



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)-III

Template 1



The following shall be applicable to the applicants seeking admission in BCA5th Semester for the session 2026-27 as per the guidelines of NEP 2020:

SEMESTER-V

Sem	Level of Course	Course Code	Course Title	Credits			Total Credits
				Th	Pr	Total	
V	L-300	BCA-DSC-5 (Maj)-501	Internet of Things	4	--	4	24
		BCA-DSC-5 (Maj)-502	Data Warehouse and Data Mining	4	--	4	
		BCA-DSC-5 (Maj)-503	Java Programming	2	--	4	
		BCA-DSC-5 (Maj)-503 P	Practical based on BCA-DSC-5(Maj)-503	--	2		
		BCA-DSC-5 (Maj)-504	Linux Operating System	2	--	4	
		BCA-DSC-5 (Maj)-504 P	Practical based on BCA-DSC-5(Maj)-504	--	2		
		BCA-DSC-5 (Maj)-505	C# with .NET framework	2	--	4	
		BCA-DSC-4 (Maj)-505 P	Practical based on BCA-DSC-5(Maj)-505	--	2		
		Internship Work/ Community Work	Internship/ Project Work	--	4	4	

SEMESTER-VI

Sem	Level of Course	Course Code	Course Title	Credits			Total Credits
				Th	Pr	Total	
VI	L-300	BCA-DSC-6 (Maj)-601	Computer Networks	4	--	4	24
		BCA-DSC-6 (Maj)-602	Big data Analytics	4	--	4	
		BCA-DSC-6 (Maj)-603	Computer Graphics and Multimedia	2	--	4	
		BCA-DSC-6 (Maj)-603 P	Practical based on BCA-DSC-6 (Maj)-603	--	2		
		BCA-DSC-6 (Maj)-604	Web Development using PHP	2	--	4	
		BCA-DSC-6 (Maj)-604 P	Practical based on BCA-DSC-6 (Maj)-604	--	2		
		BCA-DSC-6 (Maj)-605	Cloud Computing	4	--	4	
		BCA-DSC-6 (Min)-606	Discrete Mathematical Structure	4	--	4	