



Delhi Technological University
(Formerly Delhi College of Engineering)
Shahbad Daulatpur, Bawana Road, Delhi-110042

Examination Department

F.No. DTU/Examination/2020-21/O/42

Dated: 21-07-2020

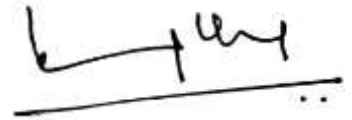
Registration Schedule for Odd Semester-Academic Year 2020-21

1. The schedule for the online registration of **Odd Semester - 2020** is as follows: -

S.No.	Program	Sem.	Start Date	End Date
1.	B.Tech.	VII	25.07.2020 (Saturday) at 03:00 PM	31.07.2020 (Friday)
2.	B.Tech.	V	26.07.200 (Sunday) at 03:00 PM	
3.	B.Tech.	III	27.07.200 (Monday) at 03:00 PM	
4.	B.Des.	III/V	27.07.2020 (Monday) at 03:00 PM	
5.	BBA, BA(E)	III/V		
6.	B.Tech (Evening)	III/V/VII		
7.	M.Tech.	III		
8.	M.Tech.(Part time)	III/V		
9.	MSc	III		
10.	MBA(DSM,USME), EMBA, MBA(BA), MBA(FBE)	III		

2. **Login using your ID (i.e. roll no.) and password on https://cumsdtu.in/registration_student**
3. Prior to initiating the registration & filling data online, please go through the guidelines properly.
4. There will be no separate registration for **Odd Semester Examinations, 2020**.
5. No Students will be allowed to register after the prescribed date.
6. Online registration is mandatory for all the students. Offline registration is not permissible.
7. A minimum of 20 students is required to run an elective course of B.Tech Programme. In case, sufficient numbers of students are not registered in an elective course, the same shall be withdrawn through a notice and the student shall register for another course through the registration portal given above.

8. Student should not opt same or related Elective which he/she have already pursued in previous semester(s) or any core course which he/she will have to pursue in forthcoming semester(s).
9. Students shall down the registration form and retain a copy of it.
10. Registration for odd semester 2020-21 is valid subject to payment of Annual Fees and Re-registration fees for pending courses, if any.
11. Students are required to regularly visit the website for more instructions.
12. For any query related to online registration, Students may contact Examination Branch at exam-support@dtu.ac.in.



(KAMAL PATHAK)
Controller of Examinations

F.No. DTU/Examination/2020-21/

Dated: 21-07-2020

Copy to:

1. PA to VC for kind information to the Hon'ble Vice Chancellor, DTU.
2. Registrar, DTU.
3. Dean Acad (UG/PG).
4. All HODs /HOD (USME) with a request to inform all the students.
5. OIC (B.Tech. Evening) / Co-ordinator, FEC.
6. Incharge (Secrecy)/Incharge(C&E).
7. Head (CC)/KNM with a request to upload the information on University Website.
8. Sh. Prashant Saxena, M/s Libsys with a request to keep the registration server ready.
9. Guard File.



(Madhukar Ch.)
EDP Manager



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**GUIDELINES FOR SELECTION OF COURSES FOR
B.TECH.V AND VII SEMESTERS**

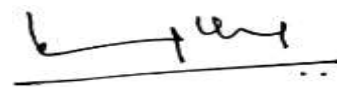
1. The generic course structure for V Semester is as follows:

S.No.	Code	Title	Area	Cr	L	T	P
1.	xx301	Departmental Core Course(DCC)	DCC	4	3	0/1	2/0
2.	xx303	Departmental Core Course(DCC)	DCC	4	3	0/1	2/0
3.	-----	Generic Elective Course -1 (GEC1)	GEC	4	3	0/1	2/0
4.	-----	Generic Elective Course- 2 (GEC2)	GEC	4	3	0/1	2/0
5.	-----	Open Elective Course	OEC	3	3	0	0
6.	MG/ HUxxx	Fundamentals of Management/ Engineering Economics	HMC	3	3	0	0
		Total		22			

2. The generic course structure for VII semester is as follows:

S.No.	Code	Title	Area	Cr	L	T	P
1.	xx401	B.Tech. Project-1	DCC	4			
2.	xx403	Training Seminar	DCC	2			
3.	xx405	Departmental Core Course(DCC)	DCC	4	3	0	2
4.	xx407	Departmental Core Course(DCC)	DCC	4	3	0	2
5.	GEC1	Generic Elective Course -1 (GEC1)	GEC	4	3	0/1	2/0
6.	GEC2	Generic Elective Course- 2 (GEC2)	GEC	4	3	0/1	2/0
		Total		22			

3. A minimum of 20 students is required to run an elective course. In case, sufficient numbers of students are not registered in an elective course, the same shall be withdrawn and the student will be given a chance to register for another course out of the available vacancies at that time.
4. Student may choose GEC1 and GEC2 from the pool of GECs offered by his/her respective department and/or from GECs offered by the other departments, subject to following :-
 - (i) A maximum of 20 students from other departments can register in the GECs offered by a particular department.
 - (ii) If a student opts a GEC from slot A then he cannot opt for GEC 2 from slot A. Also, he/she cannot opt for GEC 2 which is offered in two slots i.e. A & B or A & C or A & D.
 - (iii) If a GEC is offered in two slots A & B and the student opts such elective in slot A, then he/she cannot opt for GEC 2 from slots A & B.
5. The list of GECs & OECs offered by various departments for B.Tech. V semester is enclosed as Annexure 1 and 2 respectively.
6. The list of GECs offered by various departments for B.Tech VII semester is enclosed as Annexure 3.
7. Students can opt for offline/online MOOC course of 4 credits in a semester in GEC category with prior approval of BOS of the respective department and as per guidelines issued for MOOC courses from time to time.



(Kamal Pathak)
Controller of Examinations

List of Generic Elective Courses (GECs) for B.Tech. V Semester

CourseCode	Slot	Course Title
AE307	A	COMBUSTION GENERATED POLLUTION
AE309	B	OPERATIONS RESEARCH
AE317	C	POWER UNITS AND TRANSMISSION
BT323	D	POPULATION GENETICS
BT325	C	CELL BIOLOGY
BT325	D	CELL BIOLOGY
BT413	D	NANOBIOTECHNOLOGY
CE305	D	MECHANICS OF MATERIALS
CE307	C	ADVANCED GEO-TECHNICAL ENGINEERING
CE309	D	ENVIRONMENTAL ENGINEERING DESIGN
CE313	A	EARTHQUAKE TECHNOLOGY
CE315	B	ROCK ENGINEERING
CE317	B	SOLID WASTE MANAGEMENT AND AIR POLLUTION CONTROL
CO305	C	INFORMATION THEORY AND CODING
CO313	B	COMPUTER GRAPHICS
CO313	D	COMPUTER GRAPHICS
CO327	A	MACHINE LEARNING
CO327	C	MACHINE LEARNING
EC305	A	SEMICONDUCTOR DEVICE ELECTRONICS
EC309	A	BIO – MEDICAL ELECTRONICS & INSTRUMENTATION
EC313	B	MICROPROCESSORS AND INTERFACING
EC315	B	COMPUTER COMMUNICATION NETWORKS
EC319	C	CMOS ANALOG INTEGRATED CIRCUITS
EC321	C	IC TECHNOLOGY
EC323	D	CONTROL SYSTEMS
EE305	D	SIGNALS AND SYSTEMS
EE307	D	POWER STATION PRACTICES
EE309	C	SPECIAL ELECTRICAL MACHINES
EE311	C	ENERGY EFFICIENT MOTORS
EE313	B	LINEAR INTEGRATED CIRCUITS
EE315	A	DIGITAL CONTROL AND STATE VARIABLE ANALYSIS
EE319	A	DIGITAL SYSTEM DESIGN
EE321	B	SOFT COMPUTING
EE323	D	MACHINE LEARNING
EE325	B	INTERNET OF THINGS
EN305	B	OIL POLLUTION AND REMEDIATION
EN307	B	PLANNING AND DESIGN OF ENVIRONMENTAL ENGINEERING WORKS
EN311	C	CLIMATE CHANGE AND CDM
EN313	B	ENVIRONMENTAL TECHNOLOGY & RISK ASSESSMENT
EP305	A	ATOMIC AND MOLECULAR PHYSICS
EP307	C	BIOPHYSICS
EP309	B	QUANTUM INFORMATION AND COMPUTING
IT321	A	MALWARE ANALYSIS
IT321	C	MALWARE ANALYSIS

IT323	B	MACHINE LEARNING
IT323	D	MACHINE LEARNING
MC305	A	OPERATION RESEARCH
MC305	D	OPERATION RESEARCH
MC307	B	OBJECT ORIENTED PROGRAMMING
MC315	C	MODERN ALGEBRA
PE307	C	FINITE ELEMENT METHOD
PE315	D	MECHATRONICS
PT305	D	PROCESS EQUIPMENT DESIGN
PT309	B	PETROLEUM REFINING ENGINEERING
PT319	C	BIOMATERIALS
SE321	B	ARTIFICIAL INTELLIGENCE
SE323	A	THEORY OF COMPUTATION

List of Open Elective Courses (OECs) for B.Tech. V Semester

Course Code	Course Title
CO357	OPERATING SYSTEM
CO361	DATABASE MANAGEMENT SYSTEM
EC353	COMPUTER VISION
EC 357	DIGITAL IMAGE PROCESSING
EC359	VLSI DESIGN
EE351	POWER ELECTRONICS SYSTEM
EE353	ELECTRICAL MACHINES AND POWER SYSTEMS
EE355	INSTRUMENTATION SYSTEMS
EE357	UTILIZATION OF ELECTRICAL ENERGY
EE359	NON-CONVENTIONAL ENERGY SYSTEM
EN353	OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT
HU351	ECONOMETRICS
HU353	INTERNATIONAL TRADE
IT353	DATA STRUCTURES AND ALGORITHMS
ME353	RENEWABLE SOURCES OF ENERGY
ME359	REFRIGERATION AND AIR CONDITIONING
PE353	SUPPLY CHAIN MANAGEMENT
PE361	TOTAL QUALITY MANAGEMENT
PT361	HIGH PERFORMANCE POLYMERS
PT367	POLYMER WASTE MANAGEMENT

List of Generic Elective Courses (GECs) for B.Tech. VII Semester

Course Code	Slot	Course Title
AE411	Q	VEHICLE MAINTENANCE & TRIBOLOGY
AE413	S	VEHICLE TRANSPORT MANAGEMENT
BT413	P	NANOBIOTECHNOLOGY
BT425	Q	BIOMATERIALS
CE409	P	ADVANCED DESIGN OF CONCRETE STRUCTURES
CE413	Q	WATER RESOURCES MANAGEMENT
CE415	Q	TRANSPORTATION SAFETY AND ENVIRONMENT
CE417	R	FINITE ELEMENT METHOD FOR 2-D STRUCTURES
CE419	S	SOIL DYNAMICS
CE423	S	ADVANCED TRANSPORTATION ENGINEERING
CO415	Q	WIRELESS AND MOBILE COMPUTING
CO415	S	WIRELESS AND MOBILE COMPUTING
CO423	P	SWARM & EVOLUTIONARY COMPUTING
CO423	R	SWARM & EVOLUTIONARY COMPUTING
CO427	Q	Web Technology
EC409	P	COMPUTER VISION
EC411	P	BIO – MEDICAL SIGNAL AND IMAGE PROCESSING
EC413	Q	POWER ELECTRONICS
EC415	Q	SYSTEM ON CHIP DESIGN
EC419	R	MEMORY DESIGN
EC423	R	INTERNET AND WEB TECHNOLOGIES
EC425	S	MIXED SIGNAL DESIGN
EC427	S	INFORMATION THEORY AND CODING
EE411	P	POWER SYSTEM MODELLING AND SIMULATION
EE413	Q	POWER SYSTEM RELIABILITY
EE415	S	DESIGN OF ELECTRICAL MACHINES
EE417	R	ADVANCED TOPICS IN ELECTRICAL MACHINES
EE419	R	PULSE WIDTH MODULATION FOR POWER CONVERTERS
EE421	P	ADVANCED COMMUNICATIONS
EE423	Q	MICROCONTROLLER & EMBEDDED SYSTEM
EE425	P	IC TECHNOLOGY
EE427	Q	COMPUTER ARCHITECTURE
EE429	S	POWER ELECTRONICS APPLICATION TO PHOTO-VOLTAIC SYSTEMS
EN411	R	OCCUPATIONAL HAZARDS, HEALTH & SAFETY
EN415	R	System Simulation & Modeling
EP411	P	ADVANCED SIMULATION TECHNIQUES IN PHYSICS
EP415	Q	NANO SCIENCE AND TECHNOLOGY
EP417	R	PHOTONICS
EP419	S	INTRODUCTION TO AUTOMATION AND MOTION CONTROL
EP423	R	SPACE AND ATMOSPHERIC SCIENCE-I
IT425	P	NATURAL LANGUAGE PROCESSING
IT425	R	NATURAL LANGUAGE PROCESSING
IT427	Q	INTRUSION DETECTION AND INFORMATION WARFARE

IT427	S	INTRUSION DETECTION AND INFORMATION WARFARE
MC411	P	Data Warehousing & Data Mining
ME409	P	MECHATRONICS & CONTROL
ME411	P	I.C. ENGINES
ME413	P	METROLOGY
ME415	P	PROJECT MANAGEMENT
ME419	Q	ROBOTICS & AUTOMATION
ME421	Q	COMPUTATIONAL FLUID DYNAMICS
ME423	Q	ADVANCED MANUFACTURING PROCESSES
ME427	Q	OPERATIONS RESEARCH
ME429	R	INDUSTRIAL TRIBOLOGY
ME431	R	NON-CONVENTIONAL ENERGY SOURCES
ME433	R	COMPUTER INTEGRATED MANUFACTURING
ME435	R	OPTIMIZATION TECHNIQUES
PE411	S	COMPUTER INTEGRATED DESIGN AND MANUFACTURING
PE413	Q	ROBOTICS AND AUTOMATION
PE417	R	MATERIALS MANAGEMENT
PT415	Q	PAINT TECHNOLOGY
PT419	R	Plastics and Environment
PT427	S	SAFETY & HAZARDS IN CHEMICAL INDUSTRY
SE411	R	SOFTWARE QUALITY AND METRICS
SE417	S	DATA WAREHOUSING AND DATA MINING

LIST OF FOUNDATION ELECTIVE COURSES (B.Tech/B.Des. III Semester, Odd Semester Aug-Dec,20)
Time Slots: S1- Tuesday (8-10am), S2-Thursday (8-10am);S3- Tuesday (4-6pm), S4- Thursday (4-6pm)

S.No.	Course Code	Course Title	Allotted Slots
1.	FEC1	Sports I	S1-S2 S3-S4
2.	FEC2	Sports II	S1-S2 S3-S4
3.	FEC3	Physical Education and Sports	S1-S2 S3-S4
4.	FEC6	Corporate Social Responsibility	S3
5.	FEC7	Introduction to Environmental Sciences	S1 S2 S3 S4
6.	FEC10	Communication Skills	S1 S2 S3 S4
7.	FEC12	Business Communication and Presentation Skills	S1 S2 S3 S4
8.	FEC 11	Soft Skills and Personality Development	S1
9.	FEC13	Public Speaking	S3-S4
10.	FEC14	Appreciation of Short Stories	S4
11.	FEC15	Appreciation of Poetry & Prose	S2
12.	FEC16	Appreciation of Fiction	S2
13.	FEC18	Financial Statements Analysis	S3 S4
14.	FEC19	Basics of Accounting	S1
15.	FEC22	Yoga	S1-S2 S3-S4
16.	FEC24	Music	S3-S4
17.	FEC27	Professional Ethics & Human Values	S1 S2 S3 S4
18.	FEC32	Logical Reasoning	S1 S2 S3 S4
19.	FEC37	French	S1
20.	FEC39	Japanese	S1 S2
21.	FEC40	German	S1 S4
22.	FEC42	Entrepreneurship Development	S4
23.	FEC45	Engineering Exploration	S1-S2
24.	FEC46	Technical Communication	S1

			S2
			S3
			S4
25.	FEC47	Value Driven Leadership	S3
26.	FEC48	Introduction to Biological Science	S3
			S4
27.	FEC49	Sketching & Rendering	S3-S4
28.	FEC50	Tinkering Studio & Elements of Design	S3-S4
29.	FEC 51	Entrepreneurship Exploration	O
30.	FEC 52	Extension & Outreach Activities	O
31.	FEC 53	Communicative Hindi	S4
32.	FEC 54	Negotiation and Leadership	S1
			S2