

Gujarat Technological University

No: GTU/Acad/BE/2015/3409

Date: 12th March 2015

Circular

Subject: Restrictions for the Selection of Open Elective for ME Semester II.

Gujarat Technological University has implemented the new revised syllabus for M.E. from the academic year 2014-15. GTU had issued a circular regarding selection of 'Open Elective' at M.E. Semester II (Ref no: GTU/Academic/2015/1912 dated 20th February 2015).

Further the restrictions laid by the University for the Selection of the open elective based on the recommendations of the syllabus committee are tabulated as under:

All the Principals/Directors of Institutes offering Master of Engineering (M.E.) Program are hereby informed to strictly adhere to the same and the choice filling of the electives shall be executed through portal by the exam section accordingly

Sr No	Branch/Group	Offered Open Elective (Institute Elective) in ME	Restricted branches
1	Electronics & Communication (Communication Systems Engg) (05) Electronics & Communication (Signal Processing And VLSI Technology) (26) Electronics & Communication (Wireless Communication Systems & Networks) (27) Electronics & Communication (Signal Processing & Communication) (41)	Introduction to Artificial Intelligence	Computer Engineering (Software Engineering) (02) Information Technology (23) power Electronics (29) Electrical Engineering (07) Computer Engineering (Systems & Network Security)(56)
	Electronics & Communication (Embedded System) (54) Electronics & Communication (VLSI System Design) (42)	Computer Networks	Computer Engineering (Software Engineering) (02) Information Technology (23) Computer Engineering (Systems & Network Security)(56)
2	Computer Engineering (Software Engineering) (02)	Internet Technology	Information Technology (23) Computer Engineering (Systems & Network Security)(56)
		OOP with Java	Information Technology (23) Computer Engineering (Systems & Network Security)(56)

3	Instrumentation and Control (Applied Instrumentation) (03)	Programmable Logic Controller	-
5	Mechanical (CAD/CAM) (08)	CAD / CAM Systems	-
4	Electrical Engineering (07)	Economics of Energy Generation & Supply	-
		Digital Signal Processing for Power Electronics	-
6	Mechanical (Machine Design) (09)	Product Design	-
7	Mechanical (Cryogenic Engineering) (10)	Energy Economics and Management	-
	Mechanical (I.C. Engine & Automobile Engineering) (11)		
	Mechanical (Thermal Engineering) (21)		
	Mechanical (Production Engineering) (28)		
	Energy Engineering (39)		
8	Civil (Transportation Engineering) (13)	Basics of Transportation Engineering	-
Geo spatial Techniques		-	
9	Civil (Construction Engineering and Management) (14)	Strategic Management	-
		Energy management	-
		Disaster Management	-
10	Chemical Engineering (Computer Aided Process Design) (16)	Cleaner Production in Chemical Industries (CPCI)	-
11	Environmental Engineering (17)	Climate Change	-
12	Environmental Management (18)	Environmental Audit and Legislation	-
13	Civil (Structural Engineering) (20)	Disaster management and mitigation	-
		Advances in Concrete Technology and Sustainable Construction Practices	-
14	Information Technology (23)	Internet Technology	Computer Engineering (Software Engineering) (02)
	Computer Engineering (Systems & Network Security)(56)	Database Management Systems	Computer Engineering (Software Engineering) (02)
15	Plastic Technology (24)	Plastics Mould manufacturing Technology	-
		Safety , pollution control and waste management in polymer industries	-
16	Textile Engineering (25)	Engineering Applications of Textile	-

17	Power Electronics (29)	Industrial Electronics & Control	-
18	Chemical Engineering (30)	Energy Technology	-
19	Bio Medical Engineering (31)	Introduction to Biomedical Engineering	Electronics & Communication (Communication Systems Engg) (05) Electronics & Communication (Signal Processing And VLSI Technology) (26) Electronics & Communication (Wireless Communication Systems & Networks) (27) Electronics & Communication (Signal Processing & Communication) (41) Electronics & Communication (Embedded System) (54) Electronics & Communication (VLSI System Design) (42) Electronics & Communication (Wireless Communication Technology) (44)
20	Civil (Water Resources Engineering) (33)	Infrastructure engineering and management	-
		Rehabilitation and Retrofitting of Buildings	-
21	Rubber Technology (40)	Cleaner Production in Rubber Industries	-
22	Civil (Geotechnical Engineering) (43)	Elementary Machine Foundations	-
23	Electronics & Communication (Wireless Communication Technology) (44)	Sensor Technology	-
		Embedded System and its applications	Computer Engineering (Software Engineering) (02) Information Technology (23) Computer Engineering (Systems & Network Security)(56)
24	Power Electronics & Electrical Drives (45)	Energy Efficient Electrical Systems	-
25	Mechanical (Industrial Engineering) (46)	Production Management Systems	-
26	Mechatronics (47)	Optimization Theory and Practice	-
27	Civil (Town & Country Planning) (48)	Housing for Special Area	-

sd
I/c Registrar