DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering)
Shahbad Daulatpur, Main Bawana Road, Delhi-42
Academic PG

F. No. DTU/Acad-PG/Ph.D Notification/7559-62   **Dated: 06 /08/2024**

<u>Circular</u>

Sub: - Scheme for M.Tech (Full-Time & Part-Time) Program as per NEP 2020

The Academic Council, DTU in its 39th Meeting held on 19.06.2024, has approved scheme for M.Tech (Full-Time & Part-Time) Program as per NEP 2020. Therefore, all departments are requested to finalize their scheme alongwith codes and syllabus for M.Tech (Full-Time & Part-Time) Program as per the approved scheme on or before time 23rd Aug 2024 and submit the duly approved scheme to PG Branch for information in hard copy and docx version on email id *academicpg@dtu.ac.in.*

The duly approved scheme for M.Tech (Full-Time & Part-Time) Program as per NEP 2020 is enclosed herewith for reference please.

06/08/2024

(Prof. Rinku Sharma)
Dean (Academic-PG)

Copy to:

1. PA to VC for kind information to the Hon'ble Vice Chancellor.
2. PA to Registrar for kind information to the Registrar.
3. All Heads.
4. Guard File.

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Scheme for Full Time M. Tech. as per NEP-2020

Code	Type	Cr	L-T-P	Total Credits	Level
	SEMESTER I				
XXX101	Core	4	3-1-0/3-0-2/2-0-4/0-0-8	24	500-599*
XXX105	Core	4	3-1-0/3-0-2/2-0-4/0-0-8		
XXX107	Core	4	3-1-0/3-0-2/2-0-4/0-0-8		
XXX109	Core	4	3-1-0/3-0-2/2-0-4/0-0-8		
XXX131	Departmental Elective 1	4	3-1-0/3-0-2/2-0-4/0-0-8		
XXX125	Self-Study	2	-		
XXX123	Skill Enhancement Course 1	2	-		
UEC101	Audit Course	0	0-0-2		

			SEMESTER II		
Code	Type	Cr	L-T-P	Total Credits	Level
XXX102	Core	4	3-1-0/3-0-2/2-0-4/0-0-8	24	500-599*
XXX104	Core	4	3-1-0/3-0-2/2-0-4/0-0-8		
XXX132	Departmental Elective 2	4	3-1-0/3-0-2/2-0-4/0-0-8		
XXX134	Departmental Elective 3	4	3-1-0/3-0-2/2-0-4/0-0-8		
UCC102	Research Methodology and IPR	4	3-1-0/3-0-2/2-0-4/0-0-8		
XXX146/ XXX148	Skill Enhancement Course 2/Industrial Training	4	-		
	NHEQF Level				6.5

			SEMESTER III		
Code	Type	Cr	L-T-P	Total Credits	Level
XXX201	Core	4	3-1-0/3-0-2/2-0-4/0-0-8	16	600-699*
UEC 201	Open Elective 1	4	3-1-0/3-0-2/2-0-4/0-0-8		
XXX203	Minor Project/Research Thesis/Patent	8	-		

			SEMESTER IV		
Code	Type	Cr	L-T-P	Total Credits	
XXX202	Major Project/Research Thesis/Patent	16	-	16	-
	NHEQF Level				7.0

Refer draft UGC Curriculum and credit framework for PG Programme

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Scheme for Part Time M. Tech. as per NEP-2020

SEMESTER I					
Type	Cr	L-T-P	Total Credits		Level
Core	4	3-1-0/3-0-2/2-0-4/0-0-8			
Core	4	3-1-0/3-0-2/2-0-4/0-0-8	12		500-599*
Core	4	3-1-0/3-0-2/2-0-4/0-0-8			

SEMESTER II				
Type	Cr	L-T-P	Total Credits	Level
Core	4	3-1-0/3-0-2/2-0-4/0-0-8		
Core	4	3-1-0/3-0-2/2-0-4/0-0-8	12	500-599*
Departmental Elective 2	4	3-1-0/3-0-2/2-0-4/0-0-8		
			NHEQF Level	6.5

SEMESTER III				
Type	Cr	L-T-P	Total Credits	Level
Core	4	3-1-0/3-0-2/2-0-4/0-0-8	12	500-599
Departmental Elective 1	4	3-1-0/3-0-2/2-0-4/0-0-8		
Self-Study	2	-		
Skill Enhancement Course 1	2	-		
Audit Course	0	0-0-2		

SEMESTER IV				
Type	**Cr**	**L-T-P**	**Total Credits**	**Level**
Departmental Elective 3	4	3-1-0/3-0-2/2-0-4/0-0-8	12	500-599
Research Methodology and IPR	4	3-1-0/3-0-2/2-0-4/0-0-8		
Skill Enhancement Course 2/Industrial Training	4	-		
			NHEQF Level	6.5

SEMESTER V				
Type	**Cr**	**L-T-P**	**Total Credits**	**Level**
Core	4	3-1-0/3-0-2/2-0-4/0-0-8	16	600-699*
Open Elective 1	4	3-1-0/3-0-2/2-0-4/0-0-8		
Minor Project/Research Thesis/Patent	8	-		

SEMESTER VI				
Type	**Cr**	**L-T-P**	**Total Credits**	
Major Project/Research Thesis/Patent	16	-	16	-
			NHEQF Level	7.0

Refer draft UGC Curriculum and credit framework for PG Programme

Course Type	Nomenclature	I Semester	II Semester	III Semester	IV Semester
CORE	First three characters are specialization e.g. GTE for Geotechnical Engineering 4th character is year 6th character is semester Exception of 03 & 06 for 5th & 6th character are reserved for SEC's	GTE101 GTE105 GTE107 GTE109	GTE102 GTE104	GTE201	-
SEC	First three characters are specialization e.g. GTE for Geotechnical Engineering 4th character is year 5th character is total credits 6th character is reserved as 03 for Odd and 06 for Even Semester	GTE123	GTE146	-	-
DEC (Departmental Elective Course)	First three characters are specialization e.g. GTE for Geotechnical Engineering 4th character is year 5th character is reserved value 3 6th character is semester	GTE131	GTE132 GTE134	-	-
Open Elective	First three characters are reserved with value UEC 4th character is year 6th character is semester	-	-	UEC201	-
University Core Course (RM)	First three characters are reserved with value UCC 4th character is year 6th character is semester	-	UCC102	-	-
Industrial Training	First three characters are specialization e.g. GTE for Geotechnical Engineering 4th character is year 5th character is credit 6th character is reserved with value 8 for even semester	-	GTE148	-	-

Course Type	Description				
Self Study Seminar	First three characters are specialization e.g. GTE for Geotechnical Engineering 4th character is year 5th character is credit 6th character is reserved with value 5 for odd semester	GTE125	-	-	-
Minor Project	First three characters are specialization e.g. GTE for Geotechnical Engineering 4th character is year 6th character is semester Exception of 03 & 06 for 5th & 6th character are reserved for SEC's	-	-	GTE203	-
Major Project	First three characters are specialization e.g. GTE for Geotechnical Engineering 4th character is year 6th character is semester Exception of 03 & 06 for 5th & 6th character are reserved for SEC's	-	-	-	GTE202
Audit Course	First three characters are reserved with value UEC 4th character is year 6th character is semester	UEC101	-	-	-