



DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering)
Shahbad Daultapur, Main Bawana Road, Delhi-110042

EXAMINATION BRANCH

No.- DTU/Examination/2021-22/ 10071

Dated: 14.12.2021

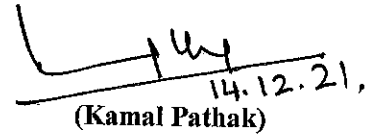
NOTICE

Subject: Registration Schedule for Even Semester of the Academic Year 2021-2022

1. The schedule for the online registration for the Even Semester of the Academic Year 2021-2022 is as follows: -

S.No.	Program	Semester	Start Date & Time	End Date
1	B.Tech.	VIII (Eight)	20.12.2021 4:00 PM	28.12.2021
		VI (Six)	22.12.2021 4:00 PM	

2. Login using Roll number and Password on the registration portal : https://cumsdtu.in/registration_student/login/login.jsp?courseRegistration
3. There will be **no separate registration for Even Semester Examinations of the Academic Year 2021-2022.**
4. No Student will be allowed to register after the prescribed date.
5. **Online registration is mandatory for all the students. Offline Registration is not permissible.**
6. Students will be able to download and save their registration form and they may have to produce the copy of the registration form in their respective department whenever requested by the authorities of the university
7. Students are required to regularly visit the website for more instructions.
8. For any query related to login credentials, students may contact Computer Center at erpsupport@dtu.ac.in.
9. For any query related to online registration, Students may contact Examination Branch at exam-support@dtu.ac.in.


14.12.21,
(Kamal Pathak)

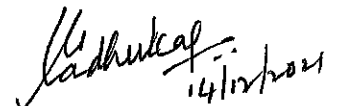
Controller of Examination

No.- DTU/Examination/2021-22/ 10071

Dated: 14.12.2021

Copy to:-

1. PA to VC for kind information to the Hon'ble Vice Chancellor, DTU.
2. Registrar, DTU.
3. Dean(UG).
3. **All HODs with the request to circulate among the student concerned.**
4. Head (CC) with a request to upload the information on University Website.
5. Students – Notice Boards
6. Guard File.


14/12/2021

(Madhukar Ch.)

EDP Manager & OIC(Result)



DELHI TECHNOLOGICAL UNIVERSITY

(Formerly Delhi College of Engineering)

Shahbad Daulatpur, Main Bawana Road, Delhi-110042

EXAMINATION BRANCH GUIDELINES FOR SELECTION OF COURSES FOR B.TECH. VI and VIII SEMESTERS

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

S.No.	Code	Title	Area	Cr	L	T	P
1.	xx302	Departmental Core Course(DCC)	DCC	4	3	0/1	2/0
2.	xx304	Departmental Core Course(DCC)	DCC	4	3	0/1	2/0
3.	xx306	Departmental Core Course(DCC)	DCC	4	3	0/1	2/0
4.	-----	Generic Elective Course -3 (GEC3)	GEC	4	3	0/1	2/0
5.	-----	Generic Elective Course- 4 (GEC4)	GEC	4	3	0	0
6.	HUxxx	Technical Communication/ Professional Ethics & Human Values	HMC	2	2	0	0
Total				22			

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

S.No.	Code	Title	Area	Cr	L	T	P
1.	xx402	B.Tech. Project-II	DCC	8			
2.	xx404	Departmental Core Course(DCC)	DCC	4	3	0/1	2
3.	-----	Generic Elective Course -7 (GEC7)	GEC	4	3	0/1	2/0
4.	-----	Generic Elective Course- 8 (GEC8)	GEC	4	3	0/1	2/0
Total				20			

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 GEC3/GEC4(6th sem) | GEC7/GEC8(8th Sem) 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 opt a GEC from slot E1 then he cannot opt another GEC from slot E1. Also, he/she cannot opt for GEC which is offered in two slots i.e. E1 & E2 or E1 & E3 or E1 & E4, similarly in case of slots E5/E6/E7/E8.
- (iii) If a GEC is offered in two slots E1 & E2 and the student opts such elective in slot E1, then he/she cannot opt for GEC from slots E1 & E2.
5. The list of Electives offered by various departments for B.Tech. VI/VIII semester is enclosed as Annexure 1.
6. Students can opt for offline/online MOOC course of 4 credits in a semester and maximum of 8 credits in total (of all semesters), for GEC category with prior approval of BOS of the respective department and as per guidelines issued for MOOC courses from time to time.
7. **Student cannot opt for the same or related course which was taken previously.**



DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering)
Shahbad Daultapur, Main Bawana Road, Delhi-110042

EXAMINATION BRANCH

Annexure 1

LIST OF ELECTIVES

1. Only Courses(XX4--) of final year will be available to B.Tech. VIII semester students.
2. Courses in slots E7 and E8 are exclusive for B.Tech. VIII and will not appear to B.Tech. VI semester students.
3. Courses pertaining to Minor (both Core and Elective) are mentioned as electives in slot E1 to E6.

Slot E1:

S.No.	Course Code	Course Name
1	BT426	ENVIRONMENTAL BIOTECHNOLOGY
2	CE202	MECHANICS OF SOLIDS
3	CO318	ADVANCED DATABASE MANAGEMENT SYSTEMS
4	CO324	PATTERN RECOGNITION
5	CO406	PARALLEL COMPUTER ARCHITECTURE
6	CO414	BIG DATA ANALYTICS
7	EC310	TESTING AND DIAGNOSIS OF DIGITAL SYSTEM DESIGN
8	EC328	SPEECH RECOGNITION
9	EC410	ADVANCE CODING THEORY
10	EC446	RF AND MICROWAVE ACTIVE CIRCUITS
11	EE308	POWER SYSTEM OPERATION AND CONTROL
12	EE314	POWER ELECTRONIC APPLICATIONS TO POWER SYSTEMS
13	EE408	RESTRUCTURED POWER SYSTEM
14	EE418	SELECTED TOPICS IN POWER ELECTRONICS
15	EE448	BIG DATA ANALYTICS
16	EN306	HYDROLOGY & GROUND WATER ENGINEERING
17	EP308	LASER AND INSTRUMENTATION
18	HU306	MONEY , BANKING AND FINANCE
19	HU314	RHETORIC AND PUBLIC SPEAKING
20	IT204	OPERATING SYSTEM
21	IT312	CYBER FORENSICS
22	IT316	HIGH SPEED NETWORKS
23	IT420	COMPUTER VISION
24	MC418	OPTIMIZATION TECHNIQUES
25	ME208	MANUFACTURING TECHNOLOGY-I
26	ME314	MECHANICAL VIBRATIONS
27	ME316	POWER PLANT ENGINEERING
28	ME318	COMPUTER AIDED MANUFACTURING
29	PE308	GREEN ENERGY TECHNOLOGY
30	SE326	MACHINE LEARNING

Slot E2:

S.No.	Course Code	Course Name
1	AE320	TRIBOLOGY AND LUBRICATION
2	AE322	RELIABILITY & MAINTENANCE ENGINEERING
3	AE420	VEHICLE SAFETY ENGINEERING
4	BT318	STEM CELLS AND REGENERATIVE MEDICINE
5	CE206	SOIL MECHANICS



DELHI TECHNOLOGICAL UNIVERSITY

(Formerly Delhi College of Engineering)

Shahbad Daultapur, Main Bawana Road, Delhi-110042

EXAMINATION BRANCH

6	CO326	OBJECT ORIENTED SOFTWARE ENGINEERING
7	CO408	INTELLECTUAL PROPERTY RIGHTS
8	EC312	SOFTWARE DEFINED RADIO AND COGNITIVE RADIO
9	EC330	DIGITAL IMAGE PROCESSING
10	EC412	MACHINE LEARNING
11	EC448	OPTICAL ELECTRONICS FOR COMMUNICATION SYSTEMS
12	EE310	COMMUNICATION SYSTEMS
13	EE318	SWITCHED MODE POWER SUPPLIES
14	EE326	PROCESS INSTRUMENTATION & CONTROL
15	EE416	GRID INTEGRATION OF RENEWABLE ENERGY SOURCES
16	EE420	POWER QUALITY
17	EE446	DATA COMMUNICATION AND COMPUTER NETWORKS
18	EN204	WATER ENGINEERING : DESIGN & APPLICATION
19	EN416	NON-CONVENTIONAL ENERGY SYSTEMS
20	EP314	INSTRUMENTATION AND CONTROL
21	EP414	SPACE AND ATMOSPHERIC SCIENCE-II
22	HU312	MICROECONOMICS
23	HU316	THEATRE AND STAGECRAFT
24	IT208	ALGORITHM DESIGN AND ANALYSIS
25	IT324a	DEEP LEARNING
26	IT428	MOBILE AND DIGITAL FORENSICS
27	MC312	ARTIFICIAL INTELLIGENCE
28	ME324	SYSTEM MODELING, SIMULATION AND ANALYSIS
29	PE312	AUTOMOBILE ENGINEERING
30	PE418	ADVANCE MANUFACTURING PROCESSES
31	SE316	NATURAL LANGUAGE PROCESSING
32	SE326	MACHINE LEARNING

Slot E3:

S.No.	Course Code	Course Name
1	AE314	METROLOGY
2	BT206	MICROBIOLOGY
3	BT406	AGRICULTURE MICROBIOLOGY
4	CE308	DISASTER MANAGEMENT
5	CE310	GEO-TECHNICAL PROCESSES
6	CH312	POLYMER PROCESSING TECHNIQUES
7	CO318	ADVANCED DATABASE MANAGEMENT SYSTEMS
8	CO324	PATTERN RECOGNITION
9	CO406	PARALLEL COMPUTER ARCHITECTURE
10	EC316	WIRELESS SENSOR NETWORKS
11	EC342	MACHINE LEARNING
12	EC416	PATTERN RECOGNITION
13	EC456	WAVELETS IN SIGNAL PROCESSING
14	EE324	DESIGN, ESTIMATION & COSTING OF INDUSTRIAL ELECTRICAL SYSTEM
15	EE330	INTRODUCTION TO ARM ARCHITECTURE
16	EE422	HVDC TRANSMISSION

[Handwritten Signature]



DELHI TECHNOLOGICAL UNIVERSITY

(Formerly Delhi College of Engineering)

Shahbad Daultpur, Main Bawana Road, Delhi-110042

EXAMINATION BRANCH

17	EE440	SCADA & ENERGY MANAGEMENT SYSTEMS
18	EE442	ROBOTICS AND MACHINE VISION
19	EN308	HAZARDOUS & BIOMEDICAL WASTE MANAGEMENT
20	EN310	SURFACE AND GROUND WATER POLLUTION
21	EN312	ADVANCE SURVEYING
22	EP316	COSMOLOGY AND ASTROPHYSICS
23	HU308	MATHEMATICAL ECONOMICS
24	HU318	PROFESSIONAL WRITING SKILLS
25	IT208	ALGORITHM DESIGN AND ANALYSIS
26	IT304	SOFTWARE ENGINEERING
27	IT328	ETHICAL HACKING
28	IT404	BIG DATA ANALYTICS
29	IT416	NOMADIC COMPUTING
30	ME-332	FINITE ELEMENT METHOD
31	ME308	GAS DYNAMICS AND JET PROPULSION
32	PE208	METAL CUTTING & TOOL DESIGN
33	PE414	FLEXIBLE MANUFACTURING SYSTEM
34	SE206	DATABASE MANAGEMENT SYSTEMS

Slot E4:

S.No.	Course Code	Course Name
1	AE312	QUALITY MANAGEMENT & SIX SIGMA APPLICATIONS
2	AE408	REFRIGERATION & AUTOMOBILE AIR CONDITIONING
3	BT202	MOLECULAR BIOLOGY
4	BT322	PROTEIN ENGINEERING
5	CE314	TUNNEL, PORTS AND HARBOR ENGINEERING
6	CE316	MATRIX METHODS OF STRUCTURAL ANALYSIS
7	CE322	TRAFFIC AND TRANSPORTATION PLANNING
8	CH308	FOOD TECHNOLOGY
9	CO326	OBJECT ORIENTED SOFTWARE ENGINEERING
10	EC320	SOFT COMPUTING
11	EC418	ESTIMATION AND DETECTION THEORY
12	EC458	DEEP LEARNING
13	EE312	POWER SYSTEM OPTIMIZATION
14	EE316	ELECTRICAL ENERGY STORAGE SYSTEM
15	EE320	VLSI DESIGN
16	EE328	DEEP LEARNING WITH ARTIFICIAL NEURAL NETWORK
17	EE424	FLEXIBLE AC TRANSMISSION SYSTEMS
18	EN206	ENGINEERING GEOLOGY, GIS & REMOTE SENSING
19	EN314	GREEN TECHNOLOGY
20	EN316	ENVIRONMENTAL LAW AND POLICY
21	EP318	SCIENCE AND TECHNOLOGY OF THIN FILMS
22	HU410	LANGUAGE AND SOCIAL MEDIA
23	IT316	HIGH SPEED NETWORKS
24	IT324a	DEEP LEARNING
25	IT404	BIG DATA ANALYTICS
26	IT420	COMPUTER VISION

Handwritten signature



DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering)
Shahbad Daultapur, Main Bawana Road, Delhi-110042

EXAMINATION BRANCH

27	MC432	FUZZY SET AND FUZZY LOGIC
28	ME310	AUTOMATION IN MANUFACTURING
29	ME312	QUALITY MANAGEMENT & SIX SIGMA APPLICATIONS
30	SE308	SOFTWARE RELIABILITY

Slot E5:

S.No.	Course Code	Course Name
1	CE416	GEO-ENVIRONMENTAL AND GEO-HAZARD ENGINEERING
2	CE420	TRAFFIC ENGINEERING
3	CO318	ADVANCED DATABASE MANAGEMENT SYSTEMS
4	CO324	PATTERN RECOGNITION
5	CO414	BIG DATA ANALYTICS
6	EC324	NANO ELECTRONICS
7	EC436	ADVANCE MICROWAVE & ANTENNA DESIGN
8	EC462	RECENT TRENDS IN ARTIFICIAL INTELLIGENCE
9	EE322	IC TECHNOLOGY
10	EE332	WIRELESS SENSOR NETWORK
11	EE426	SMART GRID
12	EE434	COMPUTER CONTROL OF PROCESSES
13	EE450	CLOUD COMPUTING FUNDAMENTALS
14	EP322	MECHANICAL AND ELECTRICAL BEHAVIOUR OF THIN FILMS
15	HU310	INTERNATIONAL ECONOMICS
16	HU412	ADAPTATION AND TRANSLATION
17	IT306	ARTIFICIAL INTELLIGENCE AND EXPERT SYSTEMS
18	IT312	CYBER FORENSICS
19	MC310	SOFTWARE ENGINEERING
20	SE408	INFORMATION & NETWORK SECURITY

Slot E6:

S.No.	Course Code	Course Name
1	AE304	INTERNAL COMBUSTION ENGINES
2	AE306	ALTERNATIVE FUELS & ENERGY SYSTEMS
3	BT306	GENOMICS AND PROTEOMICS
4	BT404	ADVANCES IN COMPUTATIONAL BIOLOGY
5	CH304	MASS TRANSFER-II
6	CO408	INTELLECTUAL PROPERTY RIGHTS
7	EN412	ENVIRONMENT AND SUSTAINABLE DEVELOPMENT
8	EP302	FIBRE OPTICS AND OPTICAL COMMUNICATION
9	EP304	FABRICATION AND CHARACTERIZATION OF NANOSTRUCTURES
10	ME302	HEAT AND MASS TRANSFER
11	ME404	INDUSTRIAL ENGINEERING
12	PE302	WELDING TECHNOLOGY

Slot E7:

(Handwritten signature)



DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering)
Shahbad Daulatpur, Main Bawana Road, Delhi-110042

Slot 67:

EXAMINATION BRANCH

S.No.	Course Code	Course Name
1	AE416	RENEWABLE SOURCES OF ENERGY
2	CE418	GROUND WATER AND SEEPAGE
3	CO414	BIG DATA ANALYTICS
4	EC422	ROBOTICS AND MACHINE VISION
5	EE404	POWER SYSTEM DYNAMICS & STABILITY
6	EE410	POWER SYSTEM PLANNING
7	EE414	DISTRIBUTED GENERATION
8	EE428	DIGITAL IMAGE PROCESSING
9	EE432	AI AND EXPERT SYSTEMS
10	EN406	ADVANCED OPEN CHANNEL HYDRAULICS
11	EP406	INTRODUCTION TO SPINTRONICS
12	IT416	NOMADIC COMPUTING
13	MC406	PARTIAL DIFFERENTIAL EQUATIONS
14	ME406	ELASTIC & PLASTIC BEHAVIOUR OF MATERIALS
15	ME414	FRACTURE MECHANICS
16	PT414	FOOD TECHNOLOGY
17	SE406	ADVANCES IN SOFTWARE ENGINEERING

Slot E8:

S.No.	Course Code	Course Name
1	CE406	ADVANCE DESIGN OF STEEL STRUCTURES
2	CE410	ADVANCED FLUID MECHANICS
3	EE412	HIGH VOLTAGE ENGINEERING
4	EE430	FILTER DESIGN
5	EE436	NON LINEAR AND ADAPTIVE CONTROL
6	EE444	UTILIZATION OF ELECTRICAL ENERGY & TRACTION
7	EP410	ROBOTIC ENGINEERING
8	IT404	BIG DATA ANALYTICS
9	MC420	INFORMATION THEORY AND CODING
10	ME408	COMBUSTION GENERATED POLLUTION
11	ME418	SUPPLY CHAIN MANAGEMENT
12	ME420	MATERIALS MANAGEMENT
13	PE412	SUPPLY CHAIN MANAGEMENT & VALUE ENGINEERING
14	PT410	MEMBRANE TECHNOLOGY
15	SE414	CLOUD COMPUTING

[Handwritten signature]