



GUJARAT TECHNOLOGICAL UNIVERSITY
(Established under Gujarat Act No. 20 of 2007)

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી
(ગુજરાત અધિનિયમ ક્રમાંક: ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

Ref: GTU/Academic/2016/9869

Date: 29th December 2016

Circular

Equivalency of BE 8th Semester

The students who have studied in old syllabus and have now become regular in semester VIII, have to study as per New Syllabus and have to study the subjects mentioned in column VI whereas the student shall be exempted from the subjects mentioned in column IV.

Branch Code	Branch	Sem.	Subject Offered In 8th Sem. New Syllabus for Detained Students	Previously Passed/Attempt ed Subject In Sem(1/2/3/4/5/6/7) for Detained Students	Subject To Be Offered During 8th Semester for Detained Students
1	Aeronautical Engineering	VIII	-	-	Aviation Meterology, Navigation and Communication (2160110)
2	Automobile Engineering	VIII	Automobile System Design (2180206)	Automobile System Design (170202)	Oil Hydraulics & Pneumatics (2171912)
			Department Elective II	-	Computer Aided Design (2161903)
			Department Elective III	-	Automotive Electrical Systems (2150208)
6	Civil Engineering	VIII	Construction Management (2180611)	Construction management and Equipments (170601)	Professional Practices and Valuation (2170610)
7	Computer Engineering	VIII	Web Data Management (2180713)	Web Data Management (170708)	Any other additional Elective from DE III
8	Electrical & Electronics Engineering	VIII	Industrial Automation (2180807)	Industrial Automation (170802)	Sensor Networks and Instrumentation (2170808)
11	Electronics & Communication Engineering	VIII	-	-	Data communication and networking (2171008)
13	Environmental Engineering	VIII	Advance Waste water Treatment Technologies (2181308)	Advance Waste water Treatment Technologies (171301)	Municipal and Industrial Solid waste management (2151307)
16	Information Technology	VIII	Web Data Management (2180713)	Web Data Management (170708)	Any other additional Elective from DE III
19	Mechanical Engineering	VIII	Renewable Energy Engineering (2181910)	Alternate Energy Sources (161904)	Production Technology (2161909)
			Department Elective II	-	Machine Design (2171909)
			Department Elective III	-	Steam and Gas Turbines (2181928)
			-	-	Refrigeration and Airconditioning (2161908)
21	Metallurgy Engineering	VIII	Advanced Ferrous Metallurgy (DE-II) (2182108)	Advanced Ferrous Metallurgy (DE-I)(172106)	Physical Metallurgy of Special Purpose Non-ferrous Metals and Alloys (DE-I) (2172112)
			Alloy Design (DE-II) (2182115)	Alloy Design (172104)	Materials Characterization (2172109)
24	Power electronics	VIII	Switch Gear & Protection (2182407)	Switch Gear and Fault Analysis (162403)	Electrical Power Utilization & Traction (2162407)



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The students who become regular in the following branches have to study all the subjects as per new teaching scheme of Semester VIII:

Branches: Bio Technology, Chemical Engineering, Electrical Engineering, Electronics Engineering, Food Processing Technology, Industrial Engineering, Instrumentation & Control Engineering, Mechatronics, Mining, Production Engineering, Rubber Technology, Textile Processing, Textile Technology, Information & Communication Technology, Manufacturing Engineering, Environmental Science & Technology, Chemical Technology

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I/c Registrar