GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, HISAR
(Established by State Legislature Act 17 of 1995)
`A+' Grade, NAAC Accredited State Govt. University

Ordinance governing UG/ 5 years Integrated UG/PG Programmes (Multidisciplinary) Scheme-A, Scheme-B, Scheme-C and Scheme-D for University Teaching Departments (UTD's) as per NEP-2020 as well list of pools of Discipline Specific Courses (DSC), Ability Enhancement Courses (AEC), Multidisciplinary Courses (MDC), Minor Courses (MIC), Skill Enhancement Courses (SEC), Value Added Courses (VAC) and Vocational Courses (VOC) for the academic session 2024-25.

(University Teaching Departments)

Guru Jambheshwar University of Science and Technology, Hisar
(Established by State Legislature Act 17 of 1995)
(A+ Grade NAAC Accredited)

No. Acad./AC-I/2024/ *6660 – 6700*
Dated: *24/x/24*

To
1. All Deans of Faculties
2. All Chairpersons of the University Teaching Departments & Director, HSB GJUST, Hisar

Sub: Ordinance governing UG/ 5 Years Integrated UG/PG Programmes (Multidisciplinary) Scheme-A, Scheme-B, Scheme-C and Scheme-D for University Teaching Departments (UTDs) as per National Education Policy-2020 as well as list of pools of Discipline Specific Courses (DSC), Ability Enhancement Courses (AEC), Multidisciplinary Courses (MDC), Minor Courses (MIC), Skill Enhancement Courses (SEC), Value Added Courses (VAC) and Vocational Courses (VOC) for the academic session 2024-25.

Sir/ Madam,

I am directed to inform you that the Vice-Chancellor, under Section 11(5) of the University Act,1995 in anticipation approval of the Academic Council and Executive Council, is pleased to approve the proceedings of the NEP Committee held on 26.09.2024 alongwith Ordinance governing UG/ 5 Years Integrated UG/PG Programmes (Multidisciplinary) Scheme-A, Scheme-B, Scheme-C and Scheme-D for University Teaching Departments (UTDs) as per National Education Policy-2020 as well as list of pools of Discipline Specific Courses (DSC), Ability Enhancement Courses (AEC), Multidisciplinary Courses (MDC), Minor Courses (MIC), Skill Enhancement Courses (SEC), Value Added Courses (VAC) and Vocational Courses (VOC) for preparation of Scheme and Syllabi of UG/ 5 Years Integrated UG/PG Programmes for implementation of NEP-2020 and admission process w.e.f. the academic session 2024-25 at University Teaching Departments (copy enclosed).

Further, the following groups of regular programmes of University Teaching Departments have been made for AEC and accordingly the AEC will be taught by the University Teaching Departments:

Groups for AEC Courses (I-IV Semesters)

Group – 1
1. Integrated B.Sc. (Physical Sciences)-M.Sc. Physics
2. Integrated B.Sc. (Physical Sciences)-M.Sc. Chemistry
3. Integrated B.Sc. (Physical Sciences)-M.Sc. Mathematics
4. Integrated B.Sc. (Life Sciences)-M.Sc. (Biotech/Microbio/Botany/Zoology)
5. Integrated B.A. (Hons./Hons. with Research)-M.A. Mass Communication
6. Integrated BBA-MBA
7. Integrated BCA-MCA

Group – 2
1. Integrated B.Sc. (Hons./Hons with Research)-M.Sc. Computer Science (AI and DS)
2. Integrated B.Sc. (Hons./Hons. with Research)-M.Sc. Economics
3. Integrated B.Sc. (Hons./Hons. with Research)-M.Sc. Geography
4. Integrated B.Sc. (Hons./Hons. with Research)-M.Sc. Psychology
5. Integrated B.Sc. (Hons./Hons. with Research)-M.Sc. in Yoga Science and Therapy
6. Integrated B.Sc. (Hons./Hons. with Research)-M.Sc. Food Technology
7. Integrated B.Com.-M.Com.
8. B.Sc. Aviation

Note: For Programmes specified under Group I and II, the AECs are to be opted as mentioned below:

AEC Name	Offered by	Programmes specified under	Semester
English for Effective Communication I	Dept. of English and Foreign Languages	Group 1	Sem. I
		Group 2	Sem. II
English and Effective Communication II #	Dept. of English and Foreign Languages	Group 1, B.Sc. M.I.T.	Sem III
		Group 2	Sem IV
हिन्दी भाषा का व्याकरणिक ज्ञान	Dept. of Hindi	Group 2	Sem I
		Group 1	Sem II
संचार कौशल #	Dept. of Hindi	Group 2	Sem III
		Group 1, B.Sc. M.I.T.	Sem. IV

\#   In Semester III and IV, the students have the option of doing AECs from MOOC on any other Indian or Foreign Language.

In addition to above, the following groups of regular programmes of University Teaching Departments have been made of VAC and accordingly VAC will be taught by the University Teaching Departments

Groups for VAC Courses (I-II Semesters)

<u>Group – 3</u>
1. Integrated B.Sc. (Physical Sciences)-M.Sc. Physics
2. Integrated B.Sc. (Physical Sciences)-M.Sc. Chemistry
3. Integrated B.Sc. (Physical Sciences)-M.Sc. Mathematics
4. Integrated B.Sc. (Life Sciences)-M.Sc. (Biotech/Microbio/Botany/Zoology)
5. Integrated B.A. (Hons./Hons. with Research)-M.A. Mass Communication
6. Integrated BBA-MBA
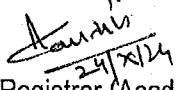7. Integrated BCA-MCA

<u>Group – 4</u>
1. Integrated B.Sc. (Hons./Hons with Research)-M.Sc. Computer Science (AI and DS)
2. Integrated B.Sc. (Hons./Hons. with Research)-M.Sc. Economics
3. Integrated B.Sc. (Hons./Hons. with Research)-M.Sc. Geography
4. Integrated B.Sc. (Hons./Hons. with Research)-M.Sc. Psychology
5. Integrated B.Sc. (Hons./Hons. with Research)-M.Sc. in Yoga Science and Therapy
6. Integrated B.Sc. (Hons./Hons. with Research)-M.Sc. Food Technology
7. Integrated B.Com.-M.Com.
8. B.Sc. Aviation

Note: For Programmes specified under Group 3 and 4, the VACs are to be opted as mentioned below:

VAC Name	Offered by	Programmes specified under	Semester
Environmental Studies – I	Dept. of Environmental Sciences and Engineering	Group 3	Sem. I
		Group 4	Sem. II

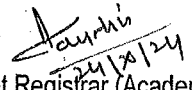You are, therefore, requested to take necessary action, accordingly.

Yours faithfully

Assistant Registrar (Academic)
For Registrar

DA/As above

Endst. No. Acad./AC-I/2024/ _6701 - 6708_   Dated: _24/X/24_

A copy of the above is forwarded to the following for kind information and necessary action:-

1.   Dean Academic Affairs, GJUST, Hisar

2.   Dean of Colleges, GJUST, Hisar

3.   Controller of Examinations, GJUST, Hisar

4.   Assistant Registrar (Registration), GJUST, Hisar

5.   Assistant Registrar (Colleges), GJUST, Hisar

6.   OSD to Vice-Chancellor (for kind information of the Vice-Chancellor), GJUST, Hisar.

7.   Secretary to Registrar (for kind information of the Registrar), GJUST, Hisar

8.   Internal set AC-III, Academic Branch, GJUST, Hisar

Assistant Registrar (Academic)
For Registrar

Guru Jambheshwar University of Science and Technology
Hisar-125001, Haryana
('A+' NAAC Accredited State Govt. University)

Ordinance governing UG/5 years Integrated UG-PG Programme (Multidisciplinary)
as per National Education Policy-2020

SCHEME-A for UTDs
(UG Certificate, UG Diploma, Bachelor Degree, PG Diploma and Master Degree)
SEMESTER SYSTEM
Under Learning Outcome Based Curriculum Framework-Choice Based Credit System
(LOCF-CBCS) as per NEP-2020
(w.e.f. Session 2024-25)

1. Scope

This Ordinance is based on National Education Policy-2020 (NEP-2020), Learning Outcome Based Curriculum Framework-Choice Based Credit System (LOCF-CBCS) and is according to the Curriculum and Credit Framework for UG Programmes and Curriculum and Credit Framework for PG Programmes of University Grants Commission and as per Memo No. DHE-170005/5/2023-Deputy Director-NPE dated June 8, 2023 regarding implementation of the key components of NEP-2020 in Colleges and Universities.

(i) The duration of the programme for the award of Undergraduate Certificate in Discipline will be one academic year and of Undergraduate Diploma in Discipline will be two academic years. The duration of Bachelor Degree in discipline will be three academic years. The duration of PG Diploma in the subject is four years programme and Master degree in the subject is five years. Each academic year will be divided into two semesters i.e., July to December and January to June. There shall be teaching of 15 weeks/90 days in each semester.

(ii) The nomenclature of the Certificate/Diploma/Degree will be as under:

    (a) UG Certificate in Arts or UG Certificate in Physical Sciences or UG Certificate in Life Sciences

    (b) UG Diploma in Arts or UG Diploma in Physical Sciences or UG Diploma in Life Sciences

    (c) Bachelor of Arts or Bachelor of Science in Physical Sciences or Bachelor of Science in Life Sciences

    (d) PG Diploma in <subject>.

    (e) Master of Arts <subject>, Master of Science <subject>

2. Key Terms

(i) **Learning Outcome based Curriculum Framework (LOCF):** The learning outcomes of the programme (POs) are mapped against well-defined Course Outcomes (COs).

(ii) **Choice Based Credit System (CBCS):** The CBCS provides choices to students to select disciplinary, multidisciplinary and interdisciplinary courses to fit into their own requirements and to learn at their own pace within the framework.

(iii) **Programme:** A programme is made up of courses/subjects and leads to the award of a UG Certificate or UG Diploma or Bachelor Degree or PG Diploma or Master Degree after completing requisite courses successfully.

(iv) **Course/Subject**: A course/subject refers to components of a programme. A course/subject may comprise of lectures/tutorials/practicum or laboratory work/field practice/project work/seminar/community engagement and service/internship/dissertation, etc. or any combination of these.

(v) **Credit**: A unit by which the course work is measured. It determines the number of hours of instructions required per week over the duration of one semester. For calculation of the teaching hours, one credit means one hour of lecture or one hour of tutorial or one hour of seminar or two hours of practicum/laboratory work per week over the duration of a semester.

(vi) **Lecture**: Component of a course/subject which is taught by a teacher through lectures covering the contents of a course/subject.

(vii) **Tutorial**: Component of a course/subject which involves problem-solving, learning through discussions and remedial teaching related to the contents and periphery of a course/subject with the direct involvement of a teacher.

(viii) **Practicum**: A course/subject or a component of a course/subject which enables students to learn or to attain skills or to get procedural knowledge for the contents of a course/subject through practical/laboratory activity/project and to apply the studied principles/theory/ concepts related to the chosen field of learning, work/vocation, or professional practice in the field of learning, under the supervision of a teacher.

(ix) **Seminar**: A course/subject or a component of a course/subject which makes students to learn a specific topic through in-depth exploration and analysis of facts about the topic in a set-up that involves presentation, interactive discussions and collaborative learning under the supervision of a teacher.

(x) **Internship**: A course/subject requiring students to participate in professional employment-related activity or work experience or co-operative education activity with an entity external to the educational institution normally under the supervision of an employee of an organization or an individual professional. A key aspect of the internship is induction into actual, formal and organized work situations. Internship involves working with local industry (Government or Private organizations), business establishments, artists, craft persons, etc. to provide opportunities for students to actively engage in on-site experiential learning.

(xi) **Studio Activity**: A studio activity involves engagement of students in creative, artistic or experimental activities involving visual, digital, audio, video and other professional experiential work.

(xii) **Field Work/Practice/Survey/Project**: A course/subject or a component of course/subject which enables students to participate in field-based learning/project, involving application of knowledge in solving/analyzing/exploring a real-life situation/problem under the supervision of a teacher/mentor.

(xiii) **Project Work**: A course/subject or a component of a course/subject which facilitates students to apply their knowledge, skills and critical thinking ability to complete a specific task in a given time frame through conceptualization, exploration and analysis of research-based activities to suggest tangible solutions for a given problem related to the chosen field of learning.

(xiv) **Community Engagement and Service**: A course/subject or a component of a course/subject which exposes the students to the socio-economic issues prevailing in society so that the theoretical learning can be supplemented by actual life experiences to understand and generate solutions to real-life problems.

(xv) **N+2** (where N stands for normal duration of the programme having duration of one to two years)/ **N+3** (where N stands for normal duration of the programme having duration of three to five years).

3 Courses

(i) **Discipline Specific Courses (DSC)**: A major course/subject as discipline specific course is the field in which a student focuses for understanding and skills majorly in the chosen field of learning contributing to the core of the programme. This may include Core, Elective and Skill-enhancement courses/Practicum.

(ii) **Minor Courses (MIC)**: Minor course/subject aims to expand student's knowledge beyond the major field of study. A student will study MIC in a subject other than the subject of Discipline Specific Courses. This will also include **Vocational Course (VOC)** that will assists student in developing work-force relevant skills through practical work and enhances the employability of student.

(iii) **Multidisciplinary Courses (MDC)**: These courses are based on introductory knowledge in a subject. A student will study MDC in a subject other than the subject of Discipline Specific and Minor subjects/courses to gain knowledge across the disciplines.

(iv) **Ability Enhancement Courses (AEC)**: These courses aim at enabling the students to achieve competency in the English language or Modern Indian Languages (MIL) other foreign language with special emphasis on language and communication skills.

(v) **Skill Enhancement Courses (SEC)**: These courses aim at imparting practical skills, hands-on training, soft skills, etc. to enhance the employability of students.

(vi) **Value-Added Courses (VAC)**: These courses aim at enabling the students to acquire and demonstrate the acquisition of knowledge and understanding of human values, Indian Knowledge System (IKS), contemporary India, environmental science and education, digital and technical solutions, health and wellness, yoga education, sports and fitness, etc.

4 Evaluation terms

(i) **Letter Grade**: It is an index of the performance of a student in a course. Grades are denoted by letters O, A+, A, B+, B, C, P, F and Ab depending on the score earned in that course.

(ii) **Grade Point**: It is a numerical value allotted to each letter grade on a 10-point scale.

(iii) **Credit Point**: It is the product of grade point and number of credits for a course.

(iv) **Semester Grade Point Average (SGPA)**: It is a measure of performance of a student in a semester. It is the ratio of total credit points secured by a student in all the courses registered in a semester to the total of the credits of the courses taken during that semester. It shall be expressed up to two digits after decimal place.

(v) **Cumulative Grade Point Average (CGPA)**: It is a measure of overall cumulative performance of a student in a programme over all the semesters. The CGPA is the ratio of total credit points secured by a student in all the courses of the programme to the sum of the total credits of all the courses of the programme. It shall be expressed up to two digits after decimal place.

(vi) **Detailed-Grade-Certificate**: Based on the grades earned, a grade certificate shall be issued to all the registered students after every semester. The Detailed-Grade-Certificate (DGC) will display the course details (code, title, number of credits, grade secured) along with SGPA of that semester.

5 Academic Bank of Credits (ABC)

5 **Academic Bank of Credits (ABC)**: It is a virtual/digital mechanism that contains information of the credits earned by individual students throughout their learning journey in Higher Education Institutions in India recognized by UGC. The Automated Permanent Academic Account Registry (APAAR) ID is also being introduced as a pivotal component. The APAAR ID serves as a lifelong academic passport, consolidating all achievements and credential of a student in one place. This will help enabling students mobility across higher education institution.

6 Programme Duration and Multiple Exit Options

All programmes shall be offered as per UGC list of 'Specification of Degree' prevailing from time to time. The programme duration and options for multiple entry and exit will be as per UG Curriculum Framework– Scheme-A (*Appendix-I; Table-1*).

(i) A student will be allowed an exit option after passing first academic year of the UG Programme with requisite 52 credits including the 4 credits of internship of minimum of 4 weeks duration as per scheme of the programme and will be awarded an **Undergraduate Certificate in the discipline** (Arts/Physical Sciences/Life Sciences/etc.) (*Appendix-I; Table-2*).

(ii) A student will be allowed an exit option after passing two academic years of the UG Programme with requisite 96 credits including the 4 credits of internship of minimum of 4 weeks duration as per scheme of the programme and will be awarded **Undergraduate Diploma in the discipline** (Arts/ Physical Sciences/Life Sciences/etc.) (*Appendix-I; Table-2*).

(iii) A student will be awarded with **Bachelor degree in the discipline** (Arts/Physical Sciences/Life Sciences/etc.) after successfully completing three academic years of UG Programme and earning requisite 132 credits including the 4 credits of internship of minimum of 4 weeks duration as per scheme of the programme (*Appendix-I; Table-2*).

(iv) A student will be awarded with **PG Diploma in <subject>** after successfully completing four academic years of and earning requisite 176 credits including the 4 credits of internship of minimum of 4 weeks duration as per scheme of the programme (*Appendix-I; Table-2*).

(v) A student will be awarded with **Master degree in <subject>** after successfully completing five academic years of UG-PG Programme and earning requisite 220 credits including the 4 credits of internship of minimum of 4 weeks duration as per scheme of the programme (*Appendix-I; Table-2*).

7 Admission to a UG/ 5 years Integrated UG-PG Programme under Multiple Entry

(i) The Department shall declare approved total number of seats available discipline-wise each year for fresh and lateral admissions.

(ii) The Department can plan the number of seats discipline-wise in consonance with the faculty and infrastructure available.

(iii) A student can pursue two Undergraduate/Postgraduate Programme simultaneously through Open and Distance Learning (ODL)/online mode; or combinations of ODL, online and regular modes, from the same or different Universities/Institutions duly approved by the UGC/AICTE/Regulatory Body/Central Government/State Government, in various combinations, viz.

- A student can pursue two full-time UG/UG-PG/PG Programme in physical mode provided that in such cases, class timings and examination schedule for one programme do not overlap with the class timings and examination schedule of the other programme, and requirements under clause 7(iv) are fulfilled. The Department/ University shall not be responsible for any such overlapping and consequences thereof.

- A student can pursue two UG/UG-PG/PG Programme, one in full-time physical mode and another in ODL/online mode; or up to two ODL/online programmes simultaneously.

(iv) **Minimum Eligibility Conditions for Admission**

A candidate who has passed Senior Secondary Certificate Examination (Class XII level) of the Board of School Education, Haryana; or any other examination recognized as

equivalent thereto with minimum passing marks in aggregate with English as one of the subjects, shall be eligible to join First Semester of the Undergraduate (UG) Programme. In addition, the following conditions, if applicable should also be satisfied:

- to opt for Mathematics as a DSC, the candidate must have passed Mathematics as a subject in the qualifying examination.
- to opt for Chemistry as a DSC, the candidate must have passed Chemistry as a subject in the qualifying examination.
- to opt for Physics as a DSC, the candidate must have passed Physics as a subject in the qualifying examination
- to opt for subject(s) in the discipline of Life Sciences, which consists of Botany, Zoology as a one or more than one subject(s), then the candidate must have passed Class XII with Biology as a subject.
- to opt for subjects of Physical Sciences discipline as Major subject(s), the candidate must have passed respective subjects in the qualifying examination.

Further, eligibility conditions for admission to a programme shall be applicable as mentioned in the scheme of the concerned programme.

Note: Eligibility conditions are subject to change according to the implementation of National Curriculum Framework (NCrF) for school education or in accordance with any such guidelines issued by the Central/State Government or issued by University from time to time.

(v)   The student opting for exit must inform in writing to the Department by 30th June of every year. The student is allowed multiple entry into a UG Programme. For example, the student can re-enter into second year of a programme if she/he has taken an exit option after first year. Similarly, re-entry into the third year is allowed if exit option was exercised by a student after getting UG Diploma. In any case, the gap between the exit and the re-entry into the UG-PG Programme should not be more than two years subject to completion of the whole UG-PG Programme within eight years. Multiple entry shall be allowed in a Department subject to the availability of seats in the concerned programme in that year in that Department. In case of re-entry, the scheme and syllabus currently running will be applicable.

(vi)   Lateral admissions against sanctioned vacant seats may be filled by the Department category wise following the State Govt. norms for reservation in an odd semester. Lateral admission may be provided in the 3rd, 5th, 7th and 9th semesters if a student has passed all the preceding examinations up to 2nd, 4th, 6th and 8th semesters, respectively of the concerned programme under NEP Curriculum Framework. However, this will be subject to fulfilment of other eligibility conditions for the programme in which the admission is sought.

First preference in the lateral admission will be given to the students of that Department who had taken exit from that programme and are seeking re-entry into the same institution, for this a cut-of-date will be notified by Department.

8 Subjects/Courses of UG/UG-PG Programmes
(i)   A student of UG/UG-PG Programme (Multidisciplinary), herein after called Scheme-A, will select three subjects/courses A, B and C in the first year out of the pool of subjects in that discipline offered by the Department as Discipline Specific Subjects/Courses. Minor subject/course is to be offered preferably from the same discipline and will be different from three subjects/courses which are opted as

Discipline Specific Subjects/Courses. Any subject/course in a discipline can be a Discipline Specific or Minor subject/course for a UG-PG programme. In case of Physical Sciences and Life Sciences disciplines, if the Minor Subject/course cannot be offered from the same discipline by the Department, then the Discipline Specific Subject/course may be offered from either of the two disciplines. For example, if the Department is unable to offer a Minor subject/course from the discipline of Life Sciences, other than three subjects Botany, Zoology and Chemistry which have been offered as three Major subjects/courses, then Department can offer any subject/course from the discipline of Physical Sciences as a Minor Subject.

(ii)   A student will study Discipline Specific, Minor, Minor (Vocational), AEC, VAC, SEC and MDC courses as per Curriculum Framework Scheme-A (*Appendix-I; Table 1*).

(iii) For Ist and 2nd semester of UG-PG Programme (Multidisciplinary) (Scheme-A), a student can choose a Minor Course of 2 credit from the pool of Minor subjects/courses from that discipline as offered by the Department in that semester. The same minor subject be studied in subsequent semesters.

From 3rd semester onwards, a Minor Course will be of 4 credits and will be taken from the pool of the offered Minor Courses of that subject which was chosen in the first and second semesters.

(iv)   A student will study three Multidisciplinary Courses (MDCs) in first three semesters. The Multidisciplinary Courses (MDCs) will be from the subject/course which is different from the Discipline Specific and Minor subjects/courses. Students are not allowed to choose or repeat courses already undergone at the Senior Secondary Level (Class XII) or Discipline Specific and Minor subjects/courses under this category. Provided further that if a Multidisciplinary Course (MDC) across the discipline cannot be offered by the Department, due to its constraints and available resources, then

  • A subject from the same discipline can be offered as MDC course if that subject also belongs to the list of subjects of some other discipline.
  • MDC can be opted out of MOOCs through SWAYAM.
  • MDC can be completed out of online course(s) offered by GJUST.

Note: The student himself/herself has to pay the requisite fee and/or re-appear fee as applicable from time to time. Department shall not be responsible for any issue(s) related to MOOCs, online course(s) or else.

(v)   A student will select AEC, SEC, VAC and Minor (Vocational) courses from a pool of respective courses offered in Department.

Depending upon the availability of faculty and infrastructure, a Department may offer AEC, SEC, VAC and Minor (Vocational) courses from the respective pool of courses duly approved by the University. University will review and revise such pools from time to time by taking proposals of Department into consideration.

(vi)   A student will study VAC– 'Environmental Studies' which is mandatory and at least one SEC to gain computer competency before exit. The number of these courses will be offered by the Department according to the availability of faculty and infrastructure.

(vii) In the subjects/courses which involve practicum, i.e., Practical/Laboratory/Studio/ Project/ Survey/Field work, etc., a course of 4 credits will dedicate 3 credits for lectures and one credit for practicum or 4 credits for lectures. In other

subjects/courses not having practicum component, a course of 4 credits will dedicate 3 credits for lectures and 1 credit for tutorial or 4 credits for lectures.

In extreme case, if the practicum course is offered as a separate course in that subject, all the credits will be dedicated to practicum.

In the case, when tutorial of 1 credit is not adopted/implemented in a subject, then all the credits of that course will be dedicated to lectures only.

(viii) In case of AEC and VAC of 2 credits, the entire 2 credits will be allocated to lectures.

(ix) The SEC of 3 credit may either be 3 credits of Lectures or 2 credit Lectures and 1 credit practicum/Seminar/tutorial or 3 credits practicum.

(x) In case of Minor (Vocational) courses/subjects, where practicum component is dominant, a course of 4 credits may allocate 2 credits to lectures and 2 credits to practicum. Similarly, a course of 4 credits may be divided into 2 credits of lectures and 2 credits of practicum in the subjects where the practicum component of the course is major and teaching-learning process mainly depends upon practicum, e.g. Music and Fine/Commercial Arts.

9 Contact hours/workload

The weekly contact hours/workload for theory/practical/laboratory/studio/project/survey/ field work, etc. components of the courses will be:

(i)   1 credit theory/tutorial = 1 hour;

(ii)   1 credit practical/laboratory/studio/project/survey/field work = 2 hours.

(iii)   The tutorial and practical/laboratory/studio/project/survey/field work will be conducted in groups of students and one group will comprise of 15-20 students.

10 Exit option

When a student decides to continue for the second year and does not opt exit option after the second semester then she/he will select one of the following options before the beginning of 3rd semester.

(i)   Continue with Scheme-A or

(ii)   Shift to 5 years Integrated UG-PG Programme with Single Major Subject/Course (Scheme-B).

(iii)   In the case when a student opts for second option i.e., Scheme-B, then the ordinance of Scheme-B shall be applicable from third semester onwards.

In the case when a student opts for UG-PG programme with single major (Scheme-B), then she/he has to select the single major out of the three major subjects undertaken in first and second semester.

11 Online Courses

With the permission of Department, a student can opt for online courses (at own level), up to 40% of the courses of the programme except Discipline Specific Courses and Skill Enhancement courses, through online platform SWAYAM or online courses offered by GJUST, Hisar or through other such online platforms approved by the UGC as per university guidelines prevailing time to time.

12 Internship

Every student for the UG/UG-PG Programme shall be required to undergo 4 credits internship of minimum of 4 weeks duration before taking an exit or completing the degree programme.

(i) A student for the UG/UG-PG Programme shall be required to undergo internship during summer vacation either after the second semester examination or after the fourth semester examination. If she/he opts to exit with Undergraduate Certificate in the discipline, then it shall be obligatory to complete the internship after second semester examination.

However, for those students who have taken lateral entry into the third semester and have completed internship of minimum of 4 weeks duration during first year, the internship is not required after the fourth semester examination.

(ii) A student will inform and get approval from the Chairperson of the Department before going for an internship. The internship will involve working with local industry (Government or Private organizations/ Institutions), business establishments, artists, craft persons, or a professional (individual/organization). Student will submit a copy of the report (a hard copy and a soft copy in PDF) to the Department within 15 days after the completion of internship. A student must submit a certificate of attendance and work done report from the organization/professional where the internship was done. The evaluation of the internship shall be done by a committee comprising of at least two senior teachers appointed by the Chairperson of the Department. Marks will be awarded by the committee out of 100 marks on the basis of the report and viva-voce examination.

(iii) The internship will be governed by the prevailing rules of the University from time to time.

13 Medium of Instructions and Examination

(i) For all subjects, the medium of instructions shall be mainly English. Hindi medium will also be offered wherever feasible and approved by the university. The question paper shall be set in English. Bilingual question paper (s) will be provided, wherever possible and approved by the university. The students can write their answers in English/Hindi depending on the medium of instructions and language of the course content/syllabus, except in the case of

- English, in which the questions shall be set in English.
- Sanskrit, in which the questions shall be set in Sanskrit.
- Other languages, in which the questions shall be set in the language concerned.

(ii) The students shall write their answers:

- in English, in case of English language
- in the language concerned, in the case of Modern Indian Languages
- English in the case of other subjects.

(iii) For Physical Sciences/Life Sciences Subjects/Courses, the medium of instructions shall be mainly English. Hindi medium may be offered wherever feasible and approved by the university. The question paper shall be set in English. Bilingual question paper (s) will be provided, wherever feasible and approved by the university. The students can write their answers in English/Hindi.

Note: The certificate for medium of instruction if required by the student will be issued by the Chairperson of the concerned Department.

14 Programme and Course Learning Outcomes

Individual programmes of study will have well defined learning **Programme Outcomes (POs)** which should be attained for the award of a specific Certificate/Diploma/Degree.

Each course will have well defined learning **Course Outcomes (COs)** specific to the learning for a given course of study related to a disciplinary or interdisciplinary/multi-disciplinary area. Course Outcomes (COs) will be mapped to Programme Outcomes (POs). The attainment of Course Outcomes will lead to the attainment of the Programme Outcomes.

15 Assessment and Evaluation

(i) Student Progression and Mentoring

Each student shall be examined in the course(s) to check their progression through the programme as laid down in the scheme, syllabus and learning outcomes through a system of Continuous Comprehensive Assessment (CCA) using a mix of Internal and End-Term evaluation.

- Internal Assessment will be broadly 30% of the total marks and weightage of 70% shall be given to evaluation of End-Term examination(s).
- Internal Assessment (30%) shall be broadly based on the following defined components: Class Participation; Seminar/Presentation/Assignment/Quiz/Class Test, etc. in case of Theory examination and Seminar/Demonstration/Viva-Voce/Lab record, etc. in case of Practical examination; Mid-Term Exam.
- The students who have failed in Internal Assessment/Minor Test will have to get aggregate forty percent marks in the End-Semester examination with no option of improvement of internal assessment.
- Internal Assessment Marks will be further distributed as per following tables:

Course Composition- Theory/(Theory +Tutorial)			
Course Credit	**Internal**	**End-Term Exam**	**Total Marks**
2	15	35	50
3	25	50	75
4	30	70	100

Course Composition- Theory + Practical						
Course Credit		**Theory**		**Practical**		**Total Marks**
Theory	Practical	Internal Marks	External Marks	Internal Marks	External Marks	
2	1	15	35	10	15	75
3	1	20	50	10	20	100
2	2	15	35	15	35	100
0	3	-	-	25	50	75
0	4	-	-	30	70	100

Total Internal Marks (Theory)	Class participation	Seminar/Presentation/ Assignment/ Quiz/Class Test, etc.	Mid-term exam
15	5	-	10
20	5	5	10
25	5	5	15
30	5	10	15

Total Internal Marks (Practicum)	Class participation	Seminar/Presentation/ Assignment/ Quiz/Class Test, etc.	Mid-term exam
10	5	5	-
15	5	10	-
25	5	10	10
30	5	10	15

- A student has to obtain minimum 40% marks (Grade 'P') in End-Term Examination and in aggregate (sum of the Internal Assessment and End-Term Examination marks) separately to qualify a course.

(ii) The pass percentage will be 40% (Grade 'P') both for theory and practicum End-Term Examination.

(iii) The Chairperson shall ensure uploading of the Internal Assessment marks before the commencement of the End-Term Semester Examinations on the examination portal of the University or as notified by the Controller of Examinations of the University.

(iv) Internal Assessment marks of a course shall be carried forward in case of re-appear examination of that course.

(v) The Chairperson shall preserve the record on the basis of which the Internal Assessment awards have been prepared, for inspection, if needed by the university for one year from the date of declaration of semester examination results.

16 Eligibility for Examination

End-Term Examination shall be open to a regular student who

(i)   has been on the rolls of the Department during the semester.

(ii)   has passed the requisite qualifying examination as laid down above, if she/he is a candidate for the First Semester Examination.

(iii) has her/his examination form submitted to the Examinations Branch through the Chairperson of the concerned Department.

(iv)   has attended not less than 75% of the lectures in a course. This requirement shall be fulfilled separately for each course of the programme. A deficiency in the prescribed course (Lectures/Practicum, etc.) may be condoned by the Chairperson/Principal/ Director of the Department in deserving cases up to 15% (excluding 2% additional for Girl/Women student).

(v)   These shall also include loss of attendance due to 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 condonation on this ground up to 10% in each paper on a certificate from the Dean/Director, Sports/Youth Welfare/Cultural Affairs, Placement Cell, NSS, ANO, NCC, YRC 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 condonation on all counts, falls below 50%.

(vi)   Provided that a candidate who has not attended the requisite percentage of lectures/practicum shall not be eligible to take the End-Term Examination in the concerned theory/practicum unless she/he repeats the course and obtains requisite attendance.

17 Duration for Passing the Programme

(i) A student can complete a UG-PG degree programme within eight years. A student who fails to pass the whole examination(s) of a UG-PG programme within eight years of admission to the programme, shall be awarded Undergraduate Certificate/Diploma/Bachelor degree/PG Diploma on the basis of qualified courses as per credit point, if eligible *(Appendix-I; Table 2)*.

(ii) Each student will have to open an Academic Bank of Credit (ABC) account immediately for admission or during admission if admitted. At the end of each semester, credits earned by the students will be uploaded in her/his respective ABC account. A student registered in ABC account for a programme will be allowed to complete the respective programme within eight years or as per the time period stipulated in the ABC for accumulation of credits from time to time or within the period as prescribed by the university for the purpose.

(iii) The maximum duration of course will be determined on the basis of N+2 or N+3 as the case may be.

18 Conditions for Promotion to Higher Semester and Rules for Re-appear

(i) A student who has appeared and failed in one or more courses of the First Semester shall be allowed to study for and appear in the second semester. Such a student may pursue her/his studies for the next higher semester(s) and appear in the examination(s) for the same along with the examination for the lower semester(s) i.e. up to 6th semester.

(ii) There will be no condition of passing papers for promotion to higher semester/year in any academic programme up to 6th semester/3rd year, but for promotion to 7th semester/4th year a student must have to pass his/her 1st semester/1st year and for promotion to 8th semester, the 1st semester and the 2nd semester must be passed by the student concerned, subject to fulfilment of other conditions as prescribed in the ordinance to appear in the examination. For promotion to 9th semester/5th year a student must have to pass his/her 3rd semester/2nd year and for promotion to 10th semester, the 3rd semester and the 4th semester must be passed by the student concerned, subject to fulfilment of other conditions as prescribed in the ordinance to appear in the examination. However, the candidate will have to complete the degree within the maximum period allowed under the ordinance.

Provided that after completion of regular studies for the whole duration of a programme, the candidate will be allowed to appear in examination as an ex-student/private for the re-appear/left out courses under the permissible chances, within the prescribed time period to complete the programme.

(iii) A candidate who could not complete or has failed in a project/internship, she/he will get only one chance to repeat the project work/internship at the end of the next Semester. Further, if the candidate still fails or remains absent in the project/internship, then she/he will not be eligible for the award of the concerned UG Certificate/Diploma/Degree.

(iv) Grant of Mercy Chance is allowed within maximum duration of programme i.e. N+2 (where N stands for normal duration of the programme having duration of one to two years)/ N+3 (where N stands for normal duration of the programme having

duration of three to five years) to a student who got re-appear and has availed two chances (with normal fee) and one special chance with enhanced fee as decided by the University from time to time to clear the re-appear paper(s) of a particular semester/year. Such mercy chance candidates will have to pay a fee of Rs. 5000/- per paper subject to maximum of Rs. 10000/- per semester/year as the case may be and the candidate will have to appear in the examination as and when to be conducted for that particular semester.

19 Examinations and Result

(i) End-Term Examinations for the odd semesters shall normally be held in November/December and for the even semesters in May/June, on such dates as may be notified by the Controller of Examinations from time to time.

(ii) Supplementary examinations will be held for Re-appear candidates as under:

Semester	When held
Odd Semester	Along with the First, Third, Fifth, Seventh and Nineth Semester
Even Semester	Along with the Second, Fourth, Sixth, Eight and Tenth Semester

(iii) The last date(s) by which the examination forms shall be uploaded on the examination portal shall be as per the schedule notified by the Controller of Examinations from time to time.

(iv) The amount of examination fee to be paid by a student for each semester shall be as prescribed by the University from time to time.

(v) The minimum Semester Grade Point Average (SGPA) to qualify a semester shall be 4.00 and minimum Cumulative Grade Point Average (CGPA) required for the award of the UG Certificate/Diploma/Degree shall be 4.00.

(vi) The Examination Branch shall prepare the Grade/Result and the Controller of Examinations will notify the same.

(vii) If a student is not able to pass any semester examination during her/his regular studies in the programme, her/his pass credits will be accumulated in the Academic Bank of Credits (ABC) and she/he can pass the deficient courses any time within eight years or as stipulated in the Academic Bank of Credits from time to time.

(viii) A student who discontinues her/his studies at any point of time may be permitted to re-join the programme of study and complete balance credits as per university rules.

(ix) **Academic Performance**

The academic performance will be determined on the basis of Letter Grades and Grade Points, and displayed in displayed in final Detailed Grade Certificate (DGC). Award of grades and the corresponding grade points will be based on absolute marks as per the following table:

Letter grade	Grade Point	Percent Marks
O (Outstanding)	10	>85
A+ (Excellent)	9	>75 to 85
A (Very Good)	8	>65 to 75
B+ (Good)	7	>55 to 65
B (Above Average)	6	>50 to 55
C (Average)	5	>40 to 50
P (Pass)	4	40

F (Fail)	0	< 40
Ab	0	Absent

- The overall percentage of marks and the divisions will be determined by multiplying the SGPA or CGPA, as the case may be, by 10. The classification of division will be as under:
  First Division with Distinction: If percentage of marks is 85 or more in first attempt or through re-evaluation of any answer sheet of main examination.
  First Division: If percentage of marks is 60 or more and less than 85.
  Second Division: If percentage of marks is 50 or more and less than 60.
  Third Division: If percentage of marks is less than 50.

- A candidate eligible to take the examination obtaining Grade 'F'/'Ab' will be considered to have failed in the examination/course(s). Such a student will be required to re-appear in that examination/course(s) within the permissible chances.

20 Computation of SGPA and CGPA

The following shall be the procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

(i) The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a candidate in all the courses taken by the candidate in a semester to the sum of the number of credits of all the courses undertaken by the candidate in that semester, i.e.

$$SGPA \ (Si) = \frac{\Sigma(Ci \ x \ Gi)}{\Sigma Ci}$$

where C_i is the number of credits of the ith course and G_i is the grade point.

(ii) The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$CGPA \ (Si) = \frac{\Sigma(Ci \ x \ Si)}{\Sigma Ci}$$

where S_i is the SGPA of the ith semester and C_i is the total number of credits in that semester.

(iii) The SGPA and CGPA shall be rounded off to 2 digits after decimal place and shall be reported in the Detail-Grade-Certificate (DGC).

A merit list will be prepared for a programme and University Medal will be awarded to a candidate who secures highest CGPA (rounded off to 2 digits after decimal place) with at lest First Division and stands first in the entire programme examination in the first attempt or through re-evaluation of any answer sheet of main examination. In case, when more than one student have the same CGPA, then University Medal shall be decided on the basis of actual obtained marks in the programme. Further, if the actual marks obtained are same than the candidate higher in age will be considered for award of University Medal.

21 Improvement

(i) A candidate who has passed a UG Programme from GJUST, Hisar and took exit and is desirous of improving her/his CGPA in the respective programme (Certificate/Diploma/Degree), will be allowed to appear within next four Semester examinations of passing the sixth semester examination to appear as an ex-student in

13

one or more theory course(s) of any one or two parts, out of Part-I (Semester I & II), Part-II (Semester III & IV) and Part-III (Semester V & VI) separately in four consecutive semester examinations and shall pay examination fee as for the whole semester examination in which she/he opts to appear.

(ii) A candidate who has passed a UG-PG Programme from GJUST, Hisar and is desirous of improving her/his CGPA, will be allowed to appear within next four Semester examinations of passing the tenth semester examination to appear as an ex-student in one or more theory course(s) of any one or two parts, out of Part-IV (Semester VII & VIII) and Part-V (Semester IX & X) separately in four consecutive semester examinations and shall pay examination fee as for the whole semester examination in which she/he opts to appear.

(iii) The result of improvement examinations shall be declared only if a candidate improves her/his CGPA of the respective programme. Provided further that if a student does not want to avail the remaining chances out of permissible four total chances for improvement, then she/he will submit an undertaking to this effect for declaration of her/his final result. The fact that student has improved the performance/grade shall be mentioned in the Detailed-Grade-Certificate (DGC).

(iv) Improvement shall not be allowed in Internal Assessment/Practical/Internship/ Field Work/Project/Seminar/Studio etc.

(v) Those candidates who have taken migration certificate from this University will not be eligible for appearing in improvement examination.

The rules, syllabus and fees for improvement examinations shall be applicable as prevailing at that time or as prescribed by the university from time to time.

22 **Award of Grace Marks**
Grace marks will be awarded according to the university rules prevailing from time to time.

23 The ordinance in force at the time a student joins the programme shall hold good only for the examination held during or at the end of that academic 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 the students whether old or new.

24 (i) In the event of any inconsistency in the rules or any clarification thereof, the matter shall be referred to the Vice-Chancellor for interpretation, whose decision shall be final. The Vice-Chancellor is also competent to remove any inconsistency/make amendment in rules at any time and decide which provision shall take precedence over the other.

(ii) The Vice-Chancellor is authorized to make changes/amendments in the ordinance of different Schemes for effective implementation of Curriculum and Credit Framework of Undergraduate and Integrated 5 years Programmes under National Education Policy 2020.

(iii) Notwithstanding anything mentioned above, the Vice-Chancellor can relax any rule in exceptional cases or when situation demands so.

25 Transitory Provision

Students admitted to UG/Integrated Programmes under semester system in Department prior to the academic session 2023-24/2024-25 shall be governed by the old rules as applicable for that programme for that session. The present rules shall be applicable to the students who take admission in a programme according to Curriculum and Credit Framework for UG Programme (CCFUGP) and Curriculum and Credit Framework for PG Programmes of UGC as per NEP-2020 w.e.f. the academic session 2023-24/2024-25.

Table 1: UG/Integrated Programmes (Multidisciplinary): Scheme-A

Semester	Discipline Specific Courses (DSC)			Minor/Courses (MIC) including Vocational Courses (VOC)	Multidisciplinary Courses (MDC)	Ability Enhancement Course (AEC)	Skill Enhancement Course (SEC)	Value Added Courses (VAC)	Total credits	Exit option
I	DSC-A1 4 credits	DSC-B1 4 credits	DSC-C1 4 credits	MIC-1 2 credits	MDC-1 3 credits	AEC-1 2 credits	SEC-1 3 credits	VAC-1 2 credits	24	Under Graduate Certificate in Discipline with 52 credits
II	DSC-A2 4 credits	DSC-B2 4 credits	DSC-C2 4 credits	MIC-2 2 credits	MDC-2 3 credits	AEC-2 2 credits	SEC-2 3 credits	VAC-2 2 credits	24	
	Internship of 4 credits of 4 weeks duration after 2nd semester									
III	DSC-A3 4 credits	DSC-B3 4 credits	DSC-C3 4 credits	MIC-3 4 credits	MDC-3 3 credits	AEC-3 2 credits	SEC-3 3 credits		24	Under Graduate Diploma in Discipline with 96 credits
IV	DSC-A4 4 credits	DSC-B4 4 credits	DSC-C4 4 credits	MIC-4 (VOC) 4 credits		AEC-4 2 credits		VAC-3 2 credits	20	
	Internship of 4 credits of 4 weeks duration after 4th semester (if not done after 2nd semester)									
V	DSC-A5 4 credits	DSC-B5 4 credits	DSC-C5 (VOC) 4 credits	MIC-5 (VOC) 4 credits			Internship# 4 credits		20	Bachelor in Discipline with 132 credits
VI	DSC-A6 4 credits	DSC-B6 4 credits	DSC-C6 4 credits	MIC-6 4 credits MIC-7 (VOC) 4 credits					20	
	72 credits			24 credits	9 credits	8 credits	9 credits + Internship 4 credits	6 credits	132	

Four credits of internship completed by a student during summer after 2nd semester or 4th semester, will be taken into account in 5th semester of a student who pursue 5-year UG-PG Programme without taking exit option.

Fourth year

Discipline Specific Courses

Semester	Core	Elective	Practicum	Seminar/Value Added Course/Open Elective/Employability & Entrepreneurship Skills Course	Total credits	Degree to be awarded
VII	DSC-M1 4 credits DSC-M2 4 credits DSC-M3 4 credits	DSC-M4 4 credits	DSC-M5 (P)	2 credits	22	
VIII	DSC-M6 4 credits DSC-M7 4 credits DSC-M8 4 credits	DSC-M9 4 credits	DSC-M10 (P) 2 credits		22	PG Diploma in <subject> with 176 Credits

Fifth year

Discipline Specific Courses

Semester	Core	Elective	Practicum	Seminar/Value Added Course/Open Elective/Employability & Entrepreneurship Skills Course	Total credits	Degree to be awarded
IX	DSC-M11 4 credits DSC-M12 4 credits DSC-M13 4 credits	DSC-M14 4 credits	DSC-M15 (P) 4 credits	2 credits	22	
X	DSC-M16 4 credits DSC-M17 4 credits DSC-M18 4 credits	DSC-M19 4 credits	DSC-M20 (P) 4 credits	2 credits	22	Master of Arts/Science <subject> with 220 Credits

OR Fifth year

Semester	Core	Elective	Practicum	Seminar/Value Added Course/Open Elective/Employability & Entrepreneurship Skills Course	Total credits	Degree to be awarded
IX	DSC-M11 4 credits DSC-M12 4 credits DSC-M13 4 credits	DSC-M14 4 credits	DSC-M15 (P) 4 credits	2 credits	22	
X	DSC-M16 4 credits DSC-M17 4 credits		Project/Dissertation 12 credits	2 credits	22	Master of Arts/Science <subject> with 220 Credits

Table 2: Credit Point Table for UG/5-Year UG-PG Programme (Multidisciplinary): Scheme-A

Sr. No.	Courses	Credits earned after					
		First year	Second year	Third year	Fourth year	Fifth year	
1	Discipline Specific Course (DSC)	24	48	72	112	152	140
2	Minor Course (MIC) including Vocational Courses (VOC)	4	12	24	24	24	
3	Multidisciplinary Courses (MDC)	6	9	9	9	9	
4	Ability Enhancement Courses (AEC)	4	8	8	8	8	
5	Skill Enhancement Courses (SEC)	6	9	9	9	9	
6	Value Added Courses (VAC)	4*	4*	4	4	6	6
7	Internship						12
8	Research				4	8	8
9	Seminar/Value Added Course/Open Elective/ Employability & Entrepreneurship Skills Course						
	Total	52	96	132	176	230	220

*added in case of exit from programme

Notes for Tables:

i. A student of UG/UG-PG Programme (Multidisciplinary) will select three subjects A, B and C in the first year out of the pool of subjects in that discipline offered by the Department as Discipline Specific Course. Minor course can be offered from the same discipline and is different from three subjects opted as Major Subjects of that discipline. In case of Physical Sciences and Life Sciences disciplines, the Minor Subject/Course may be offered either from the same discipline or Physical Science/Life Science discipline.

ii. A student will study Discipline Specific Couse and Minor Course from the discipline in which the admission was taken as per the scheme of the programme.

iii. A student will study AEC, VAC, SEC, MDC and Minor (Vocational) Courses from the respective pools of the courses offered by Department duly approved by the University.

v. For 1st and 2nd semester of UG/UG-PG Programme (Multidisciplinary), a student can choose a Minor course of 2 credit from the pool of Minor courses offered by the Department in that semester.

vi. From 3rd semester onwards, a Minor course will be of 4 credits and will be taken out of the offered Minor courses of a subject offered by Department in that semester.

vii. A student will opt for MDC from the course/subject which is different from the discipline of major subjects and should also be different from the courses undergone at senior secondary level (Class XII).

viii. A student of UG-PG programme (Multidisciplinary) will select one subject in the PG programme in the fourth year offered by the Department as Discipline Specific Course.

Guru Jambheshwar University of Science and Technology
Hisar-125001, Haryana
('A+' NAAC Accredited State Govt. University)

**Ordinance governing UG/5 years Integrated UG-PG Programme (Multidisciplinary)
with major from third semester
as per National Education Policy-2020**

SCHEME-B for UTDs
**(UG Certificate, UG Diploma, Bachelor Degree in discipline with major in <subject>,
BA/BSc (Hons./Hons. with Research) in <subject>, MA/MSc <subject> programme)**
SEMESTER SYSTEM
**Under Learning Outcome Based Curriculum Framework-Choice Based Credit System
(LOCF-CBCS) as per NEP-2020**
(w.e.f. Session 2024-25)

1. Scope

This Ordinance is based on National Education Policy-2020 (NEP-2020), Learning Outcome Based Curriculum Framework-Choice Based Credit System (LOCF-CBCS) and is according to the Curriculum and Credit Framework for UG Programmes and Curriculum and Credit Framework for PG Programmes of University Grants Commission and as per Memo No. DHE-170005/5/2023-Deputy Director-NPE dated June 8, 2023 regarding implementation of the key components of NEP-2020 in Colleges and Universities.

(i)   The duration of the programme for the award of Undergraduate Certificate in Discipline will be one academic year and of Undergraduate Diploma with major in the subject will be two academic years. The duration of Bachelor Degree in discipline with major in the subject will be three academic years. The duration of Bachelor Degree (Hons./Hons. with Research) in the subject is four years programme and Master degree in the subject is five years. Each academic year will be divided into two semesters i.e., July to December and January to June. There shall be teaching of 15 weeks/90 days in each semester.

(ii)   The nomenclature of the Certificate/Diploma/Degree will be as under:

(a) UG Certificate in Arts or UG Certificate in Physical Sciences or UG Certificate in Life Sciences
(b) UG Diploma in <Major subject>
(c) Bachelor of Arts with major in <Major subject>
     OR
     Bachelor of Science with major in <Major subject>
(d) Bachelor of Arts (Hons./Hons. with Research) in <Major subject>
     OR
     Bachelor of Science (Hons./Hons. with Research) in <Major subject>
(e) Master of Arts <subject> (one year)
     OR
     Master of Science <subject> (one year)

2. Key Terms

(i) **Learning Outcome based Curriculum Framework (LOCF):** The learning outcomes of the programme (POs) are mapped against well-defined Course Outcomes (COs).

(ii) **Choice Based Credit System (CBCS):** The CBCS provides choices to students to select disciplinary, multidisciplinary and interdisciplinary courses to fit into their own requirements and to learn at their own pace within the framework.

(iii) **Programme:** A programme is made up of courses/subjects and leads to the award of a UG Certificate or UG Diploma or Bachelor Degree or Bachelor Degree (Hons./Hons. with Research) or Master Degree after completing requisite courses successfully.

(iv) **Course/Subject:** A course/subject refers to components of a programme. A course/subject may comprise of lectures/tutorials/practicum or laboratory work/field practice/project work/seminar/community engagement and service/internship/ dissertation, etc. or any combination of these.

(v) **Credit:** A unit by which the course work is measured. It determines the number of hours of instructions required per week over the duration of one semester. For calculation of the teaching hours, one credit means one hour of lecture or one hour of tutorial or one hour of seminar or two hours of practicum/laboratory work per week over the duration of a semester.

(vi) **Lecture:** Component of a course/subject which is taught by a teacher through lectures covering the contents of a course/subject.

(vii) **Tutorial:** Component of a course/subject which involves problem-solving, learning through discussions and remedial teaching related to the contents and periphery of a course/subject with the direct involvement of a teacher.

(viii) **Practicum:** A course/subject or a component of a course/subject which enables students to learn or to attain skills or to get procedural knowledge for the contents of a course/subject through practical/laboratory activity/project and to apply the studied principles/theory/ concepts related to the chosen field of learning, work/vocation, or professional practice in the field of learning, under the supervision of a teacher.

(ix) **Seminar:** A course/subject or a component of a course/subject which makes students to learn a specific topic through in-depth exploration and analysis of facts about the topic in a set-up that involves presentation, interactive discussions and collaborative learning under the supervision of a teacher.

(x) **Internship:** A course/subject requiring students to participate in professional employment-related activity or work experience or co-operative education activity with an entity external to the educational institution normally under the supervision of an employee of an organization or an individual professional. A key aspect of the internship is induction into actual, formal and organized work situations. Internship involves working with local industry (Government or Private organizations), business establishments, artists, craft persons, etc. to provide opportunities for students to actively engage in on-site experiential learning.

(xi) **Studio Activity:** A studio activity involves engagement of students in creative, artistic or experimental activities involving visual, digital, audio, video and other professional experiential work.

(xii) **Field Work/Practice/Survey/Project:** A course/subject or a component of course/subject which enables students to participate in field-based learning/project, involving application of knowledge in solving/analysing/exploring a real-life situation/problem under the supervision of a teacher/mentor.

(xiii) **Project Work:** A course/subject or a component of a course/subject which facilitates students to apply their knowledge, skills and critical thinking ability to complete a specific task in a given time frame through conceptualization, exploration and

analysis of research-based activities to suggest tangible solutions for a given problem related to the chosen field of learning.

(xiv) **Dissertation**: Dissertation is a comprehensive report of the work done in a research project/field work/survey, based on a systematic and rigorous investigation of the chosen topic utilizing research methods.

(xv) **Community Engagement and Service**: A course/subject or a component of a course/subject which exposes the students to the socio-economic issues prevailing in society so that the theoretical learning can be supplemented by actual life experiences to understand and generate solutions to real-life problems.

(xvi) **N+2** (where N stands for normal duration of the programme having duration of one to two years)/ **N+3** (where N stands for normal duration of the programme having duration of three to five years).

3 Courses

(i) **Discipline Specific Courses (DSC)**: A major course/subject as discipline specific course is the field in which a student focuses for understanding and skills majorly in the chosen field of learning contributing to the core of the programme. This may include Core, Elective and Skill-enhancement courses/Practicum.

(ii) **Minor Courses (MIC)**: Minor course/subject aims to expand student's knowledge beyond the major field of study. A student will study MIC in a subject other than the subject of Discipline Specific Courses. This will also include **Vocational Course (VOC)** that will assists student in developing work-force relevant skills through practical work and enhances the employability of student.

(iii) **Multidisciplinary Courses (MDC)**: These courses are based on introductory knowledge in a subject. A student will study MDC in a subject other than the subject of Discipline Specific and Minor subjects/courses to gain knowledge across the disciplines.

(iv) **Ability Enhancement Courses (AEC)**: These courses aim at enabling the students to achieve competency in the English language or Modern Indian Languages (MIL) other foreign language with special emphasis on language and communication skills.

(v) **Skill Enhancement Courses (SEC)**: These courses aim at imparting practical skills, hands-on training, soft skills, etc. to enhance the employability of students.

(vi) **Value-Added Courses (VAC)**: These courses aim at enabling the students to acquire and demonstrate the acquisition of knowledge and understanding of human values, Indian Knowledge System (IKS), contemporary India, environmental science and education, digital and technical solutions, health and wellness, yoga education, sports and fitness, etc.

4 Evaluation terms

(i) **Letter Grade**: It is an index of the performance of a student in a course. Grades are denoted by letters O, A+, A, B+, B, C, P, F and Ab depending on the score earned in that course.

(ii) **Grade Point**: It is a numerical value allotted to each letter grade on a 10-point scale.

(iii) **Credit Point**: It is the product of grade point and number of credits for a course.

(iv) **Semester Grade Point Average (SGPA)**: It is a measure of performance of a student in a semester. It is the ratio of total credit points secured by a student in all the courses registered in a semester to the total of the credits of the courses taken during that semester. It shall be expressed up to two digits after decimal place.

(v) **Cumulative Grade Point Average (CGPA)**: It is a measure of overall cumulative performance of a student in a programme over all the semesters. The CGPA is the ratio of total credit points secured by a student in all the courses of the programme to the sum of the total credits of all the courses of the programme. It shall be expressed up to two digits after decimal place.

3

(vi) **Detailed-Grade-Certificate:** Based on the grades earned, a grade certificate shall be issued to all the registered students after every semester. The Detailed-Grade-Certificate (DGC) will display the course details (code, title, number of credits, grade secured) along with SGPA of that semester.

5 Academic Bank of Credits (ABC): It is a virtual/digital mechanism that contains information of the credits earned by individual students throughout their learning journey in Higher Education Institutions in India recognized by UGC. The Automated Permanent Academic Account Registry (APAAR) ID is also being introduced as a pivotal component. The APAAR ID serves as a lifelong academic passport, consolidating all achievements and credential of a student in one place. This will help enabling students mobility across higher education institution.

6 Programme Duration and Multiple Exit Options

All programmes shall be offered as per UGC list of 'Specification of Degree' prevailing from time to time. The programme duration and options for multiple entry and exit will be as per UG/PG Curriculum Framework– Scheme-B (*Appendix-I; Table-1*).

(i) A student will be allowed an exit option after passing first academic year of the UG/UG-PG Programme with requisite 52 credits including the 4 credits of internship of minimum of 4 weeks duration as per scheme of the programme and will be awarded an Undergraduate Certificate in the discipline (Arts/Physical Sciences/Life Sciences/etc.) (*Appendix-I; Table-2*).

(ii) A student will be allowed an exit option after passing two academic years of the UG/UG-PG Programme with requisite 96 credits including the 4 credits of internship of minimum of 4 weeks duration as per scheme of the programme and will be awarded Undergraduate Diploma in <Major subject> (*Appendix-I; Table-2*).

(iii) A student will be awarded with **Bachelor degree in the discipline** with major in Major subject after successfully completing three academic years of UG/UG-PG Programme and earning requisite 136 credits including the 4 credits of internship of minimum of 4 weeks duration as per scheme of the programme (*Appendix-I; Table-2*).

(iv) A student, who has successfully completed three years UG/UG-PG Programme (Single Major from Third Semester) and has earned minimum 60 credits in the Major subject, can opt for Honours Programme in that subject in the fourth year. If the Department allows to continue the student or admits the student for fourth year of Honours Programme, then the student will be awarded with Bachelor degree (Honours) in the Major subject after successfully completing four academic years of UG/UG-PG Programme and earning requisite 184 credits including the 4 credits of internship of duration 4 weeks as per scheme of the programme (Appendix-I; Table-2).

(v) A student, who has successfully completed three years UG/UG-PG Programme (Single Major from Third Semester) and has earned minimum 60 credits in the major subject and obtained CGPA of 7.5 or more, can opt for Honours with Research Degree Programme in that subject in the fourth year. If a student opts to continue or is admitted by the Department to Honours with Research Programme in the fourth year, then the student will be awarded with Bachelor Degree (Honours with Research) in the Major subject after successfully completing four academic years of UG/UG-PG Programme and earning requisite 184 credits including the 4 credits of internship of duration 4 weeks and 12 credit of Project/Dissertation as per scheme of the programme (*Appendix-I; Table-2*)

(vi) A student will be awarded with **Master degree in <subject>** (one year) after successfully completing five academic years of UG-PG Programme and earning

४

requisite 228 credits including the 4 credits of internship of minimum of 4 weeks duration as per scheme of the programme (*Appendix-I; Table-2*).

7 Admission to a UG/5 years Integrated UG-PG Programme under Multiple Entry

(i)   The Department shall declare approved total number of seats available discipline-wise each year for fresh and lateral admissions.

(ii)   The Department can plan the number of seats discipline-wise in consonance with the faculty and infrastructure available.

(iii)   A student can pursue two Undergraduate/Postgraduate Programme simultaneously through Open and Distance Learning (ODL)/online mode; or combinations of ODL, online and regular modes, from the same or different Universities/Institutions duly approved by the UGC/AICTE/Regulatory Body/Central Government/State Government, in various combinations, viz.

- A student can pursue two full-time UG and/or PG Programme in physical mode provided that in such cases, class timings and examination schedule for one programme do not overlap with the class timings and examination schedule of the other programme, and requirements under clause 7(iv) are fulfilled. The Department/University shall not be responsible for any such overlapping and consequences thereof.
- A student can pursue two UG and/or PG Programme, one in full-time physical mode and another in ODL/online mode; or up to two ODL/online programmes simultaneously.

(iv)   **Minimum Eligibility Conditions for Admission**

A candidate who has passed Senior Secondary Certificate Examination (Class XII level) of the Board of School Education, Haryana; or any other examination recognized as equivalent thereto with minimum passing marks (as prescribed in the University Prospectus from time to time) in aggregate with English as one of the subjects, shall be eligible to join First Semester of the Undergraduate (UG) Programme. In addition, the following conditions, if applicable should also be satisfied:

- to opt for Mathematics as a DSC, the candidate must have passed Mathematics as a subject in the qualifying examination.
- to opt for Chemistry as a DSC, the candidate must have passed Chemistry as a subject in the qualifying examination.
- to opt for Physics as a DSC, the candidate must have passed Physics as a subject in the qualifying examination
- to opt for subject(s) in the discipline of Life Sciences, which consists of Botany, Zoology as a one or more than one subject(s), then the candidate must have passed Class XII with Biology as a subject.
- to opt for subjects of Physical Sciences discipline as Major subject(s), the candidate must have passed respective subjects in the qualifying examination.

Further, eligibility conditions for admission to a programme shall be applicable as mentioned in the scheme of the concerned programme.

Note: Eligibility conditions are subject to change according to the implementation of National Curriculum Framework (NCrF) for school education or in accordance with any such guidelines issued by the Central/State Government or issued by University from time to time.

(v)   The student opting for exit must inform in writing to the Department by 30th June of every year. The student is allowed multiple entry into a UG-PG Programme. For

example, the student can re-enter into second year of a programme if she/he has taken an exit option after first year. Similarly, re-entry into the third year is allowed if exit option was exercised by a student after getting UG Diploma. In any case, the gap between the exit and the re-entry into the UG-PG Programme should not be more than two years subject to completion of the whole UG-PG Programme within eight years. Multiple entry shall be allowed in the Department subject to the availability of seats in the concerned programme in that year in that Department. In case of re-entry, the scheme and syllabus currently running will be applicable.

(vi) Lateral admissions against sanctioned vacant seats may be filled by the Department category wise following the State Govt. norms for reservation in an odd semester. Lateral admission may be provided in the 3rd, 5th, 7th and 9th semesters if a student has passed all the preceding examinations up to 2nd, 4th, 6th and 8th semesters, respectively of the concerned programme under NEP Curriculum Framework. However, this will be subject to fulfilment of other eligibility conditions for the programme in which the admission is sought.

First preference in the lateral admission will be given to the students of that Department who had taken exit from that programme and are seeking re-entry into the same institution, for this a cut-of-date will be notified by Department.

8 Subjects/Courses of UG/UG-PG Programmes

(i) A student of UG/UG-PG Programme (Multidisciplinary; single major from third semester), herein after called Scheme-B, will select three subjects/courses A, B and C in the first year out of the pool of subjects in that discipline offered by the Department as Discipline Specific Subjects/Courses. Minor subject/course is to be offered preferably from the same discipline and will be different from three subjects/courses which are opted as Discipline Specific Subjects/Courses. Any subject/course in a discipline can be a Discipline Specific or Minor subject/course for Aug/ UG-PG programme. In case of Physical Sciences and Life Sciences disciplines, if the Minor Subject/course cannot be offered from the same discipline by the Department, then the Discipline Specific Subject/course may be offered from either of the two disciplines. For example, if the Department is unable to offer a Minor subject/course from the discipline of Life Sciences, other than three subjects Botany, Zoology and Chemistry which have been offered as three Major subjects/courses, then Department can offer any subject/course from the discipline of Physical Sciences as a Minor Subject.

(ii) A student will study Discipline Specific, Minor, Minor (Vocational), AEC, VAC, SEC and MDC courses as per Curriculum Framework Scheme-B (*Appendix-1; Table 1*).

(iii) For I^{st} and 2nd semester of UG-PG Programme (Multidisciplinary; single major from third semester)) (Scheme-B), a student can choose a Minor Course of 2 credit from the pool of Minor subjects/courses from that discipline as offered by the Department in that semester. The same minor subject be studied in subsequent semesters.

From 3rd semester onwards, a Minor Course will be of 4 credits and will be taken from the pool of the offered Minor Courses of that subject which was chosen in the first and second semesters.

(iv) A student will study three Multidisciplinary Courses (MDCs) in first three semesters. The Multidisciplinary Courses (MDCs) will be from the subject/course which is different from the Discipline Specific and Minor subjects/courses. Students are not allowed to choose or repeat courses already undergone at the Senior Secondary Level (Class XII) or Discipline Specific and Minor subjects/courses under this category.

Provided further that if a Multidisciplinary Course (MDC) across the discipline cannot be offered by the Department, due to its constraints and available resources, then

- A subject from the same discipline can be offered as MDC course if that subject also belongs to the list of subjects of some other discipline.
- MDC can be opted out of MOOCs through SWAYAM.
- MDC can be completed out of online course(s) offered by GJUST.

Note: The student himself/herself has to pay the requisite fee and/or re-appear fee as applicable from time to time. Department shall not be responsible for any issue(s) related to MOOCs, online course(s) or else.

(v)   A student will select AEC, SEC, VAC and Minor (Vocational) courses from a pool of respective courses offered in Department.

Depending upon the availability of faculty and infrastructure, a Department may offer AEC, SEC, VAC and Minor (Vocational) courses from the respective pool of courses duly approved by the University. University will review and revise such pools from time to time by taking proposals of Department into consideration.

(vi)   A student will study VAC– 'Environmental Studies' which is mandatory and at least one SEC to gain computer competency before exit. The number of these courses will be offered by the Department according to the availability of faculty and infrastructure.

(vii)   In the subjects/courses which involve practicum, i.e., Practical/Laboratory/Studio/ Project/ Survey/Field work, etc., a course of 4 credits will dedicate 3 credits for lectures and one credit for practicum or 4 credits for lectures. In other subjects/courses not having practicum component, a course of 4 credits will dedicate 3 credits for lectures and 1 credit for tutorial or 4 credits for lectures.

In extreme case, if the practicum course is offered as a separate course in that subject, all the credits will be dedicated to practicum.

In the case, when tutorial of 1 credit is not adopted/implemented in a subject, then all the credits of that course will be dedicated to lectures only.

(viii) In case of AEC and VAC of 2 credits, the entire 2 credits will be allocated to lectures.

(ix)   The SEC of 3 credit may either be 3 credits of Lectures or 2 credit Lectures and 1 credit practicum/Seminar/tutorial or 3 credits practicum.

(x)   In case of Minor (Vocational) courses/subjects, where practicum component is dominant, a course of 4 credits may allocate 2 credits to lectures and 2 credits to practicum. Similarly, a course of 4 credits may be divided into 2 credits of lectures and 2 credits of practicum in the subjects where the practicum component of the course is major and teaching-learning process mainly depends upon practicum, e.g. Yoga, etc.

9 Contact hours/workload

The weekly contact hours/workload for theory/practical/laboratory/studio/project/survey/ field work, etc. components of the courses will be:

(i)   1 credit theory/tutorial = 1 hour;

(ii)   1 credit practical/laboratory/studio/project/survey/field work = 2 hours.

(iii)   The tutorial and practical/laboratory/studio/project/survey/field work will be conducted in groups of students and one group will comprise of 15-20 students.

10 Online Courses

With the permission of Department, a student can opt for online courses (at own level), up to 40% of the courses of the programme except Discipline Specific Courses and Skill Enhancement courses, through online platform SWAYAM or online courses offered by

7

GJUST, Hisar or through other such online platforms approved by the UGC as per university guidelines prevailing time to time.

11 Internship

Every student for the UG/UG-PG Programme shall be required to undergo 4 credits internship of minimum of 4 weeks duration before taking an exit or completing the degree programme.

(i) A student for the UG/UG-PG Programme shall be required to undergo internship during summer vacation either after the second semester examination or after the fourth semester examination. If she/he opts to exit with Undergraduate Certificate in the discipline, then it shall be obligatory to complete the internship after second semester examination.

However, for those students who have taken lateral entry into the third semester and have completed internship of minimum of 4 weeks duration during first year, the internship is not required after the fourth semester examination.

(ii) A student will inform and get approval from the Chairperson of the Department before going for an internship. The internship will involve working with local industry (Government or Private organizations/ Institutions), business establishments, artists, craft persons, or a professional (individual/organization). Student will submit a copy of the report (a hard copy and a soft copy in PDF) to the Department within 15 days after the completion of internship. A student must submit a certificate of attendance and work done report from the organization/professional where the internship was done. The evaluation of the internship shall be done by a committee comprising of at least two senior teachers appointed by the Chairperson of the Department. Marks will be awarded by the committee out of 100 marks on the basis of the report and viva-voce examination.

(iii) The internship will be governed by the prevailing rules of the University from time to time.

12 Project/Dissertation

A student of fourth-year Bachelor Degree (Honours with Research) programme will be required to work on the Research Project or do research during eighth semester. The Project/Dissertation work will be of 12 credits.

(i) A student, who has been admitted in a Honours with Research programme, shall submit a request for allotment of supervisor mentioning her/his research areas of interest in order of preference to the Chairperson during seventh semester. The Department shall allot a qualified supervisor to guide the student for doing research during Project/Dissertation work. A regular full-time teacher of that Department, who is eligible to supervise Ph.D. scholars as per ordinance of Doctor of Philosophy of the university, will be eligible to guide the students of Honours with Research Programme.

(ii) The student will submit the synopsis to the supervisor. The synopsis will be approved by the Departmental Research Committee after recommendation of the supervisor. External experts may be involved wherever sufficient qualified regular teachers are not available.

(iii) The student shall be required to submit three hard copies of her/his dissertation along with soft copy as PDF file to the Department by 30th June of the concerned year. The late submission can be allowed with late fees as decided by the university from time to time.

(iv) The Anti-plagiarism policy of the university is to be strictly followed by the candidate and the supervisor. Similarity report as per anti-plagiarism policy of the university is to be annexed with the dissertation.

(v) Evaluation of the dissertation shall be done by an external examiner. The dissertation work will be of total 12 credits (300 marks) and evaluation will be done in two components; report of dissertation (200 marks) and open viva-voce examination (100 marks).

13 Medium of Instructions and Examination

(i) For all subjects, the medium of instructions shall be mainly English. Hindi medium will also be offered wherever feasible and approved by the university. The question paper shall be set in English. Bilingual question paper (s) will be provided, wherever possible and approved by the university. The students can write their answers in English/Hindi depending on the medium of instructions and language of the course content/syllabus, except in the case of

*   English, in which the questions shall be set in English.
*   Sanskrit, in which the questions shall be set in Sanskrit.
*   Other languages, in which the questions shall be set in the language concerned.

(ii) The students shall write their answers:
*   in English, in case of English language
*   in the language concerned, in the case of Modern Indian Languages
*   English in the case of other subjects.

Note: The certificate for medium of instruction if required by the student will be issued by the Chairperson of the concerned Department.

(iii) For Physical Sciences/Life Sciences Subjects/Courses, the medium of instructions shall be mainly English. Hindi medium may be offered wherever feasible and approved by the university. The question paper shall be set in English. Bilingual question paper (s) will be provided, wherever feasible and approved by the university. The students can write their answers in English/Hindi.

14 Programme and Course Learning Outcomes

Individual programmes of study will have well defined learning **Programme Outcomes (POs)** which should be attained for the award of a specific Certificate/Diploma/Degree.

Each course will have well defined learning **Course Outcomes (COs)** specific to the learning for a given course of study related to a disciplinary or interdisciplinary/multi-disciplinary area. Course Outcomes (COs) will be mapped to Programme Outcomes (POs). The attainment of Course Outcomes will lead to the attainment of the Programme Outcomes.

15 Assessment and Evaluation
(i) Student Progression and Mentoring

Each student shall be examined in the course(s) to check their progression through the programme as laid down in the scheme, syllabus and learning outcomes through a system of Continuous Comprehensive Assessment (CCA) using a mix of Internal and End-Term evaluation.

*   Internal Assessment will be broadly 30% of the total marks and weightage of 70% shall be given to evaluation of End-Term examination(s).

9

- Internal Assessment (30%) shall be broadly based on the following defined components: Class Participation; Seminar/Presentation/Assignment/Quiz/Class Test, etc. in case of Theory examination and Seminar/Demonstration/Viva-Voce/Lab record, etc. in case of Practical examination; Mid-Term Exam.
- The students who have failed in Internal Assessment/Minor Test will have to get aggregate forty percent marks in the End-Semester examination with no option of improvement of internal assessment.
- Internal Assessment Marks will be further distributed as per following tables:

Course Composition- Theory/(Theory +Tutorial)			
Course Credit	Internal	End-Term Exam	Total Marks
2	15	35	50
3	25	50	75
4	30	70	100

Course Composition- Theory + Practical						
Course Credit		Theory		Practical		Total Marks
Theory	Practical	Internal Marks	External Marks	Internal Marks	External Marks	
2	1	15	35	10	15	75
3	1	20	50	10	20	100
2	2	15	35	15	35	100
0	3	-	-	25	50	75
0	4	-	-	30	70	100

Total Internal Marks (Theory)	Class participation	Seminar/Presentation/ Assignment/ Quiz/Class Test, etc.	Mid-term exam
15	5	-	10
20	5	5	10
25	5	5	15
30	5	10	15

Total Internal Marks (Practicum)	Class participation	Seminar/Presentation/ Assignment/ Quiz/Class Test, etc.	Mid-term exam
10	5	5	-
15	5	10	-
25	5	10	10
30	5	10	15

- A student has to obtain minimum 40% marks (Grade 'P') in End-Term Examination and in aggregate (sum of the Internal Assessment and End-Term Examination marks) separately to qualify a course.

(ii) The pass percentage will be 40% (Grade 'P') both for theory and practicum End-Term Examination.

(iii) The Chairperson shall ensure uploading of the Internal Assessment marks before the commencement of the End-Term Semester Examinations on the examination portal of the University or as notified by the Controller of Examinations of the University.

(iv) Internal Assessment marks of a course shall be carried forward in case of re-appear examination of that course.

(v) The Chairperson shall preserve the record on the basis of which the Internal Assessment awards have been prepared, for inspection, if needed by the university for one year from the date of declaration of semester examination results.

16 Eligibility for Examination

End-Term Examination shall be open to a regular student who

(i) has been on the rolls of the Department during the semester.

(ii) has passed the requisite qualifying examination as laid down above, if she/he is a candidate for the First Semester Examination.

(iii) has her/his examination form submitted to the Examinations Branch through the Chairperson of the concerned Department.

(iv) has attended not less than 75% of the lectures in a course. This requirement shall be fulfilled separately for each course of the programme. A deficiency in the prescribed course (Lectures/Practicum, etc.) may be condoned by the Chairperson/Principal/Director of the Department in deserving cases up to 15% (excluding 2% additional for Girl/Women student).

(v) These shall also include loss of attendance due to 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 condonation on this ground up to 10% in each paper on a certificate from the Dean/Director, Sports/Youth Welfare/Cultural Affairs, Placement Cell, NSS, ANO, NCC, YRC 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 condonation on all counts, falls below 50%.

(vi) Provided that a candidate who has not attended the requisite percentage of lectures/practicum shall not be eligible to take the End-Term Examination in the concerned theory/practicum unless she/he repeats the course and obtains requisite attendance.

17 Duration for Passing the Programme

(i) A student can complete a UG-PG degree programme within eight years. A student who fails to pass the whole examination(s) of a UG-PG programme within eight years of admission to the programme, shall be awarded Undergraduate Certificate/Diploma/Bachelor degree/PG Diploma on the basis of qualified courses as per credit point, if eligible *(Appendix-I; Table 2)*.

(ii) Each student will have to open an Academic Bank of Credit (ABC) account immediately for admission or during admission if admitted. At the end of each semester, credits earned by the students will be uploaded in her/his respective ABC account. A student registered in ABC account for a programme will be allowed to complete the respective programme within eight years or as per the time period stipulated in the ABC for accumulation of credits from time to time or within the period as prescribed by the university for the purpose.

(iii) The maximum duration of course will be determined on the basis of N+2 or N+3 as the case may be.

18 Conditions for Promotion to Higher Semester and Rules for Re-appear

(i) A student who has appeared and failed in one or more courses of the First Semester shall be allowed to study for and appear in the second semester. Such a student may pursue her/his studies for the next higher semester(s) and appear in the examination(s) for the same along with the examination for the lower semester(s) i.e. up to 6th semester.

(ii) There will be no condition of passing papers for promotion to higher semester/year in any academic programme up to 6th semester/3rd year, but for promotion to 7th semester/4th year a student must have to pass his/her 1st semester/1st year and for promotion to 8th semester, the 1st semester and the 2nd semester must be passed by the student concerned, subject to fulfilment of other conditions as prescribed in the ordinance to appear in the examination. For promotion to 9th semester/5th year a student must have to pass his/her 3rd semester/2nd year and for promotion to 10th semester, the 3rd semester and the 4th semester must be passed by the student concerned, subject to fulfilment of other conditions as prescribed in the ordinance to appear in the examination. However, the candidate will have to complete the degree within the maximum period allowed under the ordinance.

Provided that after completion of regular studies for the whole duration of a programme, the candidate will be allowed to appear in examination as an ex-student/private for the re-appear/left out courses under the permissible chances, within the prescribed time period to complete the programme.

(iii) A candidate who could not complete or has failed in a project/internship, she/he will get only one chance to repeat the project work/internship at the end of the next Semester. Further, if the candidate still fails or remains absent in the project/internship, then she/he will not be eligible for the award of the concerned UG Certificate/Diploma/Degree.

(iv) Grant of Mercy Chance is allowed within maximum duration of programme i.e. N+2 (where N stands for normal duration of the programme having duration of one to two years)/ N+3 (where N stands for normal duration of the programme having duration of three to five years) to a student who got re-appear and has availed two chances (with normal fee) and one special chance with enhanced fee as decided by the University from time to time to clear the re-appear paper(s) of a particular semester/year. Such mercy chance candidates will have to pay a fee of Rs. 5000/- per paper subject to maximum of Rs. 10000/- per semester/year as the case may be and the candidate will have to appear in the examination as and when to be conducted for that particular semester.

19 Examinations and Result

(i) End-Term Examinations for the odd semesters shall normally be held in November/December and for the even semesters in May/June, on such dates as may be notified by the Controller of Examinations from time to time.

(ii) Supplementary examinations will be held for Re-appear candidates as under:

Semester	When held
Odd Semester	Along with the First, Third, Fifth, Seventh and Nineth Semester

Even Semester	Along with the Second, Fourth, Sixth, Eight and Tenth Semester

(iii) The last date(s) by which the examination forms shall be uploaded on the examination portal shall be as per the schedule notified by the Controller of Examinations from time to time.

(iv) The amount of examination fee to be paid by a student for each semester shall be as prescribed by the University from time to time.

(v) The minimum Semester Grade Point Average (SGPA) to qualify a semester shall be 4.00 and minimum Cumulative Grade Point Average (CGPA) required for the award of the UG Certificate/Diploma/Degree shall be 4.00.

(vi) The Examination Branch shall prepare the Grade/Result and the Controller of Examinations will notify the same.

(vii) If a student is not able to pass any semester examination during her/his regular studies in the programme, her/his pass credits will be accumulated in the Academic Bank of Credits (ABC) and she/he can pass the deficient courses any time within eight years or as stipulated in the Academic Bank of Credits from time to time.

(viii) A student who discontinues her/his studies at any point of time may be permitted to re-join the programme of study and complete balance credits as per university rules.

(ix) **Academic Performance**

The academic performance will be determined on the basis of Letter Grades and Grade Points, and displayed in displayed in final Detailed Grade Certificate (DGC) Award of grades and the corresponding grade points will be based on absolute marks as per the following table:

Letter grade	Grade Point	Percent Marks
O (Outstanding)	10	>85
A+ (Excellent)	9	>75 to 85
A (Very Good)	8	>65 to 75
B+(Good)	7	>55 to 65
B (Above Average)	6	>50 to 55
C (Average)	5	>40 to 50
P (Pass)	4	40
F (Fail)	0	< 40
Ab	0	Absent

- The overall percentage of marks and the divisions will be determined by multiplying the SGPA or CGPA, as the case may be, by 10. The classification of division will be as under:
  First Division with Distinction: If percentage of marks is 85 or more in first attempt or through re-evaluation of any answer sheet of main examination.
  First Division: If percentage of marks is 60 or more and less than 85.
  Second Division: If percentage of marks is 50 or more and less than 60.
  Third Division: If percentage of marks is less than 50.

- A candidate eligible to take the examination obtaining Grade 'F'/'Ab' will be considered to have failed in the examination/course(s). Such a student will be required to re-appear in that examination/course(s) within the permissible chances.

20 Computation of SGPA and CGPA

The following shall be the procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

(i)   The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a candidate in all the courses taken by the candidate in a semester to the sum of the number of credits of all the courses undertaken by the candidate in that semester, i.e.

$$SGPA\ (Si) = \frac{\sum(Ci \times Gi)}{\sum Ci}$$

where C_i is the number of credits of the ith course and G_i is the grade point.

(ii)   The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$CGPA\ (Si) = \frac{\sum(Ci \times Si)}{\sum Ci}$$

where S_i is the SGPA of the ith semester and C_i is the total number of credits in that semester.

(iii)   The SGPA and CGPA shall be rounded off to 2 digits after decimal place and shall be reported in the Detail-Grade-Certificate (DGC).

A merit list will be prepared for a programme and University Medal will be awarded to a candidate who secures highest CGPA (rounded off to 2 digits after decimal place) with at lest First Division and stands first in the entire programme examination in the first attempt or through re-evaluation of any answer sheet of main examination. In case, when more than one student have the same CGPA, then University Medal shall be decided on the basis of actual obtained marks in the programme. Further, if the actual marks obtained are same than the candidate higher in age will be considered for award of University Medal.

21 Improvement
(i)   A candidate who has passed a UG Programme from GJUST, Hisar and took exit and is desirous of improving her/his CGPA in the respective programme (Certificate/Diploma/Degree), will be allowed to appear within next four Semester examinations of passing the sixth semester examination to appear as an ex-student in one or more theory course(s) of any one or two parts, out of Part-I (Semester I & II), Part-II (Semester III & IV) and Part-III (Semester V & VI) separately in four consecutive semester examinations and shall pay examination fee as for the whole semester examination in which she/he opts to appear.
(ii)   A candidate who has passed a UG-PG Programme from GJUST, Hisar and is desirous of improving her/his CGPA, will be allowed to appear within next four Semester examinations of passing the tenth semester examination to appear as an ex-student in one or more theory course(s) of any one or two parts, out of Part-IV (Semester VII & VIII) and Part-V (Semester IX & X) separately in four consecutive semester examinations and shall pay examination fee as for the whole semester examination in which she/he opts to appear.
(iii)   The result of improvement examinations shall be declared only if a candidate improves her/his CGPA of the respective programme. Provided further that if a student does not want to avail the remaining chances out of permissible four total chances for improvement, then she/he will submit an undertaking to this effect for declaration of her/his final result. The fact that student has improved the performance/grade shall be mentioned in the Detailed-Grade-Certificate (DGC).

(iv)   Improvement shall not be allowed in Internal Assessment/Practical/Internship/ Field Work/Project/Seminar/Studio etc.

(v)   Those candidates who have taken migration certificate from this University will not be eligible for appearing in improvement examination.

The rules, syllabus and fees for improvement examinations shall be applicable as prevailing at that time or as prescribed by the university from time to time.

22   **Award of Grace Marks**

Grace marks will be awarded according to the university rules prevailing from time to time.

23   The ordinance in force at the time a student joins the programme shall hold good only for the examination held during or at the end of that academic 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 the students whether old or new.

24   **(i)**   In the event of any inconsistency in the rules or any clarification thereof, the matter shall be referred to the Vice-Chancellor for interpretation, whose decision shall be final. The Vice-Chancellor is also competent to remove any inconsistency/make amendment in rules at any time and decide which provision shall take precedence over the other.

       (ii)   The Vice-Chancellor is authorized to make changes/amendments in the ordinance of different Schemes for effective implementation of Curriculum and Credit Framework of Undergraduate and Integrated 5 years Programmes under National Education Policy 2020.

       (iii)   Notwithstanding anything mentioned above, the Vice-Chancellor can relax any rule in exceptional cases or when situation demands so.

25   **Transitory Provision**

Students admitted to UG/Integrated Programmes under semester system in Department prior to the academic session 2023-24/2024-25 shall be governed by the old rules as applicable for that programme for that session. The present rules shall be applicable to the students who take admission in a programme according to Curriculum and Credit Framework for UG Programme (CCFUGP) and Curriculum and Credit Framework for PG Programmes of UGC as per NEP-2020 w.e.f. the academic session 2023-24/2024-25.

Table 1: UG/UG-PG Programme (Multidisciplinary) with major from third semester: Scheme-B

Appendix-1

Semester	Discipline Specific Courses (DSC)			Minor Courses (MIC) including Vocational Courses (VOC)	Multidisciplinary Courses (MDC)	Ability Enhancement Course (AEC)	Skill Enhancement Course (SEC)	Value Added Courses (VAC)	Total credits	Exit option
I	DSC-A1 4 credits	DSC-B1 4 credits	DSC-C1 4 credits	MIC-1 2 credits	MDC-1 3 credits	AEC-1 2 credits	SEC-1 3 credits	VAC-1 2 credits	24	Under Graduate Certificate in Discipline with 52 credits
II	DSC-A2 4 credits	DSC-B2 4 credits	DSC-C2 4 credits	MIC-2 2 credits	MDC-2 3 credits	AEC-2 2 credits	SEC-2 3 credits	VAC-2 2 credits	24	

Internship of 4 credits of 4 weeks duration after 2nd semester

Semester	Discipline Specific Courses (DSC)			Minor/Vocational Courses (MIC)	Multidisciplinary Courses (MDC)	Ability Enhancement Course (AEC)	Skill Enhancement Course (SEC)	Value Added Courses (VAC)	Total credits	Exit option
	Core courses	Elective	Practicum							
III	DSC-A3 4 credits DSC-A4 4 credits DSC-A5 4 credits			MIC-3 (V) 4 credits	MDC-3 3 credits	AEC-3 2 credits	SEC-3 3 credits		24	Under Graduate Diploma in <Major Subject> with 100 credits
IV	DSC-A6 4 credits DSC-A7 4 credits	DSC-A8 4 credits	DSC-A9 (P) 4 credits	MIC-4 (V) 4 credits		AEC-4 2 credits		VAC-3 2 credits	24	
				Internship of 4 credits of 4 weeks duration after 4th semester (if not done after 2nd semester)						
V	DSC-A10 4 credits DSC-A11 4 credits	DSC-A12 4 credits	DSC-A13 (P) 4 credits				Internship# 4 credits		20	Bachelor of Arts/Science with Major in <Major Subject> after earning 136 Credits
VI	DSC-A14 4 credits DSC-A15 4 credits	DSC-A16 4 credits	DSC-A17 (P) 4 credits	MIC-5 (V) 4 credits					20	
	68 credits			32 credits*	9 credits	8 credits	9 credits + Internship 4 credits	6 credits	136	

*16 credits earned in two subjects studied in first year, other than Major Subject opted in second year will be taken in to account as credits of Minor.

#Four credits of internship, by a student during summer internship after 2nd semester or 4th semester, will be taken into account in 5th semester of a student who pursue 3 years UG Programme without taking exit option.

Fourth year (Honours programme)

Semester	Discipline Specific Courses			Minor Courses (MIC)	Total credits	Degree to be awarded
	Core	Elective	Practicum			
VII	DSC-H1 4 credits DSC-H2 4 credits DSC-H3 4 credits	DSC- H4 4 credits	DSC-H5 (P) 4 credits	MIC 6 4 credits	24	Bachelor of Arts/Science (Honours) in <major subject> with 184 Credits
VIII	DSC-H6 4 credits DSC-H7 4 credits DSC-H8 4 credits	DSC- H9 4 credits	DSC-H10 (P) 4 credits	MIC 7 4 credits	24	

OR

Fourth year (Honours with research programme)

Semester	Discipline Specific Courses			Minor Courses (MIC)	Total credits	Degree to be awarded
VII	DSC-H1 4 credits DSC-H2 4 credits DSC-H3 4 credits	DSC- H4 4 credits	DSC-H5 (P) 4 credits	MIC 6 4 credits	24	Bachelor of Arts/Science (Honours with Research) in <major subject> with 184 Credits
VIII	DSC-H6 4 credits DSC-H7 4 credits	Project/Dissertation 12 credits		MIC 7 4 credits	24	

Fifth year

Semester	Discipline Specific Courses			Seminar/Value Added Course/Open Elective/Employability & Entrepreneurship Skills Course	Total credits	Degree to be awarded
	Core	Elective	Practicum			
IX	DSC-M1 4 credits DSC-M2 4 credits DSC-M3 4 credits	DSC- M4 4 credits	DSC-M5 (P) 4 credits	2 credits	22	Master of Arts/Science <subject> with 228 Credits
X	DSC-M6 4 credits DSC-M7 4 credits DSC-M8 4 credits	DSC-M9 4 credits	DSC-M10 (P) 4 credits	2 credits	22	

OR

Semester	Discipline Specific Courses			Seminar/Value Added Course/Open Elective/Employability & Entrepreneurship Skills Course	Total credits	Degree to be awarded
IX	DSC-M1 4 credits DSC-M2 4 credits DSC-M3 4 credits	DSC- M4 4 credits	DSC-M5 (P) 4 credits	2 credits	22	Master of Arts/Science <subject> with 228 Credits
X	DSC-M6 4 credits DSC-M7 4 credits	Project/Dissertation 12 credits		2 credits	22	

Table 2: **Credit Point Table for UG/5-Year UG-PG Programme (Multidisciplinary) with single major from third semester): Scheme-B**

Sr. No.	Courses	Credits earned after						
		First year	Second year	Third year	Fourth year (Hons.)	Fourth year (Hons with research)	Fifth year	
1	Discipline Specific Course (DSC)	24	48	68	108	96	148	136
2	Minor Course (MIC) including Vocational Courses (VOC)	4	12	32	40	40	40	40
3	Multidisciplinary Courses (MDC)	6	9	9	9	9	9	9
4	Ability Enhancement Courses (AEC)	4	8	8	8	8	8	8
5	Skill Enhancement Courses (SEC)	6	9	9	9	9	9	9
6	Value Added Courses (VAC)	4	6	6	6	6	6	6
7	Internship	4*	4*	4	4	4	4	4
8	Research					12		12
9	Seminar/Value Added Course/Open Elective/ Employability & Entrepreneurship Skills Course						4	4
	Total	52	96	136	184	184	228	228

*added in case of exit from programme

Notes for Tables:

i. A student of UG/UG-PG Programme (Multidisciplinary) with major in third semester will select three subjects A, B and C in the first year out of the pool of subjects in that discipline offered by the Department as Discipline Specific Course. Minor course can be offered from the same discipline and should be different from three subjects opted as Major Subjects of that discipline. In case of Physical Sciences and Life Sciences disciplines, the Minor Subject/Course may be offered either from the Science and Technology discipline.

ii. A student will study Discipline Specific Couse and Minor Course from the discipline in which the admission was taken as per the scheme of the programme.

iii. A student will study AEC, VAC, SEC, MDC and Minor (Vocational) Courses from the respective pools of the courses offered by Department duly approved by the University.

v. For I^{st} and 2nd semester of UG-PG Programme (Multidisciplinary, single major from third semester), a student can choose a Minor course of 2 credit from the pool of Minor courses offered by the Department in that semester.

vi. From 3rd semester onwards, a Minor course will be of 4 credits and will be taken out of the offered Minor courses of a subject offered by Department in that semester.

vii. A student will opt for MDC from the course/subject which is different from the discipline of major and minor subjects, and should also be different from the courses undergone at senior secondary level (Class XII).

viii. A student of UG/UG-PG programme (Multidisciplinary, single major from third semester) will be offered UG Hons. programme in the fourth year offered by the Department. However, if the student gets 7.5 CGPA then the students may opt UG Hons. with research programme in the fourth year offered by the Department.

ix. The fifth year is a PG programme (one year) in that subject offered by the Department.

Guru Jambheshwar University of Science and Technology
Hisar-125001, Haryana
('A+' NAAC Accredited State Govt. University)

Ordinance governing UG/5 years Integrated UG-PG Programme
with single major from first semester
as per National Education Policy-2020

SCHEME-C for UTDs
(UG Certificate, UG Diploma, Bachelor Degree with major in <major subject>, BA/BSc
(Hons./Hons. with Research) in <major subject>, MA/MSc <subject> programme)
SEMESTER SYSTEM
Under Learning Outcome Based Curriculum Framework-Choice Based Credit System
(LOCF-CBCS) as per NEP-2020
(w.e.f. Session 2024-25)

1. Scope

This Ordinance is based on National Education Policy-2020 (NEP-2020), Learning Outcome Based Curriculum Framework-Choice Based Credit System (LOCF-CBCS) and is according to the Curriculum and Credit Framework for UG Programmes and Curriculum and Credit Framework for PG Programmes of University Grants Commission and as per Memo No. DHE-170005/5/2023-Deputy Director-NPE dated June 8, 2023 regarding implementation of the key components of NEP-2020 in Colleges and Universities.

(i) The duration of the programme for the award of Undergraduate Certificate in the subject will be one academic year and of Undergraduate Diploma in the subject will be two academic years. The duration of Bachelor Degree in the subject will be three academic years. The duration of Bachelor Degree (Hons/Hons with Research) in the subject is four years programme and Master degree in the subject is five years. Each academic year will be divided into two semesters i.e., July to December and January to June. There shall be teaching of 15 weeks/90 days in each semester.

(ii) The nomenclature of the Certificate/Diploma/Degree will be as under:

    (a) UG Certificate in <major subject>
    (b) UG Diploma in <major subject>
    (c) Bachelor of Arts with major in <major subject>
    OR
    Bachelor of Science with major in <major subject>
    (d) Bachelor of Arts (Hons/Hons with Research) in <subject>
    OR
    Bachelor of Science (Hons/Hons with Research) in <subject>
    (e) Master of Arts <subject>
    OR
    Master of Science <subject>

2. Key Terms

(i) **Learning Outcome based Curriculum Framework (LOCF):** The learning outcomes of the programme (POs) are mapped against well-defined Course Outcomes (COs).

(ii) **Choice Based Credit System (CBCS):** The CBCS provides choices to students to select disciplinary, multidisciplinary and interdisciplinary courses to fit into their own requirements and to learn at their own pace within the framework.

(iii) **Programme:** A programme is made up of courses/subjects and leads to the award of a UG Certificate or UG Diploma or Bachelor Degree or Bachelor Degree (Hons/Hons with Research) or Master Degree after completing requisite courses successfully.

(iv) **Course/Subject:** A course/subject refers to components of a programme. A course/subject may comprise of lectures/tutorials/practicum or laboratory work/field practice/project work/seminar/community engagement and service/internship/ dissertation, etc. or any combination of these.

(v) **Credit:** A unit by which the course work is measured. It determines the number of hours of instructions required per week over the duration of one semester. For calculation of the teaching hours, one credit means one hour of lecture or one hour of tutorial or one hour of seminar or two hours of practicum/laboratory work per week over the duration of a semester.

(vi) **Lecture:** Component of a course/subject which is taught by a teacher through lectures covering the contents of a course/subject.

(vii) **Tutorial:** Component of a course/subject which involves problem-solving, learning through discussions and remedial teaching related to the contents and periphery of a course/subject with the direct involvement of a teacher.

(viii) **Practicum:** A course/subject or a component of a course/subject which enables students to learn or to attain skills or to get procedural knowledge for the contents of a course/subject through practical/laboratory activity/project and to apply the studied principles/theory/ concepts related to the chosen field of learning, work/vocation, or professional practice in the field of learning, under the supervision of a teacher.

(ix) **Seminar:** A course/subject or a component of a course/subject which makes students to learn a specific topic through in-depth exploration and analysis of facts about the topic in a set-up that involves presentation, interactive discussions and collaborative learning under the supervision of a teacher.

(x) **Internship:** A course/subject requiring students to participate in professional employment-related activity or work experience or co-operative education activity with an entity external to the educational institution normally under the supervision of an employee of an organization or an individual professional. A key aspect of the internship is induction into actual, formal and organized work situations. Internship involves working with local industry (Government or Private organizations), business establishments, artists, craft persons, etc. to provide opportunities for students to actively engage in on-site experiential learning.

(xi) **Studio Activity:** A studio activity involves engagement of students in creative, artistic or experimental activities involving visual, digital, audio, video and other professional experiential work.

(xii) **Field Work/Practice/Survey/Project:** A course/subject or a component of course/subject which enables students to participate in field-based learning/project, involving application of knowledge in solving/analyzing/exploring a real-life situation/problem under the supervision of a teacher/mentor.

(xiii) **Project Work:** A course/subject or a component of a course/subject which facilitates students to apply their knowledge, skills and critical thinking ability to complete a specific task in a given time frame through conceptualization, exploration and analysis of research-based activities to suggest tangible solutions for a given problem related to the chosen field of learning.

(xiv) **Dissertation:** Dissertation is a comprehensive report of the work done in a research project/field work/survey, based on a systematic and rigorous investigation of the chosen topic utilizing research methods.

2

(xv) **Community Engagement and Service**: A course/subject or a component of a course/subject which exposes the students to the socio-economic issues prevailing in society so that the theoretical learning can be supplemented by actual life experiences to understand and generate solutions to real-life problems.

(xvi) **N+2** (where N stands for normal duration of the programme having duration of one to two years)/ **N+3** (where N stands for normal duration of the programme having duration of three to five years).

3 Courses

(i) **Discipline Specific Courses (DSC)**: A major course/subject as discipline specific course is the field in which a student focuses for understanding and skills majorly in the chosen field of learning contributing to the core of the programme. This may include Core, Elective and Skill-enhancement courses/Practicum.

(ii) **Minor Courses (MIC)**: Minor course/subject aims to expand student's knowledge beyond the major field of study. A student will study MIC in a subject other than the subject of Discipline Specific Courses. This will also include **Vocational Course (VOC)** that will assists student in developing work-force relevant skills through practical work and enhances the employability of student.

(iii) **Multidisciplinary Courses (MDC)**: These courses are based on introductory knowledge in a subject. A student will study MDC in a subject other than the subject of Discipline Specific Course and Minor subjects/courses to gain knowledge across the disciplines.

(iv) **Ability Enhancement Courses (AEC)**: These courses aim at enabling the students to achieve competency in the English language or Modern Indian Languages (MIL) other foreign language with special emphasis on language and communication skills.

(v) **Skill Enhancement Courses (SEC)**: These courses aim at imparting practical skills, hands-on training, soft skills, etc. to enhance the employability of students.

(vi) **Value-Added Courses (VAC)**: These courses aim at enabling the students to acquire and demonstrate the acquisition of knowledge and understanding of human values, Indian Knowledge System (IKS), contemporary India, environmental science and education, digital and technical solutions, health and wellness, yoga education, sports and fitness, etc.

4 Evaluation terms

(i) **Letter Grade**: It is an index of the performance of a student in a course. Grades are denoted by letters O, A+, A, B+, B, C, P, F and Ab depending on the score earned in that course.

(ii) **Grade Point**: It is a numerical value allotted to each letter grade on a 10-point scale.

(iii) **Credit Point**: It is the product of grade point and number of credits for a course.

(iv) **Semester Grade Point Average (SGPA)**: It is a measure of performance of a student in a semester. It is the ratio of total credit points secured by a student in all the courses registered in a semester to the total of the credits of the courses taken during that semester. It shall be expressed up to two digits after decimal place.

(v) **Cumulative Grade Point Average (CGPA)**: It is a measure of overall cumulative performance of a student in a programme over all the semesters. The CGPA is the ratio of total credit points secured by a student in all the courses of the programme to the sum of the total credits of all the courses of the programme. It shall be expressed up to two digits after decimal place.

(vi) **Detailed-Grade-Certificate**: Based on the grades earned, a grade certificate shall be issued to all the registered students after every semester. The Detailed-Grade-Certificate (DGC) will display the course details (code, title, number of credits, grade secured) along with SGPA of that semester.

5 **Academic Bank of Credits (ABC):** It is a virtual/digital mechanism that contains information of the credits earned by individual students throughout their learning journey in Higher Education Institutions in India recognized by UGC. The Automated Permanent Academic Account Registry (APAAR) ID is also being introduced as a pivotal component. The APAAR ID serves as a lifelong academic passport, consolidating all achievements and credential of a student in one place. This will help enabling students mobility across higher education institution.

6 **Programme Duration and Multiple Exit Options**

All programmes shall be offered as per UGC list of 'Specification of Degree' prevailing from time to time. The programme duration and options for multiple entry and exit will be as per UG/PG Curriculum Framework– Scheme-C (*Appendix-I; Table-1*).

(i) A student will be allowed an exit option after passing first academic year of the UG-PG Programme with requisite 48 credits including the 4 credits of internship of minimum of 4 weeks duration as per scheme of the programme and will be awarded an **Undergraduate Certificate in <major subject>** (*Appendix-I; Table-2*).

(ii) A student will be allowed an exit option after passing two academic years of the UG-PG Programme with requisite 94 credits including the 4 credits of internship of minimum of 4 weeks duration as per scheme of the programme and will be awarded **Undergraduate Diploma in <major subject>** (*Appendix-I; Table-2*).

(iii) A student will be awarded with **Bachelor degree with major in <major subject>** after successfully completing three academic years of UG-PG Programme and earning requisite 136 credits including the 4 credits of internship of minimum of 4 weeks duration as per scheme of the programme (*Appendix-I; Table-2*).

(iv) A student, who has successfully completed three years UG-PG Programme (Single Major from First Semester) and has earned minimum 60 credits in the Major subject, can opt for Honours Programme in that subject in the fourth year. If the Department allows to continue the student or admits the student for fourth year of Honours Programme, then the student will be awarded with **Bachelor degree (Honours) in <major subject>** after successfully completing four academic years of UG Programme and earning requisite 184 credits including the 4 credits of internship of duration 4 weeks as per scheme of the programme (Appendix-I; Table-2).

(v) A student, who has successfully completed three years UG/UG-PG Programme (Single Major from First Semester) and has earned minimum 60 credits in the major subject and obtained CGPA of 7.5 or more, can opt for Honours with Research Degree Programme in that subject in the fourth year. If a student opts to continue or is admitted by the Department to Honours with Research Programme in the fourth year, then the student will be awarded with **Bachelor Degree (Honours with Research) in <major subject>** after successfully completing four academic years of UG Programme and earning requisite 184 credits including the 4 credits of internship of duration 4 weeks and 12 credit of Project/Dissertation as per scheme of the programme (*Appendix-I; Table-2*)

(vi) A student will be awarded with **Master degree in <subject>** (one year) after successfully completing five academic years of UG-PG Programme and earning requisite 228 credits including the 4 credits of internship of minimum of 4 weeks duration as per scheme of the programme (*Appendix-I; Table-2*).

7 **Admission to a UG/5 years Integrated UG-PG Programme under Multiple Entry**

(i) The Department shall declare approved total number of seats available discipline-wise each year for fresh and lateral admissions.

(ii) The Department can plan the number of seats discipline-wise in consonance with the faculty and infrastructure available.

(iii) A student can pursue two Undergraduate/Postgraduate Programme simultaneously through Open and Distance Learning (ODL)/online mode; or combinations of ODL, online and regular modes, from the same or different Universities/Institutions duly approved by the UGC/AICTE/Regulatory Body/Central Government/State Government, in various combinations, viz.

- A student can pursue two full-time UG and/or PG Programme in physical mode provided that in such cases, class timings and examination schedule for one programme do not overlap with the class timings and examination schedule of the other programme, and requirements under clause 7(iv) are fulfilled. The Department/University shall not be responsible for any such overlapping and consequences thereof.
- A student can pursue two UG and/or PG Programme, one in full-time physical mode and another in ODL/online mode; or up to two ODL/online programmes simultaneously.

(iv) **Minimum Eligibility Conditions for Admission**

A candidate who has passed Senior Secondary Certificate Examination (Class XII level) of the Board of School Education, Haryana; or any other examination recognized as equivalent thereto with minimum passing marks (as prescribed in the University Prospectus from time to time) in aggregate with English as one of the subjects, shall be eligible to join First Semester of the Undergraduate (UG) Programme. In addition, the following conditions, if applicable should also be satisfied:

- to opt for Mathematics as a DSC, the candidate must have passed Mathematics as a subject in the qualifying examination.
- to opt for Chemistry as a DSC, the candidate must have passed Chemistry as a subject in the qualifying examination.
- to opt for Physics as a DSC, the candidate must have passed Physics as a subject in the qualifying examination
- to opt for subject(s) in the discipline of Life Sciences, which consists of Botany, Zoology as a one or more than one subject(s), then the candidate must have passed Class XII with Biology as a subject.
- to opt for subjects of Physical Sciences discipline as Major subject(s), the candidate must have passed respective subjects in the qualifying examination.

Further, eligibility conditions for admission to a programme shall be applicable as mentioned in the scheme of the concerned programme.

Note: Eligibility conditions are subject to change according to the implementation of National Curriculum Framework (NCrF) for school education or in accordance with any such guidelines issued by the Central/State Government or issued by University from time to time.

(v) The student opting for exit must inform in writing to the Department by 30th June of every year. The student is allowed multiple entry into a UG-PG Programme. For example, the student can re-enter into second year of a programme if she/he has taken an exit option after first year. Similarly, re-entry into the third year is allowed if exit option was exercised by a student after getting UG Diploma. In any case, the gap between the exit and the re-entry into the UG-PG Programme should not be more than two years subject to completion of the whole UG-PG Programme within eight years. Multiple entry shall be allowed in the Department subject to the availability of seats in the concerned programme in that year in that Department. In case of re-entry, the scheme and syllabus currently running will be applicable.

(vi) Lateral admissions against sanctioned vacant seats may be filled by the Department category wise following the State Govt. norms for reservation in an odd semester. Lateral admission may be provided in the 3rd, 5th, 7th and 9th semesters if a student has passed all the preceding examinations up to 2nd, 4th, 6th and 8th semesters, respectively of the concerned programme under NEP Curriculum Framework. However, this will be subject to fulfilment of other eligibility conditions for the programme in which the admission is sought.

First preference in the lateral admission will be given to the students of that Department who had taken exit from that programme and are seeking re-entry into the same institution, for this a cut-of-date will be notified by Department.

8 Subjects/Courses of UG/UG-PG Programmes

(i) A student of UG/UG-PG Programme (single major from first semester), herein after called Scheme-C, will select single major subject in the first year out of the pool of subjects in that discipline offered by the Department as Discipline Specific Subjects/Courses. Minor subject, different from the Major subject, is to be offered from the same discipline. Any subject/course in a discipline can be a Discipline Specific or Minor subject/course for a UG-PG programme. In case of Physical Sciences and Life Sciences disciplines, if the Minor Subject/course cannot be offered from the same discipline by the Department, then the Discipline Specific Subject/course may be offered from either of the two disciplines. For example, if the Department is unable to offer a Minor subject/course from the discipline of Life Sciences, other than three subjects Botany, Zoology and Chemistry which have been offered as three Major subjects/courses, then Department can offer any subject/course from the discipline of Physical Sciences as a Minor Subject.

(ii) A student will study Discipline Specific, Minor, Minor (Vocational), AEC, VAC, SEC and MDC courses as per Curriculum Framework Scheme-C (*Appendix-1; Table 1*).

(iii) For I^{st} and 2nd semester of UG-PG Programme (single major from first semester)) (Scheme-C), a Minor course will be of 4 credits and will be taken out of the offered DSCs of that subject in that semester. The same minor subject be studied in subsequent semesters.

(iv) A student will study three Multidisciplinary Courses (MDCs) in first three semesters. The Multidisciplinary Courses (MDCs) will be from the subject/course which is different from the Discipline Specific and Minor subjects/courses. Students are not allowed to choose or repeat courses already undergone at the Senior Secondary Level (Class XII) or Discipline Specific and Minor subjects/courses under this category. Provided further that if a Multidisciplinary Course (MDC) across the discipline cannot be offered by the Department, due to its constraints and available resources, then

- A subject from the same discipline can be offered as MDC course if that subject also belongs to the list of subjects of some other discipline.
- MDC can be opted out of MOOCs through SWAYAM.
- MDC can be completed out of online course(s) offered by GJUST.

Note: The student himself/herself has to pay the requisite fee and/or re-appear fee as applicable from time to time. Department shall not be responsible for any issue(s) related to MOOCs, online course(s) or else.

(v)   A student will select AEC, SEC, VAC and Minor (Vocational) courses from a pool of respective courses offered in Department.

         Depending upon the availability of faculty and infrastructure, a Department may offer AEC, SEC, VAC and Minor (Vocational) courses from the respective pool of courses duly approved by the University. University will review and revise such pools from time to time by taking proposals of Department into consideration.

(vi)   A student will study VAC– 'Environmental Studies' which is mandatory and at least one SEC to gain computer competency before exit. The number of these courses will be offered by the Department according to the availability of faculty and infrastructure.

(vii)   In the subjects/courses which involve practicum, i.e., Practical/Laboratory/Studio/ Project/ Survey/Field work, etc., a course of 4 credits will dedicate 3 credits for lectures and one credit for practicum or 4 credits for lectures. In other subjects/courses not having practicum component, a course of 4 credits will dedicate 3 credits for lectures and 1 credit for tutorial or 4 credits for lectures.

         During 4th and 5th years, if the practicum course is offered as a separate course in that subject, all the credits will be dedicated to practicum.

         In the case, when tutorial of 1 credit is not adopted/implemented in a subject, then all the credits of that course will be dedicated to lectures only.

(viii)   In case of AEC and VAC of 2 credits, the entire 2 credits will be allocated to lectures.

(ix)   The SEC of 3 credit may either be 3 credits of Lectures or 2 credit Lectures and 1 credit practicum/Seminar/tutorial or 3 credits practicum.

(x)   In case of Minor (Vocational) courses/subjects, where practicum component is dominant, a course of 4 credits may allocate 2 credits to lectures and 2 credits to practicum. Similarly, a course of 4 credits may be divided into 2 credits of lectures and 2 credits of practicum in the subjects where the practicum component of the course is major and teaching-learning process mainly depends upon practicum, e.g. Yoga, etc.

9 Contact hours/workload

The weekly contact hours/workload for theory/practical/laboratory/studio/project/survey/ field work, etc. components of the courses will be:

     (i)   1 credit theory/tutorial = 1 hour;

     (ii)   1 credit practical/laboratory/studio/project/survey/field work = 2 hours.

     (iii)   The tutorial and practical/laboratory/studio/project/survey/field work will be conducted in groups of students and one group will comprise of 15-20 students.

10 Online Courses

With the permission of Department, a student can opt for online courses (at own level), up to 40% of the courses of the programme except Discipline Specific Courses and Skill Enhancement courses, through online platform SWAYAM or online courses offered by GJUST, Hisar or through other such online platforms approved by the UGC as per university guidelines prevailing time to time.

11 Internship

Every student for the UG/UG-PG Programme shall be required to undergo 4 credits internship of minimum of 4 weeks duration before taking an exit or completing the degree programme.

(i) A student for the UG/UG-PG Programme shall be required to undergo internship during summer vacation either after the second semester examination or after the fourth semester examination. If she/he opts to exit with Undergraduate Certificate in the discipline, then it shall be obligatory to complete the internship after second semester examination.

However, for those students who have taken lateral entry into the third semester and have completed internship of minimum of 4 weeks duration during first year, the internship is not required after the fourth semester examination.

(ii) A student will inform and get approval from the Chairperson of the Department before going for an internship. The internship will involve working with local industry (Government or Private organizations/ Institutions), business establishments, artists, craft persons, or a professional (individual/organization). Student will submit a copy of the report (a hard copy and a soft copy in PDF) to the Department within 15 days after the completion of internship. A student must submit a certificate of attendance and work done report from the organization/professional where the internship was done. The evaluation of the internship shall be done by a committee comprising of at least two senior teachers appointed by the Chairperson of the Department. Marks will be awarded by the committee out of 100 marks on the basis of the report and viva-voce examination.

(iii) The internship will be governed by the prevailing rules of the University from time to time.

12 Project/Dissertation

A student of fourth-year Bachelor Degree (Honours with Research) programme will be required to work on the Research Project or do research during eighth semester. The Project/Dissertation work will be of 12 credits.

(i) A student, who has been admitted in a Honours with Research programme, shall submit a request for allotment of supervisor mentioning her/his research areas of interest in order of preference to the Chairperson during seventh semester. The Department shall allot a qualified supervisor to guide the student for doing research during Project/Dissertation work. A regular full-time teacher of that Department, who is eligible to supervise Ph.D. scholars as per ordinance of Doctor of Philosophy of the university, will be eligible to guide the students of Honours with Research Programme.

(ii) The student will submit the synopsis to the supervisor. The synopsis will be approved by the Departmental Research Committee after recommendation of the supervisor. External experts may be involved wherever sufficient qualified regular teachers are not available.

(iii) The student shall be required to submit three hard copies of her/his dissertation along with soft copy as PDF file to the Department by 30th June of the concerned year. The late submission can be allowed with late fees as decided by the university from time to time.

(iv) The Anti-plagiarism policy of the university is to be strictly followed by the candidate and the supervisor. Similarity report as per anti-plagiarism policy of the university is to be annexed with the dissertation.

(v) Evaluation of the dissertation shall be done by an external examiner. The dissertation work will be of total 12 credits (300 marks) and evaluation will be done in two components; report of dissertation (200 marks) and open viva-voce examination (100 marks).

13 Medium of Instructions and Examination

(i) For all subjects, the medium of instructions shall be mainly English. Hindi medium will also be offered wherever feasible and approved by the university. The question paper shall be set in English. Bilingual question paper (s) will be provided, wherever possible and approved by the university. The students can write their answers in English/Hindi depending on the medium of instructions and language of the course content/syllabus, except in the case of

- English, in which the questions shall be set in English.
- Sanskrit, in which the questions shall be set in Sanskrit.
- Other languages, in which the questions shall be set in the language concerned.

(ii) The students shall write their answers:

- in English, in case of English language
- in the language concerned, in the case of Modern Indian Languages
- English in the case of other subjects.

Note: The certificate for medium of instruction if required by the student will be issued by the Chairperson of the concerned Department.

(iii) For Physical Sciences/Life Sciences Subjects/Courses, the medium of instructions shall be mainly English. Hindi medium may be offered wherever feasible and approved by the university. The question paper shall be set in English. Bilingual question paper (s) will be provided, wherever feasible and approved by the university. The students can write their answers in English/Hindi

14 Programme and Course Learning Outcomes

Individual programmes of study will have well defined learning **Programme Outcomes (POs)** which should be attained for the award of a specific Certificate/Diploma/Degree.

Each course will have well defined learning **Course Outcomes (COs)** specific to the learning for a given course of study related to a disciplinary or interdisciplinary/multi-disciplinary area. Course Outcomes (COs) will be mapped to Programme Outcomes (POs). The attainment of Course Outcomes will lead to the attainment of the Programme Outcomes.

15 Assessment and Evaluation

(i) Student Progression and Mentoring

Each student shall be examined in the course(s) to check their progression through the programme as laid down in the scheme, syllabus and learning outcomes through a system of Continuous Comprehensive Assessment (CCA) using a mix of Internal and End-Term evaluation.

- Internal Assessment will be broadly 30% of the total marks and weightage of 70% shall be given to evaluation of End-Term examination(s).

- Internal Assessment (30%) shall be broadly based on the following defined components: Class Participation; Seminar/Presentation/Assignment/Quiz/Class Test, etc. in case of Theory examination and Seminar/Demonstration/Viva-Voce/Lab record, etc. in case of Practical examination; Mid-Term Exam.
- The students who have failed in Internal Assessment/Minor Test will have to get aggregate forty percent marks in the End-Semester examination with no option of improvement of internal assessment.
- Internal Assessment Marks will be further distributed as per following tables:

Course Composition- Theory/(Theory +Tutorial)			
Course Credit	Internal	End-Term Exam	Total Marks
2	15	35	50
3	25	50	75
4	30	70	100

Course Composition- Theory + Practical						
Course Credit		Theory		Practical		Total Marks
Theory	Practical	Internal Marks	External Marks	Internal Marks	External Marks	
2	1	15	35	10	15	75
3	1	20	50	10	20	100
2	2	15	35	15	35	100
0	3	-	-	25	50	75
0	4	-	-	30	70	100

Total Internal Marks (Theory)	Class participation	Seminar/Presentation/ Assignment/ Quiz/Class Test, etc.	Mid-term exam
15	5	-	10
20	5	5	10
25	5	5	15
30	5	10	15

Total Internal Marks (Practicum)	Class participation	Seminar/Presentation/ Assignment/ Quiz/Class Test, etc.	Mid-term exam
10	5	5	-
15	5	10	-
25	5	10	10
30	5	10	15

- A student has to obtain minimum 40% marks (Grade 'P') in End-Term Examination and in aggregate (sum of the Internal Assessment and End-Term Examination marks) separately to qualify a course.

(ii) The pass percentage will be 40% (Grade 'P') both for theory and practicum End-Term Examination.

(iii) The Chairperson shall ensure uploading of the Internal Assessment marks before the commencement of the End-Term Semester Examinations on the examination portal of the University or as notified by the Controller of Examinations of the University.

(iv) Internal Assessment marks of a course shall be carried forward in case of re-appear examination of that course.

(v) The Chairperson shall preserve the record on the basis of which the Internal Assessment awards have been prepared, for inspection, if needed by the university for one year from the date of declaration of semester examination results.

16 Eligibility for Examination

End-Term Examination shall be open to a regular student who

(i) has been on the rolls of the Department during the semester.

(ii) has passed the requisite qualifying examination as laid down above, if she/he is a candidate for the First Semester Examination.

(iii) has her/his examination form submitted to the Examinations Branch through the Chairperson of the concerned Department.

(iv) has attended not less than 75% of the lectures in a course. This requirement shall be fulfilled separately for each course of the programme. A deficiency in the prescribed course (Lectures/Practicum, etc.) may be condoned by the Chairperson/Principal/ Director of the Department in deserving cases up to 15% (excluding 2% additional for Girl/Women student).

(v) These shall also include loss of attendance due to 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 condonation on this ground up to 10% in each paper on a certificate from the Dean/Director, Sports/Youth Welfare/Cultural Affairs, Placement Cell, NSS, ANO, NCC, YRC 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 condonation on all counts, falls below 50%.

(vi) Provided that a candidate who has not attended the requisite percentage of lectures/practicum shall not be eligible to take the End-Term Examination in the concerned theory/practicum unless she/he repeats the course and obtains requisite attendance.

17 Duration for Passing the Programme

(i) A student can complete a UG-PG degree programme within eight years. A student who fails to pass the whole examination(s) of a UG-PG programme within eight years of admission to the programme, shall be awarded Undergraduate Certificate/Diploma/Bachelor degree on the basis of qualified courses as per credit point, if eligible (Appendix-I; Table 2).

(ii) Each student will have to open an Academic Bank of Credit (ABC) account immediately for admission or during admission if admitted. At the end of each semester, credits earned by the students will be uploaded in her/his respective ABC account. A student registered in ABC account for a programme will be allowed to complete the respective programme within eight years or as per the time period stipulated in the ABC for accumulation of credits from time to time or within the period as prescribed by the university for the purpose.

(iii) The maximum duration of course will be determined on the basis of N+2 or N+3 as the case may be.

18 Conditions for Promotion to Higher Semester and Rules for Re-appear

(i) A student who has appeared and failed in one or more courses of the First Semester shall be allowed to study for and appear in the second semester. Such a student may pursue her/his studies for the next higher semester(s) and appear in the examination(s) for the same along with the examination for the lower semester(s) i.e. up to 6th semester.

(ii) There will be no condition of passing papers for promotion to higher semester/year in any academic programme up to 6th semester/3rd year, but for promotion to 7th semester/4th year a student must have to pass his/her 1st semester/1st year and for promotion to 8th semester, the 1st semester and the 2nd semester must be passed by the student concerned, subject to fulfilment of other conditions as prescribed in the ordinance to appear in the examination. For promotion to 9th semester/5th year a student must have to pass his/her 3rd semester/2nd year and for promotion to 10th semester, the 3rd semester and the 4th semester must be passed by the student concerned, subject to fulfilment of other conditions as prescribed in the ordinance to appear in the examination. However, the candidate will have to complete the degree within the maximum period allowed under the ordinance.

Provided that after completion of regular studies for the whole duration of a programme, the candidate will be allowed to appear in examination as an ex-student/private for the re-appear/left out courses under the permissible chances, within the prescribed time period to complete the programme.

(iii) A candidate who could not complete or has failed in a project/internship, she/he will get only one chance to repeat the project work/internship at the end of the next Semester. Further, if the candidate still fails or remains absent in the project/internship, then she/he will not be eligible for the award of the concerned UG Certificate/Diploma/Degree.

(iv) Grant of Mercy Chance is allowed within maximum duration of programme i.e. N+2 (where N stands for normal duration of the programme having duration of one to two years)/ N+3 (where N stands for normal duration of the programme having duration of three to five years) to a student who got re-appear and has availed two chances (with normal fee) and one special chance with enhanced fee as decided by the University from time to time to clear the re-appear paper(s) of a particular semester/year. Such mercy chance candidates will have to pay a fee of Rs. 5000/- per paper subject to maximum of Rs. 10000/- per semester/year as the case may be and the candidate will have to appear in the examination as and when to be conducted for that particular semester.

19 Examinations and Result

(i) End-Term Examinations for the odd semesters shall normally be held in November/December and for the even semesters in May/June, on such dates as may be notified by the Controller of Examinations from time to time.

(ii) Supplementary examinations will be held for Re-appear candidates as under:

Semester	When held
Odd Semester	Along with the First, Third, Fifth, Seventh and Nineth Semester
Even Semester	Along with the Second, Fourth, Sixth, Eight and Tenth Semester

(iii) The last date(s) by which the examination forms shall be uploaded on the examination portal shall be as per the schedule notified by the Controller of Examinations from time to time.

(iv) The amount of examination fee to be paid by a student for each semester shall be as prescribed by the University from time to time.

(v) The minimum Semester Grade Point Average (SGPA) to qualify a semester shall be 4.00 and minimum Cumulative Grade Point Average (CGPA) required for the award of the UG Certificate/Diploma/Degree shall be 4.00.

(vi) The Examination Branch shall prepare the Grade/Result and the Controller of Examinations will notify the same.

(vii) If a student is not able to pass any semester examination during her/his regular studies in the programme, her/his pass credits will be accumulated in the Academic Bank of Credits (ABC) and she/he can pass the deficient courses any time within eight years or as stipulated in the Academic Bank of Credits from time to time.

(viii) A student who discontinues her/his studies at any point of time may be permitted to re-join the programme of study and complete balance credits as per university rules.

(ix) **Academic Performance**

The academic performance will be determined on the basis of Letter Grades and Grade Points, and displayed in displayed in final Detailed Grade Certificate (DGC). Award of grades and the corresponding grade points will be based on absolute marks as per the following table:

Letter grade	Grade Point	Percent Marks
O (Outstanding)	10	>85
A+ (Excellent)	9	>75 to 85
A (Very Good)	8	>65 to 75
B+(Good)	7	>55 to 65
B (Above Average)	6	>50 to 55
C (Average)	5	>40 to 50
P (Pass)	4	40
F (Fail)	0	< 40
Ab	0	Absent

- The overall percentage of marks and the divisions will be determined by multiplying the SGPA or CGPA, as the case may be, by 10. The classification of division will be as under:

  First Division with Distinction: If percentage of marks is 85 or more in first attempt or through re-evaluation of any answer sheet of main examination.

  First Division: If percentage of marks is 60 or more and less than 85.

  Second Division: If percentage of marks is 50 or more and less than 60.

  Third Division: If percentage of marks is less than 50.

- A candidate eligible to take the examination obtaining Grade 'F'/'Ab' will be considered to have failed in the examination/course(s). Such a student will be required to re-appear in that examination/course(s) within the permissible chances.

20 Computation of SGPA and CGPA

The following shall be the procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

(i)   The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a candidate in all the courses taken by the candidate in a semester to the sum of the number of credits of all the courses undertaken by the candidate in that semester, i.e.

$$SGPA\ (Si) = \frac{\Sigma(Ci \times Gi)}{\Sigma Ci}$$

where C_i is the number of credits of the ith course and G_i is the grade point.

(ii) The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$CGPA\ (Si) = \frac{\Sigma(Ci \times Si)}{\Sigma Ci}$$

where S_i is the SGPA of the ith semester and C_i is the total number of credits in that semester.

(iii) The SGPA and CGPA shall be rounded off to 2 digits after decimal place and shall be reported in the Detail-Grade-Certificate (DGC).

A merit list will be prepared for a programme and University Medal will be awarded to a candidate who secures highest CGPA (rounded off to 2 digits after decimal place) with at lest First Division and stands first in the entire programme examination in the first attempt or through re-evaluation of any answer sheet of main examination. In case, when more than one student have the same CGPA, then University Medal shall be decided on the basis of actual obtained marks in the programme. Further, if the actual marks obtained are same than the candidate higher in age will be considered for award of University Medal.

21 Improvement

(i)   A candidate who has passed a UG Programme from GJUST, Hisar and took exit and is desirous of improving her/his CGPA in the respective programme (Certificate/Diploma/Degree), will be allowed to appear within next four Semester examinations of passing the sixth semester examination to appear as an ex-student in one or more theory course(s) of any one or two parts, out of Part-I (Semester I & II), Part-II (Semester III & IV) and Part-III (Semester V & VI) separately in four consecutive semester examinations and shall pay examination fee as for the whole semester examination in which she/he opts to appear.

(ii) A candidate who has passed a UG-PG Programme from GJUST, Hisar and is desirous of improving her/his CGPA, will be allowed to appear within next four Semester examinations of passing the tenth semester examination to appear as an ex-student in one or more theory course(s) of any one or two parts, out of Part-IV (Semester VII & VIII) and Part-V (Semester IX & X) separately in four consecutive semester examinations and shall pay examination fee as for the whole semester examination in which she/he opts to appear.

(iii) The result of improvement examinations shall be declared only if a candidate improves her/his CGPA of the respective programme. Provided further that if a student does not want to avail the remaining chances out of permissible four total

chances for improvement, then she/he will submit an undertaking to this effect for declaration of her/his final result. The fact that student has improved the performance/grade shall be mentioned in the Detailed-Grade-Certificate (DGC).

(iv) Improvement shall not be allowed in Internal Assessment/Practical/Internship/ Field Work/Project/Seminar/Studio etc.

(v) Those candidates who have taken migration certificate from this University will not be eligible for appearing in improvement examination.

The rules, syllabus and fees for improvement examinations shall be applicable as prevailing at that time or as prescribed by the university from time to time.

22 **Award of Grace Marks**
Grace marks will be awarded according to the university rules prevailing from time to time.

23 The ordinance in force at the time a student joins the programme shall hold good only for the examination held during or at the end of that academic 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 the students whether old or new.

24 **(i)** In the event of any inconsistency in the rules or any clarification thereof, the matter shall be referred to the Vice-Chancellor for interpretation, whose decision shall be final. The Vice-Chancellor is also competent to remove any inconsistency/make amendment in rules at any time and decide which provision shall take precedence over the other.

(ii) The Vice-Chancellor is authorized to make changes/amendments in the ordinance of different Schemes for effective implementation of Curriculum and Credit Framework of Undergraduate and Integrated 5 years Programmes under National Education Policy 2020.

(iii) Notwithstanding anything mentioned above, the Vice-Chancellor can relax any rule in exceptional cases or when situation demands so.

25 **Transitory Provision**
Students admitted to UG/Integrated Programmes under semester system in Department prior to the academic session 2023-24/2024-25 shall be governed by the old rules as applicable for that programme for that session. The present rules shall be applicable to the students who take admission in a programme according to Curriculum and Credit Framework for UG Programme (CCFUGP) and Curriculum and Credit Framework for PG Programmes of UGC as per NEP-2020 w.e.f. the academic session 2023-24/2024-25.

Table 1: UG/UG-PG Programme with single major from first semester: Scheme-C

Semester	Discipline Specific Courses (DSC)		Minor/ Courses (MIC) including Vocational Courses (VOC)	Multidisciplinary Courses (MDC)	Ability Enhancement Course (AEC)	Skill Enhancement Course (SEC)	Value Added Courses (VAC)	Total credits	Exit option
	Core	Elective							
I	DSC-A1 4 credits	DSC-A2 4 credits	MIC-1 4 credits	MDC-1 3 credits	AEC-1 2 credits	SEC-1 3 credits	VAC-1 2 credits	22	Under Graduate Certificate in Subject with 48 credits
II	DSC-A3 4 credits	DSC-A4 4 credits	MIC-2 4 credits	MDC-2 3 credits	AEC-2 2 credits	SEC-2 3 credits	VAC-2 2 credits	22	

Internship of 4 credits of 4 weeks duration after 2nd semester

Semester	Discipline Specific Courses (DSC)		Minor/ Vocational Courses (MIC)	Multidisciplinary Courses (MDC)	Ability Enhancement Course (AEC)	Skill Enhancement Course (SEC)	Value Added Courses (VAC)	Total credits	Exit option
	Core	Elective							
III	DSC-A5 4 credits	DSC-A6 4 credits	MIC-3 4 credits	MDC-3 3 credits	AEC-3 2 credits	SEC-3 3 credits	VAC-3 2 credits	22	Under Graduate Diploma in Subject with 94 credits
IV	DSC-A7 4 credits DSC-A8 4 credits	DSC-A9 4 credits DSC-A10 4 credits	MIC-4 (V) 4 credits		AEC-4 2 credits		VAC-4 2 credits	24	
			Internship of 4 credits of 4 weeks duration after 4th semester (if not done after 2nd semester)						
V	DSC-A11 4 credits DSC-A12 4 credits	DSC-A13 4 credits DSC-A14 4 credits	MIC-5 (V) 4 credits			Internship# 4 credits		24	Bachelor with Major in (Subject) after earning136 Credits
VI	DSC-A15 4 credits DSC-A16 4 credits	DSC-A17 4 credits DSC-A18 4 credits	MIC-6 (V) 4 credits			SEC-4 2 credits		22	
	72 credits		24 credits	9 credits	8 credits	11 credits + Internship 4 credits	6 credits	136	

#Four credits of internship, earned by a student during summer internship after 2nd semester or 4th semester, will be taken into account in 5th semester of a student who pursue 3 years UG Programme without taking exit option.

Fourth year (Honours programme)

Semester	Discipline Specific Courses			Minor Courses (MIC)	Total credits	Degree to be awarded
	Core	Elective	Practicum			
VII	DSC-H1 4 credits DSC-H2 4 credits DSC-H3 4 credits	DSC- H4 4 credits	DSC-H5 (P) 4 credits	MIC 6 4 credits	24	Bachelor of Arts/Science (Honours) in <major subject> with 184 Credits
VIII	DSC-H6 4 credits DSC-H7 4 credits DSC-H8 4 credits	DSC- H9 4 credits	DSC-H10 (P) 4 credits	MIC 7 4 credits	24	

OR

Fourth year (Honours with research programme)

Semester	Discipline Specific Courses			Minor Courses (MIC)	Total credits	Degree to be awarded
	Core	Elective	Practicum			
VII	DSC-H1 4 credits DSC-H2 4 credits DSC-H3 4 credits	DSC- H4 4 credits	DSC-H5 (P) 4 credits	MIC 6 4 credits	24	Bachelor of Arts/Science (Honours with Research) in <major subject> with 184 Credits
VIII	DSC-H6 4 credits DSC-H7 4 credits	Project/Dissertation 12 credits		MIC 7 4 credits	24	

Fifth year

Semester	Discipline Specific Courses			Seminar/Value Added Course/Open Elective/Employability & Entrepreneurship Skills Course	Total credits	Degree to be awarded
	Core	Elective	Practicum			
IX	DSC-M1 4 credits DSC-M2 4 credits DSC-M3 4 credits	DSC- M4 4 credits	DSC-M5 (P) 4 credits	2 credits	22	Master of Arts/Science <subject> with 228 Credits
X	DSC-M6 4 credits DSC-M7 4 credits DSC-M8 4 credits	DSC-M9 4 credits	DSC-M10 (P) 4 credits	2 credits	22	

OR

Semester	Discipline Specific Courses			Seminar/Value Added Course/Open Elective/Employability & Entrepreneurship Skills Course	Total credits	Degree to be awarded
	Core	Elective	Practicum			
IX	DSC-M1 4 credits DSC-M2 4 credits DSC-M3 4 credits	DSC- M4 4 credits	DSC-M5 (P) 4 credits	2 credits	22	Master of Arts/Science <subject> with 228 Credits
X	DSC-M6 4 credits DSC-M7 4 credits	Project/Dissertation 12 credits		2 credits	22	

17

Table 2: Credit Point Table for UG/5-Year UG Programme with single major from first semester: Scheme-C

Appendix-1

Sr. No.	Courses	Credits earned after						
		First year	Second year	Third year	Fourth year (Hons.)	Fourth year (Hons with research)	Fifth year	Fifth year
1	Discipline Specific Course (DSC)	16	40	72	112	100	152	140
2	Minor Course (MIC) including Vocational Courses (VOC)	8	16	24	32	32	32	32
3	Multidisciplinary Courses (MDC)	6	9	9	9	9	9	9
4	Ability Enhancement Courses (AEC)	4	8	8	8	8	8	8
5	Skill Enhancement Courses (SEC)	6	9	11	11	11	11	11
6	Value Added Courses (VAC)	4	8	8	8	8	8	8
7	Internship					12		12
8	Research						4	4
9	Seminar/Value Added Course/Open Elective/ Employability & Entrepreneurship Skills Course	4*	4*	4	4	4	4	4
	Total	48	94	136	184	184	228	228

*added in case of exit from programme

Notes for Tables:

i. A student of UG/UG-PG Programme (single major from first semester) will select one subject in the first year out of the pool of subjects in that discipline offered by the Department as Discipline Specific Course. Minor course can be offered from the same discipline and is different from the subject opted as Major Subjects of that discipline. In case of Physical Sciences and Life Sciences disciplines, the Minor Subject/Course may be offered either from the Science and Technology discipline.

ii. A student will study Discipline Specific Course and Minor Course from the discipline in which the admission was taken as per the scheme of the programme.

iii. A student will study AEC, VAC, SEC, MDC and Minor (Vocational) Courses from the respective pools of the courses offered by Department duly approved by the University.

v. For 1st and 2nd semester of UG/UG-PG Programme (single major from first semester), a student can choose a Minor course of 4 credit from the pool of Minor courses offered by the Department in that semester.

vi. From 3rd semester onwards, a Minor course will be will be taken out of the offered Minor courses of a subject offered by Department in that semester.

vii. A student will opt for MDC from the course/subject which is different from the discipline of major subjects and should also be different from the courses undergone at senior secondary level (Class XII).

viii. A student of UG/UG-PG programme (single major from first semester) will be offered UG Hons. programme in the fourth year offered by the Department. However, if the student gets 7.5 CGPA then the students may opt UG Hons. with research programme in the fourth year offered by the Department.

ix. The fifth year is a PG programme (one year) in that subject offered by the Department.

Guru Jambheshwar University of Science and Technology
Hisar-125001, Haryana
('A+' NAAC Accredited State Govt. University)

Ordinance governing UG/5 years Integrated UG-PG Programme
(Interdisciplinary)
as per National Education Policy-2020

SCHEME-D for UTDs
(UG Certificate, UG Diploma, Bachelor of <discipline>, Bachelor of <discipline>
(Hons./Hons. with Research), Master of <discipline>)
SEMESTER SYSTEM
Under Learning Outcome Based Curriculum Framework-Choice Based Credit System
(LOCF-CBCS) as per NEP-2020
(w.e.f. Session 2024-25)

1. Scope

This Ordinance is based on National Education Policy-2020 (NEP-2020), Learning Outcome Based Curriculum Framework-Choice Based Credit System (LOCF-CBCS) and is according to the Curriculum and Credit Framework for UG Programmes and Curriculum and Credit Framework for PG Programmes of University Grants Commission and as per Memo No. DHE-170005/5/2023-Deputy Director-NPE dated June 8, 2023 regarding implementation of the key components of NEP-2020 in Colleges and Universities.

(i)   The duration of the programme for the award of Undergraduate Certificate in the subject will be one academic year and of Undergraduate Diploma in the subject will be two academic years. The duration of Bachelor of <discipline> will be three academic years. The duration of Bachelor of <discipline> (Hons./Hons. with Research) in the subject is four years programme and Master of <discipline> is five years. Each academic year will be divided into two semesters i.e., July to December and January to June. There shall be teaching of 15 weeks/90 days in each semester.

(ii)   The nomenclature of the Certificate/Diploma/Degree will be as under:

     (a) UG Certificate in <discipline>
     (b) UG Diploma in <discipline>
     (c) Bachelor of <discipline>
     (d) Bachelor of <discipline> (Hons./Hons. with Research)
     (e) Master of <discipline>

2. Key Terms

(i)   **Learning Outcome based Curriculum Framework (LOCF):** The learning outcomes of the programme (POs) are mapped against well-defined Course Outcomes (COs).

(ii)   **Choice Based Credit System (CBCS):** The CBCS provides choices to students to select disciplinary, multidisciplinary and interdisciplinary courses to fit into their own requirements and to learn at their own pace within the framework.

(iii)   **Programme:** A programme is made up of courses/subjects and leads to the award of a UG Certificate or UG Diploma or Bachelor Degree or Bachelor Degree (Hons./Hons. with Research) or Master Degree after completing requisite courses successfully.

(iv) **Course/Subject**: A course/subject refers to components of a programme. A course/subject may comprise of lectures/tutorials/practicum or laboratory work/field practice/project work/seminar/community engagement and service/internship/dissertation, etc. or any combination of these.

(v) **Credit**: A unit by which the course work is measured. It determines the number of hours of instructions required per week over the duration of one semester. For calculation of the teaching hours, one credit means one hour of lecture or one hour of tutorial or one hour of seminar or two hours of practicum/laboratory work per week over the duration of a semester.

(vi) **Lecture**: Component of a course/subject which is taught by a teacher through lectures covering the contents of a course/subject.

(vii) **Tutorial**: Component of a course/subject which involves problem-solving, learning through discussions and remedial teaching related to the contents and periphery of a course/subject with the direct involvement of a teacher.

(viii) **Practicum**: A course/subject or a component of a course/subject which enables students to learn or to attain skills or to get procedural knowledge for the contents of a course/subject through practical/laboratory activity/project and to apply the studied principles/theory/ concepts related to the chosen field of learning, work/vocation, or professional practice in the field of learning, under the supervision of a teacher.

(ix) **Seminar**: A course/subject or a component of a course/subject which makes students to learn a specific topic through in-depth exploration and analysis of facts about the topic in a set-up that involves presentation, interactive discussions and collaborative learning under the supervision of a teacher.

(x) **Internship**: A course/subject requiring students to participate in professional employment-related activity or work experience or co-operative education activity with an entity external to the educational institution normally under the supervision of an employee of an organization or an individual professional. A key aspect of the internship is induction into actual, formal and organized work situations. Internship involves working with local industry (Government or Private organizations), business establishments, artists, craft persons, etc. to provide opportunities for students to actively engage in on-site experiential learning.

(xi) **Studio Activity**: A studio activity involves engagement of students in creative, artistic or experimental activities involving visual, digital, audio, video and other professional experiential work.

(xii) **Field Work/Practice/Survey/Project**: A course/subject or a component of course/subject which enables students to participate in field-based learning/project, involving application of knowledge in solving/analyzing/exploring a real-life situation/problem under the supervision of a teacher/mentor.

(xiii) **Project Work**: A course/subject or a component of a course/subject which facilitates students to apply their knowledge, skills and critical thinking ability to complete a specific task in a given time frame through conceptualization, exploration and analysis of research-based activities to suggest tangible solutions for a given problem related to the chosen field of learning.

(xiv) **Dissertation**: Dissertation is a comprehensive report of the work done in a research project/field work/survey, based on a systematic and rigorous investigation of the chosen topic utilizing research methods.

(xv) **Community Engagement and Service**: A course/subject or a component of a course/subject which exposes the students to the socio-economic issues prevailing in society so that the theoretical learning can be supplemented by actual life experiences to understand and generate solutions to real-life problems.

(xvi) **N+2** (where N stands for normal duration of the programme having duration of one to two years)/ **N+3** (where N stands for normal duration of the programme having duration of three to five years).

3 Courses

(i) **Discipline Specific Courses (DSC):** A major course/subject as discipline specific course is the field in which a student focuses for understanding and skills majorly in the chosen field of learning contributing to the core of the programme. This may include Core, Elective and Skill-enhancement courses/Practicum.

(ii) **Minor Courses (MIC):** Minor course/subject aims to expand student's knowledge beyond the major field of study. A student will study MIC in a subject preferably other than the subject of Discipline Specific Courses. This will also include **Vocational Course (VOC)** that will assists student in developing work-force relevant skills through practical work and enhances the employability of student.

(iii) **Multidisciplinary Courses (MDC):** These courses are based on introductory knowledge in a subject. A student will study MDC in a subject other than the subject of Discipline Specific and Minor subjects/courses to gain knowledge across the disciplines.

(iv) **Ability Enhancement Courses (AEC):** These courses aim at enabling the students to achieve competency in the English language or Modern Indian Languages (MIL) other foreign language with special emphasis on language and communication skills.

(v) **Skill Enhancement Courses (SEC):** These courses aim at imparting practical skills, hands-on training, soft skills, etc. to enhance the employability of students.

(vi) **Value-Added Courses (VAC):** These courses aim at enabling the students to acquire and demonstrate the acquisition of knowledge and understanding of human values, Indian Knowledge System (IKS), contemporary India, environmental science and education, digital and technical solutions, health and wellness, yoga education, sports and fitness, etc.

4 Evaluation terms

(i) **Letter Grade:** It is an index of the performance of a student in a course. Grades are denoted by letters O, A+, A, B+, B, C, P, F and Ab depending on the score earned in that course.

(ii) **Grade Point:** It is a numerical value allotted to each letter grade on a 10-point scale.

(iii) **Credit Point:** It is the product of grade point and number of credits for a course.

(iv) **Semester Grade Point Average (SGPA):** It is a measure of performance of a student in a semester. It is the ratio of total credit points secured by a student in all the courses registered in a semester to the total of the credits of the courses taken during that semester. It shall be expressed up to two digits after decimal place.

(v) **Cumulative Grade Point Average (CGPA):** It is a measure of overall cumulative performance of a student in a programme over all the semesters. The CGPA is the ratio of total credit points secured by a student in all the courses of the programme to the sum of the total credits of all the courses of the programme. It shall be expressed up to two digits after decimal place.

(vi) **Detailed-Grade-Certificate:** Based on the grades earned, a grade certificate shall be issued to all the registered students after every semester. The Detailed-Grade-Certificate (DGC) will display the course details (code, title, number of credits, grade secured) along with SGPA of that semester.

5 Academic Bank of Credits (ABC):

It is a virtual/digital mechanism that contains information of the credits earned by individual students throughout their learning journey in Higher Education Institutions in India recognized by UGC. The Automated Permanent Academic Account Registry (APAAR) ID is also being introduced as a pivotal component. The APAAR ID serves as a lifelong academic passport, consolidating all achievements and credential of a student in one place. This will help enabling students mobility across higher education institution.

6 Programme Duration and Multiple Exit Options

All programmes shall be offered as per UGC list of 'Specification of Degree' prevailing from time to time. The programme duration and options for multiple entry and exit will be as per UG/PG Curriculum Framework– Scheme-D (*Appendix-I; Table-1*).

(i)   A student will be allowed an exit option after passing first academic year of the UG/UG-PG Programme with requisite 52 credits including the 4 credits of internship of minimum of 4 weeks duration as per scheme of the programme and will be awarded an Undergraduate Certificate in <discipline> (*Appendix-I; Table-2*).

(ii) A student will be allowed an exit option after passing two academic years of the UG/UG-PG Programme with requisite 96 credits including the 4 credits of internship of minimum of 4 weeks duration as per scheme of the programme and will be awarded Undergraduate Diploma in <discipline> (*Appendix-I; Table-2*).

(iii) A student will be awarded with Bachelor of <discipline> after successfully completing three academic years of UG/UG-PG Programme and earning requisite 132 credits including the 4 credits of internship of minimum of 4 weeks duration as per scheme of the programme (*Appendix-I; Table-2*).

(iv) A student, who has successfully completed three years UG/UG-PG Programme (Interdisciplinary) and has earned minimum 60 credits in the Major subject, can opt for Honours Programme in that subject in the fourth year. If the Department allows to continue the student or admits the student for fourth year of Honours Programme, then the student will be awarded with Bachelor degree (Honours) in <discipline> after successfully completing four academic years of UG/UG-PG Programme and earning requisite 180 credits including the 4 credits of internship of duration 4 weeks as per scheme of the programme (Appendix-I; Table-2).

(v)   A student, who has successfully completed three years UG/UG-PG Programme and has earned minimum 60 credits in the major subject and obtained CGPA of 7.5 or more, can opt for Honours with Research Degree Programme in that subject in the fourth year. If a student opts to continue or is admitted by the Department to Honours with Research Programme in the fourth year, then the student will be awarded with Bachelor Degree (Honours with Research) in <discipline> after successfully completing four academic years of UG/UG-PG Programme and earning requisite 180 credits including the 4 credits of internship of duration 4 weeks and 12 credit of Project/Dissertation as per scheme of the programme (*Appendix-I; Table-2*)

(vi) A student will be awarded with Master degree in <discipline> (one year) after successfully completing five academic years of UG-PG Programme and earning requisite 224 credits including the 4 credits of internship of minimum of 4 weeks duration as per scheme of the programme (*Appendix-I; Table-2*).

7 Admission to a UG/5 years Integrated UG-PG Programme under Multiple Entry

(i)   The Department shall declare approved total number of seats available discipline-wise/subject-wise each year for fresh and lateral admissions.

(ii) The Department can plan the number of seats discipline-wise/subject-wise in consonance with the faculty and infrastructure available.

(iii) A student can pursue two Undergraduate/Postgraduate Programme simultaneously through Open and Distance Learning (ODL)/online mode; or combinations of ODL, online and regular modes, from the same or different Universities/Institutions duly approved by the UGC/AICTE/Regulatory Body/Central Government/State Government, in various combinations, viz.

- A student can pursue two full-time UG and/or PG Programme in physical mode provided that in such cases, class timings and examination schedule for one programme do not overlap with the class timings and examination schedule of the other programme, and requirements under clause 7(iv) are fulfilled. The Department/University shall not be responsible for any such overlapping and consequences thereof.
- A student can pursue two UG and/or PG Programme, one in full-time physical mode and another in ODL/online mode; or up to two ODL/online programmes simultaneously.

(iv) **Minimum Eligibility Conditions for Admission**

A candidate who has passed Senior Secondary Certificate Examination (Class XII level) of the Board of School Education, Haryana; or any other examination recognized as equivalent thereto with minimum passing marks (as prescribed in the University Prospectus from time to time) in aggregate with English as one of the subjects, shall be eligible to join First Semester of the Undergraduate (UG) Programme.

Further, eligibility conditions for admission to a programme shall be applicable as mentioned in the scheme of the concerned programme.

Note: Eligibility conditions are subject to change according to the implementation of National Curriculum Framework (NCrF) for school education or in accordance with any such guidelines issued by the Central/State Government or issued by University from time to time.

(v) The student opting for exit must inform in writing to the Department by 30th June of every year. The student is allowed multiple entry into a UG-PG Programme. For example, the student can re-enter into second year of a programme if she/he has taken an exit option after first year. Similarly, re-entry into the third year is allowed if exit option was exercised by a student after getting UG Diploma. In any case, the gap between the exit and the re-entry into the UG-PG Programme should not be more than three years subject to completion of the whole UG-PG Programme within eight years. Multiple entry shall be allowed in the Department subject to the availability of seats in the concerned programme in that year in that Department. In case of re-entry, the scheme and syllabus currently running will be applicable.

(vi) Lateral admissions against sanctioned vacant seats may be filled by the Department category wise following the State Govt. norms for reservation in an odd semester. Lateral admission may be provided in the 3rd, 5th, 7th and 9th semesters if a student has passed all the preceding examinations up to 2nd, 4th, 6th, and 8th semester, respectively of the concerned programme under NEP Curriculum Framework. However, this will be subject to fulfilment of other eligibility conditions for the programme in which the admission is sought.

First preference in the lateral admission will be given to the students of that Department who had taken exit from that programme and are seeking re-entry into the same institution, for this a cut-of-date will be notified by Department.

8 Subjects/Courses of UG/UG-PG Programmes

(i) A student of UG/UG-PG Programme (Interdisciplinary), herein after called Scheme-D, will study will study three courses of the discipline in each semester as prescribed in the scheme of the concerned programme.

(ii) A student will study Discipline Specific, Minor, Minor (Vocational), AEC, VAC, SEC and MDC courses as per Curriculum Framework Scheme-D (*Appendix-I; Table 1*).

(iii) For UG-PG Programme (Scheme-D), a Minor Course different from DSCs will be of 2 credits each in first and second semesters and will be opted from the pool of Minor subjects/courses from that discipline as offered by the Departments in that semester. The same minor subject be studied in subsequent semesters.

(iv) A student will study three Multidisciplinary Courses (MDCs) in first three semesters. The Multidisciplinary Courses (MDCs) will be from the subject/course which is different from the Discipline Specific and Minor subjects/courses. Students are not allowed to choose or repeat courses already undergone at the Senior Secondary Level (Class XII) or Discipline Specific and Minor subjects/courses under this category. Provided further that if a Multidisciplinary Course (MDC) across the discipline cannot be offered by the Department, due to its constraints and available resources, then

- A subject from the same discipline can be offered as MDC course if that subject also belongs to the list of subjects of some other discipline.
- MDC can be opted out of MOOCs through SWAYAM.
- MDC can be completed out of online course(s) offered by GJUST.

Note: The student himself/herself has to pay the requisite fee and/or re-appear fee as applicable from time to time. Department shall not be responsible for any issue(s) related to MOOCs, online course(s) or else.

(v) A student will select AEC, SEC, VAC and Minor (Vocational) courses from a pool of respective courses offered.

Depending upon the availability of faculty and infrastructure, a Department may offer AEC, SEC, VAC and Minor (Vocational) courses from the respective pool of courses duly approved by the University. University will review and revise such pools from time to time by taking proposals of Department into consideration.

(vi) A student will study VAC– 'Environmental Studies' which is mandatory and at least one SEC to gain computer competency before exit. The number of these courses will be offered by the Department according to the availability of faculty and infrastructure.

(vii) In the subjects/courses which involve practicum, i.e., Practical/Laboratory/Studio/ Project/ Survey/Field work, etc., a course of 4 credits will dedicate 3 credits for lectures and one credit for practicum or 4 credits for lectures. In other subjects/courses not having practicum component, a course of 4 credits will dedicate 3 credits for lectures and 1 credit for tutorial or 4 credits for lectures.

In extreme case, if the practicum course is offered as a separate course in that subject, all the credits will be dedicated to practicum.

In the case, when tutorial of 1 credit is not adopted/implemented in a subject, then all the credits of that course will be dedicated to lectures only.

(viii) In case of AEC and VAC of 2 credits, the entire 2 credits will be allocated to lectures.

(ix) The SEC of 3 credit may either be 3 credits of Lectures or 2 credit Lectures and 1 credit practicum/Seminar/tutorial or 3 credits practicum.

(x) In case of Minor (Vocational) courses/subjects, where practicum component is dominant, a course of 4 credits may allocate 2 credits to lectures and 2 credits to

practicum. Similarly, a course of 4 credits may be divided into 2 credits of lectures and 2 credits of practicum in the subjects where the practicum component of the course is major and teaching-learning process mainly depends upon practicum, e.g. Yoga, etc.

9 Contact hours/workload

The weekly contact hours/workload for theory/practical/laboratory/studio/project/survey/field work, etc. components of the courses will be:

(i)   1 credit theory/tutorial = 1 hour;

(ii)   1 credit practical/laboratory/studio/project/survey/field work = 2 hours.

(iii) The tutorial and practical/laboratory/studio/project/survey/field work will be conducted in groups of students and one group will comprise of 15-20 students.

10 Online Courses

With the permission of Department, a student can opt for online courses (at own level), up to 40% of the courses of the programme except Discipline Specific Courses and Skill Enhancement courses, through online platform SWAYAM or online courses offered by GJUST, Hisar or through other such online platforms approved by the UGC as per university guidelines prevailing time to time.

11 Internship

Every student for the UG/UG-PG Programme shall be required to undergo 4 credits internship of minimum of 4 weeks duration before taking an exit or completing the degree programme.

(i)   A student for the UG/UG-PG Programme shall be required to undergo internship during summer vacation either after the second semester examination or after the fourth semester examination. If she/he opts to exit with Undergraduate Certificate in the discipline, then it shall be obligatory to complete the internship after second semester examination.

However, for those students who have taken lateral entry into the third semester and have completed internship of minimum of 4 weeks duration during first year, the internship is not required after the fourth semester examination.

(ii)   A student will inform and get approval from the Chairperson of the Department before going for an internship. The internship will involve working with local industry (Government or Private organizations/ Institutions), business establishments, artists, craft persons, or a professional (individual/organization). Student will submit a copy of the report (a hard copy and a soft copy in PDF) to the Department within 15 days after the completion of internship. A student must submit a certificate of attendance and work done report from the organization/professional where the internship was done. The evaluation of the internship shall be done by a committee comprising of at least two senior teachers appointed by the Chairperson of the Department. Marks will be awarded by the committee out of 100 marks on the basis of the report and viva-voce examination.

(iii) The internship will be governed by the prevailing rules of the University from time to time.

12   Project/Dissertation

A student of fourth-year Bachelor Degree (Honours with Research) programme will be required to work on the Research Project or do research during eighth semester. The Project/Dissertation work will be of 12 credits.

(i)   A student, who has been admitted in a Honours with Research programme, shall submit a request for allotment of supervisor mentioning her/his research areas of interest in order of preference to the Chairperson during seventh semester. The Department shall allot a qualified supervisor to guide the student for doing research during Project/Dissertation work. A regular full-time teacher of that Department, who is eligible to supervise Ph.D. scholars as per ordinance of Doctor of Philosophy of the university, will be eligible to guide the students of Honours with Research Programme.

(ii)   The student will submit the synopsis to the supervisor. The synopsis will be approved by the Departmental Research Committee after recommendation of the supervisor. External experts may be involved wherever sufficient qualified regular teachers are not available.

(iii)   The student shall be required to submit three hard copies of her/his dissertation along with soft copy as PDF file to the Department by 30th June of the concerned year. The late submission can be allowed with late fees as decided by the university from time to time.

(iv)   The Anti-plagiarism policy of the university is to be strictly followed by the candidate and the supervisor. Similarity report as per anti-plagiarism policy of the university is to be annexed with the dissertation.

(v)   Evaluation of the dissertation shall be done by an external examiner. The dissertation work will be of total 12 credits (300 marks) and evaluation will be done in two components; report of dissertation (200 marks) and open viva-voce examination (100 marks).

13 Medium of Instructions and Examination

(i)   For all subjects, the medium of instructions shall be mainly English. Hindi medium may also be offered wherever feasible and approved by the university. The question paper shall be set in English. Bilingual question paper (s) will be provided, wherever possible and approved by the university. The students can write their answers in English/Hindi depending on the medium of instructions and language of the course content/syllabus, except in the case of
  - English, in which the questions shall be set in English.
  - Sanskrit, in which the questions shall be set in Sanskrit/Hindi.
  - Other languages, in which the questions shall be set in the language concerned.

(ii)   The students shall write their answers:
  - in English, in case of English language
  - in the language concerned, in the case of Modern Indian Languages
  - English in the case of other subjects.

Note: The certificate for medium of instruction if required by the student will be issued by the Chairperson of the concerned Department.

14 Programme and Course Learning Outcomes

Individual programmes of study will have well defined learning **Programme Outcomes (POs)** which should be attained for the award of a specific Certificate/Diploma/Degree.

Each course will have well defined learning **Course Outcomes (COs)** specific to the learning for a given course of study related to a disciplinary or interdisciplinary/multi-disciplinary area. Course Outcomes (COs) will be mapped to Programme Outcomes (POs). The attainment of Course Outcomes will lead to the attainment of the Programme Outcomes.

15 Assessment and Evaluation

(i) Student Progression and Mentoring

Each student shall be examined in the course(s) to check their progression through the programme as laid down in the scheme, syllabus and learning outcomes through a system of Continuous Comprehensive Assessment (CCA) using a mix of Internal and End-Term evaluation.

- Internal Assessment will be broadly 30% of the total marks and weightage of 70% shall be given to evaluation of End-Term examination(s).
- Internal Assessment (30%) shall be broadly based on the following defined components: Class Participation; Seminar/Presentation/Assignment/Quiz/Class Test, etc. in case of Theory examination and Seminar/Demonstration/Viva-Voce/Lab record, etc. in case of Practical examination; Mid-Term Exam.
- The students who have failed in Internal Assessment/Minor Test will have to get aggregate forty percent marks in the End-Semester examination with no option of improvement of internal assessment.
- Internal Assessment Marks will be further distributed as per following tables:

Course Composition- Theory/(Theory +Tutorial)			
Course Credit	Internal	End-Term Exam	Total Marks
2	15	35	50
3	25	50	75
4	30	70	100

Course Composition- Theory + Practical					
Course Credit		Theory		Practical		Total Marks
Theory	Practical	Internal Marks	External Marks	Internal Marks	External Marks	
2	1	15	35	10	15	75 ·
3	1	20	50	10	20	100
2	2	15	35	15	35	100
0	3	-	-	25	50	75
0	4	-	-	30	70	100

Total Internal Marks (Theory)	Class participation	Seminar/Presentation/ Assignment/ Quiz/Class Test, etc.	Mid-term exam
15	5	-	10
20	5	5	10
25	5	5	15
30	5	10	15

Total Internal Marks (Practicum)	Class participation	Seminar/Presentation/ Assignment/ Quiz/Class Test, etc.	Mid-term exam
10	-	10	-
15	5	10	-
25	5	10	10
30	5	10	15

- A student has to obtain minimum 40% marks (Grade 'P') in End-Term Examination and in aggregate (sum of the Internal Assessment and End-Term Examination marks) separately to qualify a course.

(ii) The pass percentage will be 40% (Grade 'P') both for theory and practicum End-Term Examination.

(iii) The Chairperson shall ensure uploading of the Internal Assessment marks before the commencement of the End-Term Semester Examinations on the examination portal of the University or as notified by the Controller of Examinations of the University.

(iv) Internal Assessment marks of a course shall be carried forward in case of re-appear examination of that course.

(v) The Chairperson shall preserve the record on the basis of which the Internal Assessment awards have been prepared, for inspection, if needed by the university for one year from the date of declaration of semester examination results.

16 Eligibility for Examination

End-Term Examination shall be open to a regular student who

(i) has been on the rolls of the Department during the semester.

(ii) has passed the requisite qualifying examination as laid down above, if she/he is a candidate for the First Semester Examination.

(iii) has her/his examination form submitted to the Examinations Branch through the Chairperson of the concerned Department.

(iv) has attended not less than 75% of the lectures in a course. This requirement shall be fulfilled separately for each course of the programme. A deficiency in the prescribed course (Lectures/Practicum, etc.) may be condoned by the Chairperson/Director of the Department in deserving cases up to 15% (excluding 2% additional for Girl/Women student).

(v) These shall also include loss of attendance due to 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 condonation on this ground up to 10% in each paper on a certificate from the Dean/Director, Sports/Youth Welfare/Cultural Affairs, Placement Cell, NSS, ANO, NCC, YRC 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 condonation on all counts, falls below 50%.

(vi) Provided that a candidate who has not attended the requisite percentage of lectures/practicum shall not be eligible to take the End-Term Examination in the concerned theory/practicum unless she/he repeats the course and obtains requisite attendance.

17 Duration for Passing the Programme

(i) A student can complete a UG-PG degree programme within eight years. A student who fails to pass the whole examination(s) of a UG programme within eight years of admission to the programme, shall be awarded Undergraduate Certificate/Diploma/Bachelor Degree on the basis of qualified courses as per credit point, if eligible *(Appendix-I; Table 2)*.

(ii) Each student will have to open an Academic Bank of Credit (ABC) account immediately for admission or during admission if admitted. At the end of each semester, credits earned by the students will be uploaded in her/his respective ABC account. A student registered in ABC account for a programme will be allowed to complete the respective programme within eight years or as per the time period stipulated in the ABC for accumulation of credits from time to time or within the period as prescribed by the university for the purpose.

(iii) The maximum duration of course will be determined on the basis of N+2 or N+3 as the case may be.

18 Conditions for Promotion to Higher Semester and Rules for Re-appear

(i) A student who has appeared and failed in one or more courses of the First Semester shall be allowed to study for and appear in the second semester. Such a student may pursue her/his studies for the next higher semester(s) and appear in the examination(s) for the same along with the examination for the lower semester(s) i.e. up to 6th semester.

(ii) There will be no condition of passing papers for promotion to higher semester/year in any academic programme up to 6th semester/3rd year, but for promotion to 7th semester/4th year a student must have to pass his/her 1st semester/1st year and for promotion to 8th semester, the 1st semester and the 2nd semester must be passed by the student concerned, subject to fulfilment of other conditions as prescribed in the ordinance to appear in the examination. For promotion to 9th semester/5th year a student must have to pass his/her 3rd semester/2nd year and for promotion to 10th semester, the 3rd semester and the 4th semester must be passed by the student concerned, subject to fulfilment of other conditions as prescribed in the ordinance to appear in the examination. However, the candidate will have to complete the degree within the maximum period allowed under the ordinance.

Provided that after completion of regular studies for the whole duration of a programme, the candidate will be allowed to appear in examination as an ex-student/private for the re-appear/left out courses under the permissible chances, within the prescribed time period to complete the programme.

(iii) A candidate who could not complete or has failed in a project/internship, she/he will get only one chance to repeat the project work/internship at the end of the next Semester. Further, if the candidate still fails or remains absent in the project/internship, then she/he will not be eligible for the award of the concerned UG Certificate/Diploma/Degree.

(iv) Grant of Mercy Chance is allowed within maximum duration of programme i.e. N+2 (where N stands for normal duration of the programme having duration of one to two years)/ N+3 (where N stands for normal duration of the programme having duration of three to five years) to a student who got re-appear and has availed two chances (with normal fee) and one special chance with enhanced fee as decided by

11

the University from time to time to clear the re-appear paper(s) of a particular semester/year. Such mercy chance candidates will have to pay a fee of Rs. 5000/- per paper subject to maximum of Rs. 10000/- per semester/year as the case may be and the candidate will have to appear in the examination as and when to be conducted for that particular semester.

19 Examinations and Result

(i) End-Term Examinations for the odd semesters shall normally be held in November/December and for the even semesters in May/June, on such dates as may be notified by the Controller of Examinations from time to time.

(ii) Supplementary examinations will be held for Re-appear candidates as under:

Semester	When held
Odd Semester	Along with the First, Third, Fifth, Seventh and Nineth Semester
Even Semester	Along with the Second, Fourth, Sixth, Eight and Tenth Semester

(iii) The last date(s) by which the examination forms shall be uploaded on the examination portal shall be as per the schedule notified by the Controller of Examinations from time to time.

(iv) The amount of examination fee to be paid by a student for each semester shall be as prescribed by the University from time to time.

(v) The minimum Semester Grade Point Average (SGPA) to qualify a semester shall be 4.00 and minimum Cumulative Grade Point Average (CGPA) required for the award of the UG Certificate/Diploma/Degree shall be 4.00.

(vi) The Examination Branch shall prepare the Grade/Result and the Controller of Examinations will notify the same.

(vii) If a student is not able to pass any semester examination during her/his regular studies in the programme, her/his pass credits will be accumulated in the Academic Bank of Credits (ABC) and she/he can pass the deficient courses any time within eight years or as stipulated in the Academic Bank of Credits from time to time.

(viii) A student who discontinues her/his studies at any point of time may be permitted to re-join the programme of study and complete balance credits as per university rules.

(ix) **Academic Performance**
The academic performance will be determined on the basis of Letter Grades and Grade Points, and displayed in displayed in final Detailed Grade Certificate (DGC). Award of grades and the corresponding grade points will be based on absolute marks as per the following table:

Letter grade	Grade Point	Percent Marks
O (Outstanding)	10	>85
A+ (Excellent)	9	>75 to 85
A (Very Good)	8	>65 to 75
B+(Good)	7	>55 to 65
B (Above Average)	6	>50 to 55
C (Average)	5	>40 to 50
P (Pass)	4	40
F (Fail)	0	< 40
Ab	0	Absent

- The overall percentage of marks and the divisions will be determined by multiplying the SGPA or CGPA, as the case may be, by 10. The classification of division will be as under:
  First Division with Distinction: If percentage of marks is 85 or more in first attempt or through re-evaluation of any answer sheet of main examination.
  First Division: If percentage of marks is 60 or more and less than 85.
  Second Division: If percentage of marks is 50 or more and less than 60.
  Third Division: If percentage of marks is less than 50.

20 Computation of SGPA and CGPA

The following shall be the procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

(i) The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a candidate in all the courses taken by the candidate in a semester to the sum of the number of credits of all the courses undertaken by the candidate in that semester, i.e.

$$SGPA\ (Si) = \frac{\Sigma(Ci \times Gi)}{\Sigma Ci}$$

where Ci is the number of credits of the ith course and Gi is the grade point.

(ii) The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$CGPA\ (Si) = \frac{\Sigma(Ci \times Si)}{\Sigma Ci}$$

where Si is the SGPA of the ith semester and Ci is the total number of credits in that semester.

(iii) The SGPA and CGPA shall be rounded off to 2 digits after decimal place and shall be reported in the Detail-Grade-Certificate (DGC).

A merit list will be prepared for a programme and University Medal will be awarded to a candidate who secures highest CGPA (rounded off to 2 digits after decimal place) with at lest First Division and stands first in the entire programme examination in the first attempt or through re-evaluation of any answer sheet of main examination. In case, when more than one student have the same CGPA, then University Medal shall be decided on the basis of actual obtained marks in the programme. Further, if the actual marks obtained are same than the candidate higher in age will be considered for award of University Medal.

21 Improvement

(i) A candidate who has passed a UG Programme from GJUST, Hisar and took exit and is desirous of improving her/his CGPA in the respective programme (Certificate/Diploma/Degree), will be allowed to appear within next four Semester examinations of passing the sixth semester examination to appear as an ex-student in one or more theory course(s) of any one or two parts, out of Part-I (Semester I & II), Part-II (Semester III & IV) and Part-III (Semester V & VI) separately in four consecutive semester examinations and shall pay examination fee as for the whole semester examination in which she/he opts to appear.

(ii) A candidate who has passed a UG-PG Programme from GJUST, Hisar and is desirous of improving her/his CGPA, will be, allowed to appear within next four Semester

13

examinations of passing the tenth semester examination to appear as an ex-student in one or more theory course(s) of any one or two parts, out of Part-IV (Semester VII & VIII) and Part-V (Semester IX & X) separately in four consecutive semester examinations and shall pay examination fee as for the whole semester examination in which she/he opts to appear.

(iii) The result of improvement examinations shall be declared only if a candidate improves her/his CGPA of the respective programme. Provided further that if a student does not want to avail the remaining chances out of permissible four total chances for improvement, then she/he will submit an undertaking to this effect for declaration of her/his final result. The fact that student has improved the performance/grade shall be mentioned in the Detailed-Grade-Certificate (DGC).

(iv) Improvement shall not be allowed in Internal Assessment/Practical/Internship/ Field Work/Project/Seminar/Studio etc.

(v) Those candidates who have taken migration certificate from this University will not be eligible for appearing in improvement examination.

The rules, syllabus and fees for improvement examinations shall be applicable as prevailing at that time or as prescribed by the university from time to time.

22 **Award of Grace Marks**
Grace marks will be awarded according to the university rules prevailing from time to time.

23 The ordinance in force at the time a student joins the programme shall hold good only for the examination held during or at the end of that academic 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 the students whether old or new.

24 (i) In the event of any inconsistency in the rules or any clarification thereof, the matter shall be referred to the Vice-Chancellor for interpretation, whose decision shall be final. The Vice-Chancellor is also competent to remove any inconsistency/make amendment in rules at any time and decide which provision shall take precedence over the other.

(ii) The Vice-Chancellor is authorized to make changes/amendments in the ordinance of different Schemes for effective implementation of Curriculum and Credit Framework of Undergraduate and Integrated 5 years Programmes under National Education Policy 2020.

(iii) Notwithstanding anything mentioned above, the Vice-Chancellor can relax any rule in exceptional cases or when situation demands so.

25 **Transitory Provision**
Students admitted to UG/Integrated Programmes under semester system in Department prior to the academic session 2023-24/2024-25 shall be governed by the old rules as applicable for that programme for that session. The present rules shall be applicable to the students who take admission in a programme according to Curriculum and Credit Framework for UG Programme (CCFUGP) and Curriculum and Credit Framework for PG Programmes of UGC as per NEP-2020 w.e.f. the academic session 2023-24/2024-25.

Table 1: UG/Integrated UG-PG Programme (Interdisciplinary): Scheme-D

Semester	Discipline Specific Courses (DSC)	Minor/Vocational Courses (MIC)	Multidisciplinary Courses (MDC)	Ability Enhancement Course (AEC)	Skill Enhancement Course (SEC)	Value Added Courses (VAC)	Total credits	Exit option
I	DSC-1 4 credits, DSC-2 4 credits, DSC-3 4 credits	MIC-1 2 credits	MDC-1 3 credits	AEC-1 2 credits	SEC-1 3 credits	VAC-1 2 credits	24	
II	DSC-4 4 credits, DSC-5 4 credits, DSC-6 4 credits	MIC-2 2 credits	MDC-2 3 credits	AEC-2 2 credits	SEC-2 3 credits	VAC-2 2 credits	24	Undergraduate Certificate in Discipline with 52 credits
	Internship of 4 credits of 4 weeks duration after 2nd semester							
III	DSC-7 4 credits, DSC-8 4 credits, DSC-9 4 credits	MIC-3 4 credits	MDC-3 3 credits	AEC-3 2 credits	SEC-3 3 credits		24	
IV	DSC-10 4 credits, DSC-11 4 credits, DSC-12 4 credits	MIC-4 (V) 4 credits		AEC-4 2 credits		VAC-4 2 credits	20	Undergraduate Diploma in Discipline with 96 credits
	Internship of 4 credits of 4 weeks duration after 4th semester (if not done after 2nd semester)							
V	DSC-13 4 credits, DSC-14 4 credits, DSC-15 4 credits	MIC-5 (V) 4 credits			Internship# 4 credits		20	Bachelor in Discipline with 132 credits
VI	DSC-16 4 credits, DSC-17 4 credits, DSC-18 4 credits	MIC-6 4 credits, MIC-7 (V) 4 credits					20	132 credits
	72 credits	24 credits	9 credits	8 credits	9 credits + Internship 4 credits	6 credits	132	

#Four credits of internship, earned by a student during summer internship after 2nd semester or 4th semester, will be taken into account in 5th semester of a student who pursue 3 years UG Programme without taking exit option.

Fourth year (Honours programme)

Semester	Discipline Specific Courses			Minor Courses (MIC)	Total credits	Degree to be awarded
	Core	Elective	Practicum			
VII	DSC-H1 4 credits DSC-H2 4 credits DSC-H3 4 credits	DSC- H4 4 credits	DSC-H5 (P) 4 credits	MIC 6 4 credits	24	Bachelor of <discipline> (Honours) with 180 Credits
VIII	DSC-H6 4 credits DSC-H7 4 credits DSC-H8 4 credits	DSC- H9 4 credits	DSC-H10 (P) 4 credits	MIC 7 4 credits	24	

OR

Fourth year (Honours with research programme)

Semester	Discipline Specific Courses			Minor Courses (MIC)	Total credits	Degree to be awarded
	Core	Elective	Practicum			
VII	DSC-H1 4 credits DSC-H2 4 credits DSC-H3 4 credits	DSC- H4 4 credits	DSC-H5 (P) 4 credits	MIC 6 4 credits	24	Bachelor of <discipline> (Honours with Research) in <subject> with 180 Credits
VIII	DSC-H6 4 credits DSC-H7 4 credits	Project/Dissertation 12 credits		MIC 7 4 credits	24	

Fifth year

Semester	Discipline Specific Courses			Seminar/Value Added Course/Open Course/Elective/Employability & Entrepreneurship Skills Course	Total credits	Degree to be awarded
	Core	Elective	Practicum			
IX	DSC-M1 4 credits DSC-M2 4 credits DSC-M3 4 credits	DSC- M4 4 credits	DSC-M5 (P) 4 credits	2 credits	22	Master of <discipline> with 224 Credits
X	DSC-M6 4 credits DSC-M7 4 credits DSC-M8 4 credits	DSC-M9 4 credits	DSC-M10 (P) 4 credits	2 credits	22	

OR

Semester	Discipline Specific Courses			Seminar/Value Added Course/Open Course/Elective/Employability & Entrepreneurship Skills Course	Total credits	Degree to be awarded
	Core	Elective	Practicum			
IX	DSC-M1 4 credits DSC-M2 4 credits DSC-M3 4 credits	DSC- M4 4 credits	DSC-M5 (P) 4 credits	2 credits	22	Master of <discipline> with 224 Credits
X	DSC-M6 4 credits DSC-M7 4 credits	Project/Dissertation 12 credits		2 credits	22	

Table 2: **Credit Point Table for UG/5-Year Integrated UG-PG Programme (Interdisciplinary): Scheme-D**

Sr. No.	Courses	Credits earned after						
		First year	Second year	Third year	Fourth year (Hons.)	Fourth year (Hons with research)	Fifth year	Fifth year
1	Discipline Specific Course (DSC)	24	48	72	112	100	152	140
2	Minor Course (MIC) including Vocational Courses (VOC)	4	12	24	32	32	32	32
3	Multidisciplinary Courses (MDC)	6	9	9	9	9	9	9
4	Ability Enhancement Courses (AEC)	4	8	8	8	8	8	8
5	Skill Enhancement Courses (SEC)	6	9	9	9	9	9	9
6	Value Added Courses (VAC)	4	6	6	6	6	6	6
7	Internship	4*	4*	4	4	4	4	4
8	Research					12		12
9	Seminar/Value Added Course/Open Elective/ Employability & Entrepreneurship Skills Course						4	4
	Total	52	96	132	180	180	224	224
		*added in case of exit from programme						

Notes for Tables:

i. Discipline Specific Courses (DSC), Minor courses (MIC) including vocational (VOC), Ability Enhancement Courses (AEC); Value Added Courses (VAC): Multidisciplinary Courses (MDC), Core courses, Elective courses and Practicum Course of this programme.

ii. A student will study AEC, VAC, SEC, MDC and Minor (Vocational) Courses from the respective pools of the courses offered by the Departments duly approved by the University.

iii. A student will opt for MDC from the course/subject which is different from the discipline of major and minor subjects and should also be different from the courses undergone at senior secondary level (Class XII).

v. A student of UG/UG-PG programme (Interdisciplinary) will be offered UG Hons. programme in the fourth year offered by the Department. However, if the student gets 7.5 CGPA then the students may opt UG Hons. with research programme in the fourth year offered by the Department.

vi. The fifth year is a PG programme (one year) in that discipline offered by the Department.

17

Guru Jambheshwar University of Science and Technology, Hisar-125001, Haryana

(A+ NAAC Accredited State Govt. University)

UG/Integrated Programmes as per National Education Policy-2020

Discipline Specific Courses (DSC) for Scheme A (UTDs)

(w.e.f. Session 2024-25)

Discipline Specific Courses (DSC): A major course/subject as discipline specific course is the field in which a student focuses for understanding and skills majorly in the chosen field of learning contributing to the core of the programme. It consists of either 4 credits Lectures/Practicum or 3 credits Lectures and 1 credit Practicum or 3 credit Lecture and 1 credit Tutorial.

Subject/ Department	Semester-I		Semester-II		Semester-III		Semester-IV	
	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course
Botany	24BOT0101T	Plant Diversity	24BOT0201T	Plant Anatomy and Physiology	24BOT0301T (i) OR 24BOT0301T (ii)	Cell Biology OR Analytical Tools in Plant Science	24BOT0401T	Genetics
	24BOT0101P	Plant Diversity Lab	24BOT0201P	Plant Anatomy and Physiology Lab	24BOT0301P (i) OR 24BOT0301P (ii)	Cell Biology Lab OR Analytical Tools in Plant Science Lab	24BOT0401P	Genetics Lab
Chemistry	24CHE0101T	Chemistry-I	24CHE0201T	Chemistry-II	24CHE0301T		24CHE0401T	
	24CHE0101P	Chemistry-I Lab	24CHE0201P	Chemistry-II Lab				
Mathematics	24MAT0101T	Basic Algebra and Number Theory	24MAT0201T	Calculus	24MAT0301-		24MAT0401T	
Physics	24PHY0101T	Mechanics	24PHY0201T	Heat and Thermodynamics	24PHY0301T		24PHY0401T	
	24PHY0101P	Mechanics Lab	24PHY0201T	Heat and Thermodynamics Lab	24PHY0301P		24PHY0401P	
Zoology	24ZOO0101T	Animal Diversity-I	24ZOO0201T	Animal Diversity-II	24ZOO0301T (i) OR 24ZOO0301T (ii)	Human Physiology OR Zoology Chordates	24ZOO0401T (i) OR 24ZOO0401T (ii)	Basics of Biochemistry OT Parasitology
	24ZOO0101P	Animal Diversity-I Lab	24ZOO0201P	Animal Diversity-II Lab	24ZOO0301P (i) OR 24ZOO0301P (ii)	Human Physiology Lab OR Zoology Chordates Lab	24ZOO0401P (i) OR 24ZOO0401P (ii)	Basics of Biochemistry Lab OR Parasitology Lab

-1-

Guru Jambheshwar University of Science and Technology, Hisar-125001, Haryana
('A+' NAAC Accredited State Govt. University)
UG/Integrated Programmes as per National Education Policy-2020

Discipline Specific Courses (DSC) for Scheme B for the students admitted in the session 2023-24 only (UTDs)

(w.e.f. Session 2024-25)

Discipline Specific Courses (DSC): A major course/subject as discipline specific course is the field in which a student focuses for understanding and skills majorly in the chosen field of learning contributing to the core of the programme. It consists of either 4 credits Lectures/Practicum or 3 credits Lectures and 1 credit Practicum or 3 credit Lecture and 1 credit Tutorial.

Subject/ Department	Semester-III		Semester-IV		Semester-V		Semester-VI	
	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course
Chemistry	24CHE0301T	Atomic Structure & Chemical Bonding	24CHE0401T	Periodic Properties of Elements	24CHE0501T	Coordination Chemistry	24CHE0601T	Organometallic Chemistry
	24CHE0302T	Hydrocarbons	24CHE0402T	Functional Group Chemistry	24CHE0502T	Heterocyclic Chemistry & Organic Spectroscopy	24CHE0602T	Biomolecules
	24CHE0303T	States of Matter & Ionic Equilibrium	24CHE0403T	Phase Equilibria & Chemical Kinetics	24CHE0503T	Molecular Spectroscopy & Chemical Thermodynamics	24CHE0603T	Quantum Chemistry & Electrochemistry
			24CHE0404P	Physical Chemistry Practical-I	24CHE0504P	Physical Chemistry Practical-II	24CHE0604P	Inorganic Chemistry Practical
Mathematics	24MAT0301T	Number Theory and Trigonometry	24MAT0401T	Vector Calculus	24MAT0501T	Real Analysis	24MAT0601T	Real and Complex Analysis
	24MAT0302T	Ordinary Differential Equations	24MAT0402T	Transform Techniques	24MAT0502T	Groups and Rings	24MAT0602T	Linear Algebra
	24MAT0303T	Advanced Calculus	24MAT0403T	Partial Differential Equations	24MAT0503T	Solid Geometry	24MAT0603T	Mathematical Modeling
			24MAT0404T	Statics	24MAT0504T	Sequences and Series	24MAT0604T	Dynamics
Physics	24PHY0301T	Electricity and Magnetism	24PHY0401T	Elements of Modern Physics	24PHY0501T	Basic Quantum Mechanics	24PHY0601T	Classical and Statistical Mechanics
	24PHY0302T	Mathematical Physics-I	24PHY0402T	Waves and Optics	24PHY0502T	Mathematical Physics-II	24PHY0602T	Atomic and Molecular Physics
	24PHY0303T	Physics of Semiconductor Devices (Theory)	24PHY0403T	Electromagnetic Theory	24PHY0503T	Solid State Physics-I (Theory)	24PHY0603T	Nuclear and Partial Physics
	24PHY0303P	Physics of Semiconductor Devices (Practical)	24PHY0404T	Basic Instruments in Physics (Theory)	24PHY0503P	Solid State Physics-I (Practical)	24PHY0604T	Solid State Physics-II (Theory)
			24PHY0404P	Basic Instruments in Physics (Practical)	24PHY0504T	Analog Systems (Theory)	24PHY0604P	Solid State Physics-II (Practical)
					24PHY0504P	Analog Systems (Practical)		

Guru Jambheshwar University of Science and Technology, Hisar-125001, Haryana

(A+ NAAC Accredited State Govt. University)

UG/Integrated Programmes as per National Education Policy-2020

Discipline Specific Courses (DSC) for Scheme C (UTDs)

(w.e.f. Session 2024-25)

Discipline Specific Courses (DSC): A major course/subject as discipline specific course is the field in which a student focuses for understanding and skills majorly in the chosen field of learning contributing to the core of the programme. It consists of either 4 credits Lectures and 1 credit Practicum or 3 credits Lectures and 1 credit Practicum or 3 credit Lecture and 1 credit Tutorial.

Subject/ Department	Semester-I		Semester-II		Semester-III		Semester-IV	
	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course
Computer Science (AI & DS)	24ADS0101T	Computer Fundamentals and C Programming	24ADS0201T	Data Structures	24ADS0301T	Database Management Systems	24ADS0401T	Data Analytics
	24ADS0101P	C Programming Lab	24ADS0201P	Data Structures Lab	24ADS0301P	Database Management Systems Lab	24ADS0401P	Data Analytics Lab
	24ADS0102T	Data Science	24ADS0202T	Artificial Intelligence	24ADS0302T	Object Oriented Programming using C++	24ADS0402T	Multivariate Analysis
	24ADS0102P	Data Science Lab			24ADS0302P	Object Oriented Programming using C++ Lab		
							24ADS0403T	Design and Analysis of Algorithms
							24ADS0403P	Design and Analysis of Algorithms Lab
							24ADS0404T	Formal Language Theory
Economics	24ECO0101T	Introductory Microeconomics	24ECO0201T	Intermediate Microeconomics	24ECO0301T	Microeconomics Analysis	24ECO0401T	Mathematics of Equilibrium Analysis
	24ECO0102T	Introductory Macroeconomics	24ECO0202T	Intermediate Macroeconomics	24ECO0302T	Macroeconomics Analysis	24ECO0402T	Econometrics-I
							24ECO0403T (i) OR 24ECO0403T (ii)	Labour Economics OR Development Economics
							24ECO0404T (i) OR 24ECO0404T (ii)	Agriculture Economics OR Industrial Economics
Food Technology	24BFT0101T	Fundamentals of Food Science	24BFT0201T	Basics of Nutrition and Health	24BFT0301T	Food Engineering	24BFT0401T	Technology of Cereals, Pulses and Oil Seeds Processing
	24BFT0102T	Introduction to Food Microbiology	24BFT0202T	Food Composition and Analysis	24BFT0302T	Technology of Milk and Milk Products	24BFT0402T	Processing and Preservation of Fruits and Vegetables
	24BFT0102P	Introduction to Food Microbiology Lab	24BFT0202P	Food Composition and Analysis Lab			24BFT0402P	Processing and Preservation of Fruits and Vegetables Lab

-3-

Department	Semester I	Semester II	Semester III	Semester IV
				24BFT0403T Fundamentals of Food Packaging
				24BFT0403P Fundamentals of Food Packaging Lab
				24BFT0404T Unit Operations in Food Processing
Geography	24GEO0101T Geomorphology	24GEO0201T Cartographic Techniques in Geography	24GEO0301T Bio-Geography	24GEO0401T Ecosystem and Environment
	24GEO0101P Geomorphology Lab	24GEO0201P Cartographic Techniques in Geography Lab	24GEO0301P Bio-Geography Lab	24GEO0401P Ecosystem and Environment Lab
	24GEO0102T Fundamental of Resource Geography	24GEO0202T Human Geography	24GEO0302T Economic Geography	24GEO0402T Introduction to Social Geography
	24GEO0102P Fundamental of Resource Geography Lab	24GEO0202P Human Geography Lab	24GEO0302P Economic Geography Lab	24GEO0402P Introduction to Social Geography Lab
	Physical Geography			24GEO0403T Population Geography
				24GEO0404T Geography of Tourism
Mass Communication	24MCO0101T Introduction to Communication	24MCO0201T Introduction to Electronic Media	24MCO0301T Introduction to Media Writing	24MCO0401T Introduction to Mass Communication
	24MCO0102T Introduction to Print Media	24MCO0202T Introduction to Persuasive Communication	24VCO0302T Reporting and Writing for Print Media	24MCO0402T Reporting and Writing for Radio & Television
				24MCO0403T Writing for Advertising
				24MCO0404T Writing for Public Relations
Psychology	24PSY0101T Introduction and History of Psychology	24PSY0201T Social Psychology-I	24PSY0301T Social Psychology-II	24PSY0401T Cognitive Psychology
	24PSY0101P Introduction and History of Psychology Lab	24PSY0201P Social Psychology-I Lab	24PSY0301P Social Psychology-II Lab	24PSY0402T Basics of Research & Statistics
	24PSY0102T Basics Psychological Processes	24PSY0202T Biological basis of behaviour	24PSY0302T Psychology of individual differences	24PSY0403T Life Span Development
	24PSY0102P Basics Psychological Processes Lab	24PSY0202P Biological basis of behaviour Lab	24PSY0302P Psychology of individual differences Lab	24PSY0404P Psychology Lab-IV
Yoga Science and Therapy	24YOG0101T Basics of Yoga	24YOG0201T Patanjali Yoga Sutras		
	24YOG0101P Basics of Yoga Lab	24YOG0201P Patanjali Yoga Sutras Lab		
	24YOG0102T Fundamentals of Hatha Yogic Texts	24YOG0202T Human System According to Yoga		
	24YOG0102P Fundamentals of Hatha Yogic Texts Lab	24YOG0202P Human System According to Yoga Lab		
Aviation/ Mechanical Engineering	24BAV0101T Aviation Physics (Mechanics)	24BAV0201T Familiarization of Aircraft		
	24BAV0102T Basics of Aerodynamics	24BAV0202T Aviation Science (Mechanical)		

English   24ENG0101T   Introduction to English Literature

Hindi   24HND0101T   हिन्दी भाषा और साहित्य का इतिहास और विकास

History   24HIS0101T   Ancient Indian History

Political   24POL0101T   Indian Constitution

—4—

Discipline Specific Courses (DSC) for Scheme D (UTDs)

(w.e.f. Session 2024-25)

Discipline Specific Courses (DSC): A major course/subject as discipline specific course is the field in which a student focuses for understanding and skills majorly in the chosen field of learning contributing to the core of the programme. It consists of either 4 credits Lectures/Practicum or 3 credits Lectures and 1 credit Practicum or 3 credit Lecture and 1 credit Tutorial.

Subject	Semester-I		Semester-II		Semester-III		Semester-IV	
	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course
Business Administration	24BBA0101T	Management Concepts and Principles	24BBA0201T	Indian Economy	24BBA0301T		24BBA0401T	
	24BBA0102T	Psychology and Sociology in the Business Context	24BBA0202T	Fundamentals of Marketing	24BBA0302T		24BBA0402T	
	24BBA0103T	Fundamentals of Accounting	24BBA0203T	Fundamentals of Financial Management	24BBA0303T		24BBA0403T	
Computer Application	24ICA0101T	Essentials of Computer Science	24ICA0201T	Database Technologies-I	24ICA0301T		24ICA0401T	
	24ICA0101P	Essentials of Computer Science Lab	24ICA0201P	Database Technologies-I Lab	24ICA0301P		24ICA0401P	
	24ICA0102T	Problem Solving Using C	24ICA0202T	Object Oriented Programming Using C++	24ICA0302T		24ICA0402T	
	24ICA0102P	Problem Solving Using C Lab	24ICA0202P	Object Oriented Programming Using C++ Lab	24 ICA0302P		24ICA0402P	
	24ICA0103T	Fundamentals of PC Software	24ICA0203T	Data Structures and Algorithms	24ICA0303T		24ICA0403T	
	24ICA0103P	Fundamentals of PC Software Lab	24ICA0203P	Data Structures and Algorithms Lab	24ICA0303P		24ICA0403P	
Commerce	24BCM0101T	Fundamentals of Commerce	24BCM0201T	Fundamentals of Management	24BCM0301T		24BCM0401T	
	24BCM0102T	Basic Accounting	24BCM0202T	Advanced Accounting	24BCM0302T			
	24BCM0103T	Micro Economics	24BCM0203T	Macro Economics	24BCM0303T			
Medical Imaging Technology	24MIT0101T	Human Anatomy and Physiology-I	24MIT0201T	Human Anatomy and Physiology-II	24MIT0301T	Clinical Radiography-Positioning Part 1	24MIT0401T	Clinical Radiography-Positioning Part 2
	24MIT0101P	Human Anatomy and Physiology-I Lab	24MIT0201P	Human Anatomy and Physiology-II Lab	24MIT0301P	Clinical Radiography-Positioning Part 1 Lab	24MIT0401P	Clinical Radiography-Positioning Part 2 Lab
	24MIT0102T	Radiographic Photography	24MIT0202T	Radiographic Techniques-I	24MIT0302T	Modern Radiological & Imaging Equipment including Physics	24MIT0402T	Physics of Newer Imaging Modalities
	24MIT0103T	Fundamentals of Medical Imaging Technology	24MIT0202P	Radiographic Techniques-I Lab	24MIT0303T	Contrast Media & Special Radiography procedures	24MIT0403T	Patient Care in Radiology
			24MIT0203T	Conventional Radiological Equipment	24MIT0303P	Contrast Media & Special Radiography procedures Lab		

Guru Jambheshwar University of Science and Technology
Hisar-125001, Haryana
('A+' NAAC Accredited State Govt. University)

UG/Integrated Programmes as per National Education Policy-2020

Pool of Ability Enhancement Courses (AEC) for Scheme A, B, C and D (UTDs)

(w.e.f. Session 2024-25)

Ability Enhancement Courses (AEC): These courses aim at enabling the students to achieve competency in the English language or Modern Indian Languages (MIL) with special emphasis on language and communication skills.

Semester-I AEC-1 (2 credits)		Semester-II AEC-2 (2 credits)		Semester-III AEC-3# (2 credits)		Semester-IV AEC-4# (2 credits)	
Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course
24AEC0101T	English for Effective Communication-I *(Department of English & Foreign Languages)*	24AEC0102T	हिन्दी भाषा का व्याकरणिक ज्ञान *(Department of Hindi)*	24AEC0301T	English for Effective Communication-II *(Department of English & Foreign Languages)*	24AEC0302T	संचार कौशल *(Department of Hindi)*
24AEC0102T	हिन्दी भाषा का व्याकरणिक ज्ञान *(Department of Hindi)*	24AEC0101T	English for Effective Communication-I *(Department of English & Foreign Languages)*	24AEC0302T	संचार कौशल *(Department of Hindi)*	24AEC0301T	English for Effective Communication-II *(Department of English & Foreign Languages)*
24AEC0103T	हिन्दी भाषा का व्याकरणिक ज्ञान 4 credit (NCTE)			24AEC0403T	Foreign Language-I or other Modern Language (MOOCs may be opted through SAWAYAM)	24AEC0403T	Foreign Language-II or other Modern Language (MOOCs may be opted through SAWAYAM)

Students will opt for one AEC from the pool in this category offered by Department. Department can offer AEC in other Modern Indian languages (MILs) after getting approval from the university.

All the programmes of various UTDs will be divided into two groups. Group 1 will offer English course and Group 2 will offer Hindi course in the **Odd** Semesters. Group 2 will offer English course and Group 1 will offer Hindi course in the **Even** Semester. The Groups will be notified separately.

\# MOOCs of 2 credits may be opted by the students.

24AEC0105T संस्कृत भाषा (Language Sanskrit)

24AEC0104T पंजाबी भाषा (Language Punjabi)

Guru Jambheshwar University of Science and Technology
Hisar-125001, Haryana
('A+' NAAC Accredited State Govt. University)

UG/Integrated Programmes as per National Education Policy-2020

Pool of Multidisciplinary Courses (MDC) for Scheme A, B, C and D (UTDs)

(w.e.f. Session 2024-25)

Multidisciplinary Courses (MDC): These courses are based on introductory knowledge in a subject. A student will study MDC in a subject other than the discipline of Discipline Specific, Minor subjects/courses and subject opted in 10+2 to gain knowledge across the disciplines. It consists of either 3 credit Lectures or 2 credits Lectures and 1 credit Practicum/Tutorial.

Department/ Subject	Semester-I		Semester-II		Semester-III	
	MDC-1 3 Credits		MDC-2 3 Credits		MDC-3 3 Credits	
	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course
Allied Health Sciences	24MDC0101T		24MDC0201T		24MDC0301T	
Applied Psychology	24MDC0102T	Self-Management and Personality Development	24MDC0202T	Positive Psychology and Personal Growth	24MDC0302T	Positivism, Happiness and Well-being
Artificial Intelligence and Data Science	24MDC0103T	Introduction to Artificial Intelligence	24MDC0203T	Introduction to Data Science	24MDC0303T	Machine Learning
Biotechnology	24MDC0104T	Fundamentals of Biology	24MDC0204T	Cytology	24MDC0304T	Introduction to Biotechnology
Botany	24MDC0105T	Basics of Botany	24MDC0205T	Nursery and Gardening	24MDC0305T	
Business Administration	24MDC0106T	E-Commerce	24MDC0206T	Negotiations and Conflicts Management Skills	24MDC0306T	Fundamentals of Indian Capital Markets

Subject	Code	Course	Code	Course	Code	Course
Chemistry	24MDC0107T	Analytical Methods in Chemistry	24MDC0207T	Pharmaceutical Chemistry	24MDC0307T	
Civil Engineering	24MDC0108T	Land Surveying	24MDC0208T		24MDC0308T	Ornamental Plants and Propagation
Commerce	24MDC0109T	Fundamentals of Commerce	24MDC0209T	Personal Finance	24MDC0309T	Consumer Behaviour
Computer Science & Engineering	24MDC0110T	Foundation of Computer Science	24MDC0210T	Programming for Problem Solving using C	24MDC0310T	Software Engineering
Physics	24MDC0111T	Programming with FORTRAN	24MDC0211T	Computational Methods		
	24MDC0111P	Programming with FORTRAN	24MDC0211P	Computational Methods Lab		
Economics	24MDC0112T	Descriptive Statistics	24MDC0212T	Statistical Methods	24MDC0312T	Advanced Statistics for Economics
Electrical and Electronics Engineering	24MDC0113T	Renewable Energy Sources	24MDC0213T	Introduction to Internet of Things	24MDC0313T	Communication Technology
English and Foreign Languages	24MDC0114T	Literature and Society	24MDC0214T	Functional English Grammer	24MDC0314T	Writing for Digital Platforms
Environmental Science	24MDC0115T	Disaster Management	24MDC0215T	Environmental Laws	24MDC0315T	
Food Technology	24MDC0116T	Food Processing and Preservation	24MDC0216T	Food Packaging & Labelling	24MDC0316T	Food Safety and Quality
Geography	24MDC0117T	Basics of Remote-Sensing Technology	24MDC0217T	Concepts of GIS Technology	24MDC0317T	General Geography
Hindi	24MDC0118T		24MDC0218T		24MDC0318T	
Library and Information Science	24MDC0119T	Introduction to Library and Information Centres	24MDC0219T	Introduction to Information Sources (Print and Electronics)	24MDC0319T	Introduction to Library Services
Mass Communication	24MDC0120T	Idea Generation and Creativity	24MDC0220T	Feature Writing for Newspapers and Magazines	24MDC0320T	Science Communication
Mathematics	24MDC0121T (i) OR 24MDC0121T	Elementary Mathematics-I OR Elementary Statistics-I	24MDC0221T (i) OR 24MDC0221T	Elementary Mathematics-II OR Elementary Statistics-II	24MDC0321T (i) OR	Operations Research OR

	(ii) OR (iii)	OR	(ii) OR (iii)	OR	(ii)	
Mechanical Engineering	24MDC0121T	Basic Linear Algebra	24MDC0221T	Probability and Sampling Theory	24MDC0321T	Calculus and Optimization
	24MDC0122T	Basics of Mechanical Engineering	24MDC0222T	3-D Printing	24MDC0322T	CNC Technology
Yoga Science and Therapy	24MDC0123T	Fundamentals of Yoga-I	24MDC0223T	Fundamentals of Yoga-II	24MDC0323T	Fundamentals of Yoga-III
Zoology	24MDC0124T	Basics of Zoology-I	24MDC0224T	Basics of Zoology-II	24MDC0324T	Basics of Zoology-III

Guru Jambheshwar University of Science and Technology
Hisar-125001, Haryana
('A+' NAAC Accredited State Govt. University)

UG/Integrated Programmes as per National Education Policy-2020

Minor Courses (MIC) for Scheme A, B, C and D (UTDs)

(w.e.f. Session 2024-25)

Minor Courses (MIC): Minor course/subject aims to expand student's knowledge beyond the major field of study. This will also include Vocational Course (VOC) that will assists student in developing work-force relevant skills through practical work and enhances the employability of student.

Humanities, Social Sciences and Business Administration

Sr. No.	Subject/Department	Semester-I (Scheme A, B and D) 2 credits		Semester-I (Scheme A, B and D) 2 credits		Semester-III (Scheme A, C and D) 4 credits		Semester-VI (Scheme A, D) 4 credits	
		Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course
1	Applied Psychology	24MIC0101T	Basics of Psychology-I	24MIC0201T	Basics of Psychology-I	24MIC0301T	Social Psychology	24MIC0601T	
2	Business Administration	24MIC0102T	Computer Applications in Management	24MIC0202T	Business Statistics	24MIC0302T		24MIC0602T	
3	Commerce	24MIC0103T	Business Mathematics	24MIC0203T	Computer Applications in Business	24MIC0303T		24MIC0603T	
4	Economics	24MIC0104T		24MIC0204T		24MIC0304T	Mathematical Methods for Economics	24MIC0604T	
5	Education	24MIC0105T		24MIC0205T		24MIC0305T		24MIC0605T	
6	English and Foreign Languages	24MIC0106T	Introduction to Short Story and Basic Grammer	24MIC0206T	Introduction to Prose and Basic Composition	24MIC0306T	Introduction to Poetry and Phonetics	24MIC0606T	
7	Geography	24MIC0107T	Geography of India	24MIC0207T	Physical Geography	24MIC0307T	Geography of Haryana	24MIC0607T	

-)0 -

Sr. No.	Subject/Department	Semester-I (Scheme A, B and D) 2 credits — Course Code	Nomenclature of the Course	Semester-II (Scheme A, B and D) 2 credits — Course Code	Nomenclature of the Course	Semester-III (Scheme A, C and D) 4 credits — Course Code	Nomenclature of the Course	Semester-VI (Scheme A, D) 4 credits — Course Code	Nomenclature of the Course
8	Hindi	24MIC0108T		24MIC0208T		24MIC0308T		24MIC0608T	
9	Library and Information Science	24MIC0109T		24MIC0209T		24MIC0309T		24MIC0609T	
10	Mass Communication	24MIC0110T	General Current Awareness (Political)	24MIC0210T	General Current Awareness (Economics)	24MIC0310T	General Current Awareness (Sciences)	24MIC0610T	
11	Yoga Science and Therapy	24MIC0111T	Foundation of Yoga	24MIC0211T	Yoga Philosophy	24MIC0311T	Human System according to Yoga	24MIC0611T	Yogic Swasthavritta

Sciences and Technology

Sr. No.	Subject/Department	Semester-I (Scheme A, B and D) 2 credits — Course Code	Nomenclature of the Course	Semester-II (Scheme A, B and D) 2 credits — Course Code	Nomenclature of the Course	Semester-III (Scheme A, C and D) 4 credits — Course Code	Nomenclature of the Course	Semester-VI (Scheme A, D) 4 credits — Course Code	Nomenclature of the Course
16	Allied Health Sciences	24MIC0116T		24MIC0216T		24MIC0316T		24MIC0616T	
17	Artificial Intelligence and Data Science	24MIC0117T	Multimedia and its Applications	24MIC0217T	Logical Organization of Computers	24MIC0317T	E-Commerce	24MIC0617T	
18	Biotechnology	24MIC0118T	Landmark Discoveries in Biotechnology	24MIC0218T	Introductory Biotechnology	24MIC0318T OR 24MIC0218T	Bioanalytical Tools OR Introductory Biotechnology	24MIC0618T	Recombinant DNA Technology
19	Botany	24MIC0119T	Elementary Botany	24MIC0219T	Cell Biology	24MIC0319T		24MIC0619T	
20	Chemistry	24MIC0120T	Periodic Properties of Elements	24MIC0220T	Fundamentals of Organic Chemistry	24MIC0320T		24MIC0620T	
21	Computer Science & Engineering	24MIC0121T	Digital Logic Design	24MIC0221T	Discrete Structures	24MIC0321T	Digital Computer Design	24MIC0621T	Cyber Law & Computing Ethics
22	Environmental Science	24MIC0122T		24MIC0222T		24MIC0322T		24MIC0622T	
23	Electrical and Electronics Engineering	24MIC0123T	Electrical and Electronics Fundamentals	24MIC0223T	Analog Electronics	24MIC0323T	Digital Electronics	24MIC0623T	
24	Food Technology	24MIC0124T	Fundamentals of Food Science	24MIC0224T	Basics of Nutrition and Health	24MIC0324T	Technology of Milk & Milk Products	24MIC0624T	

No.	Subject	Code	Course	Code	Course	Code	Course	Code	Course
25	Mathematics	24MIC0125T	Fundamentals of Computers	24MIC0225T	Basics of Artificial Intelligence	24MIC0325T		24MIC0625T	
26	Mechanical Engineering	24MIC0126T	Material Science	24MIC0226T	Manufacturing Science	24MIC0326T	Robotics and Automation	24MIC0626T	
27	Microbiology	24MIC0127T	Landmark Discoveries in Microbiology	24MIC0227T	Introductory Microbiology	24MIC0327T	Techniques in Microbiology	24MIC0627T	Food Microbiology
28	Physics	24MIC0128T	Fundamentals of Electronics-I	24MIC0228T	Fundamentals of Electronics-II	24MIC0328T		24MIC0628T	
29	Zoology	24MIC0129T		24MIC0229T		24MIC0329T		24MIC0629T	

Guru Jambheshwar University of Science and Technology
Hisar-125001, Haryana
('A+' NAAC Accredited State Govt. University)

UG/Integrated Programmes as per National Education Policy-2020

Minor Courses (MIN) for Scheme C (UTDs)

(w.e.f. Session 2024-25)

Minor Courses (MIN): Minor course/subject aims to expand student's knowledge beyond the major field of study. This will also include Vocational Course (VOC) that will assists student in developing work-force relevant skills through practical work and enhances the employability of student.

Sr. No.	Subject/Department	Humanities, Social Sciences and Business Administration			
		Semester-I 4 credits		Semester-II 4 credits	
		Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course
1	Applied Psychology	24MIN0101T	Fundamentals of Psychology-I	24MIN0201T	Fundamentals of Psychology-II
2	Business Administration	24MIN0102T	Computer Applications in Management	24MIN0202T	Business Statistics
3	Commerce	24MIN0103T	Business Mathematics	24MIN0203T	Computer Applications in Business
4	Economics	24MIN0104T	Introductory Mathematics for Economics	24MIN0204T	Intermediate Mathematics for Economics
5	Education	24MIN0105T		24MIN0205T	
6	English and Foreign Languages	24MIN0106T	Introduction to Short Story and Basic Grammer	24MIN0206T	Introduction to Prose and Basic Composition
7	Geography	24MIN0107T	Geography of India	24MIN0207T	Physical Geography
		24MIN0107P	Geography of India Lab	24MIN0207P	Physical Geography Lab
8	Hindi	24MIN0108T		24MIN0208T	
9	Library and Information Science	24MIN0109T		24MIN0209T	

-13-

Sr. No.	Subject/Department	Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course
10	Mass Communication	24MIN0110T	General Current Awareness (Political)	24MIN0210T	General Current Awareness (Economics)
11	Yoga Science and Therapy	24MIN0111T	Foundation of Yoga	24MIN0211T	Yoga Philosophy

Sciences and Technology

Sr. No.	Subject/Department	Semester-I 4 credits		Semester-II 4 credits	
		Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course
16	Allied Health Sciences	24MIN0116T		24MIN0216T	
17	Artificial Intelligence and Data Science	24MIN0117T		24MIN0217T	
18	Biotechnology	24MIN0118T		24MIN0218T	
19	Botany	24MIN0119T		24MIN0219T	
20	Chemistry	24MIN0120T		24MIN0220T	
21	Computer Science & Engineering	24MIN0121T	Digital Logic Design	24MIN0221T	Discrete Structures
22	Environmental Science	24MIN0122T		24MIN0222T	
23	Electrical and Electronics Engineering	24MIN0123T	Electrical and Electronics Fundamentals	24MIN0223T	Analog Electronics
24	Food Technology	24MIN0124T	Fundamentals of Food Science	24MIN0224T	Basics of Nutrition and Health
25	Mathematics	24MIN0125T		24MIN0225T	
26	Mechanical Engineering	24MIN0126T	Material Science	24MIN0226T	Manufacturing Science
27	Microbiology	24MIN0127T	Landmark Discoveries in Microbiology	24MIN0227T	Introductory Microbiology
28	Physics	24MIN0128T		24MIN0228T	
29	Zoology	24MIN0129T		24MIN0229T	

(handwritten notes in margin near 24MIN0223T: 24MIN0232T Digital Electronics / 24MIN0423T Rakesh / 24MIN0... Basic Radio ...)

Guru Jambheshwar University of Science and Technology
Hisar-125001, Haryana
('A+' NAAC Accredited State Govt. University)

UG/Integrated Programmes as per National Education Policy-2020

Pool of Skill Enhancement Courses (SEC) for Scheme A, B, C and D (UTDs)

(w.e.f. Session 2024-25)

Skill Enhancement Courses (SEC): These courses aim at imparting practical skills, hands-on training, soft skills, etc. to enhance the employability of students.

Department/ Subject	Semester-I SEC-1 3 credits		Semester-II SEC-2 3 credits		Semester-III SEC-3 3 credits	
	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course
Allied Health Sciences	24SEC0101T		24SEC0201T		24SEC0301T	Biomedical Waste Management
Applied Psychology	24SEC0102T	Psychological Testing-I	24SEC0202T	Psychological Testing-II	24SEC0303T	Psychological Testing-III
	24SEC0102P	Psychological Testing-I Lab	24SEC0202P	Psychological Testing-II Lab	24SEC0303P	Psychological Testing-III Lab
Artificial Intelligence and Data Science	24SEC0103T	R Programming	24SEC0203T	Python Programming	24SEC0303T	Python Tools for Data Science
	24SEC0103P	R Programming Lab	24SEC0203P	Python Programming Lab	24SEC0303P	Python Tools for Data Science Lab
Biotechnology	24SEC0104T	Life Style Disorders	24SEC0204T	Mushroom Technology	24SEC0304T	Herbal Technology
	24SEC0104P	Life Style Disorders Lab	24SEC0204P	Mushroom Technology Lab	24SEC0304P	Herbal Technology Lab

Department	Code	Subject	Code	Subject	Code	Subject
Botany	24SEC0105T	Floriculture	24SEC0205T	Organic Pharming	24SEC0305T	
	24SEC0105P	Floriculture Lab	24SEC0205P	Organic Pharming Lab		
Business Administration	24SEC0106T	Business Communication	24SEC0206T	Startup and Entrepreneurship	24SEC0306T	
Chemistry	24SEC0107P	Practical Approach to Chemical Analysis	24SEC0207P	Purification and Analytical Techniques	24SEC0307P	Organic Chemistry Practical
Civil Engineering	24SEC0108T	Introduction to Road Safety Audit	24SEC0208T		24SEC0308T	
Commerce	24SEC0109T	Computerized Accounting	24SEC0209T	GST Return Filing	24SEC0309T	Digital Marketing
Computer Science & Engineering	24SEC0110T	PC Hardware and Networking	24SEC0210T	Web Design Using HTML	24SEC0310T	Mobile Application Development
	24SEC0110P	PC Hardware and Networking Lab	24SEC0210P	Web Design Using HTML Lab	24SEC0310P	Mobile Application Development Lab
Economics	24SEC0111P	Basics of Excel Lab	24SEC0211P	Data Visualization using Excel Lab	24SEC0311T (i) OR 24SEC0311T (ii)	Basics of Python OR Basics of STATA
Physics	24SEC0112P	Instrumentation-I	24SEC0212P	Instrumentation-II	24SEC0312T	
Electrical and Electronics Engineering	24SEC0113T	Introduction to MATLAB	24SEC0213T	HDL Programming for IOT and Artificial Intelligence	24SEC0313T	Basics Electrical and Electronics Engineering
English and Foreign Language	24SEC0114T	Soft Skills	24SEC0214T	Public Speaking and Presentation Skills in English	24SEC0314T	Professional Communication in English
	24SEC0114P	Soft Skills Lab	24SEC0214P	Public Speaking and Presentation Skills in English Lab	24SEC0314P	Professional Communication in English Lab
Environmental Science	24SEC0115T	Waste to Energy	24SEC0215T	Solid Waste Management	24SEC0315T	Ecotechnology
Food Technology	24SEC0116T	Processing of Fruits and Vegetables	24SEC0216T	Food Safety and Analysis	24SEC0316T	Technology of Milk and Milk Products

Subject	Code	Course	Code	Course	Code	Course
Geography	24SEC0117T	Geography of Startups and Innovation	24SEC0217T	Concepts of Disaster Management	24SEC0317T	Town Planning
Hindi	24SEC0118T	रचनात्मक कौशल	24SEC0218T	कार्यालयी हिंदी	24SEC0318T	
	24SEC0118P	कम्प्यूटर और हिंदी टाइपिंग	24SEC0218P	कार्यालयी हिंदी लेखन		
Mass Communication	24SEC0119T	Article Writing for Newspapers and Magazines	24SEC0219T	Content Development for Digital Platforms	24SEC0319T	Still Photography
					24SEC0319P	Still Photography Lab
Mathematics	24SEC0120T(i) OR 24SEC0120T(ii)	Numerical Methods OR Numerical Ability Enhancement Skills	24SEC0220T (i) OR 24SEC0220T (ii)	Special Functions and Transform Techniques OR Quantitative Aptitude	24SEC0320T (i) OR 24SEC0320T (ii)	Special Functions OR Vector Calculus and Solid Geometry
Mechanical Engineering	24SEC0121T	Workshop Technology	24SEC0221T	Employability Skills and Practices	24SEC0321T	Computer Aided Design
	24SEC0121P	Workshop Technology Lab	24SEC0221P	Employability Skills and Practices Lab	24SEC0321P	Computer Aided Design Lab
Printing Technology	24SEC0122T	Basics of Printing Technology	24SEC0222T	Basics of Packaging Technology	24SEC0322T	
Yoga Science and Therapy	24SEC0123T	Basics of Yoga	24SEC0223T	Yoga Skill & Prowess	24SEC0323T	Yoga for Stress Management
Zoology	24SEC0124T		24SEC0224T		24SEC0324T	

Pool of Value Added Courses (VAC) for Scheme A, B, C and D (UTDs)

(w.e.f. Session 2024-25)

Value Added Courses (VAC): These courses aim at enabling the students to acquire and demonstrate the acquisition of knowledge and understanding of human values, Indian Knowledge System (IKS), contemporary India, environmental science and education, digital and technical solutions, health and wellness, yoga education, sports and fitness, etc.

Department/ Subject	VAC-1 (Scheme A, B, C, D) 2 credits		VAC-2 (Scheme A, B, C, D) 2 credits		VAC-3# (Scheme C) 2 credits		VAC-4# (Scheme A, B, C, D) 2 credits	
	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course
Environmental Science	24VAC0101T	Environmental Studies-I	24VAC0101T	Environmental Studies-I	24VAC0301T	Environmental Studies-II	24VAC0301T	Environmental Studies-II
Mass Communication	24VAC0102T	Communication Ethics	24VAC0102T	Communication Ethics	24VAC0302T	Media Ethics	24VAC0302T	Media Ethics
Geography	24VAC0103T	Disaster Management	24VAC0203T	Geography of Social Wellbeing	24VAC0303T	Geography in Every Day Life	24VAC0303T	Geography in Every Day Life
Botany	24VAC0104T	Plants in Every Day Life	24VAC0104T	Plants in Every Day Life	24VAC0304T	Medicinal Botany	24VAC0304T	Medicinal Botany
Commerce	24VAC0105T	Indian Ethos in Commerce	24VAC0105T	Indian Ethos in Commerce	24VAC0305T		24VAC0305T	
Electrical and Electronics	24VAC0106T	Energy and Environmental	24VAC0206T	E-Waste Management	24VAC0306T	Digital Technology	24VAC0406T	Electric Vehicle Technology

Engineering		Auditing						
Applied Psychology	24VAC0107T	Character Strength and Human Values	24VAC0107T	Character Strength and Human Values	24VAC0307T	Psychology of Happiness and Well-being	24VAC0307T	Psychology of Happiness and Well-being
Mathematics	24VAC0108T		24VAC0208T	Mathematics in India: From Vedic Period to Modern Times	24VAC0308T		24VAC0408T	Mathematics in Everyday Life
Mechanical Engineering	24VAC0109T	Ergonomics Engineering	24VAC0209T	Industrial Safety	24VAC0309T	Industry 4.0	24VAC0309T	Industry 4.0
Allied Health Sciences	24VAC0110T		24VAC0110T		24VAC0310T	Health and Wellness	24VAC0310T	Health and Wellness
English and Foreign Language	24VAC0111T	Understanding India through Literature	24VAC0111T	Understanding India through Literature	24VAC0311T	Children's Literature	24VAC0311T	Children's Literature
Chemistry	24VAC0112T	Role of Chemistry in Society	24VAC0112T	Role of Chemistry in Society	24VAC0312T	Chemistry of Food	24VAC0312T	Chemistry of Food
Biotechnology	24VAC0113T	Biofertilizer	24VAC0113T	Biofertilizer	24VAC0313T	Vermiculture and Vermicomposting	24VAC0413T	Medical Diagnostic
Artificial Intelligence and Data Science	24VAC0114T	Cyber Security	24VAC0114T	Cyber Security	24VAC0314T	Cyber Laws and Ethics	24VAC0314T	Cyber Laws and Ethics
Yoga Science & Therapy	24VAC0115T	Yoga and Human Values	24VAC0215T	Yoga and Meditation	24VAC0315T	Yoga and Ethics	24VAC0415T	Yoga Philosophy and Practices
Economics	24VAC0116T		24VAC0116T		24VAC0316T	Indian Polity and Economy	24VAC0316T	Indian Polity and Economy
Food Technology	24VAC0117T	Basics of Food Processing and Preservation	24VAC0117T	Basics of Food Processing and Preservation	24VAC0317T	Introduction to Nutrition and Health	24VAC0317T	Introduction to Nutrition and Health
Hindi	24VAC0118T	हिंदी साहित्य एवं पर्यावरण	24VAC0118T	हिंदी साहित्य एवं पर्यावरण	24VAC0318T	हिंदी साहित्य एवं मानव मूल्य	24VAC0318T	हिंदी साहित्य एवं मानव मूल्य

Department								
Business Administration	24VAC0119T	Human Values and Professional Ethics	24VAC0119T	Human Values and Professional Ethics	24VAC0319T	Logistic Management	24VAC0319T	Logistic Management
Religious Studies	24VAC0120T	Teaching of Guru Jambheshwar Ji	24VAC0120T	Teaching of Guru Jambheshwar Ji	24VAC0320T		24VAC0320T	
Computer Science & Engineering	24VAC0121T		24VAC0121T		24VAC0321T	Computer Graphics	24VAC0421T	Office Automation
Physics	24VAC0122T	Physics in Everyday Life	24VAC0122T	Physics in Everyday Life	24VAC0322T		24VAC0322T	
Zoology	24VAC0123T	Toxic Substances and Human Health	24VAC0223T	Indian Biodiversity	24VAC0323T	Ethnobotany	24VAC0423T	Plant Diversity and Human Welfare
Law	24VAC0124T	Cyber Law	24VAC0124T	Cyber Law	24VAC0324T	Constitutional Values and Fundamental Duties	24VAC0324T	Constitutional Values and Fundamental Duties

All the programmes of various UTDs will be divided into two groups. Group 1 will offer Environmental Studies-I course and Group 2 may offer other course in the **Odd** Semesters. Group 2 will offer Environmental Studies-I course and Group 1 may offer other course in the **Even** Semester. The Groups will be notified separately. The two courses in both the semesters will not be same.

Students will opt for one VAC course from the pool in this category offered by Department. Department can offer any other Value Added Course after getting approval from the University.

#MOOCs of 2 credits may be opted by the students with the permission of Chairperson of the Department concerned and after approval of the Vice-Chancellor through Dean Academic Affairs.

Education   24VAC0125T   Art Education (Performing and Art)

24VAC0126T   Understanding India (Indian Ethos and Knowledge system)

-20-

Guru Jambheshwar University of Science and Technology
Hisar-125001, Haryana
('A+' NAAC Accredited State Govt. University)

UG/Integrated Programmes as per National Education Policy-2020

Pool of Vocational Courses (VOC) for Scheme A, B, C and D (UTDs)

(w.e.f. Session 2024-25)

Vocational Course (VOC): This will assist the student in developing work-force relevant skills through practical work and enhances the employability of student.

Subject/ Department	Humanities, Social Sciences and Business Administration								
	Semester-III (Scheme B only) VOC 4 credits (2 credits Lecture and 2 credits Practicum)		Semester-IV (Scheme A, B, C, D) VOC-1 4 credits (2 credits Lecture and 2 credits Practicum)		Semester-V (Scheme A, C, D) VOC-2 4 credits (2 credits Lecture and 2 credits Practicum)		Semester-VI (Scheme A, B, C, D) VOC-3 4-credits (2 credits Lecture and 2 credits Practicum)	
	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course
Applied Psychology	24VOC0301T		24VOC0401T	Personality and Personality Assessment	24VOC0501T		24VOC0601T	
	24VOC0301P		24VOC0401P	Personality and Personality Assessment Lab	24VOC0501P		24VOC0601P	
Business Administration	24VOC0302T		24VOC0402T		24VOC0502T		24VOC0602T	
	24VOC0302P		24VOC0402P		24VOC0502P		24VOC0602P	

Subject							
Commerce	24VOC0303T	24VOC0403T		24VOC0503T		24VOC0603T	
	24VOC0303P	24VOC0403P		24VOC0503P		24VOC0603P	
Economics	24VOC0304T	24VOC0404T		24VOC0504T		24VOC0604T	
	24VOC0304P	24VOC0404P		24VOC0504P		24VOC0604P	
Education	24VOC0305T	24VOC0405T		24VOC0505T		24VOC0605T	
	24VOC0305P	24VOC0405P		24VOC0505P		24VOC0605P	
English & Foreign Languages	24VOC0306T	24VOC0406T	International English Language Proficiency	24VOC0506T	Basics of Translation	24VOC0606T	English for Competitive Exams
	24VOC0306P	24VOC0406P	International English Language Proficiency Practical	24VOC0506P	Basics of Translation Practical	24VOC0606P	English for Competitive Exams Practical
Geography	24VOC0307T	24VOC0407T	World Regional Geography-I	24VOC0507T		24VOC0607T	
	24VOC0307P	24VOC0407P	World Regional Geography-I Lab	24VOC0507P		24VOC0607P	
Hindi	24VOC0308T	24VOC0408T		24VOC0508T		24VOC0608T	
	24VOC0308P	24VOC0408P		24VOC0508P		24VOC0608P	
Library & Information Science	24VOC0309T	24VOC0409T		24VOC0509T		24VOC0609T	

Subject/Department				
	24VOC0309P	24VOC0409P	24VOC0509P	24VOC0609P
Mass Communication	24VOC0310T	24VOC0410T General Current Awareness (Media)	24VOC0510T	24VOC0610T
	24VOC0310P	24VOC0410P General Current Awareness (Media) Lab	24VOC0510P	24VOC0610P
Yoga Science and Therapy	24VOC0311T	24VOC0411T Hatha Yoga	24VOC0511T Health and Yogic Diet	24VOC0611T Yoga for Holistic Development
	24VOC0311P	24VOC0411P Hatha Yoga Practical	24VOC0511P Health and Yogic Diet Practical	24VOC0611P Yoga for Holistic Development Practical

Sciences and Technology

Subject/Department	Semester-III (Scheme B only) VOC 4 credits (2 credits Lecture and 2 credits Practicum)		Semester-IV (Scheme A, B, C, D) VOC-1 4 credits (2 credits Lecture and 2 credits Practicum)		Semester-V (Scheme A, C, D) VOC-2 4 credits (2 credits Lecture and 2 credits Practicum)		Semester-VI (Scheme A, B, C, D) VOC-3 4-credits (2 credits Lecture and 2 credits Practicum)	
	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course
Allied Health Sciences	24VOC0316T		24VOC0416T		24VOC0516T		24VOC0616T	
	24VOC0316P		24VOC0416P		24VOC0516P		24VOC0616P	

Department	Code	Course	Code	Course	Code	Course	Code	Course
Artificial Intelligence and Data Science	24VOC0317T		24VOC0417T	Software Development	24VOC0517T		24VOC0617T	
	24VOC0317P		24VOC0417P	Software Development Lab	24VOC0517P		24VOC0617P	
Biotechnology	24VOC0318T		24VOC0418T	Basic Concepts of Immunology	24VOC0518T	Fundamentals of Bioinformatics	24VOC0618T	Industrial Biotechnology
	24VOC0318P		24VOC0418P	Basic Concepts of Immunology Lab	24VOC0518P	Fundamentals of Bioinformatics Lab	24VOC0618P	Industrial Biotechnology Lab
Botany	24VOC0319T		24VOC0419T		24VOC0519T		24VOC0619T	
	24VOC0319P		24VOC0419P		24VOC0519P		24VOC0619P	
Chemistry	24VOC0320T	Titrimetric Analysis	24VOC0420T	Functional Group Analysis	24VOC0520T		24VOC0620T	Isolation and Estimation of Natural Products
	24VOC0320P	Titrimetric Analysis Lab	24VOC0420P	Functional Group Analysis Lab	24VOC0520P		24VOC0620P	Isolation and Estimation of Natural Products Lab
Computer Science & Engineering	24VOC0321T		24VOC0421T	Java Programming	24VOC0521T	Data Science and Analytics	24VOC0621T	Data Analytics using Python
	24VOC0321P		24VOC0421P	Java Programming Lab	24VOC0521P	Data Science and Analytics Lab	24VOC0621P	Data Analytics using Python
Environmental Science	24VOC0322T		24VOC0422T		24VOC0522T		24VOC0622T	
	24VOC0322P		24VOC0422P		24VOC0522P		24VOC0622P	
Electrical and Electronics Engineering	24VOC0323T		24VOC0423T	Basic Radar and Radio Systems	24VOC0523T		24VOC0623T	
	24VOC0323P		24VOC0423P	Basic Radar and Radio Systems	24VOC0523P		24VOC0623P	

Department	Code	Subject	Code	Subject	Code	Subject	Code	Subject
				Lab				
Food Technology	24VOC0324T		24VOC0424T	Processing and Preservation of Fruits and Vegetables	24VOC0524T	Baking and Confectionary Technology	24VOC0624T	By Product Utilization of Food Industries
	24VOC0324P		24VOC0424P	Processing and Preservation of Fruits and Vegetables Lab	24VOC0524P	Baking and Confectionary Technology Lab	24VOC0624P	By Product Utilization of Food Industries Lab
Mathematics	24VOC0325T	Programming with C	24VOC0425T	Programming with C++	24VOC0525T	Programming with R	24VOC0625T	Programming with Python
	24VOC0325P	Programming with C Lab	24VOC0425P	Programming with C++ Lab	24VOC0525P	Programming with R Lab	24VOC0625P	Programming with Python Lab
Mechanical Engineering	24VOC0326T		24VOC0426T		24VOC0526T		24VOC0626T	
	24VOC0326P		24VOC0426P		24VOC0526P		24VOC0626P	
Microbiology	24VOC0327T		24VOC0427T	Fundamentals of Immunology	24VOC0527T	Basic Concepts of Bioinformatics	24VOC0627T	Industrial Microbiology
	24VOC0327P		24VOC0427P	Fundamentals of Immunology Lab	24VOC0527P	Basic Concepts of Bioinformatics Lab	24VOC0627P	Industrial Microbiology Lab
Physics	24VOC0328T	Instrumentation-I	24VOC0428T	Instrumentation-II	24VOC0528T		24VOC0628T	Instrumentation-III
	24VOC0328P	Instrumentation-I Lab	24VOC0428P	Instrumentation-II Lab	24VOC0528P		24VOC0628P	Instrumentation-III Lab
Zoology	24VOC0329T		24VOC0429T		24VOC0529T		24VOC0629T	
	24VOC0329P		24VOC0429P		24VOC0529P		24VOC0629P	