

Course Structure of M.Tech. Program in Defence Technology (from AY 2023-24)

Minimum Educational Qualification: Four-year Bachelor's degree in Engineering with first division/ first class as defined by the awarding Institute/ University for Indian applicants and equivalent to international applicants, as assessed by the Institute. Relaxation of 5% in qualifying degree is applicable for SC, ST and PwD applicants.

Qualifying Examination: Minimum 2 years of experience in Defence Laboratory / ISRO / Defence Industry / Equivalent limited associated industry

Categories of Admission:

Indian Students: Only for the Highly motivated sponsored candidate (**SW**) from highly reputed defence R & D organizations such as DRDO, ISRO, BHEL, ADE, ADA, etc., and highly reputed defence Industries; (ii) Defence Forces (**DF**): Candidates sponsored by the Defence Forces.

Duration of Program: 2 years on a full-time basis.

Intake: 15

Course Structure of 2-Year Full Time M. Tech. Program in Defence Technology

1st Year: Semester-I

Course Code	Course Title	Contact hours (L-T-P)	Credit
DT 6XX	Engineering Mathematics	2-1-0	3
DT 6XX	Design of Experiments with case studies	2-1-0	3
DT 6XX	Systems Design Engineering Laboratory	0-1-4	3
ZZ 6XX	Elective-I	X-X-X	3
ZZ 6XX	Elective-II	X-X-X	3
ZZ 6XX/ 7XX	Elective-III	X-X-X	3
Total minimum credits earned during the semester			18
Additional course (as per the requirement basis)			
HS 641	English Communication Skills	2-0-2	PP/NP

1st Year: Semester-II

Course Code	Course Title	Contact hours (L-T-P)	Credit
ZZ 6XX	Elective-IV	X-X-X	3
ZZ 6XX	Elective-V	X-X-X	3
ZZ 6XX	Elective-VI	X-X-X	3
ZZ 6XX/ 7XX	Elective-VII	X-X-X	3
DT 698	PG Seminar course	0-2-0	2
Total minimum credits earned during the semester			14

2nd Year: Semester-III

Course code	Course Title	L-T-P	Credits
DT 799	M. Tech. Research Project (Stage-I)	0-0-36	18
Total minimum credits to be earned during the semester			18

2nd Year: Semester-IV

Course code	Course Title	L-T-P	Credits
DT 800	M. Tech. Research Project (Stage-II)	0-0-36	18
Total minimum credits to be earned during the semester			18
Total minimum credits to be earned during the program			68