



**GUJARAT TECHNOLOGICAL UNIVERSITY**  
(Established under Gujarat Act No. 20 of 2007)  
ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી  
(ગુજરાત અધિનિયમ ક્રમાંક :૨૦/૨૦૦૭૨દ્વારા સ્થાપિત )

No. GTU/CDC/539

Date: 13/01/2015

**CIRCULAR**

**Resolution with reference to the equivalency of Semester VI Diploma Engineering subjects of new curriculum is as follows:**

**IMPORTANT NOTES:**

- ❖ **REST BRANCHES:** Except below mentioned branches all other branches should follow 6<sup>th</sup> semester new structure, as no equivalency is applicable to those branches.
- ❖ **CPD:** All the students who have not studied CPD in previous semesters should study the CPD subject compulsory in 6<sup>th</sup> Semester.

The students who have studied in old syllabus up to semester V and have now become regular in semester VI, have to study semester VI as per new syllabus. However if the students have already cleared subjects as per the column no. 5 OR due to equivalency requirement, the students have to study the subjects mentioned in column no. 6 in place of the subject in column4) of the below mentioned table for the following branches:

**DIPLOMA IN AUTOMOBILE ENGINEERING**

1	2	3	4	5	6
SR. NO	BRANCH	SEM	SUBJECT OFFERED IN 6 <sup>th</sup> SEM. NEW SYLLABUS	PREVIOUSLY PASSED/ATTEMPTED SUBJECT IN SEM(1/2/3/4/5)	SUBJECT TO BE OFFERED DURING 6 <sup>th</sup> SEMESTER(IN PLACE OF THE SUBJECT IN COLUMN4)
1	AUTOMOBILE	VI	AUTO ENGINES DIAGNOSIS AND TESTING (3360201)	DIAGNOSIS & TESTING – I (AUTO ENGINES) (2350203 & 2350206)	TRACTOR & FARM EQUIPMENTS (2360205)
2	AUTOMOBILE	VI	AUTO TRANSMISSION-MECHANISM DIAGNOSIS AND TESTING (3360202)	DIAGNOSIS & TESTING – II (AUTO TRANSMISSION & MECH.) (2350204 & 2350207)	AUTOMOTIVE POLLUTION CONTROL ENGINNERING (2360206/3330205)
3	AUTOMOBILE	VI	TECHNICAL SEMINAR (3360206)	N.A.	PROJECT-II (2360209)

\* if the student has already studied **DIAGNOSIS & TESTING – III (AUTO ELECTRICAL SYSTEM) (2350205 & 2350208)** the subject **AUTO ELECTRICAL SYSTEM DIAGNOSIS AND TESTING (3360203)** is not required to be offered in semester6 new

### DIPLOMA IN CIVIL ENGINEERING

1	2	3	4	5	6
SR. NO	BRANCH	SEM	SUBJECT OFFERED IN 6 <sup>TH</sup> SEM. NEW SYLLABUS	PREVIOUSLY PASSED/ATTEMPTED SUBJECT IN SEM(1/2/3/4/5)	SUBJECT TO BE OFFERED DURING 6 <sup>TH</sup> SEMESTER(IN PLACE OF THE SUBJECT IN COLUMN4)
1	CIVIL	VI	DESIGN OF REINFORCED CONCRETE STRUCTURES-3360601	DESIGN OF CONCRETE STRUCTURES - 2350601	DESIGN OF STEEL STRUCTURE 3350601
2	CIVIL	VI	CONSTRUCTION QUALITY CONTROL & MONITORING 3360602	QUALITY CONTROL AND MONITORING 2350605	<b>*ADVANCE CONSTRUCTION TECHNOLOGY 3350605</b>
3	CIVIL	VI	CONSTRUCTION PROJECT MANAGEMNET 3360603	CONSTRUCTION WORKS MANAGEMENT 2350603	CONCRETE TECHNOLOGY 3350602

**\*Along with this subject in 6<sup>th</sup> sem new elective subject from any group can be offered to the students to whom the equivalency is applicable, considering the matter of adjustment in departmental teaching hours.**

### DIPLOMA IN ELECTRICAL ENGINEERING

1	2	3	4	5	6
SR. NO	BRANCH	SEM	SUBJECT OFFERED IN 6 <sup>TH</sup> SEM. NEW SYLLABUS	PREVIOUSLY PASSED/ATTEMPTED SUBJECT IN SEM(1/2/3/4/5)	SUBJECT TO BE OFFERED DURING 6 <sup>TH</sup> SEMESTER(IN PLACE OF THE SUBJECT IN COLUMN4)
1	ELECTRICAL	VI	INSTALLATION, COMMISSIONING AND MAINTENANCE (3360902)	ELECTRICAL INSTALLATION AND MAINTENANCE(2350901)	POWER SYSTEM ENGINEERING (360902)

**DIPLOMA IN MECHANICAL ENGINEERING**

1	2	3	4	5	6
SR. NO	BRANCH	SEM	SUBJECT OFFERED IN 6 <sup>TH</sup> SEM. NEW SYLLABUS	PREVIOUSLY PASSED/ATTEMPTED SUBJECT IN SEM(1/2/3/4/5)	SUBJECT TO BE OFFERED DURING 6 <sup>TH</sup> SEMESTER(IN PLACE OF THE SUBJECT IN COLUMN4)
1	MECHANICAL	VI	-----	-----	*CAD (3341904)
2	MECHANICAL	VI	TOOL ENGINEERING 3361902	TE (2351904) OF PREVIOUS CURRICULUM.	IN PLACE OF THIS CAD (3341904) IS TO BE OFFERED.

\*TO BE OFFERED TO ALL OLD STUDENTS COMPULSARILY.

**DIPLOMA IN PLASTIC ENGINEERING**

1	2	3	4	5	6
SR. NO	BRANCH	SEM	SUBJECT OFFERED IN 6 <sup>TH</sup> SEM. NEW SYLLABUS	PREVIOUSLY PASSED/ATTEMPTED SUBJECT IN SEM(1/2/3/4/5)	SUBJECT TO BE OFFERED DURING 6 <sup>TH</sup> SEMESTER(IN PLACE OF THE SUBJECT IN COLUMN4)
1	PLASTICS	VI	-----	-----	PROCESS INSTRUMENTATION AND MAINTENANCE (3342305)
2	PLASTICS	VI	-----	-----	BLOW ROTATIONAL AND THERMOFORMING PROCESS (3342301)

**DIPLOMA IN POWER ELECTRONICS ENGINEERING**

1	2	3	4	5	6
SR. NO	BRANCH	SEM	SUBJECT OFFERED IN 6 <sup>TH</sup> SEM. NEW SYLLABUS	PREVIOUSLY PASSED/ATTEMPTED SUBJECT IN SEM(1/2/3/4/5)	SUBJECT TO BE OFFERED DURING 6 <sup>TH</sup> SEMESTER(IN PLACE OF THE SUBJECT IN COLUMN4)
1	POWER ELECTRONICS	VI	-----	-----	AC MOTOR DRIVES 3352401
2	POWER ELECTRONICS	VI	-----	-----	MICROCONTROLLER FOR POWER ELECTRONICS 3352404

**DIPLOMA IN TEXTILE PROCESSING TECHNOLOGY**

1	2	3	4	5	6
<b>SR. NO</b>	<b>BRANCH</b>	<b>SEM</b>	<b>SUBJECT OFFERED IN 6<sup>1H</sup> SEM. NEW SYLLABUS</b>	<b>PREVIOUSLY PASSED/ATTEMPTED SUBJECT IN SEM(1/2/3/4/5)</b>	<b>SUBJECT TO BE OFFERED DURING 6<sup>1H</sup> SEMESTER(IN PLACE OF THE SUBJECT IN COLUMN4)</b>
1	TEXTILE PROCESSING TECHNOLOGY	VI	MANAGEMENT OF ENERGY AND ENVIRONMENT IN WET PROCESSING (3362802)	MANAGEMENT OF ENERGY AND ENVIRONMENT IN WET PROCESSING (352803)	COMPUTER APPLICATION IN WET PROCESSING (362802)
2	TEXTILE PROCESSING TECHNOLOGY	VI	-----	-----	POLYMER SCIENCE (362801)
3	TEXTILE PROCESSING TECHNOLOGY	VI	-----	-----	MANAGEMENT OF TEXTILE WET PROCESSING INDUSTRIES (362803)

## DIPLOMA IN TRANSPORTATION ENGINEERING

Considering students who had cleared up to 5<sup>th</sup> Semester in old Syllabus

1	2	3	4	5	6
SR. NO.	BR.	SEM	SUB OFFERED IN SEM 6 NEW SYLLABUS	PREVIOUSLY PASSED/ ATTEMPTED IN SEM(1/2/3/4/5)	SUB TO BE OFFERED DURING 6 <sup>TH</sup> SEM(in place of the subject in column4)
1	TRANSPORTATION ENGINEERING	6	URBAN TRANSPORTATION PLANNING(3366001)	PREVIOUSLY PASSED IN SEM 4 <sup>th</sup> (346002)	* HIGHWAY CONSTRUCTION (3356002) / * DOCKS HARBOUR AND TUNNEL ENGINEERING (3366004)
2	TRANSPORTATION ENGINEERING	6	Construction Quality Control And Monitoring (3360602)	PREVIOUSLY PASSED IN SEM 5 <sup>th</sup> (2350605)	ADVANCED TRAFFIC ENGINEERING (3356001)
4	TRANSPORTATION ENGINEERING	6	CONSTRUCTION PROJECT MANAGEMENT (3360603)  ELECTIVE-II (GP1)	PREVIOUSLY PASSED IN SEM 5 <sup>th</sup> (2350603)	HIGHWAY MAINTENANCE (3356004)  ELECTIVE-I (GP 1)

**NOTE: Only one elective subject should be given to student from each elective group**

\* Considering students who had cleared up to 5<sup>th</sup> Semester in old Syllabus

\* Considering students who had cleared up to 4<sup>th</sup> Semester in old syllabus and 5<sup>th</sup> semester in New syllabus

**DIPLOMA IN COMPUTER AIDED COSTUME DESIGN & DRESS MAKING**

The transitional phase students who have earned minimum 173 credits shall be eligible for conferring of Diploma in Architectural Assistantship. (This circular is issued based on approval in minutes of academic council meeting dated 20<sup>th</sup> November, 2014)

(As the teaching hours of 1st semester old match with 1st semester new)

**I/C Registrar**