DELHI TECHNOLOGICAL UNIVERSITY

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

EXAMINATION BRANCH

No.- DTU/Examination/2022-23/649 Dated: 13.07.2022

NOTICE

Subject: Registration Schedule for Odd Semester of the Academic Year 2022-2023

1. The schedule for the online registration for the Odd Semester of the Academic Year 2022-2023 is as follows: -

S.No.	Program		Semester	Start Date & Time	End Date
1	B.Tech.		VII	18.07.2022 , 4 PM	24.07.2022 11:59 PM
			V	20.07.2022 , 4PM	
2	B.Tech.(Continuing Education)		VII	15.07.2022 , 4PM	
			V		
			III		
3	BBA		V		
			III		
4	BA(Hon.) Economics		V		
			III		
5	B.Des.		VII		
			V		
			III		
6	M.Tech.(FT/PT)		III		
			V		
7	M.Des.		III		
8	M.Sc.		III		
9	MBA	DSM	III		
		USME			
		FBE			
		Business Analytics			
		Executive			

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 Odd Semester Examinations of the Academic Year 2022-2023**.
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.

13/7

DELHI TECHNOLOGICAL UNIVERSITY

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

EXAMINATION BRANCH

No.- DTU/Examination/2021-22/649 Dated: 13.07.2022

7. B.Tech. Students should go through the Circular on "Centralized Time Table Slots for B.Tech.(Odd Semester, AY 2022-23) for 2nd /3rd /4th Year" vide F.No. 105(504)/DTU/Acad-UG/2017-18/1492-98 dated 06.06.2022(Copy Enclosed) prior to opting courses.
8. List of Electives offered by various departments for B.Tech.V and VII Semester are attached at Annexure1.
9. Student shall pursue minimum required courses/credits as per their Ordinance, students who have not pursued any core/elective course of previous semester shall inform Examination Branch for completion of minimum defined credits.
10. **Student cannot opt for the same or related course which he/she has perused in any previous semester.**
11. Students are required to regularly visit the website for more instructions.
12. For any query related to login credentials, students may contact Computer Center at erpsupport@dtu.ac.in.
13. For any query related to online registration, Students may contact Examination Branch at exam-support@dtu.ac.in.

13.7.22

(Kamal Pathak)
Controller of Examination

No.- DTU/Examination/2022-23/649 Dated: 13.07.2022

Copy to:-

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

13/07/2022

(Madhukar Ch.)
EDP Manager & OIC(Result)

Annexure 1

List of Elective Courses for B.Tech. V and VII Semester

Slot	Course Code	Course Name
E1	AE317	POWER UNITS AND TRANSMISSION
E1	AE411	VEHICLE MAINTENANCE & TRIBOLOGY
E1	CE201	CIVIL ENGINEERING BASICS AND APPLICATIONS
E1	CE205	FLUID MECHANICS
E1	CE301	ANALYSIS OF DETERMINATE STRUCTURES
E1	CH405	Fiber Technology
E1	CO201	DATA STRUCTURES
E1	CO305	INFORMATION THEORY AND CODING
E1	CO313	COMPUTER GRAPHICS
E1	CO325	Probability Statistics
E1	CO327	MACHINE LEARNING
E1	CO415	WIRELESS AND MOBILE COMPUTING
E1	CO423	SWARM & EVOLUTIONARY COMPUTING
E1	CO425	Web Technology
E1	CO427	WEB TECHNOLOGY
E1	CO433	Distributed Systems
E1	EC307	ANTENNA DESIGN
E1	EC319	CMOS ANALOG INTEGRATED CIRCUIT
E1	EC407	Optical Communication
E1	EC409	Computer Vision
E1	EE317	RENEWABLE ENERGY SYSTEMS
E1	EE319	DIGITAL SYSTEM DESIGN
E1	EE353a	Electrical Machines and Power System
E1	EN205	ENVIRONMENTAL CHEMISTRY & MICROBIOLOGY
E1	EP309	QUANTUM INFORMATION AND COMPUTING
E1	HU305	Macroeconomics
E1	HU313	Creative Writing Skills
E1	HU353a	International Trade
E1	HU409	Soft Skills Development
E1	IT323	MACHINE LEARNING
E1	IT425	NATURAL LANGUAGE PROCESSING
E1	IT431	INFORMATION SECURITY AND AUDIT
E1	MC307	OBJECT ORIENTED PROGRAMMING
E1	ME201	MECHANICS OF SOLIDS
E1	ME351a	POWER PLANT ENGINEERING
E1	ME419	ROBOTICS & AUTOMATION
E1	PE301	CASTING TECHNOLOGY
E1	PE405	METAL FORMING & PRESS WORKING
E1	SE313	Advanced Data Structures
E10	AE409	COMPUTER AIDED VEHICLE DESIGN AND SAFETY
E10	BT407	BIOPROCESS TECH & DOWNSTREAM PROCESS
E10	CE413	WATER RESOURCES MANAGEMENT
E10	CE427	Wind Loads on Structures
E10	ME407	REFRIGERATION & AIR CONDITIONING
E10	ME415	PROJECT MANAGEMENT
E10	SE425	Intellectual Property Rights
E2	AE309	OPERATIONS RESEARCH

List of Elective Courses for B.Tech. V and VII Semester

Slot	Course Code	Course Name
E2	AE413	VEHICLE TRANSPORT MANAGEMENT
E2	BT301	IMMUNOLOGY AND IMMUNO-TECHNOLOGY
E2	BT421	Pharmacogenomics and Personalized Medicine
E2	CE207	ENGINEERING ANALYSIS AND DESIGN
E2	CE303	DESIGN OF RCC STRUCTURES
E2	CH201	Chemical Engineering Process Calculations
E2	CH407	Polymer Blends and Composites
E2	CO325	Probability Statistics
E2	CO423	SWARM & EVOLUTIONARY COMPUTING
E2	CO425	Web Technology
E2	CO427	WEB TECHNOLOGY
E2	CO431	Reinforcement Learning
E2	EC 425	Mixed Signal Design
E2	EC 429	Emerging Semiconductor Devices
E2	EC309	Bio Medical Electronics & Instrumentation
E2	EC323	CONTROL SYSTEMS
E2	EE307	POWER STATION PRACTICES
E2	EE313a	Engineering Analysis and Design
E2	EE357a	UTILIZATION OF ELECTRICAL ENERGY
E2	EN305	SOIL POLLUTION AND REMEDIATION
E2	EN421	Design of Water Distribution Network
E2	EP305	ATOMIC AND MOLECULAR PHYSICS
E2	EP415	NANO SCIENCE AND TECHNOLOGY
E2	HU309	Indian Economy
E2	IT201	DATA STRUCTURES
E2	IT307	PATTERN RECOGNITION
E2	IT407	INFORMATION AND NETWORK SECURITY
E2	IT411	DIGITAL IMAGE PROCESSING
E2	MC407	CRYPTOGRAPHY & NETWORK SECURITY
E2	ME301	FLUID SYSTEMS
E2	ME411	I.C. ENGINES
E2	ME435	OPTIMIZATION TECHNIQUES
E2	SE307	COMPUTER GRAPHICS
E2	SE429	Data Warehouse & Data Mining
E3	BT325	CELL BIOLOGY
E3	CE309	ENVIRONMENTAL ENGINEERING DESIGN
E3	CE321	DISASTER PREPAREDNESS AND MITIGATION
E3	CH203	Transport Phenomena
E3	CH323	Biomaterials
E3	CO203	OBJECT ORIENTED PROGRAMMING
E3	CO301	SOFTWARE ENGINEERING
E3	CO303	THEORY OF COMPUTATION
E3	CO313	COMPUTER GRAPHICS
E3	CO327	MACHINE LEARNING
E3	CO415	WIRELESS AND MOBILE COMPUTING
E3	CO425	Web Technology
E3	EC 325	Probability and Random Process
E3	EC 431	MEMS and Sensor Design

List of Elective Courses for B.Tech. V and VII Semester

Slot	Course Code	Course Name
E3	EC 445	Nanophotonics Devices for Communications
E3	EC311	ALGORITHM ANALYSIS AND DESIGN
E3	EE321	SOFT COMPUTING
E3	EE407	INSTRUMENTATION AND MEASUREMENT
E3	EE429	POWER ELECTRONICS APPLICATION TO PHOTO-VOLTAIC SYSTEMS
E3	EN311	CLIMATE CHANGE & CDM
E3	EP405	VLSI AND FPGA DESIGN
E3	HU315	Non-Verbal Communication
E3	HU351a	Mathematical Economics and Econometrics
E3	IT201	DATA STRUCTURES
E3	IT321	MALWARE ANALYSIS
E3	IT325	SECURE CODING
E3	IT411	DIGITAL IMAGE PROCESSING
E3	MC315	MODERN ALGEBRA
E3	MC409	MATHEMATICAL MODELING & SIMULATION
E3	ME361	INDUSTRIAL ENGINEERING
E3	ME411	I.C. ENGINES
E3	PE307	FINITE ELEMENT METHOD
E3	PE413	ROBOTICS AND AUTOMATION
E3	SE 305	Software Requirement Engineering
E4	BT317	Enzymology and Enzyme Technology
E4	BT405	FUNDAMENTAL OF COMPUTATIONAL BIOLOGY
E4	CE305	MECHANICS OF MATERIALS
E4	CE307	ADVANCED GEO-TECHNICAL ENGINEERING
E4	CE325	HUMAN VALUES & ETHICS IN DISASTER MANAGEMENT
E4	CH315	Plastic Technology
E4	CH429	Energy Resources
E4	CO205	DISCRETE STRUCTURES
E4	CO325	Probability Statistics
E4	CO411	Computer Vision
E4	CO423	SWARM & EVOLUTIONARY COMPUTING
E4	CO427	WEB TECHNOLOGY
E4	EC313	Microprocessors and Interfacing
E4	EC327	Time-Frequency Analysis
E4	EC449	Adaptive Signal Processing
E4	EC455	Data Analytics
E4	EE305	SIGNALS AND SYSTEMS
E4	EE323	FUNDAMENTALS OF MACHINE LEARNING
E4	EE405	DIGITAL SIGNAL PROCESSING
E4	EN409	INDUSTRIAL WASTE MANAGEMENT
E4	EP419	INTRODUCTION TO AUTOMATION AND MOTION CONTROL
E4	HU307	Basic Econometrics
E4	HU413	Advanced Spoken Skills
E4	IT303	COMPUTER NETWORKS
E4	IT323	MACHINE LEARNING
E4	IT425	NATURAL LANGUAGE PROCESSING
E4	IT429	CYBER LAWS
E4	MC317	Numerical Methods for Ordinary Diffrential Equations

List of Elective Courses for B.Tech. V and VII Semester

Slot	Course Code	Course Name
E4	MC405	GRAPH THEORY
E4	ME305	DESIGN OF MACHINE ELEMENTS
E4	ME307	MANUFACTURING TECHNOLOGY -II
E4	ME361	INDUSTRIAL ENGINEERING
E4	ME413	METROLOGY
E4	ME415	PROJECT MANAGEMENT
E4	ME423	ADVANCED MANUFACTURING PROCESSES
E4	PE315	MECHATRONICS
E4	PE411	COMPUTER INTEGRATED DESIGN AND MANUFACTURING
E4	PE419	PROJECT MANAGEMENT
E4	SE325	WEB TECHNOLOGY
E4	SE427	Software Project Engineering
E5	AE307	COMBUSTION GENERATED POLLUTION
E5	AE407	PRODUCTION AND OPERATIONS MANAGEMENT
E5	BT323	POPULATION GENETICS
E5	CE315	ROCK ENGINEERING
E5	CE317	SOLID WASTE MANAGEMENT & AIR POLLUTION CONTROL
E5	CE319	APPLICATION OF GEO-INFORMATICS REMOTE SENSING AND GIS IN ENGINEERING
E5	CH307	Petroleum Refining Engineering
E5	CO313	COMPUTER GRAPHICS
E5	CO327	MACHINE LEARNING
E5	CO429	Neural Networks
E5	CO433	Distributed Systems
E5	EC 315	Computer Communication Networks
E5	EC 413	Power Electronics
E5	EC 457	Natural Language Processing
E5	EC 461	Multi-rate Signal Processing
E5	EE315	DIGITAL CONTROL AND STATE VARIABLE ANALYSIS
E5	EE327	Introduction to Python Programming
E5	EE419	PULSE WIDTH MODULATION FOR POWER CONVERTERS
E5	EN309	Water Resource System
E5	EN407	VIBRATION ANALYSIS & CONTROL OF NOISE POLLUTION
E5	EP351a	PHYSICS OF ENGINEERING MATERIALS
E5	HU403	Economic Growth
E5	IT321	MALWARE ANALYSIS
E5	IT433	MULTIMODAL DATA PROCESSING
E5	MC305	OPERATION RESEARCH
E5	MC411	Data Warehousing & Data Mining
E5	ME353a	RENEWABLE SOURCES OF ENERGY
E5	ME409	MECHATRONICS & CONTROL
E5	ME427	OPERATIONS RESEARCH
E5	PE361a	TOTAL QUALITY MANAGEMENT
E5	SE327	METHOD IN DATA ANALYTICS
E6	CH201	Chemical Engineering Process Calculations
E6	CH203	Transport Phenomena
E6	CH301	Polymeric Materials
E6	CH303	Mass Transfer -1
E6	EN301	WATER SUPPLY AND ENVIRONMENTAL SANITATION

List of Elective Courses for B.Tech. V and VII Semester

Slot	Course Code	Course Name
E6	ME427	OPERATIONS RESEARCH
E6	PE353a	SUPPLY CHAIN MANAGEMENT
E7	CE405	DESIGN OF STEEL STRUCTURES
E7	CE419	SOIL DYNAMICS
E7	CH417	Polymer Waste Management
E7	CO415	WIRELESS AND MOBILE COMPUTING
E7	CO433	Distributed Systems
E7	EE409	SWITCHGEAR AND PROTECTION
E7	EN415	System Simulation & Modeling
E7	EP427	Thermodynamics of Materials
E7	IT427	INTRUSION DETECTION AND INFORMATION WARFARE
E7	ME427	OPERATIONS RESEARCH
E7	ME433	COMPUTER INTEGRATED MANUFACTURING
E7	PE417	MATERIALS MANAGEMENT
E8	AE405	DESIGN OF AUTOMOBILE COMPONENTS
E8	CE407	WATER RESOURCES ENGINEERING
E8	CE415	TRANSPORTATION SAFETY AND ENVIRONMENT
E8	CO427	WEB TECHNOLOGY
E8	EE417	ADVANCED TOPICS IN ELECTRICAL MACHINES
E8	EN411	OCCUPATIONAL HAZARDS, HEALTH & SAFETY
E8	EP423	SPACE AND ATMOSPHERIC SCIENCE-I
E8	MC413	COMPILER DESIGN
E8	ME427	OPERATIONS RESEARCH
E8	SE409	SOFTWARE MAINTENANCE
E9	BT413	NANOBIOTECHNOLOGY
E9	CE411	INTERACTION BEHAVIOR OF SOIL STRUCTURES
E9	CE423	ADVANCED TRANSPORTATION ENGINEERING
E9	CE429	Disaster Induced Risk
E9	EE413	POWER SYSTEM RELIABILITY
E9	EE415	DESIGN OF ELECTRICAL MACHINES
E9	ME407	REFRIGERATION & AIR CONDITIONING
E9	ME413	METROLOGY

DELHI TECHNOLOGICAL UNIVERSITY

(Estd. by Govt. of Delhi vide Act No. 6 of 2009)
(Formerly Delhi College of Engineering)
Shahbad Daulatpur, Main Bawana Road, Delhi-110042
Tel : +91-11-27296337, Fax : +91-11-2787 1023
ACADEMIC (UG) SECTION

F. No. 105 (504)/DTU/Acad-UG/2017-18/14292-98 Dated 06/06/22

CIRCULAR

Subject: Centralized Time Table Slots for B.TECH (ODD Semester, AY 2022-23) for 2nd /3rd/ 4th final year.

Classes for the Odd Semester of AY 2022-23 will commence in August 2022. As per the University directives, the following guidelines, proposed by University Time-table Committee (UTTC), are to be adhered to while preparing the Time Table (TT) for the Odd Semester of AY 2022-23.

Guidelines for 2nd year (ODD Semester) time-table

1. Core courses of the 2nd year which are included in the Minors tracks offered by the department must be assigned in slots E1 to E4 as given in Table 1. All departments having multiple sections for a discipline must ensure that the TT of at least one section should be prepared as per given slots. This will facilitate students of 3rd/4th year, who are pursuing any Minor specialization, to register for minor core subjects of 2nd year against their electives.
2. Time-table of the core course should be prepared so as to accommodate the reregistered students of the 3rd year.
3. A template time-table adhering to the above guidelines has been placed in Table 4 for the ready reference.

Guidelines for 3rd year (ODD Semester) time table

1. The Slots for core and elective courses for 3rd year are shown in Table 2.
2. Slots for core courses (excluding core courses of 3rd year which are included in any of the Minor specializations) have been marked as **Core**.
3. All elective courses in 3rd year (**including** electives in the Minor basket) are to be offered in E1 to E5. This can be used for a combined/separate section for 3rd and 4th year students.
4. Slot **E6** is now earmarked as an **Universal** slot. This slot shall be kept empty by default, and may be used elective/core interchangeably OR for conflict resolution by departments. This slot can be used for a combined/separate section for 3rd and 4th year students.
5. **The core courses of 3rd year** that are also included **in the basket of elective courses of Minor specialization** must be offered in the slots E1 to E5 only(or E6 as may be required). This will facilitate those **3rd/4th year** students who have registered for these courses under Minor specialization.

Guidelines for 4th year (ODD SEMESTER) time table

1. The Slots for core and elective courses for 4th year are shown in Table 3.
2. As all courses **of 4th** year are elective courses, hence are to be offered in **slots E1 to E10 except E6.** However, the electives which are also included in Minor specializations must be offered in the slots E1 to E5 only. This will facilitate registration of those 3rd year students who are pursuing any Minor specialization.
3. Electives of final year (only) may preferably be conducted in E7-E10 slots in order to ensure uniform occupancy of the classrooms.
4. Slot **E6** is now earmarked as an **Universal slot**. This slot shall be kept empty by default, and may be used for elective/core/ core (as minor core) interchangeably OR for conflict resolution by departments. This slot can be used for a combined/separate section for 3rd and 4th year students.

(Prof. Madhusudan Singh)
Dean Academic (UG),

F. No. 105 (504)/DTU/Acad-UG/2017-18/ 14192-98 Dated 6/6/22

Copy to:

1. PS to the VC for information to the Hon'ble Vice Chancellor, DTU
2. Registrar, DTU
3. Ass. Dean Academic (UG)
4. HoDs:- With a request to display on departmental notice boards
5. Controller of Examination
6. COO & Head (CC): - With the request to upload the same on University Website as well Academic (UG) Portal
7. Guard file.

(Prof. Priya Mahajan)
Chairperson, UTTC

List of Enclosures:
Table 1-4

DELHI TECHNOLOGICAL UNIVERSITY

CENTRAL TIME TABLE SLOTS (AY 2022-23)

FOR FECs and B.TECH 2ND YEAR COURSES INCLUDED IN MINOR TRACK ONLY

Table 1

	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6
MON			E1	E1			E3	E3		
TUE	FEC		E2	E2			E4	E4	FEC	
WED			E1	E2			E3	E4		
THU	FEC		B1	E1			E3	E3	FEC	
FRI			E2	E2			E4	E4		

(Prof.Priya Mahajan)
Chairperson, University Time-table Committee

DELHI TECHNOLOGICAL UNIVERSITY
CENTRAL TIME TABLE SLOTS FOR (B. Tech. 3rd Year) (AY 2022-23)

Table 2

	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6
MON	E5	E5	E1	E1	Core	Core	E3	E3	Core	Core
TUE	Core	Core	E2	E2	Core	Core	E4	E4	E6	E6
WED	E5	Core	E1	E2	Core	Core	E3	E4	Core	E5
THU	E5	E5	E1	E1	Core	Core	E3	E3	Core	Core
FRI	Core	Core	E2	E2	Core	Core	E4	E4	E6	E6

(Prof.Priya Mahajan)
Chairperson, University Time-table Committee

DELHI TECHNOLOGICAL UNIVERSITY
CENTRAL TIME TABLE SLOTS FOR (B.Tech 4th Year) (AY 2022-23)

Table 3

	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6
MON	E5	E5	E1	E1	E9	E9	E3	E3	E7	E7
TUE	E8	E8	E2	E2	E10	E10	E4	E4	E6	E6
WED	E5	E8	E1	E2	E9	E10	E3	E4	E7	E6
THU	E5	E5	E1	E1	E9	E9	E3	E3	E7	E7
FRI	E8	E8	E2	E2	E10	E10	E4	E4	E6	E6

(Prof. Priya Mahajan)
Chairperson, University Time-table Committee

Table 4

Template for 2nd Year Time-Table

Department of Electronics and Communication Engineering Delhi Technological University Time Table (Odd Sem 2022-23)										
	Sem-III[RD], F Section							wef: August 2022		
	8:00 - 9:00	9:00-10:00	10:00-11:00	11:00-12:00	12:00-01:00	01:00-02:00	02:00-03:00	03:00-04:00	04:00-05:00	05:00 - 06:00
Monday		S5_L	S1_L		S4_L		S3_L	S2_L		
Tuesday	FEC		S2-G1/S3-G2/S4-G3		SP_T_G1		S3-G1/S4-G2/S1-G3		FEC	
Wednesday		S5_L	S1_L		S4_L		S3_L	S2_L		
Thursday	FEC		S1_L		SP_T_G2		S3_L	S2_L	FEC	
Friday		S4_L	S4-G1/S1-G2/S2-G3		S5_L		S1-G1/S2-G2/S3-G3			

- **S1(E1):** EC201- Analog Electronics I
- **S2(E2):** EC203- Digital Design I
- **S3(E3):** EC205 – Signals and Systems
- S4: EC251- Electronic Instrumentation and Measurements
- S5: EC207- Engineering Analysis and Design
- S1, S2 and S3 are the core departmental subjects which is offered as an elective subject of the minor basket offered to the 3rd Year, 4th Year and/or outside department students.
- **L** stands for Lecture.
- **T** stands for tutorial.
- **G1, G2 and G3** stands for Group 1, Group 2 and Group 3 of the departmental students for the **Lab.**