



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

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

Ref: GTU/Academic/Equivalency/2020/9073

Date: 16th December 2020

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

Equivalency for Bachelor of Engineering students for 4th Semester

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

Those students who have studied Semester I to III in old syllabus (Effective from Academic Year 2013-14) and now become regular in Semester IV 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	IV	Fluid Mechanics (3140110)	Fundamentals of Fluid Mechanics (2130101)	Thermodynamics for Aeronautical Engineering (3130109) Partial Differential Equations and Numerical Methods (3130107)
05	Chemical Engineering	IV	Unit Processes & Chemical Technology (3140508)	Organic Chemistry and Unit Processes (2130501) Chemical Process Industries-I (2130505)	Chemical Engineering Thermodynamics-I (3130507)
06	Civil Engineering	IV	Surveying (3140601)	Surveying (2130601)	Building and Town Planning (3130609)
07	Computer Engineering	IV	Principles of Economics & Management (3140709)	Engineering Economics & Management (2130004)	-
09	Electrical Engineering	IV	Electrical Machine-I (3140913)	DC Machines and Transformer (2130904)	Control System Theory (3130905)
15	Industrial	IV	Manufacturing Technology I (3142509)	Manufacturing Process I (2131903)	Probability and statistics (3130006)
16	Information Technology	IV	Principles of Economics & Management (3140709)	Engineering Economics & Management (2130004)	-
19	Mechanical	IV	Manufacturing Process (3141908)	Manufacturing Process I (2131903)	-
22	Mining	IV	Mine Surveying-I (3142202)	Surveying (2130601)	-
23	Plastic Technology	IV	Plastics Testing-I (3142311)	Basic of Plastic Material Testing (2132303)	Thermoset Plastics: Material and processing



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					Techniques (3132304) Hydraulics and Pneumatics in Plastic Industry (3132305) Applied Mathematics in Plastic Industry (3132306)
25	Production	IV	Manufacturing Technology I (3142509)	Machining Processes (2132501)	Probability and statistics (3130006) Kinematics and Dynamics of Machines (3132505)
26	Rubber Technology	IV	-	-	Numerical methods and Viscoelastic models of Elastomers (3132606) Latex Technology (3132605)
29	Textile Technology	IV	-	-	Fabric Formation I (3132907)
31	Computer Science and Engineering	IV	Principles of Economics & Management (3140709)	Engineering Economics & Management (2130004)	-
32	ICT	IV	Principles of Economics & Management (3140709)	Engineering Economics & Management (2130004)	-
34	Manufacturing	IV	Manufacturing Technology I (3142509)	Machining Processes (2132501)	Probability and statistics (3130006) Basic and Applied Thermodynamics (3132504) Kinematics and Dynamics of Machines (3132505)
35	Environmental Science & Technology	IV	Organic Chemistry & Industrial Processes (3143509)	Organic Chemistry (2133501)	Basics of Unit Operations (3133507) Environmental Management - I (3133508)
40	Civil and Infrastructure	IV	Environmental Sustainability (3144006)	Green Chemistry and Technology (2134004)	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 IV:

Branches: Automobile, Biomedical Engineering, Biotechnology, Electronics, Electronics and Communication, Environmental Engineering, Food Processing Technology, Instrumentation and Control Engineering, Mechatronics, Metallurgy, Power Electronics, Robotics and Automation, Nanotechnology, Chemical Technology


16/12
Registrar