



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

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

Ref: GTU/Academic/2020/ 9072

Date: 16th December 2020
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Ref: Resolution Number – 24 of Academic Council meeting dated 7th November 2020

Equivalency for Bachelor of Engineering students for 6th 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 V in old syllabus (Effective from Academic Year 2013-14) and now become regular in Semester VI 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.

I	II	III	IV	V	VI
Code	Branch Name	Students entering in semester	Subjects to be exempted	Previously attempted subject name and code	Subject to be offered
01	Aeronautical Engineering	VI	Computational Fluid Dynamics (3161915)	Computational fluid dynamics I (2140107) Computational fluid dynamics II (2150104)	Airport Management (3150108)
05	Chemical Engineering	VI	-	-	Chemical Process Plant Design & Economics (3150506)
06	Civil Engineering	VI	Water Resources Engineering & Hydrology (3160610) Environmental Engineering (3160611)	Hydrology And Water Resources Engineering (2150602) Environmental Engineering (2150603)	Students have to opt 2 electives from each Professional elective offered
07	Computer Engineering	VI	Microprocessor & Interfacing (3160712) System Software (Elective) (3160715)	Microprocessor & Interfacing (2150707) System Programming (2150708)	Advance Java Programming (Elective) (3160707)
09	Electrical Engineering	VI	Microprocessors and Microcontrollers (3160914) Electrical Measurement & Measuring Instruments (3160915)	Microprocessor and Microcontroller Architecture & Interfacing (2150907) Electrical Measurement and Measuring Instruments (2130903)	Power System- II (3150911)
10	Electronics	VI	-	-	VLSI Design (3151105)
11	Electronics and Communication	VI	-	-	VLSI Design (3151105)



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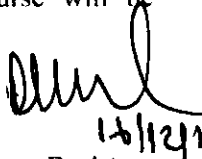
ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી
(ગુજરાત અધિનિયમ ક્રમાંક: ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

21	Metallurgy	VI	Environmental Degradation of Materials (3152110)	Material Degradation And Prevention (2162108)	Environmental Degradation of Materials (3152110)
22	Mining	VI	-	-	a) Human Resource Management (3152209) b) Industrial Management (3152210)
23	Plastic	VI	Processing Techniques for Thermoplastic (3162312)	Basic Plastic Processing and Thermal Engineering(2142301)	Fundamentals of Mold Design (3142308); Plastic Testing-II(3152308), Professional Elective I: Open Elective I
24	Power Electronics	VI	-	-	Professional Elective I
26	Rubber	VI	-	-	Rubber Product & Process Engineering (3152607); Synthetic Rubbers (3152608); Professional Elective Course-I; Open Elective-I
29	Textile Technology	VI	-	-	Fabric Formation III (3152909)
31	Computer Science and Engineering	VI	Microprocessor & Interfacing (3160712) System Software (Elective) (3160715)	Microprocessor & Interfacing (2150707) System Programming (2150708)	Advance Java Programming (Elective) (3160707)
36	Chemical Technology	VI	Basics of Mass Transfer (3153617)	Basics of Mass Transfer (2163609)	-
40	Civil and Infrastructure	VI	Railway & Bridge Engineering	Railway & Bridge Engineering (2154004)	Infrastructure Utilities – Open Elective (3154012)

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

Branches: Instrumentation and Control Engineering, Biomedical Engineering, Automobile Engineering, Mechanical Engineering, Industrial, Aeronautical, Production, Manufacturing, Information Technology, Mechatronics, Robotics and Automation, Biotechnology, Food Processing Technology, Mechatronics, Nanotechnology, Environmental Science and Technology, Environmental Engineering, Information Communication and technology

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 6.


15/11/21
Registrar