

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:02 DIPLOMA PROGRAMME IN AUTOMOBILE ENGINEERING										
SEMESTER VI										
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	
3360201	AUTO ENGINES DIAGNOSIS AND TESTING	4	0	2	6	70	30	20	30	150
3360202	AUTO TRANSMISSION-MECHANISM DIAGNOSIS AND TESTING	4	0	2	6	70	30	20	30	150
3360203	AUTO ELECTRICAL SYSTEM DIAGNOSIS AND TESTING	4	0	2	6	70	30	20	30	150
3360204	VEHICLE AIR CONDITIONING	3	0	2	5	70	30	20	30	150
3360205	MOTOR VEHICLE ACTS & LOSS ASSESMENT	3	0	0	3	70	30	0	0	100
3360206	TECHNICAL SEMINAR	0	0	3	3	0	0	40**	60	100
TOTAL		18	0	11	29	350	150	80	180	800

***It is Compulsory to upload three best PPT Presentation Institute wise during online mark entry of the subject 3360206**

*INDICATE EXTERNAL EXAM FOR PRACTICAL.**INDICATE INTERNAL EXAM FOR PRACTICAL.
 **INDICATE LOAD OF TEACHING FACULTY PER WEEK PER DIVISION, FOR PLACING THE STUDENTS IN TRAINING, FOLLOW UP OF STUDENTS AT TRAINING (MINIMUM 1 TIMES PER MONTH), CONDUCT THE PRESENTATION WITH PPT / SPEAK OUT (MINIMUM 1 TIMES PER MONTH AT INSTITUTE).

ESE : END SEMESTER EXAM
 PA: PROGRESSVE ASSESMENT

ESE for Practical includes VVa/Practical exam/Performance etc.
 PA for Practicals includes TW/Report writing/Mini Project/Seminar etc. related to practicals

L: LECTURE
 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. Deven Dave, Email id :- deven_a_dave@yahoo.co.in with copy to cdc@gtu.edu.in

BRANCH CODE:06 DIPLOMA PROGRAMME IN CIVIL ENGINEERING										
SEMESTER - VI										
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	
3360601	DESIGN OF REINFORCED CONCRETE STRUCTURES	3	0	4	7	70	30	40	60	200
3360602	CONSTRUCTION QUALITY CONTROL & MONITORING	3	0	2	5	70	30	20	30	150
3360603	CONSTRUCTION PROJECT MANAGEMNET	3	0	2	5	70	30	20	30	150
	ELECTIVE-II (FIRST SUBJECT FROM ANY ONE GROUP)	3	0	2	5	70	30	20	30	150
	ELECTIVE-III (SECOND SUBJECT FROM SAME GROUP)	3	0	2	5	70	30	20	30	150
3360613	PROJECT-II	0	0	6	6	0	0	40	60	100
TOTAL		15	0	18	33	350	150	160	240	900

ELECTIVE-II,III(ANY ONE GROUP)	
GROUP - A	
3360604	BUILDING SERVICES
3360605	MAINTANANCE & REHABILATION OF STRUCTURES
GROUP - B	
3360606	RAILWAY , HARBOUR & TUNNEL ENGINEERING
3360607	TRAFFIC ENGINEERING
3360608	PAVEMENT DESIGN
GROUP - C	
3360609	GROUND WATER ENGINEERING
3360610	ADVANCE HYDROLOGY
GROUP - D	
3360611	SOLID WASTE MANAGEMENT
3360612	WATER AND WASTE WATER MANAGEMENT

ESE : END SEMESTER EXAM
PA: PROGRESSIVE ASSESSMENT

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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 - VI										
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	
3360701	ADVANCE JAVA PROGRAMMING	3	0	4	7	70	30	40	60	200
3360702	PROFESSIONAL PRACTICES USING DATABASE	0	0	4	4	0	0	40	60	100
	ELECTIVE - II (SUBJECT FROM SAME GROUP AS PER GROUP SELECTED IN SEM 5)	3	0	4	7	70	30	40	60	200
	ELECTIVE - III (SUBJECT FROM SAME GROUP AS PER GROUP SELECTED IN SEM 5)	3	0	4	7	70	30	40	60	200
3360707	PROJECT-II	0	0	6	6	0	0	60	90	150
TOTAL		9	0	22	31	210	90	220	330	850

ELECTIVE-II,III	
GROUP I- NETWORKING	
3360703	NETWORKING MANAGEMENT & ADMINISTRATION
3360704	MOBILE COMPUTING AND APPLICATION DEVELOPMENT
GROUP II -WEB DEVELOPMENT	
3360705	DYNAMIC WEBPAGE WITH SCRIPTING ANGUAGE
3360706	ADVACNED WEB TECHNOLOGY

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For Any suggestion please write to Ms. Manisha Mehta, Email id :- manishamehta@gmail.com with copy to cdc@gtu.edu.in
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BRANCH CODE:09 DIPLOMA PROGRAMME IN ELECTRICAL ENGINEERING										
SEMESTER - VI										
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	
3360901	SWITCHGEAR & PROTECTION	4	0	2	6	70	30	20	30	150
3360902	INSTALLATION, COMMISSIONING AND MAINTENANCE	4	0	2	6	70	30	20	30	150
	ELECTIVE-II(ONE SUBJECT FROM SAME GROUP AS PER SUBJECT SELECTED FROM ELECTIVE GROUP OF SEM 5)	3	0	2	5	70	30	20	30	150
	ELECTIVE-III(ONE SUBJECT FROM SAME GROUP AS PER SUBJECT SELECTED FROM ELECTIVE GROUP OF SEM 5)	3	0	2	5	70	30	20	30	150
3360909	PROJECT-II	0	0	6	6	0	0	40	60	100
TOTAL		14	0	14	28	280	120	120	180	700

ELECTIVE-II	
GROUP 1 (POWER)	
3350905	SOLAR AND WIND SYSTEM
3360903	POWER SYSTEM OPERATION AND CONTROL
3360904	SUBSTATION ENGINEERING AND POWER QUALITY
Group 2 (INDUSTRIAL MACHINES AND DRIVES)	
3350906	SPECIAL ELECTRICAL MACHINES
3360905	DESIGN PARAMETERS OF ELECTRICAL EQUIPEMENT AND MACHINES
3360906	ELECTRICAL DRIVES
GROUP 3 (COMMERCIAL ELECTRIFICATION AND TRACTION)	
3350907	ELECTRICAL TRACTION AND CONTROL
3360907	MAINTENANCE OF TRANSFORMER AND CIRCUIT BREAKER
3360908	ELECTRIFICATION OF BUILDING COMPLEXES

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GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:11 DIPLOMA PROGRAMME IN ELECTRONICS & COMMUNICATION ENGINEERING										
SEMESTER - VI										
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	
3361101	ENTERPRENURSHIP AND INDUSTRIAL MANAGEMENT	4	0	0	4	70	30	0	0	100
3361102	CONSUMER ELECTRONICS	4	0	2	6	70	30	20	30	150
3361103	MAINTENANCE OF ELECTRONICS EQUIPMENTS	0	0	2	2	0	0	20	30	50
	ELECTIVE -II	4	0	2	6	70	30	20	30	150
	ELECTIVE -III	4	0	2	6	70	30	20	30	150
3361109	PROJECT - II	0	0	6	6	0	0	200	100	300
TOTAL		16	0	14	30	280	120	280	220	900

FOR ELECTIVE II & III

Choose any TWO subject from any one group w.r.t. group chosen in 5th sem.

GROUP : COMMUNICATION	
3361104	VLSI
3361105	EMBEDED SYSTEM
3361106	MULTIMEDIA COMMUNICATION
GROUP : AUTOMATION	
3361105	EMBEDED SYSTEM
3361107	INDUSTRIAL AUTOMATION
3361108	ROBOTICS & AUTOTRONICS

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P: PRACTICAL
T: TUTORIAL

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GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH CODE:16 DIPLOMA PROGRAMME IN INFORMATION TECHNOLOGY										
SEMESTER - VI										
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	
3361601	WEB AND NETWORK SECURITY	4	0	2	6	70	30	20	30	150
3360701	ADVANCE JAVA PROGRAMMING	3	0	4	7	70	30	40	60	200
	ELECTIVE-II - (FOLLOW SUBJECT GROUP CHOICE OF SEMESTESR 5)	3	0	4	7	70	30	40	60	200
	ELECTIVE-III - (FOLLOW SUBJECT GROUP CHOICE OF SEMESTESR 5)	3	0	4	7	70	30	40	60	200
3361606	PROJECT-II	0	0	6	6	0	0	60	90	150
TOTAL		13	0	20	33	280	120	200	300	900

GROUP 1[WEB & APP DEVELOPMENT]	
3361602	ANDROID APPLICATION DEVELOPMENT
3361603	WEB DESIGNING USING PHP AND MYSQL
GROUP 2[INFORMATION MANAGEMENT]	
3361604	DATA MINING AND WAREHOUSING
3361605	DATABASE ADMINISTRATION

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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:19 DIPLOMA PROGRAMME IN MECHANICAL ENGINEERING										
SEMESTER - VI										
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	
3361901	COMPUTER AIDED MANUFACTURING(CAM)	2	0	2	4	70	30	20	30	150
3361902	TOOL ENGINEERING	3	0	2	5	70	30	20	30	150
3361903	INDUSTRIAL MANAGEMENT	3	0	0	3	70	30	0	0	100
	ELECTIVE-II (FIRST SUBJECT FROM ANY ONE GROUP)	3	0	2	5	70	30	20	30	150
	ELECTIVE-III (SECOND SUBJECT FROM ANY SAME GROUP)	3	0	2	5	70	30	20	30	150
3361910	PROJECT-II	0	0	6	6	0	0	60	90	150
TOTAL		14	0	14	28	350	150	540	210	850

ELECTIVE-II,III	
GROUP-1 MANUFACTURING ENGINEERING	
3361904	MANUFACTURING SYSTEMS.
3361905	FABRICATION TECHNOLOGY.
GROUP-2 THERMAL ENGINEERING	
3361906	POWER PLANT ENGINEERING
3361907	THERMAL SYSTEMS AND ENERGY EFFICIENCY
GROUP-3 FLUID ENGINEERING	
3361908	HYDRAULIC SYSTEMS
3361909	PNEUMATIC SYSTEMS

+ ELECTIVE II AND III FROM THE SAME GROUP SELECTED IN FIFTH SEMESTER FOR E-I OR E-II.

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