

KURUKSHETRA UNIVERSITY KURUKSHETRA
(Established by the State Legislature Act XII of 1956)
(*A** Grade, NAAC Accredited)

NOTIFICATION

The Hon'ble Vice-Chancellor on the recommendations of the Committee in its meeting held on 5.06.2025 has approved the Ordinance for Bachelor of Technology (B.Tech.) (Semester System) Examination (Credit Based System) applicable for UIET/Affiliated Institutes as per NEP -2020 under Section 11(5) of the K.U. Act & Statutes, 1986 in anticipation of the approval of the Academic Council/Executive Council as per **Annexure-I** w.e.f. the Session 2025-26.

Further necessary action may please be taken accordingly.

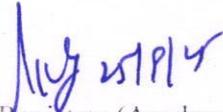
REGISTRAR

Endst. No. ACR-I/B.Tech./25/10217-10296 Dated: 25-9-25

Copy of the above alongwith Annexure I is forwarded to the following for information and necessary action: -

1. Dean Academic Affairs, KUK
2. Dean of all the Faculties.
3. Dean of Colleges (with the request to get the above circulated to the Affiliated Colleges/Institutes), KUK.
4. Directors/Chairpersons/Principals of University Teaching Departments/ Institutes/School.
5. Controller of Examinations-I&II.
6. Director, IT Cell (with the request to upload the same on the University website).
7. Deputy Registrar/Asstt. Registrar/Admn. Officer (R-I/II/III/Secrecy/Conduct/ Re-evaluation/Regn.).
8. OSD to Vice-Chancellor (for kind information of the Hon'ble Vice-Chancellor), KUK.
9. Deputy Registrar o/o the Registrar (for kind information of the Registrar), KUK.
10. ACR-II (Academic Section).
11. Supdt.(Syllabus Section).

D.A. As Above.


Deputy Registrar (Academic)
for Registrar

ORDINANCE
BACHELOR OF TECHNOLOGY (B.TECH.)
(SEMESTER SYSTEM) EXAMINATION
(CREDIT-BASED SYSTEM)
(APPLICABLE FOR UIET/AFFILIATED INSTITUTES)

AS PER NEP-2020
(w.e.f. Session 2025-26)



KURUKSHETRA UNIVERSITY, KURUKSHETRA – 136119 (HARYANA)
(Established by the State Legislature Act XII of 1956)
(‘A++’ Grade, NAAC Accredited, Category-I University)

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1.1 The duration of the course leading to the Degree of Bachelor of Technology (B.Tech.) in UIET/ affiliated institutes under the credit system shall be four academic years, comprising eight semesters. Each academic year shall be divided into two semesters, i.e., July/August to November/December and January/February to May/June. The nomenclature of the degree awarded will be-

(i) Bachelor of Technology (.....Discipline.....), such as:

Bachelor of Technology (Biotechnology/ Computer Science and Engineering/ Computer Science and Engineering (Artificial Intelligence and Machine Learning)/Electrical and Computer Engineering/Electronics and Communications Engineering/ Mechanical Engineering/.....)

(ii) If Honours with Specialization is done as per Appendix-I along with a regular program, then the nomenclature of the degree awarded will be

Bachelor of Technology (Honours) (.....Discipline.....) with Specialization in (....Area....).

(iii) If Minor Degree is done as per Appendix-I along with a regular program, then the nomenclature of the degree awarded will be

Bachelor of Technology (.....Discipline.....) with Minor Degree in (....Area....)

1.2 The End Semester Examination for the odd Semesters (I/III/V/VII) shall ordinarily be held in the month of December/January and for the even semesters (II/IV/VI/VIII) in the month of May/June, on the dates to be notified by the Examination Branch.

1.3 The theory examination in each semester will be based on the syllabus and scheme of examination as prescribed by the Academic Council from time to time. The examination shall consist of:

(a) End Semester Examination- the papers to be set and answer-books to be evaluated by examiners approved by concerned BOS.

(b) Internal Assessment- the papers to be set and answer-books to be evaluated by the teachers of the various subjects in the concerned Department/ Institute/ UIET.

2. The last date(s) by which the Examination forms and fees must be submitted with the University Portal as per schedule notified by the Controller of Examinations, Kurukshetra University, Kurukshetra Appendix-I in K.U. Calendar Volume.II.

3. The minimum eligibility conditions and admission criteria to all B.Tech. programs will be as per the Admission Brochure issued by Haryana State Technical Education Society under the Department of Technical Education, Haryana from time to time. For detailed eligibility,

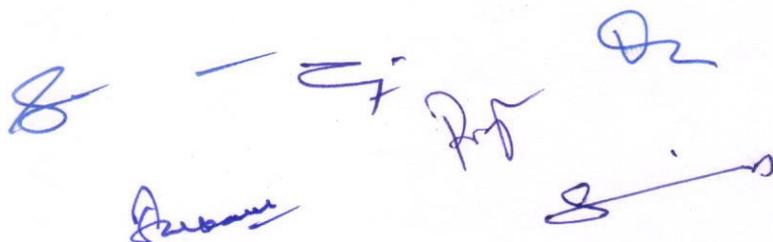
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students are advised to refer to the Admission Brochure published by the Department of Technical Education, Haryana as attached at Appendix-II. The reservation of seats in all B.Tech. programs will also be followed as per the Haryana Government reservation policy.

- 4.1 The courses of study and the subjects of examination in each semester shall be as approved by the Academic Council from time to time. Additionally, with the permission of Department/College/Institute, a student can opt for online courses upto 40% of the courses of the program except core, project work and laboratory courses through online platform SWAYAM/NPTEL/MOOCs as per University guidelines prevailing from time to time.
- 4.2 Each academic programme will have a certain number of credits which will reflect its weightage. A student's performance/ progress will be measured by the number of credits that he/she has completed satisfactorily. (The detailed rules/guidelines for implementation of Credit System of study and award of Grades are at Appendix-II in the K.U. Cal. Vol.II.).
- 4.3 All evaluations of different components of course shall be done in marks for each student. The marks of various components shall be reduced to approved weightage, as decided by the Staff Council and/or indicated in the scheme of examination and added to get total marks secured on a 100 point scale. A minimum Grade Point Average will be required to be maintained for satisfactory progress. Also a minimum number of earned credits shall have to be acquired in order to qualify for the degree.
- 4.4 Credits of a course will be evaluated as under :-
 - (a) For all lecture and tutorial classes, one credit per lecture per week (Semester-wise) will generally be adopted.
 - (b) One laboratory hour per week (Semester-wise) will be assigned half credit. Course with odd numbers of laboratory hours having fractional credits will be accepted.
- 5.1 The grade awarded to a student in any course will be based on the attendance, and performance of the student in Internal Assessment (two sessionals), Make-up* test and other academic activities like assignments, Viva-Voce, laboratory work, seminar, group discussions, quiz etc. and End Semester Examination at the end of semester.
 - (a) The distribution of the weightage for the End Semester Examination (Theory) will be 70%, whereas the distribution of the weightage for Theory Courses for Internal Assessment will be 30%. The following bifurcation for Internal Assessment (Theory) (30%) would be followed:

Table 1: Bifurcation for Internal Assessment (Theory) out of 30 marks

Sessional Test I	50% (15 marks)
Sessional Test- II	
Make Up Test*	
Assignments/problem solving/group discussions/ quiz/seminar/	30% (9 Marks)



mini project/ Class performance etc.	
Class involvement/ attendance	20% (6 Marks)

*In special circumstances, the student may be given a chance to appear in a Make-up test with due permission of the Director/Principal/Chairperson of the Institute/College/Department. This test will be conducted from the syllabus as covered in sessional I and sessional II, as the case may be, and the student will be awarded only 50% marks in this test.

- (b) The distribution of the weightage for **Internal Assessment** and **Practical Exam** in case of Laboratory courses will be 40% and 60% respectively. There will be no provision for re-evaluation of Internal Assessment.

Table 2: Distribution of weightage for Laboratory Courses in **Internal Assessment** (40 Marks)

Lab Experiments/ Procedure writing / Tabulation/ Submission of Lab Records etc.	40% (16 Marks)
Viva-voce	30% (12 Marks)
Class Attendance	30% (12 Marks)

Table 3: Distribution of weightage for Laboratory Courses for **Practical Exam** (60 Marks)

Lab Experiments/ Procedure writing / Tabulation/ Submission of Lab Records, etc.	50% (30 Marks)
Viva-voce	50% (30 Marks)

- (c) In case the student is not satisfied with the evaluation of the End Semester Examination (Theory), he/she may apply for re-evaluation. Re-evaluation and special re-evaluation rules to be followed as per K.U. guidelines.
- (d) *A committee to be framed by the Director, UIET, for processing and compiling re-evaluation and for special re-evaluation cases, a standing committee comprising the Dean (Engg & Tech.), the Director, UIET and the subject expert will look after such cases. The decision of the committee will be final and binding.

Note: * Applicable only for UIET, KUK.

5.2 The Director/Chairperson of the Institute/Department concerned shall submit the final awards of the Internal Assessment and End Semester Examination of the students on the University Portal as per schedule notified by the Controller of Examinations, Kurukshetra University, Kurukshetra.

5.3 The Examinations Branch will prepare and declare the grade/ result and will notify.

5.4 End Semester Examination (both Theory and Practical Exam) shall be open to a regular student who :

- (a) has been on the rolls of the Institute/College/Department during the semester.
- (b) has his/her Examination form submitted in the office of the Institute/College/Department duly countersigned by the Director/Chairperson of the Institute/College/Department on the following certificate:
 - (i) has attended not less than 75% of the lectures in a course. This requirement shall be fulfilled separately for each course of the program. A deficiency in the prescribed course (Lectures/ Practical, etc.) may be condoned by the Director/Chairperson of the Institute/College/Department in deserving cases up to 15%. These shall also include loss of attendance due to adverse medical ground/ participation in the cultural and sports assignments, etc. provided that, a student who participates in the Inter-University Tournaments or Inter University Youth festivals or Republic Day Parade may be allowed additional condemnation on this ground up to 10% in each paper on a certificate from the Director, Physical Education and Sports or the Director, Youth and Cultural Affairs Department, PC, NSS; ANO, NCC as the case may be, subject to the condition that such a student shall not be allowed to appear in the examination if his/her attendance, after condemnation on all counts, falls below 50%.

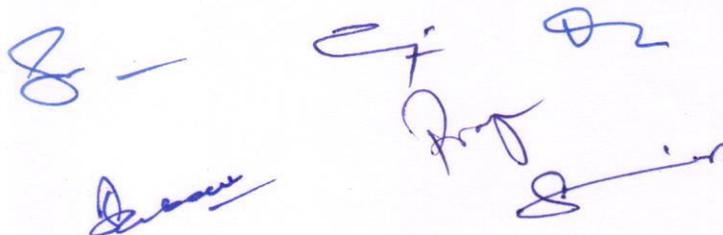
6.1 The minimum percentage/grade of marks to pass the examination in each Semester shall be:

- (i) Grade 'P' in each End Semester Exam;
- (ii) Grade 'P' in each practical subject or Project Work or Dissertation Work or Seminar or Viva-voce examination etc.; and
- (iii) Grade 'P' in the aggregate of Internal Assessment and End Semester Exam for each theory/practical paper.

6.2 There will be no provision of improvement for the Internal Assessment. A candidate who fails in combined End Semester Examination and Internal Assessment will have re appear in the End Semester Examination only and his/her Internal Assessment marks will be carried forward.

6.3 Award of grades and the corresponding grade points to be given to a candidate will be based on Absolute marks taking into account all the courses undergone by the candidate over all the Semesters i.e. I to VIII. The conversion factor for conversion from SGPA/CGPA to percentage of marks shall be 10.

6.4 For the students of affiliated Engineering Colleges of Kurukshetra University, Kurukshetra, the End Semester Exams (Regular and Reappear) for the odd Semesters (I/III/V/VII) shall ordinarily be held in the month of December/January and for the even Semesters (Regular



and Reappear) (II/IV/VI/VIII) in the month of May/June on the dates to be notified by the Examinations Branch of KUK.

For the students of University Institute of Engineering & Technology, Kurukshetra University, Kurukshetra, the End Semester Exams (Regular) for the odd semesters (I/III/V/VII) will be held in the month of December/January and for even semesters (II/IV/VI/VIII) in the month of May/June, while the reappear examination for all the semesters would be held in the subsequent semesters consecutively.

7. The grading of academic performance will be as under :-

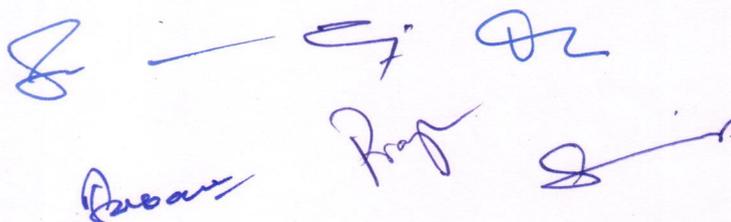
Letter grade	Grade Point	Marks
O (Outstanding)	10	85-100
A+ (Excellent)	9	75-84
A (Very Good)	8	65-74
B+(Good)	7	55-64
B (Above Average)	6	50-54
C (Average)	5	41-49
P (Pass)	4	40
F (Fail)	0	Less than 40
Ab	0	Absent

Note: (1) A candidate eligible to take the examination obtaining Grade F or Ab will be considered to have failed in the examination/paper(s). Such a candidate will be required to re-appear in that examination/paper(s) within the permissible chances as per clause 8 for obtaining pass grade.

(2) A candidate who has not attended requisite percentage of lectures in a course will also be awarded Grade 'F'. Such a candidate will have to repeat that course to complete the attendance requirement.

(3) If 'F'/'Ab' Grade is awarded to a candidate in major project/dissertation/field training, he/she will get only one more chance to appear in Viva-voce/repeat the project/dissertation/field training as per recommendation of the examiner at the end of next Semester. However, if a candidate still gets 'F'/'Ab' Grade in major project, the same will not be eligible for the award of degree.

8. If a candidate has, after attending the course of studies in the Institute/College/Department and being eligible, either not appeared or appeared in any Semester Examination and failed in one or more courses for that examination, he can appear for such course(s) at subsequent examinations, when held as per clause 1.3, without attending a fresh course of studies for that Semester in the Institute/College/Department according to the Syllabus for regular



students in force, unless decided otherwise by the Vice-Chancellor in case of major change in syllabus. Such a candidate may, in the meantime, prosecute his studies for the next higher Semester(s) and appear in the examination(s) for the same alongwith the examination for the lower Semester(s).

Provided that a candidate shall not be allowed to attend classes in the Semesters mentioned in Column (a) below unless he has fulfilled the attendance requirements as per Clause 5.4 for all the courses of the Semesters, mentioned in Column (b) below and shall be required to repeat the studies of the course(s) in which he has failed to achieve the attendance requirements whenever the courses are offered by the Institute/College/Department:-

(a)	(b)
3 rd Semester onwards	1 st and 2 nd Semester
5 th Semester onwards	3 rd and 4 th Semesters
7 th Semester onwards	5 th and 6 th Semesters

Provided further that after completion of their studies for the whole duration of the course upto 8th Semester, the candidates will be allowed to appear in examination as an ex-student for the left out papers.

Provided still further that a candidate who fails to pass the B.Tech. Examination within a period of eight years of his admission to the course, shall be deemed to be unfit for the Bachelor of Technology course at this University and will be limited to 6 years for the LEET candidates after their admission in B. Tech 2nd year through lateral entry after passing diploma in respective discipline as per their eligibility criteria.

9. The medium of instruction and examination shall ordinarily be English except otherwise decided by the Board of Studies. The question paper will be set in English, except otherwise decided by the Board of Studies concerned and approved by Academic Council.
10. The amount of examination fee to be paid by a candidate for each Semester shall be the same as prescribed by the University from time to time.

A candidate, who re-appears in one or more paper(s)/practical(s)/ semester(s) for the purpose of passing, shall pay fee as for the whole examination.

11. The topic of Project/ Training/ Seminar/ comprehensive viva-voce, wherever applicable will be approved by the Departmental Committee which will comprise of Director/Chairperson and two senior most teachers of the Department/ Institute. The evaluation will be done by the examiners recommended by BOS. The candidate shall be required to submit three copies of project/ training report to the Director/ Chairperson of the Institute/ Department before the commencement of End Semester Examination of the relevant semester.

7



12. The candidate shall be required to undergo practical training/ intrenship wherever required/provided in the scheme of examinaiton in a business enterprise/organization approved by the Director/Chairperson of the Institute/Department. He shall be required to submit a compreshensive report within one month of completion the training. Training Report will be completed under the supervision of the officer of the company/ institution under whose guidance and supervision the training was completed by the candidate in that Institute/College/Department. The candidate will add supervisor's certificate in the beginning of the report stating that the report is an out-come of work done by the candidate during his/her training.
13. Each successful candidate shall receive result card on having passed the semester examination.
14. Grace marks will be awarded according to the University rules prevailing from time to time.
15. The Gold Medal will be awarded as per the merit list prepared in the examinations of the candidates securing the highest CGPA, provided the candidate must have passed all the semester examinations at the first attempt and within the minimum duration of the course. In case two or more candidates obtain the same CGPA, then those candidates will be awarded a Gold Medal.
16. Notwithstanding the integrated nature of this course which is spread over more than one academic year, the Ordinance in force at the time a student joins the course shall hold good only for the examination held during or at the end of the year and nothing in this Ordinance shall be deemed to debar the University from amending the Ordinance, and the amended Ordinance, if any, shall apply to all sutdents whether old or new.

Transitory provision:

Students admitted to the UG Program under the semester system in the Department/College/Institute prior to the academic session 2025-26 shall be governed by the old rules as applicable for that program of that session. The present rules shall be applicable to the students who take admission in a program according to the Curriculum and Credit Framework for UG Programme (CCFUGP) as per NEP-2020 w.e.f. the academic session 2025-26.

APPENDIX-I

Subject: Guidelines/structure for the award of Honours with Specialization/Minor Degree.

The University Institute of Engineering and Technology (UIET), Kurukshetra University, Kurukshetra, and Affiliated Institutes offers B.Tech. and undergraduate degrees across various disciplines, including Biotechnology, Computer Science and Engineering, Computer Science and Engineering (Artificial Intelligence and Machine Learning), Electrical and Computer Engineering, Electronics and Communication Engineering, Mechanical Engineering, and more. The curriculum for the B.Tech. programs has been revised in accordance with the guidelines set by AICTE, as outlined in NEP-2020. Students have the opportunity to earn an Honours degree with a Specialization or Minor Degree, contingent upon the completion of an additional 18 to 20 credits in the designated area, alongside the credits required for obtaining the Undergraduate Degree in their Major Discipline. These additional credits can be acquired from a selection of courses offered through NPTEL/MOOC. A supplementary certificate will be issued by the COE, UIET/COE, KUK. While the main degree will remain uniform for all students, the Honours with Specialization or Minor degree will depend on the specific area chosen by the student from the structure outlined below:

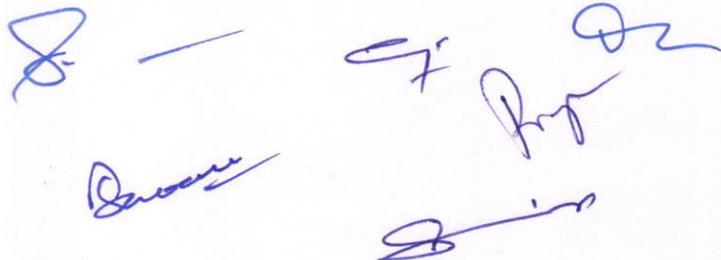
1) **NPTEL Domain certification**

(<https://nptel.ac.in/domains/discipline/>) / (<https://swayam.gov.in/explorer>).

NPTEL offers various sub-domains in different disciplines such as Aerospace Engineering, Agriculture Engineering, Architecture, Biotechnology and Bioscience / Bioengineering, Chemical Engineering, Civil Engineering, Computer Science, Electrical Engineering, Mechanical Engineering, and Metallurgical & Materials Engineering, Humanities and Social Sciences, Management, Mathematics, Sports Sciences.

OR/and

- 2) The list approved by the respective BOS and Academic Council of the engineering discipline through the "Online Learning Courses provided through SWAYAM platform



as per the AICTE (Credit Framework for online learning Course through SWAYAM) Regulations, 2016. However, in future, these courses can be replaced/modified by the Institute with the approval of the Board of Studies/Academic Council, and courses offered by the Institute/University or other MOOCs platforms for such purpose can also be included as per the prevailing conditions. Any such change will be properly notified to the students.

Guidelines:

1. For Honours with Specilization/Minor Degree, a student must earn at least 18-20 Additional credits.
2. For “Honours with Specilization”, a student must earn additional credits from their parent branch/ discipline of study only.
3. For “Minor Degree”, a student must earn additional credits from a discipline other than one’s parent branch/ discipline of study only.
4. A student can choose the subjects which were not studied earlier in the previous semester. These additional credit subjects shall not be part of the regular curriculum, and these subjects must be approved by the respective department BoS and Academic Council. Furthermore, the subjects should not be present in the curriculum of the forthcoming semesters.
5. Credits for the 4-week course is-1, for 8 weeks course is-2, and for 12 weeks course is-3.
6. A student must ensure that he/she earn these additional credits before the completion of the regular course.
7. It is the student’s responsibility to register for the courses ONLINE, and the required registration fee shall be borne by the respective student.
8. Students must register for the courses with the approval of the Head of the Department/Department MOOC Coordinator.
9. A student is eligible to opt for either “Honours with Specilization” or “Minor Degree”, but not for both.
10. The department can propose a new subject(s) if any of the listed equivalent subjects are not available in MOOCs, with the approval of the Board of Studies and Academic Council.

APPENDIX-II

Department of Technical Education, Haryana
Admission Brochure for B.E./B.Tech. Program
Session 2025-26
(Subject to change as per guidelines/directions of AICTE and State Govt)
CHAPTER-3

ELIGIBILITY AND BASIS OF ADMISSION

3.1 Minimum Academic Qualifications for B.Tech. 1st year

Should be passed 10+2 examination with Physics/ Mathematics/ Chemistry/ Computer Science/ Electronics/ Information Technology/ Biology/ Informatics Practices/Biotechnology/ Technical Vocational subject/ Agriculture/ Engineering Graphics/ Business Studies/ Entrepreneurship as per table below:

Table 1: For Undergraduate Engineering Entry Level Qualification 10+2 Level

S. No.	Major Disciplines	Mandatory courses at 10+2 Level	Other relevant course (s) for this discipline
1.	Aeronautical Engg.	Physics, Chemistry, Mathematics	NA
2.	Agriculture Engineering**	Physics, Chemistry OR Agriculture stream	Mathematics/Biology/Biotechnology/Agriculture/ Agriculture stream
3.	Architecture	As per the Norms of the Council of Architecture (CoA)	
4.	Planning	Mathematics	For the remaining two courses, select any courses out of 14#
5.	Biotechnology**	Physics, Chemistry	Select any one from Bio/Biotechnology/Mathematics
6.	Ceramic Engineering	Physics, Chemistry, Mathematics	NA

7.	Civil Engineering	Physics, Chemistry, Mathematics	NA
8.	Computer Science and Engineering	Physics, Mathematics	For the remaining single course, select any courses out of 14#
9.	Chemical Engineering	Physics, Chemistry, Mathematics	NA
10.	Dairy Engineering	Physics, Chemistry, Mathematics	NA
11.	Electrical Engineering	Physics, Mathematics	For the remaining single course, select any courses out of 14#
12.	Energy Engineering	Physics, Chemistry, Mathematics	NA
13.	Electronics Engineering	Physics, Mathematics	For the remaining single course, select any courses out of 14#
14.	Mechanical Engineering	Physics, Chemistry, Mathematics	NA
15.	Fire and Safety Engineering	Physics, Chemistry, Mathematics	NA
16.	Food Engineering	Chemistry	For the remaining two courses, select any courses out of 14#
17.	Leather Technology	Chemistry	For the remaining two courses, select any courses out of 14#
18.	Marine Engineering	Physics, Chemistry, Mathematics	NA
19.	Metallurgy Engineering	Physics, Chemistry, Mathematics	NA
20.	Military Engineering	Physics, Chemistry, Mathematics	NA
21.	Mining Engineering	Physics, Chemistry, Mathematics	NA
22.	Nano Technology	Physics, Chemistry, Mathematics	NA
23.	Nuclear Science and Technology	Physics, Chemistry, Mathematics	NA
24.	Packaging Technology	Nil	Select any courses out of 14#
25.	Pharmaceutical Engineering**	Physics, Chemistry	Select any one form Bio/Biotechnology/Mathematics
26.	Printing Engineering**	Physics, Chemistry	For the remaining single course, select any courses out of 14#
27.	Textile Engineering	Physics, Chemistry, Mathematics	NA
28.	Fashion Technology	Nil	Select any courses out of 14#
29.	Textile Chemistry	Chem	For the remaining two courses, select any courses out of 14#

** First one or two Semesters may be so designed that students with a Biology/Biotechnology background have adequate courses on Mathematics and Vice Versa, and then the class is at the level of the studying field for the rest of the semesters.

Physics/ Mathematics / Chemistry/ Computer Science/ Electronics/ Information Technology/ Biology/ Informatics Practices/ Biotechnology/ Technical Vocational subject/ Agriculture/ Engineering Graphics/ Business Studies/ Entrepreneurship

Obtained at least 45% marks (40% marks in case of candidates belonging to the reserved category) in the above subjects taken together.

OR

Passed D.Voc. Stream in the same or allied sector.

(The Universities will offer suitable bridge courses such as Mathematics, Physics, Engineering drawing, etc., for the students coming from diverse backgrounds to prepare Level playing field and desired learning outcomes of the program).

OR

Passed minimum 3 years Diploma Examination with at least 45% marks (40% marks in case of candidates belonging to reserved category) subject to vacancies in the First Year, in case the vacancies at lateral entry are exhausted.

3.2 Minimum Academic Qualifications for Admission to 2nd year (3rd Semester) of B.Tech. Courses:

a) Passed Minimum THREE years / TWO years (Lateral Entry) Diploma examination with at least 45% marks (40% marks in case of candidates belonging to reserved category) in ANY branch of Engineering and Technology.

OR

b) Passed B.Sc. Degree from a recognized University as defined by UGC, with at least 45% marks (40% marks in case of candidates belonging to reserved category) and passed 10+2 examination with Mathematics as a subject.

OR

c) Passed B.Voc/3-year D.Voc. Stream in the same or allied sector

(The Universities will offer suitable bridge courses such as Mathematics, Physics, Engineering drawing, etc., for the students coming from diverse backgrounds to achieve the desired learning outcomes of the program).

d) For Kashmiri Migrants (KM), relaxation in cut-off percentage up to 10%, subject to minimum eligibility requirement.

