



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

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

Ref: GTU/Academic/2019/ 4456

Date: 19th June 2020

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Circular

Ref: Agenda Number – 16 of Academic Council meeting dated 19th March 2020

Equivalency for Bachelor of Engineering students for 5th Semester

Gujarat Technological University has implemented new syllabus for the students of Degree Engineering from the academic year 2018-19.

Those students who have studied Semester I to IV in old syllabus (Effective from Academic Year 2013-14) and now become regular in Semester V have to study as per new syllabus (Effective from Academic Year 2018-19) and additionally have to study the subjects mentioned in Column VI whereas the student shall be exempted from the subjects mentioned in Column IV.

Code	Branch Name	Students entering in semester	Subjects to be exempted	Previously attempted subject name and code	Subject to be offered
01	Aeronautical Engineering	V	Manufacturing Processes and Production Techniques (3150109) (Open Elective)	Aircraft science and Manufacturing Processes (2130106)	Avionics (3140111)
02	Automobile Engineering	V	Automobile Engines (3150210)	Automobile Engines (2140203)	-
05	Chemical Engineering	V	-	-	Chemical Engineering Thermodynamics II (3140507)
06	Civil Engineering	V	Concrete Technology (3150610)	Concrete Technology (2140608)	-
07	Computer Engineering	V	Computer Networks (3150710)	Computer networks(2140709)	Object oriented programming-I(3140705)
09	Electrical Engineering	V	a) Electrical Machine- II (3150910) b) Signals and systems (3150912)	a) Signals and Systems (2141005) b) AC Machines (2140906)	a) Control System theory (3130905) b) Power System-1 (3140914) c) Power Electronics (3140915)
16	Information Technology	V	Computer Networks (3150710)	Computer networks(2140709)	Object oriented programming-I(3140705)
19	Mechanical Engineering	V	Manufacturing Technology (3151912)	Manufacturing Processes II (2141908)	-
21	Metallurgy	V	-	-	Physical Metallurgy (3142109)
22	Mining	V	-	-	Rock Mechanics (3142209)
23	Plastic	V	-	-	a) Fundamentals of Mold Design (3142308) b) Injection Molding Technology (3142310)



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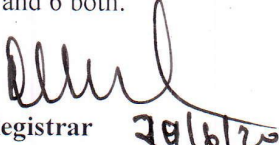
ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી
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24	Power Electronics	V	-	-	Control theory (3142407)
26	Rubber Technology	V	-	-	a) Rubber Rheology (3142607) b) Textile & Metal Reinforcement of Elastomers (3142608)
29	Textile Technology	V	-	-	Fabric Formation II (3142906)
31	Computer Science and Engineering	V	Computer Networks (3150710)	Computer networks(2140709)	Object oriented programming-I(3140705)
35	Environmental Science and Technology	V			Environmental Management-II (3143510), Waste Water Treatment-I (3143511)
36	Chemical Technology	V	Chemical synthesis for Technologists (3153622)	Advanced Organic Chemistry for Technologists (2143606)	a) Basic of Heat transfer (3143611) b) Basics of Fluid Flow (3133608)
40	Civil and Infrastructure	V	1. Highway and Traffic Engineering (3154008) 2. Building & Town Planning (3154011)	1. Basics of Transportation Engineering (2144003) 2. Building, Town and Infrastructure Planning (2144001)	1. Water Resource Engineering & Hydrology (3144005) 2. Fluid Mechanics and Hydraulics (3134005)

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

Branches: Biomedical Engineering, Biotechnology, Electronics, Electronics and Communication, Environmental Engineering, Food Processing Technology, Industrial Engineering, Instrumentation and Control Engineering, Mechatronics, Production, Information and Communication Technology, Manufacturing Engineering, Nanotechnology, Robotics and Automation

For all such students for all the branches the subjects offered as Personality development Elective ie Contributor Personality Development Program and Integrated Personality Development Course will be exempted in Semester 5 and 6 both.


Registrar 29/6/20