

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

### **EXAMINATION BRANCH**

No.- DTU/Examination/19/2025-26/ 4777/

Dated: 09.07.2025

### **NOTICE**

### Subject: Registration Schedule for Odd Semester of the Academic Year 2025-2026

1. The schedule for Online registration for following Programs as mentioned in the table below for the Odd Semester of the Academic Year 2025-26 is as follows: -

Program	Semester	Start Date & Time	<b>End Date</b>
D Tash	V / VII	11.07.2025, 3:00 PM	
B. Tech.	III	14.07.2025	25.07.2025
B.Des.	Ш	3:00 PM	11:59 PM
	B.Tech. B.Des.	B.Tech.	B.Tech. III 14.07.2025

- 2. Students are advised to check / reset their login password using their "registered Gmail/ Dtu email id" through login with google id on the registration portal: <a href="http://reg.exam.dtu.ac.in">http://reg.exam.dtu.ac.in</a> before the start of registration, there will be no "forget password / reset password/ login with google id" link available during course registration period.
- 3. There will be no separate registration for Odd Semester Examinations of the Academic Year 2025-26.
- 4. No Student will be allowed to register after the prescribed date.
- 5. Online registration of both Core and Elective courses is mandatory for all the students.
- 6. Offline request for dropping/adding/changing of the courses will not be entertained.
- 7. List of Elective Courses offered for B.Tech. VII and V Semester is enclosed.
- 8. A student of an undergraduate program shall not register for the courses offered to students of third year, if (s)he has not cleared all the courses of first year and a student of a program of more than 3 years' duration shall not register for the courses offered to students of fourth year, if (s)he has not cleared all the courses of second year as per regulation R1(B).11.
- 9. Student should not opt same or related Elective which he/she has already pursued in previous semester(s) or any core course which he/she will pursue in forthcoming semester(s).
- 10. Students who did not register for course(s) of previous Odd semesters should inform Examination Branch in writing.
- 11. 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.
- 12. Students are required to regularly visit the website for further instructions.
- 13. For any query related to online registration, Students may contact Examination Branch.

Inde



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

### **EXAMINATION BRANCH**

Note:-As new scheme will be implemented from B.Tech. 2023 Batch onwards, the elective offered for them will not be offered to previous batches and vice-versa.

(Prof. Rajeshwari Pandey) Controller of Examination

Dated: 09 .07.2025

No.- DTU/Examination/19/2025-26/ 4777/
Copy to:-

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

(Dr. Madhukar Ch.)

OSD(Examination)



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

### **EXAMINATION BRANCH**

# 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	Т	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.	xx305	Departmental Core Course(DCC)	DCC	4	3	0/1	2/0
4.	MG301 /HU301	Fundamentals of Management / Engineering Economics	SEC	3	3	1	0
5.		Department Specific Elective -1 (DEC1)	DEC	4	3	0/1	2/0
6.		Generic Elective Course- 1 (GEC1)	GEC	4	3	0	0
		Total		23			

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-I	DCC	4			
2.	xx403	Training Seminar	DCC	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		14			

- 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 DEC1/GEC1(5th sem) | GEC7/GEC8(7th 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/DEC from slot E1 then he cannot opt another GEC/DEC from slot E1. Also, he/she cannot opt for GEC/DEC 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/DEC is offered in two slots E1 & E2 and the student opts such elective in slot E1, then he/she cannot opt for GEC/DEC from slots E1 & E2.





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

### **EXAMINATION BRANCH**

### List of Electives for B.Tech. V/VII Sem

Course Code	Course Name	Slot	Remark
AE317	POWER UNITS AND TRANSMISSION	E1	
CE201n	INTRODUCTION TO EARTH, ATMOSPHERE, CLIMATE, AND ENVIRONMENTAL SCIENCES	E1	not for CE and 7 sen
CE301n	GEOTECHNICAL ENGINEERING	E1	not for CE and 7 sen
CH203	TRANSPORT PHENOMENA	E1	not for CH
CH301	POLYMERIC MATERIALS	E1	not for CH
CS203	OBJECT ORIENTED PROGRAMMING CONCEPTS	E1	not for CS & 7 sem
CS301	COMPILER DESIGN	E1	not for CS & 7 sem
CS313	QUANTUM COMPUTING	E1	only for 5 sem
EC307n	SEMICONDUCTOR DEVICE ELECTRONICS	E1	only for 5 sem
EE307n	SIGNALS AND SYSTEMS	E1 -	only for 5 sem
EE325	INTERNET OF THINGS	E1	
EN311n	ENVIRONMENTAL POLLUTION & E-WASTE MANAGEMENT	E1	only for 5 sem
EP209n	QUANTUM MECHANICS	E1	not for EP and 7 sem
EV301	FUNDAMENTALS OF ELECTRIC VEHICLES	E1	
HU309	INDIAN ECONOMY	E1	only for 7 sem
HU317	BASIC COMMUNICATION SKILLS	E1	only for 7 sem
IT301n	COMPILER DESIGN	E1	not for IT
IT309n	CYBER LAWS	E1	only for 5 sem
IT311n	MALWARE ANALYSIS	E1	only for 5 sem
IT321n	INTRODUCTION TO SECURITY OF CYBER-PHYSICAL SYSTEMS	E1	only for 5 sem
IT431	INFORMATION SECURITY AND AUDIT	E1	
MBA-107	MARKETING MANAGEMENT	E1	
MC207	ENGINEERING ANALYSIS AND DESIGN ( DIFFERENTIAL EQUATIONS AND APPLICATIONS)	E1	
MC305	OPERATION RESEARCH	E1	only for 7 sem
MC313n	OPERATION RESEARCH	E1	only for 5 sem
ME309n	CLEAN ENERGY	E1	only for 5 sem
SE203n	DATA STRUCTURES	E1	not for SE and 7 sen
SE325n	THEORY OF COMPUTATION	E1	only for 5 sem
AE411	VEHICLE MAINTENANCE AND TRIBOLOGY	E10	
BT407	BIOPROCESS TECHNOLOGY AND DOWNSTREAM PROCESSING	E10	4
CE429	DISASTER-INDUCED RISK	E10	
CE431	CYCLONIC HAZARD ASSESSMENT AND MITIGATION	E10	
CE433	SEISMIC HAZARD ASSESSMENT AND MITIGATION	E10	
CE435	LANDSLIDE HAZARD ASSESSMENT AND MITIGATION	E10	
CH407	POLYMER BLENDS AND COMPOSITES	E10	
CO423	SWARM & EVOLUTIONARY COMPUTING	E10	
CO425	INFORMATION AND NETWORK SECURITY	E10	
CO427	WEB TECHNOLOGY	E10	
CO433	DISTRIBUTED SYSTEMS	E10	
EC419	MEMORY DESIGN	E10	
EC457	NATURAL LANGUAGE PROCESSING /	E10	
EC461	MULTI-RATE SIGNAL PROCESSING	E10	



DELHI TECHNOLOGICAL UNIVERSITY

(Formerly Delhi College of Engineering)

Shahbad Daulatpur, Main Bawana Road, Delhi-110042

Course Code	Course Name	Slot	Remark
EE421	ADVANCED COMMUNICATIONS	E10	
EE423	MICROCONTROLLER & EMBEDDED SYSTEM	E10	
EE425	IC TECHNOLOGY	E10	
EN421	DESIGN OF WATER DISTRIBUTION NETWORK	E10	
EP415	ADVANCED SIMULATION TECHNIQUES IN PHYSICS	E10	
EP417	NEXT GENERATION SEMICONDUCTOR MATERIALS	E10	
HU429	ADVANCED SPOKEN SKILLS	E10	only for 7 sem
IT411	DIGITAL IMAGE PROCESSING	E10	,
IT427	INTRUSION DETECTION AND INFORMATION WARFARE	E10	
MC409	MATHEMATICAL MODELING AND SIMULATION	E10	
ME415	PROJECT MANAGEMENT	E10	
ME431	NON CONVENTIONAL ENERGY SOURCES	E10	
ME435	OPTIMISATION TECHNIQUES	E10_	
PE421	RELIABILITY, MAINTENANCE AND SAFETY ENGINEERING	E10	
SE425	INTELLECTUAL PROPERTY RIGHTS & CYBER LAWS	E10	
AE307	COMBUSTION GENERATED POLLUTION	E2	
BT325n	DRUG DESIGN & DELIVERY	E2	only for 5 sem
CE207n	SURVEYING & GEOINFORMATICS	E2	not for CE and 7 sem
CH417	POLYMER WASTE MANAGEMENT	E2	
CH429	ENERGY RESOURCES	E2	
CO301	SOFTWARE ENGINEERING	E2	not for CS & 7 sem
CO303	THEORY OF COMPUTATION	E2	not for CS & 7 sem
CS207	OPERATING SYSTEMS DESIGN	E2	not for CS & 7 sem
CS309	DISTRIBUTED SYSTEMS	E2	only for 5 sem
EC317	CONTROL SYSTEM	E2	
EE321a	SOFT COMPUTING TECHNIQUES	E2	
EE323	FUNDAMENTALS OF MACHINE LEARNING	E2	
EN207n	WATER TREATMENT & DESIGN	E2	not for EN and 7 sem
EN309n	ENVIRONMENTAL TOXICOLOGY	E2	only for 5 sem
EN413	WATER AND SOIL CONSERVATION	E2	
EP307n	PRINCIPLES AND APPLICATIONS IN NUCLEAR ENGINEERING	E2	only for 5 sem
EV351n	ENERGY STORAGE SYSTEM FOR ELECTRIC AND HYBRID VEHICLES	E2	only for 5 sem
HU307	BASIC ECONOMETRICS	E2	only for 7 sem
IT201	DATA STRUCTURE	E2	not for IT
IT203n	DATA STRUCTURES	E2	not for IT & 7 sem
IT303	COMPUTER NETWORKS	E2	not for IT
IT313n	INTERNET OF THINGS	E2	only for 5 sem
IT429	CYBER LAWS	E2	
MBASC215	LOGISTICS MANAGEMENT	E2	
MC303	STOCHASTIC PROCESSES	E2	
ME323n	VALUE ENGINEERING	E2	only for 5 sem
SE427	SOFTWARE PROJECT MANAGEMENT	E2	
AE309	OPERATIONS RESEARCH	E3	
CE209n	ANALYSIS OF STRUCTURES -I	E3	not for CE and 7 sem
CE303n	ENVIRONMENT ENGINEERING-II	E3	not for CE and 7 sem



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

Course Code	Course Name	Slot	Remark
CH201	CHEMICAL ENGINEERING PROCESS CALCULATIONS	ЕЗ	not for CH
CO327	MACHINE LEARNING	E3	
CS205	ALGORITHM DESIGN AND ANALYSIS	E3	not for CS and 7 sem
CS303	MACHINE LEARNING	E3	not for CS and 7 sem
CS311	INFORMATION THEORY AND CODING	E3	only for 5 sem
EC309	BIOMEDICAL ELECTRONICS AND INSTRUMENTATION	E3	
EE309n	POWER STATION PRACTICES	ЕЗ	only for 5 sem
EE313n	ENERGY EFFICIENT MOTORS	E3	only for 5 sem
EN307n	SOIL POLLUTION & REMEDIATION	E3	only for 5 sem
EP309n	BIOPHYSICS	E3	only for 5 sem
EV353	E-MOBILITY	E3	
HU305	MACROECONOMICS	E3	only for 7 sem
HU325	CREATIVE WRITING SKILLS	E3 =	only for 7 sem
IT307n	DEEP LEARNING	E3	only for 5 sem
ľT319n	INFORMATION AND NETWORK SECURITY	E3	only for 5 sem
IT323	MACHINE LEARNING	E3	
MBAMK219	MARKETING RESEARCH	E3	
MBASC213	TOTAL QUALITY MANAGEMENT	E3	
MC205n	PROBABILITY AND STATISTICS	E3	only for 5 sem
MC309	NUMBER THEORY	E3	
PE319	TOTAL LIFE CYCLE MANAGEMENT	E3	
SE209n	SOFTWARE ENGINEERING METHODOLOGIES	E3	not for SE and 7 sem
SE307n	SOFTWARE REQUIREMENT ENGINEERING	E3	only for 5 sem
CE203n	DESIGN OF STRUCTURE-I	E4	not for CE and 7 sem
CE307n	APPLICATION OF GEO-INFORMATICS, REMOTE SENSING, AND GIS IN ENGINEERING	E4	only for 5 sem
CH303	MASS TRANSFER -1	E4	not for CH
CH321n	RUBBER TECHNOLOGY	E4	only for 5 sem
CS209	SOFTWARE ENGINEERING	E4	not for CS and 7 sem
CS305	INFORMATION AND NETWORK SECURITY	E4	not for CS and 7 sem
CS311	INFORMATION THEORY AND CODING	E4	only for 5 sem
EC313	MICROPROCESSOR & INTERFACING	E4	
EE311n	SPECIAL ELECTRICAL MECHINES	E4	only for 5 sem
EE317	RENEWABLE ENERGY SYSTEMS	E4	
EN315n	AUTOMOBILE EMISSION & CONTROL	E4	only for 5 sem
EN417	ENVIRONMENTAL RISK ASSESMENT	E4	
EP311n	COSMOLOGY AND ASTROPHYSICS	E4	only for 5 sem
EV355n	ELECTRIC VECHICLES DESIGN, DYNAMICS AND TESTING	E4	only for 5 sem
EV357	CONVERTERS AND CHARGING INFRASTRUCTURE	E4	
HU327	NON-VERBAL COMMUNICATION	E4	only for 7 sem
IT201	DATA STRUCTURE	E4	not for IT
IT203n	DATA STRUCTURES	E4	not for IT
IT307	PATTERN RECOGNITION	E4	
IT307n	DEEP LEARNING .	E4	only for 5 sem
		E4	
MBA-105	FINANCIAL & COST ACCOUNTING	154	



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

Course Code	Course Name	Slot	Remark
MC307n	ARTIFICIAL INTELLIGENCE	E4	only for 5 sem
ME307n	POWER PLANT ENGINEERING	E4	only for 5 sem
PE311	TAPID PROTOTYPING TOOLING AND MANUFACTURING	E4	
SC301	ADVANCED SEMICONDUCTOR DEVICE PHYSICS	E4	
CE205n	FLUID MECHANICS	E5	not for CE and 7 sem
CE309n	WIND LOADS ON STRUCTURES	E5	only for 5 sem
CE311n	DISASTER MANAGEMENT	E5	only for 5 sem
CE313n	ROCK ENGINEERING	E5	only for 5 sem
CE315n	ADVANCED MECHANICS OF SOILS	E5	only for 5 sem
CE317n	WATER POWER ENGINEERING	E5	only for 5 sem
CE319n	WATER RESOURCES PLANNING AND SYSTEM ENGINEERING	E5	only for 5 sem
CE321n	COMPUTATIONAL FLUID DYNAMICS	E5	only for 5 sem
CE323n	QUANTITY SURVEY AND ESTIMATION	E5	only for 5 sem
CE325n	GEODESY AND NAVIGATION	E5	only for 5 sem
CE327n	AI IN CIVIL ENGINEERING	E5	only for 5 sem
CE329n	CONCRETE TECHNOLOGY	E5	only for 5 sem
CH307n	CHARACTERIZATION OF MATERIALS	E5	only for 5 sem
CH309n	PETROLEUM REFINING ENGINEERING	E5	only for 5 sem
CO325	PROBABILITY AND STATISTICS	E5	
CS309	DISTRIBUTED SYSTEMS	E5	only for 5 sem
EC311	ALGORITHM DESIGN AND ANALYSIS	E5	
EE315	DIGITAL CONTROL AND STATE VARIABLE ANALYSIS	E5	
EE319	DIGITAL SYSTEM DESIGN	E5	
EN313n	ADVANCE SURVEYING	E5	only for 5 sem
EP315n	ADVANCED SEMICONDUCTOR DEVICE PHYSICS	E5	only for 5 sem
EP317n	ADVANCED WAFER PROCESSING	E5	only for 5 sem
IT321	MALWARE ANALYSIS	E5	
IT325	SECURE CODING	E5	
IT411	DIGITAL IMAGE PROCESSING	E5	
IT425	NATURAL LANGUAGE PROCESSING	E5	
IT427	INTRUSION DETECTION AND INFORMATION WARFARE	E5	
MC307n	ARTIFICIAL INTELLIGENCE	E5	only for 5 sem
ME317n	COMPUTATIONAL FLUID DYNAMICS	E5	only for 5 sem
ME319n	FINITE ELEMENTS METHODS	E5	only for 5 sem
SC303	ADVANCED WAFER PROCESSING	E5	
IT303	COMPUTER NETWORKS	E6	not for IT
IT351a	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	E6	
IT407	INFORMATION AND NETWORK SECURITY	E6	
IT433	MULTI MODAL DATA PROCESSING	E6	
AE413	VEHICLE TRANSPORT MANAGEMENT	E7	
BT421	PHARMACOGENOMICS AND PERSONALIZED MEDICINE	E7	
CE405	DESIGN OF STEEL STRUCTURES	E7	
CE407	WATER RESOURCE ENGINEERING	E7	
CE409	ADVANCED DESIGN OF CONCRETE STRUCTURES	E7	
CE411	INTERACTION BEHAVIOUR OF SOIL STRUCTURES •	E7	
CO415	WIRELESS AND MOBILE COMPUTING	E7	



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

Course Code	Course Name	Slot	Remark
CO429	NEURAL NETWORKS	E7	
EC407	OPTICAL COMMUNICATION	E7	
EC409	COMPUTER VISION	E7	
EE405	DIGITAL SIGNAL PROCESSING	E7_	
EE415	DESIGN OF ELECTRICAL MACHINES	E7	
EE417	ADVANCED TOPICS IN ELECTRICAL MACHINES	E7	
EE427	COMPUTER ARCHITECTURE	E7	
EN411	OCCUPATIONAL HAZARDS, HEALTH & SAFETY	E7	
EP405	NANO SCIENCE AND TECHNOLOGY	E7	
HU405	ECONOMIC GROWTH	E7	only for 7 sem
IT407	INFORMATION AND NETWORK SECURITY	E7	
IT425	NATURAL LANGUAGE PROCESSING	E7	
IT427	INTRUSION DETECTION AND INFORMATION WARFARE	E7	TV:
ME411	I C ENGINES	E7	
ME427	OPERATIONS RESEARCH	E7	
PE417	MATERIALS MANAGEMENT	E7	
SC401	NEXT GENERATION SEMICONDUCTOR MATERIALS	E7	
SE429	DATA WAREHOUSE & DATA MINING	E7	
AE415	POWER PLANT ENGINEERING	E8	
BT413	NANOBIOTECHNOLOGY	E8	
CE413	WATER RESOURCES MANAGEMENT	E8	
CE415	TRANSPORTATION SAFETY AND THE ENVIRONMENT	E8	
CE417	FINITE ELEMENT METHOD FOR 2-D STRUCTURE	E8	
CE419	SOIL DYNAMICS	E8	
CH405	FIBER TECHNOLOGY	E8	
CO423	SWARM & EVOLUTIONARY COMPUTING	E8	
CO425	INFORMATION AND NETWORK SECURITY	E8	
CO427	WEB TECHNOLOGY	E8	
EC411	BIOMEDICAL SIGNAL AND IMAGE PROCESSING	E8	
EC413	POWER ELECTRONICS	E8	1
EE407	INSTRUMENTATION AND MEASUREMENT	E8	
EE419	PULSE WIDTH MODULATION FOR POWER CONVERTERS	E8	
EE429	POWER ELECTRONICS APPLICATION TO PHOTO-VOLTAIC SYSTEMS	E8	
EN409	INDUSTRIAL WASTE MANAGEMENT	E8	
EP407	VLSI AND FPGA DESIGN	E8	
HU407	WEALTH AND POVERTY OF NATIONS	E8	only for 7 sem
IT407	INFORMATION AND NETWORK SECURITY	E8	
IT417	HIGH PERFORMANCE COMPUTING	E8	
MC405	GRAPH THEORY	E8	
ME409	MECHATRONICS & CONTROL	E8	
ME419	ROBOTICS & AUTOMATION	E8	
PE411	COMPUTER INTEGRATED DESIGN AND MANUFACTURING	E8	
SC403	MEMSS AND SENSOR DESIGN	E8	
AE407	PRODUCTION AND OPERATIONS MANAGEMENT	E9	
AE417	ROBOTICS AND AUTOMATION /	E9	



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

Course Code	Course Name	Slot	Remark
BT411	INDUSTRIAL BIOTECHNOLOGY	E9	
CE421	HYDRAULICS STRUCTURE AND FLOOD CONTROL WORKS	E9	
CE423	ADVANCED TRANSPORTATION ENGINEERING	E9	
CE425	SUSTAINABLE CONSTRUCTION AND PRACTICES	E9	
CE427	WIND LOADS ON STRUCTURES	E9	
CO411	COMPUTER VISION	E9	
CO415	WIRELESS AND MOBILE COMPUTING	E9	
CO431	REINFORCEMENT LEARNING	E9	
CO433	DISTRIBUTED SYSTEMS	E9	
EC415	SYSTEM ON CHIP DESIGN	E9	
EC441	RADAR SIGNAL PROCESSING	E9	
EC455	DATA ANALYTICS	E9	
EE409a	SWITCHGEAR AND PROTECTION	E9	
EE411	POWER SYSTEM MODELLING AND SIMULATION	E9	
EE413	POWER SYSTEM RELIABILITY	E9	
EN407	VIBRATION ANALYSIS & CONTROL OF NOISE POLLUTION	E9	
EP411	ADVANCED MATERIAL FOR PHOTONIC DEVICES	E9	
HU425	SOFT SKILLS DEVELOPMENT	E9	only for 7 sem
IT411	DIGITAL IMAGE PROCESSING	E9	
IT417	HIGH PERFORMANCE COMPUTING	E9	
IT425	NATURAL LANGUAGE PROCESSING	E9	
MC407	CRYPTOGRAPHY & NETWORK SECURITY	E9	
ME413	METROLOGY	E9	
ME421	COMPUTATIONAL FLUID DYNAMICS	E9	
ME423	ADVANCED MANUFACTURING PROCESS	E9	
PE419	PROJECT MANAGEMENT	E9	

