



NATIONAL EDUCATION POLICY (NEP)-2020

National Education Policy 2020 envisions a complete overhaul and re-energising of the Higher Education system to overcome these challenges and thereby deliver high-quality higher education, with equity and inclusion.

- The policy lays particular emphasis on the development of the creative potential of each individual. It is based on the principle that education must develop not only cognitive capacities - both the 'foundational capacities' of literacy and numeracy and 'higher-order' cognitive capacities, such as critical thinking and problem solving – but also social, ethical, and emotional capacities and dispositions.
- Higher education plays an extremely important role in promoting human as well as societal wellbeing and in developing India as envisioned in its Constitution - a democratic, just, socially conscious, cultured, and humane nation upholding liberty, equality, fraternity, and justice for all. Higher education significantly contributes towards sustainable livelihoods and economic development of the nation. As India moves towards becoming a knowledge economy and society, more and more young Indians are likely to aspire for higher education.
- To contribute to the realization of these aspirations, PGGCG-11 is committed to the philosophy of NEP 2020 and aims at fulfilling the mandate by imparting quality higher education to enable personal accomplishment and enlightenment, constructive public engagement, and productive contribution to the society. The institution will prepare students for more meaningful and satisfying lives and work roles and enable economic independence.
- The college has well-equipped infrastructure, qualified faculty, state of the art scientific set-up, and sumptuous academic repository complemented by sports facilities, green environs and numerous opportunities for beyond the classroom and holistic development of the students. The implementation of NEP 2020 will polish the learners as assets for the nation.

NEP Cell of the College

Sh. Ajay Kumar Sharma

Dr. Sadhana Verma

Dr. Anurita Sharma

Ms. Meena Kumari

Dr Amita Sharma

Dr. Sukhwant Sidhu

Dr. Naveen Pandhi

Co-ordinator

Member

Member

Member

Member

Member

Member

NATIONAL EDUCATION POLICY (NEP)-2020

Bachelor of Science (B.Sc)-II

The following shall be applicable to the applicants seeking admission in B.Sc. 3rd Semester for the session 2026-27 as per the guidelines of NEP 2020:

The undergraduate degree will have a flexible duration of either three or four years, with multiple exit options during this period. The table below outlines the various certifications a student can earn at different stages of their undergraduate study:

Certification and Duration of Study with Multiple Entry Multiple Exit (MEME)

Duration of Study Completed	Semesters	Certification Earned
4 Years	Eight Semesters	Bachelor's Degree (Honours)
		Bachelor's Degree (Honours with Research)
3 Years	Six Semesters	Bachelor's Degree
2 Years	Four Semesters	Undergraduate Diploma
1 Year	Two Semesters	Undergraduate Certificate

B.Sc (General) degree programme will be of six semesters (three years).

- In the 1st semester, the student will be offered three subjects A, B and C. In addition, the student will offer one MDC, one SEC, and one VAC. English (compulsory) will be studied under AEC.
- MDC should be such a subject which is
 - (i) not one of the subjects offered by the student that is A, B or C, and
 - (ii) not offered by the student at +2 level.
- In the third semester, the student will select one subjects as Major and two as Minors.

B.Sc Honours programme will be of eight semesters (four years).

- A student who secures 75% or more marks in aggregate till semester 6 (up to 3 year degree) shall be eligible for 4 YEAR DEGREE B.Sc HONOURS with research, on the condition that the institution is a PU approved Research Centre

MDC-MULTI-DISCIPLINARY/IDC-INTER-DISCIPLINARY COURSE (3credits)

*Students are not allowed to choose or repeat courses (subjects) already undergone/studied at the higher secondary level (12th class). That is, MDC should be such a subject which is

- (i) not one of the subjects offered by the student, say A, B or C, and
- (ii) not studied by the student at +2 level.

AEC- ABILITY ENHANCEMENT COURSE-ENGLISH COMPULSORY (2 credits)

VAC- VALUE ADDED COURSE (2 credits)

SEC- SKILL ENHANCEMENT COURSE (3 credits)



Bachelor of Science (B.Sc-II)-Template

The college will offer **Discipline Specific (Template-I)** and **Multi-Disciplinary Course (Template II)** for the students **From the 3rd Semester onwards**, the student will have to choose either of the two templates: Template I or Template II (Refer to the college website)

Semester	Subject-A (4 Cr)	Subject-B (4 Cr)	Subject-C (4 Cr)	MDC /IDC (3 Cr)	AEC (2 Cr)	VAC (2 Cr)	SEC (3 Cr)	Internship/ Community Work (2 Cr)	Total
III	MAJ A-3	MAJ B-3	MIN C-3 MIN C-4		Eng/	--	SEC- 3		24
IV	MAJ A-4 MAJ A-5	MAJ B-4 MAJ B-5	MIN C-5		Eng/				24

Important Note: -

For the Third Semester student as per Template-II, the students will opt for two major subjects and one minor subject out of the three subjects offered in the first two semesters. The degree awarded will be 'Multi-Disciplinary'.

NOTES:-

1. In the first semester student will be offered three different subjects A, B & C.
2. At the end of second semester, in the multidisciplinary stream, the student will continue with the three subjects, choosing two as major and one as minor subject.
3. Once Major and Minor papers are chosen in 3rd semester, the same will continue as Major and Minor subject in the subsequent semesters.
4. The student opting for Single Major must secure 50% credits of the total credits in the Major subject and obtain 24 credits from the Minor subject(s). To qualify for Minor in a particular subject, the student must attain at least 12 credits in that subject(s).
5. A student who secures 75% or more marks in aggregate till semester 6 (up to 3 year degree) shall be eligible for 4 YEAR DEGREE B.SC HONOURS with research, on the condition that the Institution is a PU approved Research Centre
6. The candidate opting for B.Sc Honours with Research is required to secure 12 credits from research instead of three Major Core Papers.



Bachelor of Science-II

Multi-Disciplinary Courses (Credits:3)

MDC-MULTI-DISCIPLINARY/IDC-INTER-DISCIPLINARY COURSE (3credits)

*Students are not allowed to choose or repeat courses (subjects) already undergone/studied at the higher secondary level (12th class). That is, MDC should be such a subject which is

- (i) not one of the subjects offered by the student, say A, B or C, and
- (ii) not studied by the student at +2 level.

MDC will be offered in the following subjects for B.Sc 3rd Semester:

1. Nature of Resource Management (Botany)
2. Basic Mathematics-III (Mathematics)
3. First Aid and Emergency Management (Zoology)
4. Society in India (Sociology)

Skill Enhancement Courses (Credits:3)

1. Physics Instrumentation Skills-I (Physics)
2. Vermiculture and Vermicompost (Zoology)
3. Basic Lab and Field Skills in Botany (Botany)
4. Computer Fundamentals and Personal Computing Software (Computer Applications/ Computer Science)
5. Hands on Chemistry Lab Skills-I (Chemistry)

Value Added Courses (Credits:2)

Value added courses will be offered in the 4th semester

Note: The students should refer to the college website for any update as per the directions from Panjab University, Chandigarh.