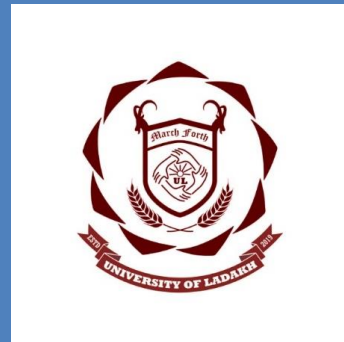# FOUR YEAR UNDERGRADUATE CURRICULUM FRAMEWORK

BASED ON
NEW EDUCATION POLICY - 2020

(Approved by the Academic Council on 28th of December 2022)

UNIVERSITY OF LADAKH
Administrative Office,
Melong-Thang, Leh & Purig Guest House, Kargil

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3rd Edition (December 2023)

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Foreword

National Education Policy 2020 (NEP 2020) is the first education policy of the 21st century and aims to address the many growing developmental imperatives of India. This Policy proposes the revision and revamping of all aspects of the education structure, including its regulation and governance, to create a new system that is aligned with the aspirational goals of 21st century education.

At the University of Ladakh, we wholeheartedly worked out to understand and explore the possibilities for a systematic implementation of NEP-2020 for the benefit of faculty, students, and society.

The NEP committee including the faculty from University and colleges of UoL has worked tirelessly under the guidance of Mr. Deskyong Namgyal, COE and has prepared the comprehensive roadmap to implement the policy at UG level.

After having conducted NEP Conclave and several meetings, UoL have come up with a comprehensive document "*Four-year Undergraduate Curriculum Framework*". The focus has also been given on the core values of the policy e.g. Multi-Entry-Multi-Exit system, Choice-Based Credit System, multidisciplinary education, ethos of Indian Culture and glory etc.

I look forward to the successful implementation of the NEP-2020 at UG level from the session 2023-2024.

Sd/=
Prof. SK Mehta
Vice Chancellor

FOUR YEAR UNDERGRADUATE PROGRAMMES UNDER UNIVERSITY OF LADAKH FROM ACADEMIC SESSION 2023-24

In view of the National Educational Policy 2020 of the Government of India and the University Grants Commission's Guidelines for the LearningOutcomes-based Curriculum Framework (LOCF) under the Choice Based Credit System (CBCS), the University of Ladakh hereby present this for undergraduate academic program to be implemented from the academic session 2023.

1. **Short Title, Commencement and Scope:**

    1.1. This shall be called the University of Ladakh's Ordinance for Undergraduate Program 2022.
    1.2. This Ordinance shall come into force from the Academic Session 2023.

2. **Scope and Coverage:**
    2.1. This shall come into effect in suppression to the existing system of Bachelor of Arts, Bachelor of Commerce and Bachelor of Science (Six-Semester System).
    2.2. The undergraduate academic program governed by this Ordinance shall be of four years duration with multiple exit options within this period with appropriate certifications namely -
        (a) **Bachelor's Certificate** in a Discipline upon the successful completion of the First Year (Two Semesters);
        (b) **Bachelor's Diploma** in a Discipline upon the successful completion of the Second Year (Four Semesters);
        (c) **Bachelor's Degree** in a Discipline at the successful completion of the Third Year (Six Semesters);
        (d) **Bachelor's Degree (Honours) with Research** in a Discipline at the successful completion of the Four Year (Eight Semesters).
    2.3. This shall be applicable to the students taking admission to the undergraduate program from the Academic Session 2023.
    2.4. Those students who were admitted to the undergraduate program before enforcement of this Ordinance shall continue to be governed by the existing Ordinance for Bachelor of Arts, Bachelor of Commerce and Bachelor of Science (Six-Semester System).
    2.5. The curriculum for the 4-year undergraduate program shall be based on the LOCF-CBCS system of the UGC with value addition courses which are envisaged in the NEP 2020.

3. **Abbreviations:**
    DSC – Discipline Specific core
    DSE – Discipline Specific Elective
    AEC – Ability Enhancement Course
    SEC – Skill Enhancement Course
    GE – Generic Elective
    VAC – Value Addition Course

4. **Definitions of Key Words:**

    4.1 National Education Policy 2020 (NEP 2020): The NEP 2020 envisages a holistic and multidisciplinary education that aims to produce employable graduates with

integrated personality. The policy envisions the undergraduate degree to be of either 3 or 4-year duration, with multiple entry and exit options within this period and with appropriate certifications e.g. a certificate after 1 year of study or a diploma after 2 years of study or a Bachelor's degree after 3 years of study. The 4-year program will lead to either a Bachelor's degree (Honours) with Research, if the student completes a rigorous research project in a major area of study as specified by the University or Honours Degree if a candidate opts to take up core papers instead of the research project in the final year.

4.2 **Academic Bank of Credit (ABC):** It is the platform developed by National e-Governance Division (NeGD) of the Ministry of Electronics and Information Technology, Government of India, having the facility/functionality of opening Academic Account by students and onboarding of eligible Higher Education Institutions (HEIs), in accordance with "The University Grants Commission (Establishment and Operation of Academic Bank of Credits in Higher Education) Regulations, 2021". ABC will digitally store the academic credits earned by students from HEIs registered with ABC for awarding degrees/diplomas/certificates considering credits earned by students. ABC will ensure the opening, closure and validation of Academic Bank Accounts, credit verification, credit accumulation, and credit transfer, redemption for students.

4.3 **Multiple Entry and Exit Points:** These are stages where the students may have options for entry and exit in the academic program in Higher Education Institutions to be facilitated through the facility created by the Academic Bank Credit scheme in the manner as provided in the UGC "Guidelines for Multiple Entry and Exit in Academic Program offered in Higher Education Institutions".

4.4 **Learning Outcomes-based Curriculum Framework (LOCF):** It is a framework initiated by the UGC in 2018 for updating CBCS curriculum so as to reflect the expected learning outcomes and academic standards that are expected to be attained by graduates of a program of study and holder of a qualification.

4.5 **Choice Based Credit System (CBCS):** It is the system formulated by the UGC in 2015. The CBCS provides choice for students to select from the prescribed courses (core, elective or minor or soft skill courses). Under the CBCS, the requirement for awarding a degree or diploma or certificate is prescribed in terms of minimum number of credits to be completed by the students.

4.6 **Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.

4.7 **Semester:** Each semester will consist of 15-16 weeks of academic work equivalent to 90 actual teaching days. In a bi-semester system, an academic year consists of two semesters. The odd semesters may be scheduled from June/July to November/ December, and even semester from November/ December to April/May.

4.8 **Program:** A program, hereinafter, shall mean an academic program leading to award of a degree, diploma or certificate. It comprises of a fixed set of core (compulsory) Courses and some choice based (optional) Courses with a minimum Credit requirement.

4.9 **Course:** A course, usually referred to as 'paper', is a component of a Program, comprising one or a combination of some academic forms of instructions such as lectures, tutorials, laboratory work, field work, outreach activities, project work, vocational training, viva, seminars, term papers, assignments, presentations, self-study etc. or a combination of some of these. All courses should define learning objectives and students learning outcomes. Each course is to be identified by a unique course code and course title.

4.10 **Credit:** Credit defines the quantum of work-load for a course. Generally, one hour of theory or one hour of tutorial or two hours of laboratory work, per week for a duration of a semester result in the award of one credit. Credits for internship shall be one credit per one week of internship, subject to a maximum of four credits.

4.11 **Grade Point:** It is a numerical weight allotted to each letter grade on a 10-point scale.

4.12 **Letter Grade**: It is an index of the performance of students in a course. Grades are denoted by letters O, A+, A, B+, B, C, P, F and Ab.

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

4.14 Semester Grade Point Average (SGPA): It is a measure of performance of work done in a semester. It is ratio of total credit points secured by a student in various courses registered in a semester to the total course credits taken during that semester. It shall be expressed up to two decimal places.

4.15 Cumulative Grade Point Average (CGPA): It is a measure of overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters to the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.

4.16 Transcript or Grade Card or Certificate: Based on the grades earned, a grade certificate shall be issued to all the registered students after every semester. The grade certificate will display the course details (code, title, number of credits, grade secured) along with SGPA of that semester and CGPA earned till that semester.

5. **Courses of Undergraduate Program:**

The undergraduate program governed by this Ordinance contain the following course components:

5.1 Foundation/Introductory (Major/Minor) Course: These are the courses which is to be compulsorily studied by a student as a core requirement in the first and second semesters to complete the requirement of a program in a said discipline/subject of study. A student will have to select only one course from a given table (Annexure – 1) under various groups for Foundation/Introductory (Major) and only one from a separate group for Foundation/Introductory (Minor). Each of the Courses may contain either one or two components: Theory and Practical/Tutorial. Theory Paper having Practical shall carry 3 Credits so that Practical carries 1 Credit, whereas courses with only theory Paper shall carry 4 Credits. These courses will be of introductory nature and one should have studied these courses to carry on with his/her Major or Minor in 3rd semester and onwards. Credits earned from these courses will be added to the credit scored for one's Major/Minor.

5.2 Major Course (Annexure – 2): Carrying on with the specific courses from 3rd semester onwards through to 8th semester, one will be studying number of papers of his/her choice of Major Course. However, he/she should have studied the Introductory course of the same subject or group of subjects in the first year of program as Foundation/Introductory (Major/Minor).

5.3 Minor Course (Annexure – 2): One will have to study a paper of four credit in each of the semesters of the program as his/her choice as Minor. However, one should have studied the foundation/Introductory (Major/Minor) of the same subject/group of subjects in the first two semesters.

5.4 Elective Course: Generally, an elective course is a course which can be chosen from a pool of courses which may be very specific or specialized or advanced or supportive to the discipline/ subject of study or which provides an extended scope or which enables an exposure to some other discipline/subject/domain or nurtures the candidate's proficiency/skill.

An elective course may be of following types:

5.4.1 Discipline Specific Elective (DSE) Course: Elective courses offered by the main discipline/subject of study (Major) are referred to as Discipline Specific Elective Courses. This course is to advance knowledge and skill in the core domain. Each of the DSE courses may contain two components: Theory and Practical/Tutorial. Theory Paper having Practical shall carry 3 Credits so that Practical carries 1 Credits. Theory Paper having Tutorial shall carry 3 Credits so that Tutorial carries 1 Credit.

5.4.2 Dissertation/Project/Internship: An elective course designed to acquire special/advanced knowledge is termed as dissertation/project. This is considered as a special course involving application of knowledge in solving/ analyzing/ exploring a real-life situation/ difficult problem. Dissertation/Project Work/Internship is optional and it may be offered in lieu of a discipline specific elective paper in 8th Semester.

5.4.3 Generic Elective Course (GEC)/Interdisciplinary ((Annexure – 3 and

10): An elective course chosen generally from an unrelated discipline/subject, with an intention to seek a wide exposure is called a Generic Elective. These may be interdisciplinary in nature also. Such courses will be offered in the first three semesters of a program. One will opt three different GEC in the first three semesters so as to get a variety of knowledge in different fields. Each course shall be of 3 credits each per semester.

5.5 **Ability Enhancement Course:** The Ability Enhancement Course may be of two kinds: Ability Enhancement Compulsory Courses (AECC) and Skill Enhancement Courses (SEC).

    5.5.1 AECC courses are the courses based upon the content that leads to Knowledge enhancement: (i) English Communication: This will be mandatory for all disciplines and will be offered in the first two semesters. (ii) MIL/Regional Languages: Students will be given an option to choose from a varied language papers which includes national language like Hindi/Urdu and numbers of local languages also. Each of the AECC shall carry 2 credits each per semester.

    5.5.2 SEC (Annexure – 4) courses are value-based and/or skill-based and are aimed at providing hands-on-training, competencies, skills, etc. These may be chosen from a pool of courses designed to provide value-based and/or skill-based knowledge. Based on MoUs signed with numbers of sectors of Sector Skill Council, some hard skills (Annexure – 5) may also be offered to students which will go a long way in making the students skillful with valid skill certificates of various sectors. Each of the SEC courses shall carry 3 Credits per semester and shall be offered in the first three semesters.

5.6 **Value Addition Courses (VAC):** These are courses (Annexure – 6) that will help develop all capacities of human beings – intellectual, aesthetic, social, physical, emotional, and moral in an integrated manner. It includes subjects like Yoga, Sports, HealthCare, NCC, NSS, Ethics, Culture etc. VAC courses may be chosen from a pool of courses. Each VAC course shall carry 2 Credits. A student will have to opt for two VACs per semester in the first two semesters of a program.

6. **Minimum Credit Requirement:** The given table reflects the minimum credit requirement in each of the courses to complete the program –

S.Nos	Broad Category of Course	Minimum Credit Requirement	
		3-year UG	4-year UG
1	Major	60	80
2	Minor	24	32
3	Multidisciplinary/GEC	09	09
4	Ability Enhancement Courses (AEC)	08	08

5	Skill Enhancement Courses (SEC)	09	09
6	Value Addition Course common for all UG	06-08	06-08
7	Summer/Winter Internship	02-04	02-04
8	Research Project/Dissertation	---	12
Total		120	160

7. Course Structure:
The course structure for the 4-year UG program is given in <u>Annexures – 7 & 8:</u>

(A) Bachelor's Certificate

The Bachelor's Certificate in a discipline is obtainable after 1 year (two semesters) of study. A Bachelor's Certificate in a discipline may be awarded if a student studies 4 core papers in that discipline/group of discipline as Foundation/Introductory (Major/Minor), 2 GEC/ID course, 2 Ability Enhancement Compulsory Courses (AECC), 2 Skill Enhancement Courses (SEC) and 4 Value Addition Courses (VAC), with the completion of courses equal to a 40 Credits. Such a student will further have to do an additional Internship program of 4 credits in the Skill program which he/she has carried out.

(B) Bachelor's Diploma

The Bachelor's Diploma in a discipline is obtainable after 2 years (four semesters) of study. A Bachelor's Diploma in a discipline may be awarded if a student studies 8 core papers in that discipline including the two Foundation/Introductory (Major/Minor), 4 core papers under Minor including the two Foundation/Introductory (Major/Minor), 3 GEC/Interdisciplinary, 4 Ability Enhancement Compulsory Courses (AECC), 3 Skill Enhancement Courses (SEC), 4 Value Addition Courses (VAC), with the completion of courses equalto 80 Credits.

(C) Bachelor's Degree

The Bachelor's Degree in a discipline is obtainable after 3 years (six semesters) of study. A Bachelor's degree may be awarded if a student studies 10 core papers in that discipline, 6 DSEs, 6 papers under Minor discipline of his/her choice, 4 Ability Enhancement Compulsory Courses (AECC), 3 Skill Enhancement Courses (SEC), 4 Value Addition Courses (VAC), and 3 Generic Elective (GE)/Inter-disciplinary courses and one internship program of 2 credits, with the completion of courses equal to 120 Credits.

(D) Bachelor Honours Degree with Research

The Bachelor's (Honours) Degree with Research in a discipline is obtainable after 4

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years (eight semesters) of study. A Bachelor's degree with Research in a discipline may be awarded if a student studies 12 core papers in that Major discipline, one 4 credit paper on Research Methodology and 12 credit project/dissertation work on his/her choice of topic in a specific area, 8 DSEs in the same Major discipline, 3 GEC/Interdisciplinary course, 4 Ability Enhancement Compulsory Courses (AECC), 3 Skill Enhancement Courses (SEC), 4 Value Addition Courses (VAC) and one internship program of 2 credits, with the completion of courses equal to a minimum of 160 Credits.

8. SWAYAM Courses:

8.1 SWAYAM Courses: The University may allow up to 40% of the total courses being offered in a particular program in a Semester through the online learning courses offered through SWAYAM platform subject to the following conditions:

(a) The course contents are alike;
(b) The courses are not offered in the University/College;
(c) There is non-availability of suitable teaching staff to run the course in the University/College.

8.2 The University shall give the equivalent credit weightage to the student for the credits earned vide online learning credit courses through SWAYAM platform, in the credit plan of the program.

9. Mechanism for Computation of Work-load:

The following mechanism shall be adopted for computation of work-load:

(a) 1 Credit = 1 Theory period of one-hour duration/week/semester;

(b) 1 Credit = 1 Tutorial period of one-hour duration/week/semester;

(c) 1 Credit = 1 Practical period of two-hours duration/week/semester;

(d) 1 Credit = Internship of 1 week/semester.

10. Course Curriculum and Syllabus:

10.1. The course curriculum and syllabus of every undergraduate program shall be developed by the concerned School Board of Studies/Department Board of Studies / Board of Under-Graduate Studies of the University and they shall be implemented after obtaining approval from the Academic Council.

10.2. The University may offer a number of choices for the papers under Generic Elective Courses (GEC), Discipline Specific Elective (DSE) courses, Skill

Enhancement Courses (SEC) and Value Addition Courses (VAC), as per the availability of the courses and faculty.

10.3. The University may evolve a system/policy about Extra Curricular Activities/ General Interest and Hobby Courses/Sports/NCC/NSS/Vocational courses/related courses, for adding them under Value Addition Courses (VAC).

10.4. Dissertation/Project Work/Internship is optional and it may be offered in lieu of a discipline specific elective paper in 8th Semester.

10.5. Every course/paper offered in the University shall have a unique Course Code consisting of 09 (nine) alphanumeric characters in the form of *"XYZ-AB-101C"* where the double alphabet characters *"XYZ"* shall identify the Introductory discipline to which the Course/paper belongs, AB identify the major/minor subject whereas the numeric characters specify the paper and its qualification level and *"C" is the alpha* character specifying the nature of the Course/paper under that level.

10.6. The curriculum of every undergraduate program shall be in conformity with the University Grants Commission's Guidelines for the Learning Outcomes- based Curriculum Framework (LOCF) under the Choice Based Credit System (CBCS).

10.7. Every undergraduate program shall conform with the common minimum curriculum and syllabi of the core papers as fixed by the UGC under the CBCS

system. The allowed deviation from the syllabi is 30% at the maximum.

11. Multiple Entry and Exit Options:

The entry and exit options for students, who enter the undergraduate program, shall be as follows:

1ST YEAR

Entry 1: The entry requirement for Bachelor's certificate (Level 5) program is Secondary School Leaving Certificate obtained after the successful completion of Grade 12. A program of study leading to entry into the first year of the Bachelor's degree is open to those who have met the entrance requirements, including specified levels of attainment at the secondary level of education specified in the program admission regulations. Admission to the Bachelor's degree program of study is based on the evaluation of documentary evidence (including the academic record) of the applicant's ability to undertake and complete a Bachelor's degree program.

Exit 1: Bachelor's certificate will be awarded when a student exits at the end of 1st year (Level 5). A Bachelor's certificate requires completion of courses equal to a minimum of 44 Credits at Level 5.

2ND YEAR

Entry 2. The entry requirement for Bachelor's diploma (Level 6) is a Bachelor's certificate obtained after completing the first year (two semesters) of the undergraduate program. **A program of study leading to the second year of the Bachelor's degree is open to those who have met the entrance requirements, including specified levels of attainment, in the program admission regulations.** Admission to a program of study is based on the evaluation of documentary evidence (including the academic record) of the applicant's ability to undertake and complete a Bachelor's degree program.

Exit 2: At the end of the 2nd year (Level 6), if a student exits, a Bachelor's diploma shall be awarded. A Bachelor's Diploma requires completion of courses equal to a minimum of 88 Credits from Level 5 to Level 6.

3RD YEAR

Entry 3. The entry requirement for an undergraduate program is a diploma obtained after completing two years (four semesters) of the undergraduate program. **A program of study leading to the Bachelor's degree is open to those who have met the entrance requirements, including specified levels of attainment, in the program admission regulations.** Admission to a program of study is based on the evaluation of documentary evidence (including the academic record) of the applicant's ability to undertake and complete a Bachelor's degree program.

Exit 3: On successful completion of three years, the Bachelor's degree shall be awarded. A Bachelor's degree requires completion of courses equal to a minimum of 120 Credits from Level 5 to Level 7.

4TH YEAR

Entry 4. An individual seeking admission to a Bachelor's degree (Honours) (Level 8) in a discipline would normally have completed all requirements of the relevant three-year bachelor degree (Level 7) in that discipline. After completing the requirements of a three-year Bachelor's degree, candidates who meet **a minimum CGPA of 7.5** shall be allowed to continue studies in the fourth year of the undergraduate program to pursue and complete the Bachelor's degree with Research in the discipline. The admission in the 4th year will also depend on the intake capacity of a college where it is being sought.

Exit 4: On successful completion of the fourth year, a student shall be awarded a Bachelor's degree (Honours) with Research in the concerned discipline. A Bachelor's degree (Honours) with Research requires completion of courses equal to a minimum of 160 Credits from Level 5 to Level 8.

12. Qualification Levels and Credit Requirements:

Following the UGC's nomenclature, qualification titles such as certificate, diploma and degree for the undergraduate program are organized in a series of levels in ascending order as under:

Level 5: Bachelor's certificate;

Level 6: Bachelor's diploma;

Level 7: Bachelor's degree;

Level 8: Bachelor's degree with Research.

The minimum credit requirements for these qualification types shall be as under:

Levels	Qualification Title	Minimum Credit Requirements
Level 5	Bachelor's Certificate in a discipline	40
Levels 6	Bachelor's Diploma in a discipline	80
Levels 7	Bachelor's Degree in a discipline	120
Levels 8	Bachelor's Degree (Honours) with Research in a discipline	160

13. Marks Distribution and Evaluation:

13.1. Total marks for each course (comprising theory only) shall be based on internal assessment (30%) and semester end examination (70%). The internal assessment of 30% shall be distributed as under:

(i) Test/Assignment/Seminar/Field Work/Project Work/Case Study: 20 marks

(ii) Attendance: 10 marks

1.1. Total marks for courses with practical component shall be divided into 3 credits (theory) and 1 credit (practical). As such, the theory paper shall be further divided into two components –

(i) External Semester-end exam carrying 50 marks

(j) Internal Assessment component carrying 25 marks, which shall further be broken into two –

    a. Test/Assignment/Seminar/Field work/Project work – 20 marks

    b. Attendance – 5 marks

(iii) The practical component carrying weightage of one credit (Max marks – 25 marks) shall also be assessed at two levels –

- Internal = 10 marks (it will include daily assessment as well as an internal exam).
- External Practical Exam = 15 marks

14. Letter Grade and Grade Point:

The 10-point grading system of the UGC, as described below, will be adopted for assessment and examination of the performance of students in various courses of the undergraduate program.

Letter Grade is used to signify the level of qualitative/quantitative academic achievement of a student in a Course, while the **Grade Point** is used to indicate the numerical weight of the Letter Grade on a 10-point scale. Letter Grades 'O' to 'P'

indicate successful completion of a Course, while Letter Grades 'F' and 'Ab' indicate 'fail' and 'Absent' respectively.

Table: Letter Grades and Grade Points

Letter Grade	Grade Point	% of Marks	SGPA/CGPA	Description
O (Outstanding)	10	90 – 100	9.0 – 10.0	Outstanding
A+ (Excellent)	9	80 – 89.9	8.0 – 8.9	First Class Exemplary
A (Very Good)	8	70 – 79.9	7.0 – 7.9	First Class Distinction
B+ (Good)	7	60 – 69.9	6.0 – 6.9	First Class
B (Above Average)	6	55 – 59.9	5.5 – 5.9	High Second Class
C (Average)	5	50 – 54.9	5.0 – 5.4	Second Class
P (Pass)	4	40 – 49.9	4.0 – 4.9	Pass
F (Fail)	0	00 – 39.9	0.0 - 4.0	Fail
Ab	0	---	---	Absent

15. Computation of SGPA and CGPA

15.1 The Semester Grade Point Average (SGPA) of a student in a Semester is the weighted average of the Grade Points secured by the student in all the Credit Courses that he/she registered in that Semester, irrespective of whether he/she could or could not complete the Courses. The SGPA of a student in a Semester shall be calculated on the UGC's 10-point scale by finding the ratio of sum of the product of the number of credits with the grade points scored by the student in all the courses in that semester and the sum of the number of credits of all the courses undergone by the student i.e.,

$$SGPA = \frac{\sum(C_i \times G_i)}{\sum C_i}$$

where C_i is the number of credits of the ith course and G_i is the grade point scored by the student in the ith course. Conventionally, SGPA is rounded off to 2 decimal points.

15.2 The Cumulative Grade Point Average (CGPA) of a student in a Program is the accumulated weighted average of the Grade Points secured by the student in all the Credit Courses that he/she registered, over all semesters of the program. The CGPA of a student shall be calculated on the UGC's 10-point scale by finding the ratio of sum of the product of the number of credits with the SGPA of the student over all the semesters and the sum of the number of credits over all the semesters i.e.,

$$CGPA = \frac{\sum(C_i \times S_i)}{\sum C_i}$$

where S_i is the SGPA of the ith semester and C_i is the total number of credits in that semester. Conventionally, CGPA is rounded off to 2 decimal points.

16. Accumulation of Credits:

Every student shall open an account in the Academic Bank of Credits which willprovide him/her with a unique ID and will allow access to the Standard

Operating Procedure (SOP). The Credits awarded to a student for the courses pursued in the University shall be accumulated in the Academic Bank Account of the student. The procedure for accumulation of credits earned, shelf life, redemption of credits, wouldbe as per the UGC (Establishment and Operation of Academic Bank of Credits in Higher Education) Regulations, 2021 and their subsequent amendments. The validityof credits earned will be to a maximum period of seven years or as specified by the Academic Bank of Credits.

17. **Duration of the undergraduate programs:**
Every student admitted to an undergraduate program for a qualification (Level 5 to Level 8) shall be required to complete the program within a period of 2 (two) years from the date of admission to the program of each qualification level. Full four-year UG program has to be completed in a maximum time duration of seven years.

18. **Course Registration:**
At the beginning of every Semester, all the students shall be required to register forthe Courses specified for that Semester of the Program in the Office of Assistant Registrar (Admission) in the prescribed forms with payment of fees as prescribed by the University from time to time.

19. **Admission and Examinations:**
All matters pertaining to admission and examinations for the 4-year undergraduate programs shall be regulated by the Admission and Examination Regulations for the 4-Year Undergraduate Program of the University of Ladakh. Special chapter is included on examination in the document at page no 21.

20. **Power to remove Difficulties:**
If any difficulty arises in giving effect to the provisions of this Ordinance, the Vice- Chancellor may, by order, make such provisions not inconsistent with the Act, Statutes, Ordinances or other Regulations, as appears to be necessary or expedient to remove the difficulty, however subject to ratification of such order by the Appropriate University Authorities.

EXAMINATION AND EVALUATION IN UNIVERSITY OF LADAKH UNDER NATIONAL EDUCATION POLICY – 2020

With the implementation of NEP-2020 in the colleges of UT of Ladakh from the academic session 2023 which markedly differs from the earlier undergraduate program, need has arisen to look into the examination system (pattern of question papers, evaluation method etc.). This is especially in light of the introduction of Foundation Courses in 1st and 2nd semester wherein some Foundation courses have number of subjects clubbed into one e.g. Life Sciences, Humanities and Social Sciences etc.

Setting of Question papers
In all the Foundation Courses which has only one subject e.g. Tourism, question paper will be set in the same way as was being done earlier. However, in the Foundation Courses which has number of subjects clubbed together e.g. Life Sciences, COE will ask paper setter of each subject to submit set of questions under Short and Long answer type. On receiving such question papers from all the concerned subjects of a Foundation Course, COE may ask any examiner of the faculty to moderate the questions into one question paper of the said Foundation Course.

Evaluation and Marks Distribution

a. **Major/Minor Foundation courses (4 credits)**

Candidates will be evaluated in all the Major and Minor Foundation Courses internally as well as externally. Internally, candidates will be evaluated through internal exam plus attendance whereas externally candidate will be evaluated through semester-end exam.
Marks distribution of the internal and external exams would be as follows –

Exams	Non-Lab courses	Courses with Lab work
Internal Exam	Total Marks = 30 ➢ Attendance = 10 ➢ 1st sessional = 10 ➢ 2nd sessional = 10	Total Marks = 25 ➢ Attendance = 5 ➢ 1st sessional = 10 ➢ 2nd sessional = 10
External Exam (Semester-end Exam)	Marks = 70	Marks = 50
Practical Exam	----------	Internal Exam = 10 (including 5 marks of attendance) External Exam = 15 Total Marks = 25
	Total Marks = 100	Total Marks = 100

Same pattern shall follow in all the Major/Minor from 3rd semester onwards also.

b. **Ability Enhancement Courses (2 credits)**

Candidates will be evaluated in AEC in the first four semesters internally as well as externally. Internally, candidates will be evaluated through internal exam plus attendance whereas externally candidate will be evaluated through semester-end exam.

Marks distribution of the internal and external exams would be as follows –

Exams	Non-Lab courses	Courses with Lab work
Internal Exam	Total Marks = 15 ➢ Attendance = 5 ➢ 1st sessional = 5 ➢ 2nd sessional = 5	-----------
External Exam (Semester-end Exam)	Total marks = 35	-----------
Practical Exam	----------	-----------
	Total Marks = 50	------------

c. Interdisciplinary/Generic Courses (3 credits)

Candidates will be evaluated in interdisciplinary (Generic) courses in the first four semesters internally as well as externally. Internally, candidates will be evaluated through internal exam plus attendance whereas externally candidate will be evaluated through semester-end exam.
Marks distribution of the internal and external exams would be as follows –

Exams	Non-Lab courses	Courses with Lab work
Internal Exam	Total Marks = 15 ➢ Attendance = 5 ➢ 1st sessional = 5 ➢ 2nd sessional = 5	-----------
External Exam (Semester-end Exam)	Total marks = 60	------------
Practical Exam	----------	------------
	Total Marks = 75	------------

d. Skill Enhancement Courses (3 credit each)

In these courses, there shall be no semester-end exam and therefore concerned teacher will evaluate the candidates based on their internal performance (theory and practical). However, the marks shall be allotted for attendance.
Marks distribution of the theory and attendance would be as follows –

Exams	Non-Lab courses (3 credits Theory)	Courses with Lab work	
		1 credit (Theory) + 2 credits (Practical)	2 credits (Theory) + 1 credit (Practical)
Internal Exam (Theory)	Marks = 65	Marks = 20	Marks = 40
Attendance	Marks = 10	Marks = 05	Marks = 10
External Exam (Theory)	----------	----------	----------

Practical Exam	----------	Marks = 50	Marks = 25
Total Marks	**75**	**75**	**75**

e. Value Addition Courses (2 credit each)

A candidate has to study two VACs each in first and second semester. These courses are meant to develop all capacities of human beings – intellectual, aesthetic, social, physical and emotional etc. In these courses too, like SEC, there shall be no semester-end exam and therefore concerned teacher will evaluate the candidates based on their internal performance (theory and practical). However, marks shall be allotted for attendance.

Marks distribution of the theory and attendance would be as follows –

Exams	Non-Lab courses (2 credits Theory)	Courses with Lab work
		1 credit (Theory) + 1 credit (Practical)
Internal Exam (Theory)	Marks = 40	Marks = 20
Attendance	Marks = 10	Marks = 05
External Exam (Theory)	----------	----------
Practical Exam	----------	Marks = 25 (including 5 marks for attendance)
Total Marks	**50**	**50**

f. Summer/Winter Internship/Minor project (2 credits)

In 5th semester, a student has to opt for internship/research project (minor) with any agency (either in Ladakh or outside). Whole process shall be taken up under the supervision of concerned teacher of the subject of his/her choice which shall be verified by examination convener/coordinator and approved by the concerned HOD/Principal. The agency, in case of internship, shall also award marks on his/her certificate out of maximum marks of 50 along-with verified report.

g. Dissertation/Research work (12 credits)

In the 8th semester, a student has to take up a research project in the area of his/her Major subject. Whole process shall be taken up under the supervision of concerned teacher of the subject of his/her choice and approved by the concerned HOD/Principal. Evaluation of the dissertation shall be done by an Internal and External examiner.

Dissertation shall be carrying a weightage of 12 credits equivalent to 300 marks. These marks shall be distributed as per the following:

S. Nos	Components	Max Marks
1.	Attendance	25
2.	Presentation before CRC	25
3.	Dissertation	200
4.	Viva voce	50

Once the research methodology course is over in 7th semester, colleges are advised to get at least three research topics from each of the student interested in carrying out research work on any Minor Project. Topic of the research shall be finalized in the College Research Committee meeting. Thereafter, students shall start writing synopsis/dissertation as per the guidelines given in Annexure - 9. All this shall be undertaken under a supervision of a guide, a permanent faculty of the college. Timeline for research work to be carried out shall be as follows –

S. Nos	Timeline	Work to be carried out
1.	Topic of the research work finalized/Presentation before College Research Committee	In the first 15 days of the semester
2.	Historical review/methodology	Next 15 days of the semester
3.	Field/Research	Next six weeks of the semester
4.	Compilation of dissertation	Last one month of the semester
5.	Viva voce	Before/after the semester-end exam (date shall be notified separately)

h. **Attendance and marks distribution**

Following the UGC guideline, 75% attendance in a subject is mandatory to be eligible to appear in semester-end exams. Weightage of marks distribution of attendance shall be as follows –

Percentage of attendance	MM = 05	MM = 10	MM = 25 (8th semester - Dissertation)
70-74.9 (condonable)	Nil	Nil	Nil
75.0 – 79.9	2	4	10
80.0 – 84.9	3	6	15
85.0 – 89.9	4	8	20
90.0 & above	5	10	25

In Foundation courses which has numbers of subjects clubbed together, HOD/Principal will assign someone from the members of the Foundation Course group, preferably the senior-most one, to prepare percentage of the cumulative attendance that the candidate has registered in all the subjects of the said course. Whereas, in Foundation course with only one subject under it, the concerned teacher shall prepare all the details and will submit the award.

Semester-end Examinations

Evaluation of the Major/Minor Foundation courses

Note: The candidate will be evaluated on the basis of a written examination (70/50/35/60 marks) and Internal Continuous Assessment (30/25/15/15 marks) in Major/Minor/AEC/Interdisciplinary papers respectively depending on the total credits of the paper. In the written examination, the question paper will have the following format:

Pattern of question paper (e.g. of a 4-credit paper Major/Minor):

The maximum marks in this paper/option will be 70 and duration of written examination will be **2 hr 30 minutes**

- (i) There will be two sections i.e. Section A and Section B. Section A will comprise of 4 short answer type questions and all will be compulsory. Whereas Section B will comprise of 4 questions each with an internal option.
- (ii) The candidate will be required to attempt 5 questions in all; first compulsory question from section A and other four questions from section B.
- (iii) Question No.1 (compulsory) will carry 14 marks. It will consist of 4 short answer type questions; equally distributed from the whole of the syllabus. The candidate is required to attempt all the four questions in 25-30 words each. Each short question carries 3.5 marks.
- (iv) Section B will comprise of the remaining part of the question paper divided into four questions, corresponding to the four units of the syllabus for each option. The paper setter will set 2 essay type questions from each unit. The candidate will attempt 4 essay type questions, selecting one from each unit. Each essay type question will carry 14 marks.
- (v) The paper setter is expected to follow the Essential Readings and set questions on the sub-themes or parts of a theme, rather than the topic as a whole.

Pattern of question paper (e.g. of a 3-credit paper Major/Minor papers with four units):

The maximum marks in this paper/option will be 50 and duration of written examination will be **2 hr 30 minutes**

- (i) There will be two sections i.e. Section A and Section B. Section A will comprise of 4 short answer type questions and all will be compulsory. Whereas Section B will comprise of 4 questions each with an internal option.
- (ii) The candidate will be required to attempt 5 questions in all; first compulsory question from section A and other four questions from section B.
- (iii) Question No.1 (compulsory) will carry 10 marks. It will consist of 4 short answer type questions; equally distributed from the whole of the syllabus. The candidate is required to attempt all the four questions in 25-30 words each. Each short question carries 2.5 marks.
- (iv) Section B will comprise of the remaining part of the question paper divided into four questions, corresponding to the four units of the syllabus for each option. The paper setter will set 2 essay type questions from each unit. The candidate will attempt 4 essay type questions, selecting one from each unit. Each essay type question will carry 10 marks.
- (v) The paper setter is expected to follow the Essential Readings and set questions on the sub-themes or parts of a theme, rather than the topic as a whole.

Pattern of question paper (e.g. of a 3-credit paper Major/Minor papers with three units):

The maximum marks in this paper/option will be 50 and duration of written examination will be **2 hr 30 minutes**

(i)   There will be two sections i.e. Section A and Section B. Section A will comprise of **6 medium answer type questions** and will be required to attempt only **four**. Whereas Section B will comprise of 3 questions each with an internal option.

(ii)   The candidate will be required to attempt 4 questions in all; first compulsory question from section A and other three questions from section B.

(iii)   Question No.1 (compulsory) will carry 20 marks. It will consist of six **medium answer type** questions; equally distributed from the whole of the syllabus. The candidate is required to attempt only four sub-questions in 75-100 words each. Each medium answer type question carries 5 marks.

(iv)   Section B will comprise of the remaining part of the question paper divided into three questions, corresponding to the three units of the syllabus for each option. The paper setter will set 2 essay type questions from each unit. The candidate will attempt **three** essay type questions, selecting one from each unit. Each essay type question will carry **10** marks.

(v)   The paper setter is expected to follow the Essential Readings and set questions on the sub-themes or parts of a theme, rather than the topic as a whole.

Pattern of question paper (e.g. of a 3-credit Interdisciplinary paper with four units):

The maximum marks in this paper/option will be 60 and duration of written examination will be **2 hr 30 minutes**

(i)   There will be two sections i.e. Section A and Section B. Section A will comprise of 4 short answer type questions and all will be compulsory. Whereas Section B will comprise of 4 questions each with an internal option.

(ii)   The candidate will be required to attempt 5 questions in all; first compulsory question from section A and other four questions from section B.

(iii)   Question No.1 (compulsory) will carry 12 marks. It will consist of 4 short answer type questions; equally distributed from the whole of the syllabus. The candidate is required to attempt all the four questions in 25-30 words each. Each short question carries 3 marks.

(iv)   Section B will comprise of the remaining part of the question paper divided into four questions, corresponding to the four units of the syllabus for each option. The paper setter will set 2 essay type questions from each unit. The candidate will attempt 4 essay type questions, selecting one from each unit. Each essay type question will carry 12 marks.

(v)   The paper setter is expected to follow the Essential Readings and set questions on the sub-themes or parts of a theme, rather than the topic as a whole.

Pattern of question paper (e.g. of a 3-credit paper Interdisciplinary paper with three units):

The maximum marks in this paper/option will be 50 and duration of written examination will be **2 hr 30 minutes**

(vi)   There will be two sections i.e. Section A and Section B. Section A will comprise of **6 medium answer type questions** and will be required to attempt only **four**. Whereas Section B will comprise of 3 questions each with an internal option.

(vii)   The candidate will be required to attempt 4 questions in all; first question from section A and other three questions from section B.

(viii)   Question No.1 (compulsory) will carry 20 marks. It will consist of six **medium answer type** questions; equally distributed from the whole of the syllabus. The candidate is required to attempt only four sub-questions in 75-100 words each. Each medium answer type question carries 6 marks.

(ix)   Section B will comprise of the remaining part of the question paper divided into three questions, corresponding to the three units of the syllabus with an option in each. The paper setter will set 2 essay type questions from each unit. The candidate will attempt **three** essay type questions, selecting one from each unit. Each essay type question will carry **12** marks.

(x)   The paper setter is expected to follow the Essential Readings and set questions on the sub-themes or parts of a theme, rather than the topic as a whole.

Pattern of question paper (e.g. of a 2-credit paper of AEC papers):

The maximum marks in this paper/option will be 35 and duration of written examination will be **2 hr.** only.

(i)   There will be two sections i.e. Section A and Section B. Section A will comprise of 4 short answer type questions and all will be compulsory. Whereas Section B will comprise of 4 questions each with an internal option.

(ii)   The candidate will be required to attempt 5 questions in all; first compulsory question from section A and other four questions from section B.

(iii)   Question No.1 (compulsory) will carry 7 marks. It will consist of 4 short answer type questions; equally distributed from the whole of the syllabus. The candidate is required to attempt all the four questions. Each short question carries 1.75 marks.

(iv)   Section B will comprise of the remaining part of the question paper divided into four questions, corresponding to the two units (Question 2 and 3 from Unit – I and question 4 and 5 from Unit – 2) of the syllabus for each option. The paper setter will set 2 essay type questions from each unit. The candidate will attempt 4 essay type questions, selecting one from each. Each essay type question will carry 7 marks.

(v)   The paper setter is expected to follow the Essential Readings and set questions on the sub-themes or parts of a theme, rather than the topic as a whole.

Rest of the norms shall remain as they were being followed by the university (as per norm in the statutes).

Sd/=
Controller of Examinations

Dated: 13th of October 2023
No: UOL/2023/COE-29/704

Annexure – 1: GROUP OF DISCIPLINE/SUBJECTS OF FOUNDATION/INTRODUCTORY COURSES FOR FIRST AND SECOND SEMESTERS (TO CHOOSE ONLY ONE FROM ANY GROUP FOR MAJOR AND ONE FOR MINOR FROM SEPARATE GROUPS)

GROUP - 1	GROUP - 2	GROUP - 3	GROUP - 4	GROUP - 5	GROUP - 6	GROUP - 7	GROUP - 8	GROUP - 9
LIFE SCIENCE	PHYSICAL & CHEMICAL SCIENCE	EARTH AND ENVIRONMENTAL SCIENCES	LANGUAGES AND LITERATURE	ARTS	HUMANITIES AND SOCIAL SCIENCES - I	HUMANITIES AND SOCIAL SCIENCES - II	EDUCATION AND BEHAVIORAL SCIENCE	TOURISM STUDIES
MATHEMATICAL SCIENCE	MEDIA AND COMMUNICATION	COMMERCE & MANAGEMENT	-----------	COMPUTER SCIENCE	-----------	-----------	-----------	-----------

Annexure - 2: LIST OF MAJOR AND MINOR SUBJECTS

S.NOS	SUBJECTS
1.	Botany
2.	Zoology
3.	Chemistry
4.	Physics
5.	Geology
6.	Geography
7.	Biochemistry
8.	Biotechnology
9.	Economics
10.	Sociology
11.	History
12.	Political Science
13.	Mass Communication and Journalism
14.	Anthropology
15.	Social Work
16.	Urdu Literature
17.	Hindi Literature
18.	Arabic Literature
19.	Persian Literature
20.	Foreign Language (Chinese/French)
21.	Mathematics
22.	Environmental Science
23.	Philosophy
24.	Tourism and Travel Management
25.	Education
26.	English Literature
27.	Psychology
28.	Computer Applications
29.	Physical Education

Annexure – 3: List of Generic Elective/Inter-disciplinary courses to be offered in the first three semesters

S.Nos	Generic Courses	Falls under the main subject
1.	Introduction to Anthropology	Anthropology
2.	Understanding Microbial Life	Biotechnology
3.	Chemistry in everyday Life	Chemistry
4.	Foundation in Chinese Language	Chinese
5.	Introduction to computers	Computer Science
6.	Introduction to Economics	Economics
7.	Introduction to Education	Education
8.	English	English
9.	Basics of Geography	Geography
10.	Hindi Varnmala avom Vayakaran	Hindi
11.	Introduction to History	History
12.	Bio-mathematics	Mathematics
13.	Media and Society	Mass Com and Journalism
14.	Exercise and Weight Management	Physical Education
15.	Elementary Physics	Physics
16.	Introduction to Social Work	Social Work
17.	Introduction to Tourism Studies	Travel and Tourism
18.	Wildlife and Conservation	Zoology
19.	Introduction to Greek Philosophy	Philosophy
20.	Introduction to Ethics	Philosophy
21.	Introduction to Political Science	Political Science
22.	Introducing Sociology	Sociology
23.	Understanding Indian Society	Sociology
24.	Introduction to Environment	Environment Science
25.	Ecology	Botany
26.	Introduction to Persian Grammar and Culture	Persian
27.	Earth System Dynamics	Geology
28.	Urdu Ghazal Afsana aur Urdu Qawayed	Urdu
29.	Psychology and Mental Health	Psychology
30.	Psychology for Health and Wellbeing	Psychology
31.	Guidance and Counselling	Psychology
32.	Introduction to Accountancy	Commerce
33.	Introduction to Business Finance	Commerce
34.	Introduction to Business Law	Commerce
35.	Introduction to Corporate Finance	Commerce
36.	Introduction to Management	Commerce
37.	Introduction to Taxation	Commerce

Annexure – 4: List of Skill Enhancement Courses

S.NO	MAIN SUBJECT	SKILL ENHANCEMENT COURSE	ELIGIBILITY	CREDITS/HOURS
01	Physics	Harnessing Solar Energy	All	3/45
		Harnessing Hydro Energy	All	3/45
		Electrical Circuit Network Skill	10+2 with Math	3/45
02	Chemistry	Water Quality Analysis	All	3/45
		Basic Analytical Techniques	All	3/45
		Chemistry of Cosmetics and Perfumes	All	3/45
03	Botany	Mushroom Cultivation Technology	All	3/45
		Vermicomposting	All	3/45
04	Zoology	Dairy Farming	All	3/45
		Poultry Farming	All	3/45
		Pest of Fruit Trees of Ladakh and its Management	All	3/45
05	Biotechnology	Cultivation and Processing of Aromatic Plants	All	3/45
06	Biochemistry	Basic Laboratory Test	All	3/45
		Instrumentation and Biochemical Techniques	All	3/45
07	Mathematics	Mathematical Modelling	10+2 with Math	3/45
		Number Theory	10+2 with Math	3/45
		Graph Theory	10+2 with Math	3/45
08	Commerce	Business Incubation	All	3/45
		Personal Selling and Salesmanship	All	3/45
		GST Filling and E- Filling of Returns	All	3/45
		Computerized Accounting (Tally)	All	3/45
		Introduction to Financial Management	All	3/45
		Introduction to Advertising	All	3/45
		Introduction to Accounting	All	3/45
		Investing in Stock Markets	All	3/45
09	English	Creative Writing in English	All	3/45
		Soft Skills	All	3/45
10	Urdu	Learning Skills of Urdu Media Writing	10+2 with Urdu/ knowledge of Urdu	3/45
		Learning Skills of Translation in Urdu	10+2 with Urdu/ knowledge of Urdu	3/45
11	Hindi	Creative Writing in Hindi	10+2 with Hindi/ knowledge of Hindi	3/45
		Learning Skills of Translation Hindi	10+2 with Hindi/ knowledge of Hindi	3/45
12	Bhoti	Creative Writing in Bhoti	Knowledge of Bhoti	3/45
		Bhoti Grammar	All	3/45
		Spoken Ladakhi/Purgi/ Sheena	All	3/45
13	Economics	Basic Statistics	All	3/45
14	Political Science	Grassroot Governance	All	3/45

		Legal Literacy	All	3/45
15	History	Introduction to Cultural Heritage of Ladakh	All	3/45
		Preservation Techniques of Manuscripts	All	3/45
16	Sociology	Research Methodolgy in Social Science	All	3/45
17	Psychology	Stress Management	All	3/45
		Developing Emotional Competence	All	3/45
18	Geography	Flood risk management	All	3/45
		Geography of Tourism	All	3/45
19	Geology	Disaster Management	All	3/45
		GIS and Remote Sensing	All	3/45
20	IT/Computer App	Basic Computer and Internet	All	3/45
		Graphic Design	All	
		Web designing	All	
		ICT tools in Teaching and Learning Process	All	
		Desktop publishing	All	
		Multimedia tools and operations	All	
21	Physical Education & Sports	Adaptive Physical Education and Sports	All	3/45
		First Aid and Cardio-Pulmonary Resuscitation	All	3/45
22	Craft	Knitting and Crocheting	All	3/45
		Sewing and Embroidery	All	
23	Beauty and Wellness	Beauty Therapist	All	3/45
24	Persian	Spoken Persian	All	3/45
		Persian Calligraphy	All	3/45
25	Chinese	Spoken Chinese	All	3/45
26	Environmental Science	Solid Waste Management	All	3/45
		Environmental Auditing	All	3/45
27	TTM	Tour and Travel Operations	All	3/45
		Front Office Management	All	3/45
		Airline Management	All	3/45
28	Mass Communication	News Writing in Print Media	All	3/45
29	Education	Early Childhood care and education	All	3/45
		Educational Technology	All	3/45
30	Social Work	Understanding NGO	All	3/45
31	Anthropology	Forensic Dermatoglyphics	All	3/45
32	Arabic	Spoken Arabic	All	3/45
33		Arabic Typing Composing and Setting	Knowledge of Arabic	3/45

Annexure – 5: LIST OF SKILL COURSES FROM SKILL SECTOR COUNCIL*

1. Banking and Finance Sector
   a. GST and E Filling of returns Tally

2. Agriculture
   a. Soil and water testing
   b. Vermicompositing
   c. Backyard Poultry farming
   d. Medicinal and Aromatic Plants

3. IT Sector
   a. Web designing
   b. Graphic Designing

4. Handicraft sector
   a. Sewing
   b. Knitting
   c. Block printing
   d. Dyer
   e. Embroidery

5. Beauty and wellness sector
   a. Beauty therapist

6. Media sector
   a. Actor
   b. Layout designer
   c. Voice over artist
   d. Social media executive
   e. Script writer

7. Green jobs sector
   a. Solar lighting technician
   b. Solar domestic water heating technician

8. Food industry sector
   a. Jam, Jelly and ketchup technician
   b. Juice and Squash technician
   c. Craft baker

9. Tourism sector
   a. Tour guide
   b. Front office management
   c. Tour and travel planner
   d. Meeting, conference and event planner

implementation of the courses shall be conditional and based on MOUs with different sectors

Annexure – 6: List of Value addition courses

S.Nos	Value Added Courses	Department that will contribute
1	Health and Wellness	Physical Education
2	Human Values	Philosophy
3	Meditation	Philosophy
4	Yoga	Physical Education
5	Environmental Education	Environmental Science
6	Public Relations	Mass Communication
7	Public Health & Epidemiology	Anthropology
8	Personality Development	Education
9	Research Ethics	Philosophy
10	Hospitality Management	TTM
11	Eco-Tourism	TTM
12	Values in Education	Education
13	Corporate Social Responsibility	Sociology
14	Media & Society	Mass Communication

ANNEXURE – 7: FYUGP CURRICULUM FRAMEWORK FOR NON-LAB COURSES UNDER SINGLE MAJOR

LEVEL	SEMESTERS	DISCIPLINE SPECIFIC (CORE/MAJOR)			MINOR	INTER-DISCIPLINARY OR GENERIC ELECTIVE	AECC	SEC OR INTERNSHIP OR DISSERTATION & RESEARCH	VAC	TOTAL CREDITS
		FOUNDATION OR INTRODUCTORY	DSC	DSE						
5	1	4	-----	-----	4	3	2	3	2+2	20
	2	4	-----	-----	4	3	2	3	2+2	20
Student may exit after securing 40 credits and will be awarded UG Certificate in the relevant Discipline/Subject provided he/she secure additional 4 credits in work based vocational courses during summer/winter term internship/apprenticeship in addition to 6 credits earned from 1st and 2nd semester.										
6	3	-----	4+4	-----	4	3	2	3	-----	20
	4	-----	4+4	4+2	4	-----	2	-----	-----	20
Student may exit after securing 80 credits and will be awarded UG Diploma in the relevant Discipline/Subject provided he/she secure additional 4 credits in skill based vocational courses offered during 1st year or 2nd year summer/winter term.										
7	5	-----	4+4	4+2	4	-----	-----	2	-----	20
	6	-----	4+4	4+4	4	-----	-----	-----	-----	20
Student who want to undertake 3-year UG program will be awarded UG Degree in the relevant Discipline/Subject upon securing 120 credits *Student who wish to continue with 4th year of UG program should have secured minimum of 7.5 CGPA* *The college must have been approved by university for providing 4th year of UG program*										
8	7	-----	4+4	4	4	-----	-----	4 (RESEARCH METHODOLOGY)	-----	20
	8	-----	4**+4**	4+4**	4	-----	-----	12*	-----	20
Honours Degree with Research will be awarded to those who work on dissertation and others will be awarded Honours Degree										

*Honours students not taking research will do 3 courses** for 12 credits in lieu of a research project/dissertation.

ANNEXURE – 8: FYUGP CURRICULUM FRAMEWORK FOR LAB COURSES UNDER SINGLE MAJOR

LEVEL	SEMESTERS	DISCIPLINE SPECIFIC (CORE/MAJOR)			MINOR	INTER-DISCIPLINARY OR GENERIC ELECTIVE	AECC	SEC OR INTERNSHIP OR DISSERTATION & RESEARCH	VAC	TOTAL CREDITS
		FOUNDATION OR INTRODUCTORY	DSC	DSE						
5	1	4 (3+1)	-----	-----	4 OR 4 (3+1)	3	2	3	2+2	20
	2	4 (3+1)	-----	-----	4 OR 4 (3+1)	3	2	3	2+2	20
Student may exit after securing 40 credits and will be awarded UG Certificate in the relevant Discipline/Subject provided he/she secure additional 4 credits in work based vocational courses during summer/winter term internship/apprenticeship in addition to 6 credits earned from 1st and 2nd semester.									
6	3	-----	4 (3+1) 4 (3+1)	-----	4 OR 4 (3+1)	3	2	3	-----	20
	4	-----	4 (3+1) 4 (3+1)	4+2	4 OR 4 (3+1)	-----	2	-----	-----	20
Student may exit after securing 80 credits and will be awarded UG Diploma in the relevant Discipline/Subject provided he/she secure additional 4 credits in skill based vocational courses offered during 1st year or 2nd year summer/winter term.									
7	5	-----	4 (3+1) 4 (3+1)	4+2	4 OR 4 (3+1)	-----	-----	2	-----	20
	6	-----	4 (3+1) 4 (3+1)	4 (3+1) 4 (3+1)	4 OR 4 (3+1)	-----	-----	-----	-----	20
Student who want to undertake 3-year UG program will be awarded UG Degree in the relevant Discipline/Subject upon securing 120 credits *Student who wish to continue with 4th year of UG program should have secured minimum of 7.5 CGPA* *The college must have been approved by university for providing 4th year of UG program*									
8	7	-----	4 (3+1) 4 (3+1)	4 (3+1)	4 OR 4 (3+1)	-----	-----	4 (RESEARCH METHODOLOGY)	-----	20
	8	-----	4 (3+1)** 4 (3+1)**	4 (3+1) 4 (3+1)**	4 OR 4 (3+1)	-----	-----	12*	-----	20
Honours Degree with Research will be awarded to those who work on dissertation and others will be awarded Honours Degree									

*Honours students not taking research will do 3 courses** for 12 credits in lieu of a research project/dissertation.

<u>Annexure – 9: Guideline for Writing Synopsis/Dissertation</u>

Synopsis

A student is expected to have a good comprehension of the existing literature in her/his chosen field of research before writing a synopsis. Font Times New Roman Font 12 and 1.5 line spacing. The synopsis must follow the following structure:

Section 1: Background

The student must briefly posit the broad context of her/his research problem.

Section 2: Review of the Literature

The literature should be organised in a thematic structure and not as a listing of summaries of important references. Try to structure the literature review to highlight the issues relevant to your dissertation and identify the gaps therein.

Section 3: Definition, Rationale and Scope of the Study

Based on the above critical survey of the relevant literature, you should clearly define the research puzzle that is being addressed and explain the rationale and scope of the study in this section.

Section 4: Research Problem/Question and Hypothesis

Present a clear statement of your research problem in this section. Formulate your research questions bearing in mind a clear response to the "so-what?" question. This should be followed by a crisp and cogent statement of your research hypothesis posed in the form of a falsifiable proposition.

Section 5: Research Methods

This section should clearly describe how the student intends to answer her/his research question(s). We expect a rigorous exposition of the research methods to be employed. Statements like "the study is descriptive/ analytical" will not suffice. In this section, the student must also mention the sources of data and information required for the study.

Section 6: Tentative Chapters

The student must give a list of tentative chapter headings with a brief description (not exceeding 2-3 lines) of the content of each chapter. The first and the last chapters must be called Introduction and Conclusion respectively.

Bibliography: APA style

Citation

The purpose of citation is to indicate clearly the sources from which

 (1) You rely on factual information or data.
 (2) Quote verbatim.
 (3) Use others' ideas, interpretations, analyses or conclusions even if you summarize or paraphrase in your own language.
 (4) Organize or structure your argument using somebody else's distinctive structure, style or method.
(5) State in passing another person's work.
    When in doubt, cite – over-citation is better than under-citation. The key to effective citation is to give the reader enough information to locate the source in a clear and consistent manner.

In-text

 Among many recognized styles, we recommend the author-year style of in-text referencing, where you indicate in the text itself not only the name of the source author but also the year in which the source was published. The author's name may appear in the sentence itself or in parentheses; the year of publication always appears in parentheses.
The following example illustrates the style:

A key role of the state is said to be to regulate the conflicts between them in order to realise 'national interest' (Miliband 1977).

OR

Miliband (1977) argues that a key role of the state is to regulate the conflicts between them in order to realise 'national interest'.

In case you are quoting or citing from a specific page or page range, use one of the following formats (example):

Mattoo and Subramanian expressed India's position at Doha to be 'characteristically but perhaps not unjustifiably defensive', and recommended a proactive stance at future negotiations (Mattoo and Subramanian 2003: 328).

Once again, in a reverse manner, ethnic conflicts broke out in Bhutan in 1990 as a result of exclusivist Drukpa ethno-nationalism, bent on turning Bhutan into a mono-ethnic polity (Baral 1996; Phadnis 1990: 39-40, 79-80, 125-129).

If, however, you have more than one author in your reference list with the same surname, then it is advisable to use the full name and year in parentheses whenever you are refereeing to these authors, e.g. Debraj Ray (1998), Rajat Ray (1990).

If a source has more than two authors, use the first surname with et al. ("and others") in your citation.

ANNEXURE – 10: INTER-DISCIPLINARY COURSES IN THE FIRST THREE SEMESTERS

BROAD SUBJECT	1st SEMESTER		2ND SEMESTER		3RD SEMESTER	
	Name of the Course	Code	Name of the Course	Code	Name of the Course	Code
LIFE SCIENCE	Cell Biology	LFS-BO-101-G	Ecology & Environment	LFS-BO-201-G	Bio fertilizer	LFS-BO-301-G
	Wildlife Conservation (Opt)	LFS-ZO-101-G	Life Style Diseases & Management	LFS-ZO-201-G	Public Health & Hygiene	LFS-ZO-301-G
	Understanding Microbial Life	LFS-BT-101-G	Bioanalytical Tools	LFS-BT-201-G	-------------	-------------
	Nutritional Biochemistry & Health	LFS-BC-101-G	Biochemistry of Cell	LFS-BC-201-G	-------------	-------------
PHYSICAL & CHEMICAL SCIENCE	Elementary Physics	PCS-PH-101-G	Non-Conventional Sources of Energy	PCS-PH-201-G	Electrical Circuit & Network Analysis	PCS-PH-301-G
	Chemistry in Everyday life	PCS-CH-101-G	Matter and surrounding	PCS-CH-201-G	Industrial Chemicals & Environment	PCS-CH-301-G
MATHEMATICAL SCIENCE	A first course on Probability	MTS-MA-102-G	Discrete Mathematics	MTS-MA-202-G	Skill in Python	MTS-MA-301-G
	-------------	-------------	-------------	-------------	Graph Theory	MTS-MA-302-G
EARTH & ENVIRONMENTAL SCIENCE	Geohazards & Management	EES-GL-101-G	Earth Surface Processes	EES-GL-201-G	Climate Change Vulnerability & Adaptation	EES-GG-301-G
	Earth System Dynamics	EES-GG-101-G	Disaster Risk Reduction	EES-GG-201-G	Soil Science	EES-ES-301-G
	Environment Health & Waste Management	EES-ES-101-G	Bio-resource Management	EES-ES-201-G	-------------	-------------
LANGUAGE AND LITERATURE	Ladakhi Literature in English	LLT-EN-101-G	Society and Literature	LLT-EN-201-G	-------------	-------------
	Ghazal an Introduction	LLT-UR-101-G	Ghazals, Afsana and Basic Urdu Grammar	LLT-UR-201-G	-------------	-------------
	Hindi Bhasha Evam Vyakran	LLT-HI-101-G	Bhasha Dakshta evam Sampreshan Kaushal	LLT-HI-201-G	-------------	-------------
	Basic Arabic	LLT-AR-101-G	Functional Arabic	LLT-AR-201-G	-------------	-------------
	Introduction to Arabic	LLT-AR-101-G	-------------	-------------	-------------	-------------
	Introduction to Persian	LLT-PR-101-G	-------------	-------------	-------------	-------------
ARTS	Introduction to Philosophy	ART-PL-101-G	Introduction to Ethics	ART-PL-201-G	-------------	-------------

HUMANITIES & SOCIAL SCIENCES	History of India & Ladakh: An Introduction	HSS-HS-101-G	-------------	HSS-HS-201-G	-------------	------------
	Society in India	HSS-SO-101-G	Social Problem & Issues	HSS-SO-201-G	Gender Studies	HSS-SO-301-G
	Introduction to Political Science	HSS-PS-101-G	Indian Polity - I	HSS-PS-201-G	Indian Polity - II	HSS-PS-301-G
	Introduction to Micro-Economics	HSS-EC-101-G	Introduction to Macro-Economics	HSS-EC-201-G	Introduction to Indian Economy	HSS-EC-301-G
ANTHROPOLOGICAL SCIENCE	Introduction to Anthropology	ANS-AN-101-G	Introduction to Hominid Evolution	HSS-AN-201-G	Introduction to Applied Anthropology	ANS-AN-301-G
SOCIAL WORK STUDIES	History & Basics of Social Work	SWS-SW-101-G	Life Skill Education	SWS-SW-201-G	-------------	------------
MEDIA & COMMUNICATION	Media and Society	MCM-MC-101-G	Media and Democracy	MCM-MC-201-G	Introduction to Media Studies	MCM-MC-301-G
COMMERCE & MANAGEMENT STUDIES	Accounting for Everyone	CMG-CM-101-G	General Management	CMG-CM-201-G	Finance for Everyone	CMG-CM-301-G
	-------------	-------------	-------------	-------------	Management Studies	CMG-CM-302-G
EDUCATION & BEHAVIORAL SCIENCE	Inclusive Education	EBS-ED-101-G	Environmental Education	EBS-ED-201-G	-------------	------------
	Psychology & Mental Health	EBS-PY-101-G	Guidance & Counselling	EBS-EP-201-G	-------------	------------
	-------------	-------------	-------------	-------------	Physical Education	EBS-PE-301-G
TOURISM MANAGEMENT STUDIES	Tourism Products of India	TMS-TM-101-G	Basic of Hospitality Industry	TMS-TM-201-G	Adventure Tourism Practices	TMS-TM-301-G
COMPUTER SCIENCE	Office Automation & Desktop Publishing	CIT-CS-101-G	Digital Marketing	CIT-CS-201-G	Introduction to Internet, www & Web Browser	CIT-CS-301-G

NOTE: *STUDENT WILL HAVE TO CHOOSE ONE PAPER IN EACH OF THE SEMESTERS ENSURING THAT THE CHOSEN PAPER IS FROM DIFFERENT BROAD SUBJECT CATEGORY IN EACH OF SEMESTERS TO THE BEST POSSIBLE DEPENDING ON HUMAN RESOURCE AND INFRA-STRUCTURE FACILITIES OF THE COLLEGE.*