Curriculum and Credit Framework for Undergraduate Programmes of the University.

INTRODUCTION

The National Education Policy (NEP) 2020 highlights the importance of higher education in improving individual and societal well-being, and in shaping India into a just, democratic, and humane nation. It emphasizes that modern higher education should develop thoughtful, well-rounded, and creative individuals. NEP 2020 supports combining humanities and arts with STEM subjects, as this approach leads to better creativity, critical thinking, problem-solving, teamwork, communication skills, and overall learning and engagement.

The policy proposes flexible undergraduate degrees lasting 3 or 4 years, with multiple exit options:

1 year: UG certificate

2 years: UG diploma

3 years: Bachelor's degree

4 years: preferred multidisciplinary Bachelor's degree with majors and minors

To implement this, the UGC has introduced a new student-focused "Curriculum and Credit Framework for Undergraduate Programmes (CCFUP)," which allows students to choose subjects based on their interests through a flexible, multidisciplinary credit system.

NEP PRINCIPLES THAT HAVE A BEARING ON THE CURRICULAR THRUSTS AT DIFFERENT STAGES OF HIGHER EDUCATION

The NEP outlines key principles to guide the entire education system and individual institutions. These principles shape how college-level curricula should be designed:

1. Support each student's unique talents for their all-round development.
2. Offer flexible learning paths so students can choose subjects and careers based on their interests.
3. Promote a broad, multidisciplinary education that includes science, arts, humanities, and sports.
4. Focus on deep understanding, critical thinking, creativity, ethics, and essential life skills like communication and teamwork.
5. Use technology to improve teaching, remove language barriers, support students with disabilities, and improve educational planning.

6. Respect diversity and adapt learning to local contexts.
7. Ensure equity and inclusion so every student has access to quality education.
8. Encourage pride in India's rich and diverse culture, languages, and heritage.

TRANSFORMATIVE INITIATIVES THAT HAVE A BEARING ON THE UNDERGRADUATE EDUCATION

The NEP proposes major changes to improve higher education in India. Key ideas include:

- Offering **holistic and multidisciplinary undergraduate education** to develop students' intellectual, emotional, social, ethical, and professional skills, along with deep knowledge in chosen subjects.
- Creating **flexible course structures** so students can mix subjects from different areas and design their own learning paths.
- Providing **multiple degree options**:
    - 1 year: Certificate
    - 2 years: Diploma
    - 3 years: Bachelor's degree
    - 4 years: Bachelor's degree (Honours or Honours with Research)
- The 4-year degree is preferred, as it gives a complete and flexible education with options for majors and minors.
- Including **courses and projects** on community service, environmental awareness, and value-based education to build responsible and ethical citizens.
- Teaching **environmental topics** like climate change, pollution, biodiversity, conservation, and sustainable living.
- Promoting **universal values** such as truth, peace, love, scientific thinking, and citizenship.
- Making **community service** and active social participation part of the curriculum.
- Encouraging **Global Citizenship Education** to help students understand global issues and promote peace, inclusion, and sustainability.
- Offering **internships** with local industries, artists, researchers, and more to give students real-world experience and improve job readiness.
- Expanding teaching across a wide range of subjects, including sciences, arts, sports, and vocational courses, to create a well-rounded learning environment.

- Preparing students for **emerging fields** like AI, data science, machine learning, biotechnology, neuroscience, and other technologies that support health, sustainability, and the environment.

CURRICULUM FRAMEWORK ADAPTED BY THE UNIVERSITY

The University has made the following provisions for adapting the curriculum as per NEP 2020:

i. Flexibility to move from one discipline of study to another;

ii. Opportunity for learners to choose the courses of their interest in all disciplines; iii. Facilitating multiple entry and exit options with UG certificate/ UG diploma/ or degree depending upon the number of credits secured;

iii. Flexibility for learners to move from one institution to another to enable them to have multi and/or interdisciplinary learning;

iv. Flexibility to switch to alternative modes of learning (offline, ODL, and Online learning, and hybrid modes of learning).

Regulations for Academic Bank of Credit (ABC) and guidelines for Multiple Entry and Exit are already in place to facilitate the implementation of the proposed "Curriculum and Credit Framework for Undergraduate Programmes".

SEMESTER AND CREDITS

A semester comprises 90 working days and an academic year is divided into two semesters.

Mandatory internship for 60-90 Hours is offered during the VI Semester. Apprenticeship and work based vocational educational training is carried out which can be extended up to one full semester. Remedial and Bridge Classes are organised to fill in the domain specific gap. Students should secure the prescribed number of credits (about 50% of total credits) through core courses in the major discipline.

MINIMUM CREDIT REQUIREMENT TO AWARD DEGREE UNDER EACH CATEGORY

Sl. No.	Broad Category of Courses	Minimum Credit Requirement	
		3-Year UG	4-Year UG
1.	Major (Core)	60	80
2.	Minor Stream	24	32
3.	Multidisciplinary	09	09
4.	Ability Enhancement Courses (AEC)	08	08
5.	Skill Enhancement Courses (SEC)	09	09
6.	Value Added Courses common for all UG	06-08	06-08
7.	Summer Internship	02-04	02-04
8.	Research Project/Dissertation	-	12
9.	Total	120	160

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

MULTIPLE ENTRY AND EXIT OPTIONS UNDER NEP 2020

Duration of Study	Exit Option	Certification Awarded	Minimum Credits Required
1 year	Exit after 2 semesters	Undergraduate Certificate	40 credits
2 years	Exit after 4 semesters	Undergraduate Diploma	80 credits
3 years	Exit after 6 semesters	Bachelor's Degree	120 credits
4 years	Completion of 8 semesters	Bachelor's Degree (Honours)	160 credits
4 years with research	Completion of 8 semesters with a research project	Bachelor's Degree (Honours with Research)	160 credits (including 12 credits from research)

- Academic Bank of Credits (ABC): All credits earned are stored digitally and can be transferred across institutions and re-used if a student re-enters the program.
- Re-entry: Students can resume their education from where they left off within a maximum of 7 years.

- The Honours with Research degree prepares students for postgraduate education or research careers.

AWARDING UG CERTIFICATE, UG DIPLOMA, AND DEGREES

- **UG Certificate**: Students who opt to exit after completion of the first year and have secured 40 credits will be awarded a UG certificate if, in addition, they complete one vocational course of 4 credits during the summer vacation of the first year. These students are allowed to re-enter the degree programme within three years and complete the degree programme within the stipulated maximum period of seven years.
- **UG Diploma**: Students who opt to exit after completion of the second year and have secured 80 credits will be awarded the UG diploma if, in addition, they complete one vocational course of 4 credits during the summer vacation of the second year. These students are allowed to re-enter within a period of three years and complete the degree programme within the maximum period of seven years.
- **3-year UG Degree**: Students who wish to undergo a 3-year UG programme will be awarded UG Degree in the Major discipline after successful completion of three years, securing 120 credits and satisfying the minimum credit requirement as given in table 2 (Section 5).
- **4-year UG Degree (Honours)**: A four-year UG Honours degree in the major discipline will be awarded to those who complete a four-year degree programme with 160 credits and have satisfied the credit requirements as given in table 2 in Section 5.
- **4-year UG Degree (Honours with Research):** Students who secure 75% marks and above in the first six semesters and wish to undertake research at the undergraduate level can choose a research stream in the fourth year. They should do a research project or dissertation under the guidance of a faculty member of the University/College. The research project/dissertation will be in the major discipline. The students who secure 160 credits, including 12 credits from a research project/dissertation, are awarded UG Degree (Honours with Research).

INFRASTRUCTURE REQUIREMENT

The Departments offering a 4-year UG Degree (Honours with Research) possesses the required infrastructure such as the library, access to journals, computer lab and software, laboratory facilities to carry out experimental research work, and at least two permanent faculty members who are recognized as Ph.D. supervisors. The Departments already

recognized for conducting the Ph.D. programme may conduct a 4-year UG Degree (Honours with Research) without obtaining any approval from the affiliating University as per NEP 2020 norms.

TYPES OF UNDERGRADUATE (UG) DEGREE PROGRAMMES UNDER NEP 2020

1. Single Major

- Students must earn **at least 50% of total credits** from one major subject.
- Example:
    - **3-year degree (120 credits):** Need **60 credits** in Physics → B.Sc. in Physics
    - **4-year degree (160 credits):** Need **80 credits** in Physics → B.Sc. (Hons.) or B.Sc. (Hons. with Research) in Physics

2. Double Major

- Students must earn **at least 40% of total credits** from the second major.
- Example:
    - **3-year degree (120 credits):** Need **48 credits** in second subject → B.Sc. with double major
    - **4-year degree (160 credits):** Need **64 credits** in second subject → B.Sc. (Hons.) or B.Sc. (Hons. with Research) with double major

3. Interdisciplinary Programmes

- Core credits are split between related subjects to build expertise in a combined area.
- Example: **Econometrics** includes Economics, Statistics, and Mathematics.
    - Degree awarded:
        - **3-year:** B.Sc. in Econometrics
        - **4-year:** B.Sc. (Hons.) or B.Sc. (Hons. with Research) in Econometrics

4. Multidisciplinary Programmes

- Core credits are spread across various broad fields like sciences, social sciences, and humanities.
- Example: **Life Sciences** includes Botany, Zoology, and Human Biology.
    - Degree awarded:
        - **3-year:** B.Sc. in Life Sciences
        - **4-year:** B.Sc. (Hons.) or B.Sc. (Hons. with Research) in Life Sciences

The statutory bodies of the Universities and Colleges such as the Board of Studies and Academic Council will decide on the list of courses under major category and credit distribution for double major, interdisciplinary and multidisciplinary programmes.

CREDIT AND CREDIT BREAKDOWN

Credit is a unit that measures a student's workload. It is based on the number of instruction hours per week over a semester (minimum 15 weeks).

Credit Hour Breakdown by Course Type

Course Type	Engagement Per Week	Total Hours per Semester (15 weeks)
Lecture	1 hour = 1 credit	1 credit = 15 hours; 3 credits = 45 hours
Tutorial	1 hour = 1 credit	1 credit = 15 hours
Practicum/Lab/Fieldwork	2 hours = 1 credit	1 credit = 30 hours
Seminar/Internship/Studio	2 hours = 1 credit	1 credit = 30 hours
Community Engagement	2 hours = 1 credit	1 credit = 30 hours

Example of a 4-Credit Course

1. **3 credits lecture + 1 credit practicum** =
    - 3 hours lecture/week (45 hrs)
    - 2 hours practicum/week (30 hrs)
2. **3 credits lecture + 1 credit tutorial** =
    - 3 hours lecture/week (45 hrs)
    - 1 hour tutorial/week (15 hrs)

Types of Courses and Activities

1. **Lecture** – Regular teaching by experts.
2. **Tutorial** – Problem-solving and discussions guided by a tutor.
3. **Practicum/Lab Work** – Hands-on activities applying theory.
4. **Seminar** – Group discussions or debates on topics or readings.
5. **Internship** – On-the-job experience in real work settings (industry, NGOs, etc.).
6. **Studio Activities** – Artistic or creative hands-on work (e.g., design, art).
7. **Field Projects** – Learning or research conducted in the field.
8. **Community Engagement** – Activities addressing real social issues through service learning.

SUGGESTED CREDIT ALLOCATION BY COURSE TYPE

Course Type	Suggested Credits
Major/Minor Courses	4 credits (plus 1–2 for tutorials or practicals)
Multidisciplinary, Language, Skill Courses	3 credits
Value-Added Activities (e.g., internship, community service)	2 credits
Final Year Research Project/Dissertation	12 credits

ELIGIBILITY FOR THE UG PROGRAMMES

Senior Secondary School Leaving Certificate or Higher Secondary (12th Grade) Certificate obtained after successful completion of Grade 12 or equivalent stage of education corresponding to Level-4.

Students may be permitted to take a break from the study during the period of study but the total duration for completing the programme shall not exceed 7 years.

COURSE LEVEL CODING SYSTEM

Courses are assigned codes to indicate their level and purpose:

Code Range	Course Level	Purpose
0–99	Non-credit bridge/preparatory courses	For basic preparation before introductory courses (pass/fail only).
100–199	Foundation/Introductory courses	Basic understanding of subjects; helps students choose a major; covers broad concepts across disciplines.
200–299	Intermediate courses	Subject-specific; used for major/minor credit; may be prerequisites for higher-level courses.
300–399	Advanced undergraduate courses	Core courses required for major specialization.
400–499	Final-year undergraduate / research-level courses	Includes advanced lectures, seminars, lab work, internships, research projects, etc.
500–599	First-year Master's courses	For students in a 2-year Master's

		programme.
600–699	Second-year Master's / 1-year Master's	Final stage of Master's study.
700+	Doctoral-level courses	For Ph.D. students only.

SEMESTER WISE BREAKDOWN

Semesters 1 & 2

- Students study 4 broad disciplines (major, minor, and 2 multidisciplinary areas)
- Subjects include sciences, social sciences, commerce, media, and more
- Also includes courses in **languages, skills, and values**
- Students can **change major** within the broad stream by the end of 2nd semester
- **10% extra seats** may be added to allow major changes, based on **CGPA and performance**

Semesters 3 & 4

- Students **select major and minor** subjects of interest
- Continue language and skill-building courses
- Begin **vocational training** for career readiness

Semesters 5 & 6

- Focus shifts to **higher-level courses** in major and minor fields
- Emphasis on **in-depth knowledge** and **industry-relevant skills**
- Continue **vocational and work-oriented training**

Semesters 7 & 8 (4th Year)

- Students take **advanced courses** in major and minor fields
- Option to pursue **research methodology, projects, and dissertations**
- Research can be done within the institution or elsewhere (if facilities permit)
- Leads to a **UG Honours Degree** (with or without research)

COMPUTATION OF SGPA AND CGPA

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

The SGPA is the ratio of the sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.

SGPA (Si) = $\sum$(Ci x Gi) / $\sum$Ci

Where Ci is the number of credits of the ith course and Gi is the grade point scored by the student in the ith course.

The Cumulative Grade Point Average (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 = $\sum$(Ci x Si) / $\sum$ Ci

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

GRADING

% Marks in a paper /practical	**Grade Point (GP)**	**Semester GPA/Program CGPA**	**Alpha Sign/Letter Grade**	**Semester/Program % of marks**	**Result/Class Description**
98-100	10	9.00-10.00	O (outstanding)	90.0-100	Outstanding
93-97	9.5				
88-92	9.0				
83-87	8.5	8.00-<9.00	A+ (Excellent)	80.0-<90.0	First Class Exemplary
78-82	8.0				
73-77	7.5	7.00-<8.00	A (very Good)	70.0-<80.0	First Class Distinction
68-72	7.0				
63-67	6.5	6.00-<7.00	B+ (Good)	60.0-<70.0	First Class
58-62	6.0				
53-57	5.5	5.50-<6.00	B (Above Average	55.0-<60.0	High Second Class
48-52	5.0	5.00-<5.50	C (Average)	50.0-<55.0	Second Class
43-47	4.5	4.00-<5.00	P (Pass)	40.0-<50.0	Pass Class
40-42	4.0				
Below 40	0	Below 4.00	F (Fail)	Below 40	Fail/ Reappear
AB (Absent)	0	--	--	Absent	--

The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

Transcript (Format): Based on the above recommendations on Letter grades, grade points and SGPA and CCPA, the HEIs may issue the transcript for each semester and a consolidated transcript indicating the performance in all semesters.

Note: Students who have already enrolled and are pursuing UG programme as per Choice Based Credit System (CBCS) are eligible to pursue 4-year undergraduate programme and the university concerned may provide bridge courses (including online courses) to enable them for transition to CCFUGP.

APPROVAL CLAUSE

These regulations have been reviewed and recommended by the Academic Council in its meeting dated ……..., and subsequently approved by the Executive Council in its meeting dated …….. The regulations shall come into force from the academic year 2025-26.

APPENDIX I

CERTIFICATE PROGRAMMES OFFERED

Name of School	**Total**	**Online**	**Face-to-Face**
School of Business and Management	9	9	0
School of Information Science	12	6	5
School of Languages and Cultural studies	9	7	2
School of Vocational Studies	17	1	16
School of Commerce, Finance and Accountancy	24	24	0
School of Arts and Humanities	11	8	3
School of Physical Sciences	16	13	3
School of Life Sciences	18	8	10
Total Certificate courses	**116**	**76**	**40**

APPENDIX II

DIPLOMA COURSES OFFERED

School of Information Science
AI In Day-to-Day Life
Advanced Excel and Power BI for Business Automation
Graphic Design & Animation
School of Languages and Cultural studies
Diploma In Theatre Skills
Dance
Communicative English and Phonetics
PGD in Konkani
School of Vocational Studies
Airport Management
Inflight Management
School of Commerce, Finance and Accountancy
Business Analytics
Diploma Course in Investment Management
Professional Accountant
School of Arts and Humanities
Diploma in Psychological Well-being
Zumba - Transform your body, Transform your Life
Human resource Management
Holistic Health and Fitness
Yoga
PGD in Yoga
School of Life Sciences
Green Farming: Sustainable Practices and Waste Management
TOTAL DIPLOMA COURSES OFFERED – 19

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