	30	150
TOTAL		18	4	10	32	350	150	100	150	750

ESE : END SEMESTER EXAM  
PA: PROGRESSIVE ASSESSMENT

ESE for Practical includes Viva/Practical exam/Performance etc.

L: LECTURE

PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals

P: PRACTICAL

PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term

T: TUTORIAL

## GUJARAT TECHNOLOGICAL UNIVERSITY

<b>BRANCH CODE:06 DIPLOMA PROGRAMME IN CIVIL ENGINEERING</b>										
<b>SEMESTER - III</b>										
<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>TEACHING SCHEME</b>				<b>EXAMINATION SCHEME</b>				<b>GRAND TOTAL</b>
		<b>L</b>	<b>T</b>	<b>P</b>	<b>CREDITS (L+T+P)</b>	<b>THEORY MARKS</b>		<b>PRACTICAL MARKS</b>		
						<b>ESE</b>	<b>PA</b>	<b>ESE</b>	<b>PA</b>	
<a href="#">3330601</a>	BUILDING MATERIALS	3	0	2	5	70	30	20	30	150
<a href="#">3330602</a>	CONSTRUCTION TECHNOLOGY	3	0	2	5	70	30	20	30	150
<a href="#">3330603</a>	HYDRAULICS	3	1	2	6	70	30	20	30	150
<a href="#">3330604</a>	STRUCTURAL MECHANICS	4	1	2	7	70	30	20	30	150
<a href="#">3330605</a>	SURVEYING	3	0	6	9	70	30	60	90	250
<b>TOTAL</b>		16	2	14	32	350	150	140	210	850

**ESE : END SEMESTER EXAM**  
**PA: PROGRESSIVE ASSESSMENT**

**L: LECTURE**

**P: PRACTICAL**

**T: TUTORIAL**

**ESE for Practical includes Viva/Practical exam/Performance etc.**

**PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals**

**PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term**

## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:07 DIPLOMA PROGRAMME IN COMPUTER ENGINEERING										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3330701</a>	OPERATING SYSTEM	3	0	2	5	70	30	20	30	150
<a href="#">3330702</a>	PROGRAMMING IN C++	3	2	2	7	70	30	20	30	150
<a href="#">3330703</a>	DATABSE MANAGEMENT SYSTEM	3	2	2	7	70	30	20	30	150
<a href="#">3330704</a>	DATA STRUCTURE	3	2	2	7	70	30	20	30	150
<a href="#">3330705</a>	MICROPROCESSOR & ASSEMBLY LANGUAGE PROGRAMMING	3	0	2	5	70	30	20	30	150
TOTAL		15	6	10	31	350	150	100	150	750

ESE : END SEMESTER EXAM  
PA: PROGRESSIVE ASSESSMENT

L: LECTURE  
P: PRACTICAL  
T: TUTORIAL

ESE for Practical includes Viva/Practical exam/Performance etc.

PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals  
PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term

## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:09 DIPLOMA PROGRAMME IN ELECTRICAL ENGINEERING										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3330901</a>	AC CIRCUITS	3	2	2	7	70	30	20	30	150
<a href="#">3330902</a>	D C MACHINES AND TRANSFORMER	4	0	4	8	70	30	40	60	200
<a href="#">3330903</a>	ELECTRICAL INSTRUMENTION	4	0	2	6	70	30	20	30	150
<a href="#">3330904</a>	ELECTRICAL POWER GENERATION	4	2	0	6	70	30	20	30	150
<a href="#">3330905</a>	ELECTRONICS COMPONENTS AND CIRCUITS	4	0	2	6	70	30	20	30	150
TOTAL		19	4	10	33	350	150	120	180	800

ESE : END SEMESTER EXAM  
PA: PROGRESSIVE ASSESSMENT

L: LECTURE

P: PRACTICAL

T: TUTORIAL

ESE for Practical includes Viva/Practical exam/Performance etc.

PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals

PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term

## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:11 DIPLOMA PROGRAMME IN ELECTRONICS & COMMUNICATION ENGINEERING										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3331101</a>	ANTENNA & WAVE PROPAGATION	3	0	2	5	70	30	20	30	150
<a href="#">3331102</a>	ANALOG ELECTRONICS	4	0	4	8	70	30	40	60	200
<a href="#">3331103</a>	PRINCIPLE OF ELECTRONIC COMMUNICATION	3	0	2	5	70	30	20	30	150
<a href="#">3331104</a>	DIGITAL LOGIC DESIGN	3	1	2	6	70	30	20	30	150
<a href="#">3331105</a>	PROGRAMMING IN C	3	0	4	7	70	30	40	60	200
TOTAL		16	1	14	31	350	150	140	210	850

ESE : END SEMESTER EXAM  
PA: PROGRESSIVE ASSESSMENT

L: LECTURE

P: PRACTICAL

T: TUTORIAL

ESE for Practical includes Viva/Practical exam/Performance etc.

PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals

PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term

## GUJARAT TECHNOLOGICAL UNIVERSITY

<b>BRANCH CODE:13 DIPLOMA PROGRAMME IN ENVIRONMENT ENGINEERING</b>										
<b>SEMESTER - III</b>										
<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>TEACHING SCHEME</b>				<b>EXAMINATION SCHEME</b>				<b>GRAND TOTAL</b>
		<b>L</b>	<b>T</b>	<b>P</b>	<b>CREDITS (L+T+P)</b>	<b>THEORY MARKS</b>		<b>PRACTICAL MARKS</b>		
						<b>ESE</b>	<b>PA</b>	<b>ESE</b>	<b>PA</b>	
<a href="#">3330601</a>	BUILDING MATERIALS	3	0	2	5	70	30	20	30	150
<a href="#">3330605</a>	SURVEYING	3	0	6	9	70	30	60	90	250
<a href="#">3330604</a>	STRUCTURAL MECHANICS	4	1	2	7	70	30	20	30	150
<a href="#">3330603</a>	HYDRAULICS	3	1	2	6	70	30	20	30	150
<a href="#">3331301</a>	ENVIRONMENTAL SCIENCE	3	0	2	5	70	30	20	30	150
<b>TOTAL</b>		<b>16</b>	<b>2</b>	<b>14</b>	<b>32</b>	<b>350</b>	<b>150</b>	<b>140</b>	<b>210</b>	<b>850</b>

**ESE : END SEMESTER EXAM**  
**PA: PROGRESSIVE ASSESSMENT**

**L: LECTURE**  
**P: PRACTICAL**  
**T: TUTORIAL**

**ESE for Practical includes Viva/Practical exam/Performance etc.**

**PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals**  
**PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term**



## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:16 DIPLOMA PROGRAMME IN INFORMATION TECHNOLOGY										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3331601</a>	DIGITAL MEMORY SYSTEM	3	2	2	7	70	30	20	30	150
<a href="#">3330701</a>	OPERATING SYSTEM	3	0	2	5	70	30	20	30	150
<a href="#">3331602</a>	COMPUTER GRAPHICS	3	2	2	7	70	30	20	30	150
<a href="#">3330704</a>	DATA STRUCTURE	3	2	2	7	70	30	20	30	150
<a href="#">3331603</a>	SOFTWARE PRACTICES WITH VB.NET	0	2	2	4	0	0	40	60	100
TOTAL		12	8	10	30	280	120	120	180	700

**ESE : END SEMESTER EXAM**  
**PA: PROGRESSIVE ASSESSMENT**

**L: LECTURE**

**P: PRACTICAL**

**T: TUTORIAL**

**ESE for Practical includes Viva/Practical exam/Performance etc.**

**PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals**

**PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term**

## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:17 DIPLOMA PROGRAMME IN INSTRUMENTATION & CONTROL ENGINEERING										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3331701</a>	SAFETY INSTRUMENTED SYSTEMS & SAFETY INTEGRATED LEVEL	3	0	2	5	70	30	20	30	150
<a href="#">3331702</a>	TELEMETRY SYSTEM	3	0	2	5	70	30	20	30	150
<a href="#">3331703</a>	DIGITAL TECHNIQUES	4	0	2	6	70	30	20	30	150
<a href="#">3331704</a>	CONTROL COMPONENTS	3	0	4	7	70	30	40	60	200
<a href="#">3331705</a>	PROCESS APPLICATION & INSTRUMENTATION MAINTENANCE MANAGEMENT	3	0	2	5	70	30	20	30	150
<a href="#">3331706</a>	INSTRUMENTATION DRAWING	0	0	4	4	0	0	40	60	100
TOTAL		16	0	16	32	350	150	160	240	900

ESE : END SEMESTER EXAM  
PA: PROGRESSIVE ASSESSMENT

L: LECTURE

P: PRACTICAL

T: TUTORIAL

ESE for Practical includes Viva/Practical exam/Performance etc.

PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals

PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term

## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:19 DIPLOMA PROGRAMME IN MECHANICAL ENGINEERING										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3331901</a>	MANUFACTURING ENGINEERING-I	3	0	4	7	70	30	40	60	200
<a href="#">3331902</a>	THERMODYNAMICS	3	0	0	3	70	30	0	0	100
<a href="#">3331903</a>	FLUID MECHANICS AND HYDRAULIC MACHINES	4	0	2	6	70	30	20	30	150
<a href="#">3331904</a>	STRENGTH OF MATERIALS	3	0	2	5	70	30	20	30	150
<a href="#">3331905</a>	APPLIED ELECTRICAL AND ELECTRONIC ENGINEERING	3	0	2	5	70	30	20	30	150
<a href="#">3331906</a>	COMPUTER AIDED MACHINE DRAWING	0	0	4	4	0	0	40	60	100
<a href="#">3330001</a>	HUMAN RESOURCE MANAGEMENT	2	0	0	2	70	30	0	0	100
TOTAL		18	0	14	32	420	180	140	210	950

ESE : END SEMESTER EXAM  
PA: PROGRESSIVE ASSESSMENT

ESE for Practical includes Viva/Practical exam/Performance etc.

L: LECTURE

PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals

P: PRACTICAL

PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term

T: TUTORIAL

## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:20 DIPLOMA PROGRAMME MECHATRONICS ENGINEERING										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3330001</a>	HUMAN RESOURCE MANAGEMENT	2	0	0	2	70	30	0	0	100
<a href="#">3332001</a>	MANUFACTURING ENGINEERING - I	4	0	4	8	70	30	40	60	200
<a href="#">3321902</a>	MATERIAL SCIENCE AND METALLURGY	3	0	2	5	70	30	20	30	150
<a href="#">3332002</a>	DIGITAL CIRCUITS	4	0	2	6	70	30	20	30	150
<a href="#">3332003</a>	EMBEDDED VISUAL BASIC PRACTICE	0	0	4	4	0	0	40	60	100
<a href="#">3331904</a>	STRENGTH OF MATERIALS	3	0	2	5	70	30	20	30	150
TOTAL		16	0	14	30	350	150	140	210	850

ESE : END SEMESTER EXAM  
PA: PROGRESSIVE ASSESSMENT

L: LECTURE

P: PRACTICAL

T: TUTORIAL

ESE for Practical includes Viva/Practical exam/Performance etc.

PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals

PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term

## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:21 DIPLOMA PROGRAMME IN METALLURGY ENGINEERING										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3331905</a>	APPLIED ELECTRICAL AND ELECTRONIC ENGINEERING	3	0	2	5	70	30	20	30	150
<a href="#">3330001</a>	HUMAN RESOURCE DEVELOPMENT	2	0	0	2	70	30	0	0	100
<a href="#">3332101</a>	JOINING OF METALS	4	0	4	8	70	30	40	60	200
<a href="#">3332102</a>	METAL FORMING & POWDER METALLURGY	3	0	4	7	70	30	40	60	200
<a href="#">3332103</a>	NON FERROUS PRODUCTION METALLURGY	4	0	0	4	70	30	0	0	100
<a href="#">3332104</a>	FUEL FURNACES AND REFRACTORIES	4	0	0	4	70	30	0	0	100
TOTAL		20	0	10	30	420	180	100	150	850

**ESE : END SEMESTER EXAM**  
**PA: PROGRESSIVE ASSESSMENT**

**L: LECTURE**

**P: PRACTICAL**

**T: TUTORIAL**

**ESE for Practical includes Viva/Practical exam/Performance etc.**

**PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals**

**PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term**

## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:22 DIPLOMA PROGRAMME IN MINING ENGINEERING										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3332201</a>	INTRODUCTION TO MINING AND GEOLOGY	2	0	0	2	70	30	0	0	100
<a href="#">3332202</a>	MINING-I	3	0	2	5	70	30	20	30	150
<a href="#">3332203</a>	MINING GEOLOGY- I	3	0	2	5	70	30	20	30	150
<a href="#">3332204</a>	MINING MACHINERIES-I	4	0	2	6	70	30	20	30	150
<a href="#">3330605</a>	SURVEYING	3	0	6	9	70	30	60	90	250
<a href="#">3331905</a>	APPLIED ELECTRICAL AND ELECTRONIC ENGINEERING	3	0	2	5	70	30	20	30	150
TOTAL		18	0	14	32	420	180	140	210	950

ESE : END SEMESTER EXAM  
PA: PROGRESSIVE ASSESSMENT

L: LECTURE

P: PRACTICAL

T: TUTORIAL

ESE for Practical includes Viva/Practical exam/Performance etc.

PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals

PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term

## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:23 DIPLOMA PROGRAMME IN PLASTIC ENGINEERING										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3330001</a>	HUMAN RESOURCE MANAGEMENT	2	0	0	2	70	30	0	0	100
<a href="#">3332301</a>	BASIC MOULD DESIGN	3	0	4	7	70	30	40	60	200
<a href="#">3332302</a>	COMPRESSION TRANSFER & INJECTION MOULDING OF THERMOSE	3	0	4	7	70	30	40	60	200
<a href="#">3332303</a>	MOULD FABRICATION TECHNOLOGY-I	3	0	2	5	70	30	20	30	150
<a href="#">3332304</a>	PLASTIC MATERIALS-I	3	0	2	5	70	30	20	30	150
<a href="#">3332305</a>	TECHNOLOGY FOR INJECTION MOULDING	3	0	4	7	70	30	40	60	200
TOTAL		17	0	16	33	350	180	160	240	1000

ESE : END SEMESTER EXAM  
PA: PROGRESSIVE ASSESSMENT

ESE for Practical includes Viva/Practical exam/Performance etc.

L: LECTURE

PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals

P: PRACTICAL

PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term

T: TUTORIAL

## GUJARAT TECHNOLOGICAL UNIVERSITY

<b>BRANCH CODE:24 DIPLOMA PROGRAMME IN POWER ELECTRONICS</b>										
<b>SEMESTER - III</b>										
<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>TEACHING SCHEME</b>				<b>EXAMINATION SCHEME</b>				<b>GRAND TOTAL</b>
		<b>L</b>	<b>T</b>	<b>P</b>	<b>CREDITS (L+T+P)</b>	<b>THEORY MARKS</b>		<b>PRACTICAL MARKS</b>		
						<b>ESE</b>	<b>PA</b>	<b>ESE</b>	<b>PA</b>	
<a href="#">3330001</a>	HUMAN RESOURCE MANAGEMENT	2	0	0	2	70	30	0	0	100
<a href="#">3332401</a>	D.C. MACHINES AND TRANSFORMERS	4	0	2	6	70	30	20	30	150
<a href="#">3332402</a>	GENERATION & TRANSMISSION OF ELECTRICAL POWER	4	0	2	6	70	30	20	30	150
<a href="#">3332403</a>	ADVANCE ELECTRONIC DEVICES AND CIRCUITS	4	0	2	6	70	30	20	30	150
<a href="#">3332404</a>	ELEMENTS OF POWER ELECTRONICS	4	0	2	6	70	30	20	30	150
<a href="#">3332405</a>	LINEAR ELECTRONIC CIRCUITS	3	0	2	5	70	30	20	30	150
<b>TOTAL</b>		21	0	10	31	420	180	100	150	850

**ESE : END SEMESTER EXAM**  
**PA: PROGRESSIVE ASSESSMENT**

**ESE for Practical includes Viva/Practical exam/Performance etc.**

**L: LECTURE**

**PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals**

**P: PRACTICAL**

**PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term**

**T: TUTORIAL**



## GUJARAT TECHNOLOGICAL UNIVERSITY

<b>BRANCH CODE:28 DIPLOMA IN TEXTILE PROCESSING TECHNOLOGY</b>										
<b>SEMESTER - III</b>										
<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>TEACHING SCHEME</b>				<b>EXAMINATION SCHEME</b>				<b>GRAND TOTAL</b>
		<b>L</b>	<b>T</b>	<b>P</b>	<b>CREDITS (L+T+P)</b>	<b>THEORY MARKS</b>		<b>PRACTICAL MARKS</b>		
						<b>ESE</b>	<b>PA</b>	<b>ESE</b>	<b>PA</b>	
<a href="#">3330001</a>	HUMAN RESOURCE MANAGEMENT	2	0	0	2	70	30	0	0	100
<a href="#">3332901</a>	MECHANICAL ENGINEERING FOR TEXTILES	2	0	2	4	70	30	20	30	150
<a href="#">3332801</a>	BLEACHING TECHNOLOGY FOR TEXTILES	4	0	2	6	70	30	20	30	150
<a href="#">3332802</a>	DYEING TECHNOLOGY FOR NATURAL TEXTILES	4	0	4	8	70	30	40	60	200
<a href="#">3332803</a>	PRINTING TECHNOLOGY FOR NATURAL TEXTILES	4	0	4	8	70	30	40	60	200
<b>TOTAL</b>		16	0	12	28	350	150	120	180	800

**ESE : END SEMESTER EXAM**  
**PA: PROGRESSIVE ASSESSMENT**

**L: LECTURE**

**P: PRACTICAL**

**T: TUTORIAL**

**ESE for Practical includes Viva/Practical exam/Performance etc.**

**PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals**

**PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or  
Combination of all with prior intimation to the students at beginning of term**

## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE: 29 DIPLOMA IN TEXTILE MANUFACTURING TECHNOLOGY										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3330001</a>	HUMAN RESOURCE MANAGEMENT	2	0	0	2	70	30	0	0	100
<a href="#">3332901</a>	MECHANICAL ENGINEERING FOR TEXTILE	2	0	2	4	70	30	20	30	150
<a href="#">3332902</a>	YARN MANUFACTURING -II	3	0	4	7	70	30	40	60	200
<a href="#">3332903</a>	WEAVING TECHNOLOGY - II	3	0	4	7	70	30	40	60	200
<a href="#">3332904</a>	FABRIC STRUCTURE - I	3	0	4	7	70	30	40	60	200
<a href="#">3332905</a>	GARMENT TECHNOLOGY	3	0	2	5	70	30	20	30	150
TOTAL		16	0	16	32	420	180	160	240	1000

ESE : END SEMESTER EXAM  
PA: PROGRESSIVE ASSESSMENT

L: LECTURE  
P: PRACTICAL  
T: TUTORIAL

ESE for Practical includes Viva/Practical exam/Performance etc.

PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals

PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term

## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:50 DIPLOMA PROGRAMME IN ARCHITECTURAL ASSISTANTSHIP										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3335001</a>	ARCHITECTURAL DESIGN III* - PUBLIC BUILDINGS	0	0	12	12	0	0	100	200	300
<a href="#">3335002</a>	BUILDING CONSTRUCTION	3	0	4	7	70	30	0	50	150
<a href="#">3335003</a>	SURVEYING & LEVELLING	2	0	2	4	70	30	0	50	150
<a href="#">3335004</a>	HISTORY OF ARCHITECTURE (WORLD)	3	0	0	3	70	30	0	0	100
<a href="#">3335005</a>	COMPUTER AIDED DRAFTING	0	0	4	4	0	0	40	60	100
TOTAL		8	0	22	30	210	90	140	360	800

> The practical classes of above ( \* ) marked subjects have extensive theory component taught in them so as to develop and encourage subject related skills. Theory is to be taught during design process and in co-relation to other subjects.

**ESE : END SEMESTER EXAM**  
**PA: PROGRESSIVE ASSESSMENT**

**ESE for Practical includes Viva/Practical exam/Performance etc.**

**L: LECTURE**

**PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals**

**P: PRACTICAL**

**PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term**

**T: TUTORIAL**

## GUJARAT TECHNOLOGICAL UNIVERSITY

<b>BRANCH CODE: 51 DIPLOMA IN IN COMPUTER AIDED COSTUME DESIGN &amp; DRESS MAKING</b>										
<b>SEMESTER - III</b>										
<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>TEACHING SCHEME</b>				<b>EXAMINATION SCHEME</b>				<b>GRAND TOTAL</b>
		<b>L</b>	<b>T</b>	<b>P</b>	<b>CREDITS (L+T+P)</b>	<b>THEORY MARKS</b>		<b>PRACTICAL MARKS</b>		
						<b>ESE</b>	<b>PA</b>	<b>ESE</b>	<b>PA</b>	
<a href="#">3335101</a>	GARMENT MACHINERY	4	0	2	6	70	30	20	30	150
<a href="#">3335102</a>	ELEMENTS OF FASHION	3	0	0	3	70	30	0	0	100
<a href="#">3335103</a>	GARMENT REPRESENTATION METHODS	0	0	4	4	0	0	40	60	100
<a href="#">3335104</a>	INDIAN TEXTILE & SURFACE EMBELLISHMENT	3	0	2	5	70	30	20	30	150
<a href="#">3335105</a>	ADVANCE PATTERN MAKING	0	0	6	6	0	0	60	90	150
<a href="#">3335106</a>	DIGITAL ILLUSTRATION	0	0	4	4	0	0	40	60	100
<a href="#">3335107</a>	ADVANCE CLOTHING CONSTRUCTION	0	0	4	4	0	0	40	60	100
<b>TOTAL</b>		<b>10</b>	<b>0</b>	<b>22</b>	<b>32</b>	<b>210</b>	<b>90</b>	<b>220</b>	<b>330</b>	<b>850</b>

**ESE : END SEMESTER EXAM**  
**PA: PROGRESSIVE ASSESSMENT**

**L: LECTURE**  
**P: PRACTICAL**  
**T: TUTORIAL**

**ESE for Practical includes Viva/Practical exam/Performance etc.**

**PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals**

**PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term**

## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:52 DIPLOMA PROGRAMME IN CERAMIC ENGINEERING										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3330001</a>	HUMAN RESOURCE MANAGEMENT	2	0	0	2	70	30	0	0	100
<a href="#">3335201</a>	ADVANCE CHEMISTRY	4	0	2	6	70	30	20	30	150
<a href="#">3335202</a>	FUNDAMENTALS OF WHITE WARE	3	0	4	7	70	30	40	60	200
<a href="#">3335203</a>	FUNDAMENTALS OF REFRACTORY	3	0	4	7	70	30	40	60	200
<a href="#">3335204</a>	GLASS-I	3	0	2	5	70	30	20	30	150
<a href="#">3335205</a>	FUELS & FURNANCES	3	0	0	3	70	30	0	0	100
TOTAL		18	0	12	30	420	180	120	180	900

ESE : END SEMESTER EXAM  
PA: PROGRESSIVE ASSESSMENT

L: LECTURE

P: PRACTICAL

T: TUTORIAL

ESE for Practical includes Viva/Practical exam/Performance etc.

PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals

PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term

## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:55 DIPLOMA PROGRAMME IN FABRICATION TECHNOLOGY										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3335501</a>	FABRICATION DRAFTING	2	0	4	6	70	30	40	60	200
<a href="#">3335502</a>	MECHANICAL TECHNOLOGY	4	0	2	6	70	30	20	30	150
<a href="#">3335503</a>	MATERIAL & METALLURGY	4	0	2	6	70	30	20	30	150
<a href="#">3335504</a>	WELDING TECHNOLOGY-I	4	0	2	6	70	30	20	30	150
<a href="#">3335505</a>	FABRICATION TECHNOLOGY-1	4	0	2	6	70	30	20	30	150
TOTAL		18	0	12	30	350	150	120	180	800

**ESE : END SEMESTER EXAM**  
**PA: PROGRESSIVE ASSESSMENT**

**L: LECTURE**

**P: PRACTICAL**  
**T: TUTORIAL**

**ESE for Practical includes Viva/Practical exam/Performance etc.**

**PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals**

**PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term**

## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:58 DIPLOMA PROGRAMME IN PRINTING TECHNOLOGY										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3330001</a>	HUMAN RESOURCE MANAGEMENT	2	0	0	2	70	30	0	0	100
<a href="#">3335801</a>	MECHANICAL ENGINEERING FOR PRINTING	2	0	2	4	70	30	20	30	150
<a href="#">3335802</a>	PRINTER'S SCIENCE	3	0	2	5	70	30	20	30	150
<a href="#">3335803</a>	IMAGE CARRIER	4	0	2	6	70	30	20	30	150
<a href="#">3335804</a>	PRINTING PROCESSES	4	0	2	6	70	30	20	30	150
<a href="#">3335805</a>	BINDING & FINISHING PROCESS	3	0	4	7	70	30	40	60	200
TOTAL		18	0	12	30	420	180	120	180	900

ESE : END SEMESTER EXAM  
PA: PROGRESSIVE ASSESSMENT

L: LECTURE

P: PRACTICAL

T: TUTORIAL

ESE for Practical includes Viva/Practical exam/Performance etc.

PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals

PA for Theory includes Written Exam /Assignment/Tutorial Work/ Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term

## GUJARAT TECHNOLOGICAL UNIVERSITY

<b>BRANCH CODE: 59 DIPLOMA IN TEXTILE DESIGNING</b>										
<b>SEMESTER - III</b>										
<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>TEACHING SCHEME</b>				<b>EXAMINATION SCHEME</b>				<b>GRAND TOTAL</b>
		<b>L</b>	<b>T</b>	<b>P</b>	<b>CREDITS (L+T+P)</b>	<b>THEORY MARKS</b>		<b>PRACTICAL MARKS</b>		
						<b>ESE</b>	<b>PA</b>	<b>ESE</b>	<b>PA</b>	
3330001	HUMAN RESOURCE MANAGEMENT	2	0	0	2	70	30	0	0	100
3335901	HISTORY OF TEXTILE DESIGN & AESTHETICS - I	2	0	0	2	70	30	0	0	100
3335902	COMPUTER APPLICATION	0	0	4	4	0	0	40	60	100
3335903	TEXTILE CRAFT - II	0	0	6	6	0	0	60	90	150
3335904	TEXTILE PROCESS - II	4	0	4	8	70	30	40	60	200
3335905	FABRIC DESIGN - II	4	0	4	8	70	30	40	60	200
<b>TOTAL</b>		12	0	18	30	280	120	180	270	850

**ESE : END SEMESTER EXAM**  
**PA: PROGRESSIVE ASSESSMENT**

**L: LECTURE**

**P: PRACTICAL**

**T: TUTORIAL**

**ESE for Practical includes Viva/Practical exam/Performance etc.**

**PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals**

**PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term**



## GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE: 60 DIPLOMA PROGRAMME IN TRANSPORTATION ENGINEERING										
SEMESTER - III										
COURSE CODE	COURSE TITLE	TEACHING SCHEME				EXAMINATION SCHEME				GRAND TOTAL
		L	T	P	CREDITS (L+T+P)	THEORY MARKS		PRACTICAL MARKS		
						ESE	PA	ESE	PA	
<a href="#">3330604</a>	STRUCTURAL MECHANICS	4	1	2	7	70	30	20	30	150
<a href="#">3330603</a>	HYDRAULICS	3	1	2	6	70	30	20	30	150
<a href="#">3330605</a>	SURVEYING	3	0	6	9	70	30	60	90	250
<a href="#">3330602</a>	CONSTRUCTION TECHNOLOGY	3	0	2	5	70	30	20	30	150
<a href="#">3336001</a>	HIGHWAY MATERIALS & TESTING	2	1	2	5	70	30	20	30	150
TOTAL		15	3	14	32	350	150	140	210	850

**ESE : END SEMESTER EXAM**  
**PA: PROGRESSIVE ASSESSMENT**

**L: LECTURE**

**P: PRACTICAL**

**T: TUTORIAL**

**ESE for Practical includes Viva/Practical exam/Performance etc.**

**PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals**

**PA for Theory includes Written Exam /Assignment/Tutorial Work/Mini Project/Quiz/Presentation or Combination of all with prior intimation to the students at beginning of term**