

Dean Academic (UG) Section
DELHI TECHNOLOGICAL UNIVERSITY

Established by Govt. of Delhi Vide Act 6 of 2009
Shahbad Daulatpur, Bawana Road, Delhi-110042

F.No. DTU/ Dean (UG)/2016/

Dated: 28/07/2016

CIRCULAR

The Course Name and course code for **elective-I** and **open elective subject** for VII Semester B. Tech. students, being offered by various departments in the academic session, Aug-Dec 2016-2017 is enclosed. The students may opt the open electives from the above list for online registration for academic session Aug-Dec 2016. Depending upon the number of students registered in a particular open elective, it may be offered/permitted by the concerned department.

(Prof. Madhusudan Singh)
Dean Academic (UG)

Copy to:-

1. PS to the Hon'ble Vice Chancellor DTU, for the information of the Hon'ble VC
2. PA to Pro-Vice Chancellor, DTU
3. Registrar, DTU
4. All Dean's
5. All HoD's
6. OSD (Result) with a request to open there elective for online registration to VII Sem students
7. AR Academic-UG
8. Students Notice Board
9. Head Computer Centre: With the request to upload on DTU Website

Sr.No	Department	Semester	Type of Subject	Name of subject	Subject Code
1.	Electronics Engineering	VII Sem	Elective-1	1. Satellite Communication 2. Optical Communication	EC-403-7 EC-403-8
			Open Elective-1	1. Soft Computing 2. Computing Vision 3. Neuro Electronics	EC-413-9 EC-413-10 EC-413-11
2.	Electrical Engineering	VII Sem	Elective-1	1. SCADA and Energy Management System	EE-403-2
			Open Elective -1	1. Restructured Power System 2. Non Conventional Energy System 3. Advance Analog Circuit Design	EE-404-4 EE-404-8 EE-404-3
	Electrical & Electronics Engineering		Elective-1	1. HVDC Transmission System	EL-403-4
			Open Elective -1	1. Restructured Power System 2. Advance Analog Circuit Design	EL-404-4 EL-404-3
3.	Mechanical Engineering	VII Sem	Elective-1	1. Finite-Element-Method 2. Dimensional-Quality-Engineering 3. Non-Conventional-Energy-Sources	ME-403-1 ME-403-2 ME-403-3
			Open Elective-1	1. Automobile-Engineering 2. Advance-Machining-Processes 3. Computer-Integrated-manufacturing	ME-404-2 ME-404-3 ME-404-4
	Production & Industrial Engineering		Elective-1	1. Reliability-Engineering	PE-403-2
			Open Elective-1	1. Project-Management	PE-404-2
	Mechanical (With Specialisation in Automobile Engineering)		Elective-1	1. Fuel-Cells	AE-403-9
			Open Elective-1	1. Fleet-Management	AE-404-8
4.	Humanities Department	VII Sem	Elective-1	-	
			Open Elective-1	1. Mathematical Economics and Econometrics	MC-404-1
5.	Applied Chemistry	VII Sem	Elective-1	-	
			Open Elective-1	1. Biosensor Technology	PT-404

6.	Applied Physics	VII Sem	Elective-1	1. Introduction to Automation and motion control 2. Nano Science & Technology	EP-4033 EP-4031
			Open Elective-1	1. Computer Networking	EP-4041
7.	Civil Department	VII Sem	Elective-1	1. Geotechnical Earthquake Engg. 2. Earth & Earth Retaing Structures	CE-4047 CE-4048
			Open Elective-1		
8.	Environmental Engineering	VII Sem	Elective-1	1. Surface Transport Noise Pollution	EN-411(7)
			Open Elective-1	Does not exit (As informed by Department)	
9.	Applied Mathematics	VII Sem	Elective-1	1. Fuzzy Sets & Fuzzy Logic	MC-403-4
			Open Elective-1	1. Mathematical Economics & Econometrics	MC-404-1
10.	Computer Engineering	VII Sem	Elective-1	1. Distributed Computing System	COE-403-1
			Open Elective-1	1. Digital Image Processing	COE-404-3
	Information Technology		Elective-1	1. Digital Image Processing	IT-403-4
			Open Elective-1	1. Advances in Database Management System	IT-404-2
	Software Engineering		Elective-1	1. Software Quality Metrics	SE-403-1
			Open Elective-1	1. Soft Computing	SE-404-2
11.	Bio-Technology	VII Sem	Elective-1	1. Current Topic in Biotechnology	BT-403
			Open Elective-1	1. Bio Sensor	BT-404