



# 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 Computer Applications (BCA)-II



The following shall be applicable to the applicants seeking admission in BCA 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

BCA 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

- not one of the subjects offered by the student, say A, B or C, and
- 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 Computer Applications (BCA-II)- Template

Se- mes- ter	SUB A (4 Cr)	SUB B (4 Cr)	SUB C (4 Cr)	SUB D (4 Cr)	SUB E (4 Cr)	MDC (3 Cr)	AEC (2 Cr)	VAC (2 Cr)	SEC (3 Cr)	Total
III	BCA 301 A-3	BCA 302 A-4	BCA 303 B-3	BCA 304 B-4	--	BCA- 305 MDSC- 3	BCA- 306 AEC-3	--	BCA- 307 SEC-3	24
IV	BCA- 401 A-5	BCA- 402 A-6	BCA- 403 A-7	BCA-404 A-8	BCA-405 B-5	--	BCA- 406 AEC-4	BCA- 407 VAC-3	--	24

**The student exiting the programme after one year, securing 48 credits, will be awarded UG Certificate provided he/she secures 4 credits from summer internship/community work.**

## NOTES:

1. A student may exit after first year and will be given UG certificate subject to Completion of one 4-credit onsite vocational / internship / apprenticeship (in addition to 6 credits from Skill based course) during summer vacation of first Year.
2. At the end of second semester, in the multidisciplinary stream (Table -2), the student will continue with the Four subjects out of these four subjects two subjects are practical and two are theoretical subjects. Each subject consists of four credits.
3. Overall, the semester will be of 24 credits.
4. 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 BCA – HONOURS with research, on the condition that the institution is a PU approved Research Centre.
5. A four-year UG Honors degree in the major discipline will be awarded to those who complete a four-year degree programme with a minimum of 192 credits.

## Multi-Disciplinary Courses (Credits:3)

MDC will be offered in the following subjects for BCA 3rd Semester:

1. Web Development/Designing
2. Introduction to Information Technology

# Bachelor of Computer Applications (BCA-II)- Template



## Skill Enhancement Courses (Credits:3)

3rd Semester: Back End Web Development

## Value Added Courses (Credits:2)

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

Value added courses will be offered in the 4th semester

1. Introduction to Blockchain Technology
2. Introduction to Computer Hardware
3. Digital Empowerment
4. Ethics of Artificial Intelligence

