

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:02 DIPLOMA PROGRAMME IN AUTOMOBILE ENGINEERING										
SEMESTER - IV										
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	
3340201	VEHICLE BODY ENGINEERING	3	0	2	5	70	30	20	30	150
3340202	VEHICLE KINEMATICS & DYNAMICS	4	2	0	6	70	30	0	0	100
3340203	MODERN VEHICLE TECHNOLOGY	4	0	2	6	70	30	20	30	150
3340204	AUTOMOBILE INDUSTRIAL MANAGEMENT	3	0	0	3	70	30	0	0	100
3340205	AUTOMOBILE TRADE PRACTICE	0	0	2	2	0	0	20	30	50
3340206	AUTOMOBILE MANUFACTURING TECHNOLOGY	4	0	2	6	70	30	20	30	150
3340207	HUMAN RESOURCE MANAGEMENT FOR AUTO INDUSTRY	2	0	0	2	70	30	0	0	100
TOTAL		20	2	8	30	420	180	80	120	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

For Any suggestion please write to Mr. M J Pathak, Email id :- mehulpathak@yahoo.com with copy to cdc@gtu.edu.in
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GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE: 03 DIPLOMA PROGRAMME IN BIOMEDICAL ENGINEERING										
SEMESTER - IV										
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	
3340001	ENTREPRENEURSHIP DEVELOPMENT	3	0	0	3	70	30	0	0	100
3340302	MICROPROCESSOR AND ASSEMBLY LANGUAGE PROGRAMMING	4	0	2	6	70	30	20	30	150
3340303	HOSPITAL MANAGEMENT & INFORMATION SYSTEM	3	0	0	3	70	30	0	0	100
3340304	DIAGNOSTIC MEDICAL INSTRUMENTATION	4	0	4	8	70	30	40	60	200
3340305	ANALYTICAL AND OPTICAL INSTRUMENTATION	4	0	2	6	70	30	20	30	150
3340306	SEMINAR	0	0	4	4	0	0	40	60	100
TOTAL		18	0	12	30	350	150	120	180	800

ESE : END SEMESTER EXAM
PA: PROGRESSIVE ASSESSMENT

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

L: LECTURE
P: PRACTICAL
T: TUTORIAL

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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

For Any suggestion please write to Mr. A. K. Bula , Email id :- abdulrazakbula@yahoo.co.in with copy to cdc@gtu.edu.in
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GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:05 DIPLOMA PROGRAMME IN CHEMICAL ENGINEERING										
SEMESTER - IV										
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	
3340501	PROCESS HEAT TRANSFER	4	0	4	8	70	30	40	60	200
3340502	: MASS TRANSFER-I	4	0	4	8	70	30	40	60	200
3340503	CHEMICAL PROCESS TECHNOLOGY-II	4	0	4	8	70	30	40	60	200
3340504	POLLUTION CONTROL & EFFLUENT TREATMENT	3	0	2	5	70	30	20	30	150
3340505	SAFETY AND HAZARD MANAGEMENT IN CHEMICAL INDUSTRY	3	0	2	5	70	30	20	30	150
TOTAL		18	0	16	34	350	150	160	240	900

ESE : END SEMESTER EXAM
PA: PROGRESSIVE ASSESSMENT

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

L: LECTURE
P: PRACTICAL
T: TUTORIAL

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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

For Any suggestion please write to Mr. N. N. Hansaliya , Email id :- nitbhumit@yahoo.com with copy to cdc@gtu.edu.in
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GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:06 DIPLOMA PROGRAMME IN CIVIL ENGINEERING										
SEMESTER - IV										
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	
3340601	STRUCTURAL MECHANICS-II	3	0	2	5	70	30	20	30	150
3340602	ADVANCED SURVEYING	3	0	6	9	70	30	60	90	250
3340603	BASIC TRANSPORTATION ENGINEERING	3	0	2	5	70	30	20	30	150
3340604	WATER RESOURCES MANAGEMENT	3	0	2	5	70	30	20	30	150
3340605	SOIL MECHANICS	3	0	2	5	70	30	20	30	150
3340606	COMPUTER AIDED DRAWING	0	0	4	4	---	---	40	60	100
TOTAL		12	0	18	33	350	150	180	270	950

ESE : END SEMESTER EXAM

PA:

PROGRESSIVE

L: LECTURE

P: PRACTICAL

T: TUTORIAL

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

PA for

Practicals

PA for

Any suggestion please write to Mr. B. G. Rajgor, Email id :- bgrstrengg@yahoo.com with copy to cdc@gtu.edu.in

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:07 DIPLOMA PROGRAMME IN COMPUTER ENGINEERING										
SEMESTER - IV										
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	
3340701	ADVANCED DATABASE MANAGEMENT SYSTEM	3	0	4	7	70	30	40	60	200
3340702	COMPUTER NETWORKS	3	0	2	5	70	30	20	30	150
3341603	FUNDAMENTALS OF SOFTWARE DEVELOPMENT	3	0	2	5	70	30	20	30	150
3340704	.NET PROGRAMMING	3	0	4	7	70	30	40	60	200
3340705	COMPUTER ORGANIZATION AND ARCHITECTURE	3	0	0	3	70	30	0	0	100
3340706	WEB DEVELOPMENT TOOLS	0	0	4	4	0	0	40	60	100
TOTAL		15	0	16	31	350	150	160	240	900

ESE : END SEMESTER EXAM
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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

For Any suggestion please write to Mr. Kamlesh Raval, Email id :- raval.kamlesh@gmail.com with copy to cdc@gtu.edu.in

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:09 DIPLOMA PROGRAMME IN ELECTRICAL ENGINEERING

SEMESTER - IV

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	
3340901	POLYPHASE TRANSFORMERS AND ROTATING AC MACHINES	4	0	4	8	70	30	40	60	200
3340902	TRANSMISSION AND DISTRIBUTION OF ELECTRICAL POWER	4	0	2	6	70	30	20	30	150
3340903	UTILIZATION OF ELECTRICAL ENERGY	4	0	2	6	70	30	20	30	150
3340904	DIGITAL ELECTRONICS AND DIGITAL INSTRUMENTS	4	0	2	6	70	30	20	30	150
3340905	COMPUTER AIDED ELECTRICAL DRAWING AND SIMULATION	0	0	4	4	0	0	40	60	100
TOTAL		16	0	14	30	280	120	140	210	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

For Any suggestion please write to Mr. Sunil S. Mehta , Email id :- me_mehtasunil@rediffmail.com with copy to cdc@gtu.edu.in
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GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:11 DIPLOMA PROGRAMME IN ELECTRONICS & COMMUNICATION ENGINEERING										
SEMESTER - IV										
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	
3341101	MICROPROCESSOR AND ASSEMBLY LANGUAGE PROGRAMMING	3	0	2	5	70	30	20	30	150
3341102	DIGITAL COMMUNICATION	3	0	2	5	70	30	20	30	150
3341103	OPTICAL COMMUNICATION	3	0	2	5	70	30	20	30	150
3341104	ELECTRONICS INSTRUMENTS AND MEASUREMENT	3	0	2	5	70	30	20	30	150
3341105	INDUSTRIAL ELECTRONICS	4	0	2	6	70	30	20	30	150
3341106	CIRCUIT DESIGN TOOLS	0	0	4	4	0	0	40	60	100
TOTAL		16	0	14	30	350	150	140	210	850

ESE : END SEMESTER EXAM
PA: PROGRESSIVE ASSESSMENT

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

L: LECTURE
P: PRACTICAL
T: TUTORIAL

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

For Any suggestion please write to Mr. S. J. chauhan , Email id :- sjcssc@yahoo.co.in with copy to cdc@gtu.edu.in

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:13 DIPLOMA PROGRAMME IN ENVIRONMENT ENGINEERING										
SEMESTER - IV										
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	
3341301	WATER SUPPLY AND SEWERAGE SYSTEM	4	0	2	6	70	30	20	30	150
3341302	ECOLOGY AND ENVIRONMENTAL POLLUTION	3	0	2	5	70	30	20	30	150
3341303	ESTIMATING AND COSTING	3	0	4	7	70	30	40	60	200
3341304	STRUCTURAL DESIGN AND DRAFTING	3	0	2	5	70	30	20	30	150
3341305	BASICS OF CONSTRUCTION TECHNOLOGY	3	0	2	5	70	30	20	30	150
TOTAL		16	0	12	28	350	150	120	180	800

ESE : END SEMESTER EXAM
PA: PROGRESSIVE ASSESSMENT

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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

For Any suggestion please write to Mr. H.L.Purohit, Email id :- purohitech@gmail.com with copy to cdc@gtu.edu.in
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GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:16 DIPLOMA PROGRAMME IN INFORMATION TECHNOLOGY										
SEMESTER - IV										
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	
3341601	INFORMATION COMMUNICATION TECHNOLOGY	4	0	2	6	70	30	20	30	150
3341602	OBJECT ORINTED PROGRAMMING	3	0	4	7	70	30	40	60	200
3341603	FUNDAMENTALS OF SOFTWARE DEVELOPMENT	3	0	2	5	70	30	20	30	150
3341604	INTERNET TECHNOLOGY	3	0	4	7	70	30	40	60	200
3341605	DATABASE MANAGEMENT	3	0	4	7	70	30	40	60	200
TOTAL		16	0	16	32	350	150	160	240	900

ESE : END SEMESTER EXAM
PA: PROGRESSIVE ASSESSMENT

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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

For Any suggestion please write to Mr. Manoj Parmar, Email id :- manojec@gmail.com with copy to cdc@gtu.edu.in
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GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:17 DIPLOMA PROGRAMME IN INSTRUMENTATION & CONTROL ENGINEERING										
SEMESTER - IV										
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	
3341701	CONTROL INSTRUMENTATION SYSTEM	3	0	4	7	70	30	40	60	200
3341702	PROGRAMMABLE LOGIC CONTROLLER AND DISTRIBUTED CONTROL SYSTEM	3	0	4	7	70	30	40	60	200
3341703	PROCESS INSTRUMENTATION-I	3	0	4	7	70	30	40	60	200
3341704	BIOMEDICAL INSTRUMENTATION	3	0	4	7	70	30	40	60	200
3341705	INSTRUMENTATION SIMULATION PRACTICES	0	0	4	4	0	0	40	60	100
TOTAL		12	0	20	32	280	120	200	300	900

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For Any suggestion please write to Ms.Rupal Merchant, Email id :- merchantrupal@gmail.com with copy to cdc@gtu.edu.in

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:19 DIPLOMA PROGRAMME IN MECHANICAL ENGINEERING

SEMESTER - IV

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	
3341901	MANUFACTURING ENGINEERING - II	3	0	4	7	70	30	40	60	200
3341902	THERMAL ENGINEERING-I	3	0	2	5	70	30	20	30	150
3341903	THEORY OF MACHINES	4	0	2	6	70	30	20	30	150
3341904	COMPUTER AIDED DESIGN	2	0	2	4	70	30	20	30	150
3341905	METROLOGY & INSTRUMENTATION	4	0	4	8	70	30	40	60	200
3341906	PLANT MAINTENANCE AND SAFETY	3	0	2	5	70	30	20	30	150
TOTAL		19	0	16	35	420	180	160	240	1000

ESE : END SEMESTER EXAM
PA: PROGRESSIVE ASSESSMENT

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L: LECTURE

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P: PRACTICAL

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T: TUTORIAL

For Any suggestion please write to Mr. A. M. Talsaniya , Email id :- atalsaniya@yahoo.com with copy to cdc@gtu.edu.in

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:20 DIPLOMA PROGRAMME MECHATRONICS ENGINEERING										
SEMESTER - IV										
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	
3342001	CONTROL DEVICES	3	0	4	7	70	30	40	60	200
3341901	MANUFACTURING ENGINEERING - II	3	0	4	7	70	30	40	60	200
3341903	THEORY OF MACHINES	4	0	2	6	70	30	20	30	150
3341905	METROLOGY & INSTRUMENTATION	4	0	4	8	70	30	40	60	200
3341906	PLANT MAINTENANCE AND SAFETY	3	0	2	5	70	30	20	30	150
TOTAL		17	0	16	33	350	150	160	240	900

ESE : END SEMESTER EXAM
PA: PROGRESSIVE ASSESSMENT

L: LECTURE

P: PRACTICAL

T: TUTORIAL

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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

For Any suggestion please write to Mr K. P. Patel, Email id :- hodme.bspp@ganpatuniversity.ac.in with copy to cdc@gtu.edu.in
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GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:21 DIPLOMA PROGRAMME IN METALLURGY ENGINEERING										
SEMESTER - IV										
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	
3342101	FOUNDRY TECHNOLOGY	4	0	4	8	70	30	40	60	200
3342102	IRON MAKING	3	0	0	3	70	30	0	0	100
3342103	TESTING OF METALS	4	0	4	8	70	30	40	60	200
3342104	ADVANCE PHYSICAL METALLURGY	4	0	4	8	70	30	40	60	200
3342105	HEAT TREATMENTS OF METALS & ALLOYS	3	0	2	5	70	30	20	30	150
3342106	METALLURGICAL ANALYSIS	3	0	0	3	70	30	0	0	100
TOTAL		21	0	14	35	420	180	140	210	950

ESE : END SEMESTER EXAM
PA: PROGRESSIVE ASSESSMENT

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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

For Any suggestion please write to Mr. I. B.Dave, Email id :- indravadan2000@rediffmail.com with copy to cdc@gtu.edu.in

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:22 DIPLOMA PROGRAMME IN MINING ENGINEERING										
SEMESTER - IV										
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	
3342201	MINE SURVEYING - I	4	0	4	8	70	30	40	60	200
3342202	MINING GEOLOGY-II	3	0	2	5	70	30	20	30	150
3342203	SURFACE MINING	4	0	2	6	70	30	20	30	150
3342204	MINING MACHINERY-II	4	0	2	6	70	30	20	30	150
3342205	MINE SAMPLING, ASSAYING AND MINERAL DRESSING	4	0	2	6	70	30	20	30	150
TOTAL		19	0	12	31	350	150	120	180	800

ESE : END SEMESTER EXAM
PA: PROGRESSIVE ASSESSMENT

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L: LECTURE

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

P: PRACTICAL
T: TUTORIAL

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

For Any suggestion please write to Mr. S.G.Shrivastava, Email id :- shashiv07@rediffmail.com with copy to cdc@gtu.edu.in
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GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:23 DIPLOMA PROGRAMME IN PLASTIC ENGINEERING										
SEMESTER - IV										
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	
3340001	ENTREPRENEURSHIP DEVELOPMENT	3	0	0	3	70	30	0	0	100
3342301	BLOW ROTATIONAL AND THERMOFORMING PROCESS	3	0	4	7	70	30	40	60	200
3342302	DESIGN FOR INJECTION MOULD	3	0	4	7	70	30	40	60	200
3342303	:HYDRAULIC & PNEUMATIC SYSTEMS	3	0	2	5	70	30	20	30	150
3342304	PLASTICS EXTRUSION TECHNOLOGY	3	0	4	7	70	30	40	60	200
3342305	PROCESS INSTRUMENTATION AND MAINTENANCE (PIM)	3	0	2	5	70	30	20	30	150
TOTAL		18	0	16	34	420	180	160	240	1000

ESE : END SEMESTER EXAM
PA: PROGRESSIVE ASSESSMENT

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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

For Any suggestion please write to Mr. A.S. Amin , Email id :- ajayamin2000@yahoo.co.in with copy to cdc@gtu.edu.in

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:24 DIPLOMA PROGRAMME IN POWER ELECTRONICS

SEMESTER - IV

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	
3342401	DC POWER ELECTRONIC CONVERTERS	3	1	2	6	70	30	20	30	150
3342402	AC ROTATING MACHINES	4	0	2	6	70	30	20	30	150
3342403	ELECTRICAL NETWORK AND CIRCUITS	4	1	2	7	70	30	20	30	150
3342404	MEASURING INSTRUMENTS AND TRANSDUCERS	4	1	2	7	70	30	20	30	150
3342405	DC MOTOR DRIVES	4	1	2	7	70	30	20	30	150
TOTAL		19	4	10	33	350	150	100	150	750

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PA: PROGRESSIVE ASSESSMENT

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

L: LECTURE

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P: PRACTICAL

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T: TUTORIAL

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--

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:28 DIPLOMA PROGRAM IN TEXTILE PROCESSING TECHNOLOGY

SEMESTER - IV

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	
3342901	ELEMENTS OF ELECTRICAL AND ELECTRONICS ENGG FOR TEXTILE AND PRINTING	2	0	2	4	70	30	20	30	150
3342801	FINISHING TECHNOLOGY FOR TEXTILE	4	0	2	6	70	30	20	30	150
3342802	DYEING TECHNOLOGY FOR SYNTHETIC TEXTILE	4	0	4	8	70	30	40	60	200
3342803	PRINTING TECHNOLOGY OF SYNTHETIC TEXTILE	4	0	4	8	70	30	40	60	200
3342804	POLYMER SCIENCE	4	0	0	4	70	30	0	0	100
TOTAL		18	0	12	30	350	150	120	180	800

ESE : END SEMESTER EXAM
PA: PROGRESSIVE ASSESSMENT

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

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

L: LECTURE

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

P: PRACTICAL

T: TUTORIAL

For Any suggestion please write to Mr.J.H.Thakkar , Email id :- thakkarjayana2000@rediffmail.com with copy to cdc@gtu.edu.in
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GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:29DIPLOMA PROGRAM IN TEXTILE MANUFACTURING TECHNOLOGY										
SEMESTER - IV										
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	
3342901	ELEMENTS OF ELECTRICAL AND ELECTRONICS ENGG FOR TEXTILE AND PRINTING	2	0	2	4	70	30	20	30	150
3342902	YARN MANUFACTURING TECHNOLOGY-III	3	0	4	7	70	30	40	60	200
3342903	WEAVING TECHNOLOGY-III	3	0	4	7	70	30	40	60	200
3342904	FABRIC STRUCTURE -II	3	0	4	7	70	30	40	60	200
3342905	STATISTICAL QUALITY CONTROL	3	0	0	3	70	30	0	0	100
3342906	ELEMENTS OF TEXTILE PROCESSING	3	0	2	5	70	30	20	30	150
TOTAL		17	0	16	33	420	180	160	240	1000

ESE : END SEMESTER EXAM
PA: PROGRESSIVE ASSESSMENT

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L: LECTURE

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P: PRACTICAL

T: TUTORIAL

For Any suggestion please write to Mr.V.N Sony , Email id :- vijalk_sony@yahoo.co.in with copy to cdc@gtu.edu.in
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BRANCH CODE:50 DIPLOMA PROGRAMME IN ARCHITECTURAL ASSISTANTSHIP										
SEMESTER - IV										
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	
3345001	ARCHITECTURAL DESIGN – IV (HOUSING)	0	0	12	12	0	0	100	200	300
3345002	INTERIOR DESIGN & DETAILING	0	0	6	6	0	0	60	90	150
3345003	HISTORY OF MODERN ARCHITECTURE	2	0	0	2	70	30	0	0	100
3345004	TOWN PLANNING	2	0	0	2	70	30	0	0	100
3345005	BUILDING SERVICES	3	0	2	5	70	30	20	30	150
3345006	STRUCTURE	3	0	0	3	70	30	0	0	100
TOTAL		10	0	20	30	280	120	180	320	900

> 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

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L: LECTURE

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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

For Any suggestion please write to Mr. Bhasker Iyer , Email id :- bhaskariyer2004@gmail.com with copy to cdc@gtu.edu.in

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE: 51 DIPLOMA IN IN COMPUTER AIDED COSTUME DESIGN & DRESS MAKING										
SEMESTER - IV										
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	
3345101	APPAREL QUALITY CONTROL	4	0	0	4	70	30	0	0	100
3345102	TEXTILE SCIENCE II	4	0	0	4	70	30	0	0	100
3345103	ELEMENTS OF FASHION II	3	0	0	3	70	30	0	0	100
3345104	FASHION ILLUSTRATION	0	0	4	4	0	0	40	60	100
3345105	ADVANCE PATTERN MAKING-II	0	0	6	6	0	0	60	90	150
3345106	ADVANCE CLOTHING CONSTRUCTION II	0	0	6	6	0	0	60	90	150
3345107	CAD-I	0	0	3	3	0	0	40	60	100
TOTAL		11	0	19	30	210	90	200	300	800

ESE : END SEMESTER EXAM
PA: PROGRESSIVE ASSESSMENT

L: LECTURE
P: PRACTICAL
T: TUTORIAL

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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

For Any suggestion please write to Mrs. Ilaben Dave, Email id :- iladave@gmail.com with copy to cdc@gtu.edu.in
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GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:52 DIPLOMA PROGRAMME IN CERAMIC ENGINEERING										
SEMESTER - IV										
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	
3340001	ENTERPRENEURSHIP DEVELOPMENT	3	0	0	3	70	30	0	0	100
3345201	DRYING AND FIRING	3	0	0	3	70	30	0	0	100
3345202	GLASS-II	3	0	2	5	70	30	20	30	150
3345203	VITREOUS ENAMEL	3	0	2	5	70	30	20	30	150
3345204	WHITE WARE	3	0	4	7	70	30	40	60	200
3345205	REFRACTORY	3	0	4	7	70	30	40	60	200
TOTAL		18	0	12	30	420	180	140	210	950

ESE : END SEMESTER EXAM
PA: PROGRESSIVE ASSESSMENT

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L: LECTURE

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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

For Any suggestion please write to Mr. Bharat B Patel, Email id :- bharat.lecollege@gmail.com with copy to cdc@gtu.edu.in

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:55 DIPLOMA PROGRAMME IN FABRICATION TECHNOLOGY										
SEMESTER - IV										
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	
3345501	INSTRUMENTATION CONTROL & QUALITY ASSURANCE	4	0	2	6	70	30	20	30	150
3345502	SHEET METAL FABRICATION	4	0	2	6	70	30	20	30	150
3345503	PLANT EQUIPMENT ERECTION AND MAINTENANCE	4	0	2	6	70	30	20	30	150
3345504	WELDING TECHNOLOGY-II	4	0	2	6	70	30	20	30	150
3345505	FABRICATION TECHNOLOGY-II	4	0	2	6	70	30	20	30	150
TOTAL		20	0	10	30	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

For Any suggestion please write to Mr. P.B.Pathak, Email id :- pbpathak_bh2010@rediffmail.com with copy to cdc@gtu.edu.in

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:58 DIPLOMA PROGRAMME IN PRINTING TECHNOLOGY										
SEMESTER - IV										
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	
3342901	ELEMENTS OF ELECTRICAL AND ELECTRONICS ENGG FOR TEXTILE AND PRINTING	2	0	2	4	70	30	20	30	150
3345801	ADVANCE IMAGE CARRIER	3	0	2	5	70	30	20	30	150
3345802	ADVANCE OFFSET PRINTING	4	0	4	8	70	30	40	60	200
3345803	PRINTER'S MANAGEMENT	3	0	0	3	70	30	0	0	100
3345804	IMAGE GENERATION AND CORRECTION	3	0	2	5	70	30	20	30	150
3345805	DIGITAL PRINTING	4	0	0	4	70	30	0	0	100
TOTAL		19	0	10	29	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

For Any suggestion please write to Mr. B.L.Patel, Email id :- blprintingrceti@yahoo.in with copy to cdc@gtu.edu.in
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GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE: 59 DIPLOMA PROGRAMME IN TEXTILE DESIGN

SEMESTER - IV

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	
3340001	ENTREPRENEURSHIP DEVELOPMENT	3	0	0	3	70	30	0	0	100
3345901	HISTORY OF TEXTILE DESIGN AND AESTHETICS II	4	0	0	4	70	30	0	0	100
3345902	COMPUTER AIDED TEXTILE DESIGN	0	0	10	10	0	0	100	200	300
3345903	DESIGN PERIPHERAL AND PRACTICES	0	0	6	6	0	0	40	60	100
3345904	TEXTILE PROCESS - III	4	0	3	7	70	30	20	30	150
TOTAL		11	0	19	30	210	90	160	290	750

ESE : END SEMESTER EXAM
PA: PROGRESSIVE ASSESSMENT

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L: LECTURE

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P: PRACTICAL

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T: TUTORIAL

For Any suggestion please write to A.C.Dalal, Email id :- acdalal@yahoo.com with copy to cdc@gtu.edu.in
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GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE: 60 DIPLOMA PROGRAMME IN TRANSPORTATION ENGINEERING										
SEMESTER - IV										
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	
3340602	ADVANCED SURVEYING	3	0	6	9	70	30	60	90	250
3340605	SOIL MECHANICS	3	0	2	5	70	30	20	30	150
3340606	COMPUTER AIDED DRAWING	0	0	4	4	---	---	40	60	100
3346001	BASIC TRAFFIC ENGINEERING	2	0	2	4	70	30	20	30	150
3346002	ROADS AND BRIDGES	4	0	2	6	70	30	20	30	150
3346003	RAILWAY ENGINEERING	2	0	2	4	70	30	20	30	150
TOTAL		14	0	18	32	350	150	180	270	950

ESE : END SEMESTER EXAM
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L: LECTURE

P: PRACTICAL

T: TUTORIAL

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For Any suggestion please write to Prof. Shruti Khara, Email id :- shruti21063@gmail.com with copy to cdc@gtu.edu.in
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