BCA programme has been designed to prepare graduates for attaining the following specific outcomes:

1. An ability to apply knowledge of mathematics, computer science and management in practice.
2. An ability to enhance not only comprehensive understanding of the theory but its application too in diverse field.
3. The program prepares the young professional for a range of computer applications, computer organization, and techniques of Computer Networking, Software Engineering, Web development, Database Management and Java.
4. An ability to design a computing system to meet desired needs within realistic constraints such as safety, security and applicability in multidisciplinary teams with positive attitude.
5. In order to enhance programming skills of the young IT professionals, the program has introduced the concept of project development in each language/technology learnt during semester.
6. Understand, analyze and develop computer programs in the areas related to algorithm, web design and networking for efficient design of computer based system.
7. Work in the IT sector as system engineer, software tester, junior programmer, web developer, system administrator, software developer etc.
8. Apply standard software engineering practices and strategies in software project development using open source programming environment to deliver a quality of product for business success.
9. Identify, formulate, review research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics and science in the form of mini projects.
10. Create, select, and apply appropriate techniques, resources, and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
11. Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
12. Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
13. Demonstrate knowledge and understanding of the management principles and apply these to one’s own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

Subject	PO 1	PO 2	PO 3	PO 4	PO 5	PO 5	P0 6	P0 7	P0 8	P0 9	P1 0	P1 1	P1 2	P1 3
Semester I														
DSC-1A Computer Fundamentals	X		X		X	X	X		X		X		X	X
DSC-2A Problem Solving using C	X	X		X		X		X	X	X		X		
DSC-3A Digital Electronics	X	X		X		X			X		X	X		
DSC-1A Computer Fundamentals Lab	X	X		X	X	X	X	X	X	X	X		X	X
DSC-2A Problem Solving using C Lab	X		X	X	X	X	X		X		X	X	X	X
DSC-3A Digital Electronics Lab	X	X	X		X		X		X		X		X	X
Semester II														
DSC-1B Discrete Mathematics	X		X		X	X	X		X		X		X	X
DSC-1B Discrete Mathematics	X	X		X		X		X	X	X		X		

DSC-2B Object Oriented Programming in C++	X	X	X	X		X		X	X		X	X		
DSC-1B Discrete Mathematics Lab	X	X		X		X		X	X		X		X	X
DSC-2B Object Oriented Programming in C++ Lab	X		X	X			X		X		X	X	X	X
DSC-3B Database Management System	X		X		X		X		X		X		X	X
DSC-3B Database Management System Lab	X	X		X		X		X		X		X		X
Semester III														
DSC-1C Computer Oriented Statistical Methods	X		X		X	X	X		X		X		X	X
DSC-2C Data Structures and File Processing	X	X		X		X		X		X		X		X
DSC-3C Operating system	X	X		X		X		X	X		X	X		
DSC-1C Computer Oriented Statistical Methods Lab	X	X		X			X	X		X	X		X	X
DSC-2C Data Structures and File	X		X		X		X		X		X	X	X	X

Processing Lab														
DSC-3C Operating system Lab	X	X			X		X		X		X			X
Semester IV														
DSC-1D Financial Accounting & Management	X		X	X		X			X		X		X	X
DSC-2D Java Programming	X	X		X	X			X		X		X		X
DSC-3D Software Engineering	X		X			X		X			X			
DSC-1D Accounting (Tally) Lab	X	X		X			X				X		X	X
DSC-2D Java Programming Lab	X		X		X	X	X		X		X	X	X	X
DSC-3D Software Engineering Lab	X	X		X			X		X		X	X	X	X
Semester V														
SEC-1 (b)Software Testing	X		X		X	X	X		X		X		X	X
SEC-2 (b)Perl Programming	X	X		X	X	X		X	X	X		X		X
DSE-1 (a) Python Programming	X	X		X		X		X			X	X		
DSE-2 (b) Data Mining	X	X		X	X		X	X		X	X		X	X
DSE-3 (a) Data Communication and Network	X		X	X		X	X		X		X	X		X

DSE-1 (a) Python Programming Lab	X	X			X		X		X		X	x		X
DSE-2 (b) Data Mining Lab	X	X		X	X		X			X	X		X	X
DSE-3 (a) Data Communication and Network Lab	X		X		X	X			X		X		X	
Semester VI														
SEC-3 (b) PHP Programming	X	X		X	X		X	X		X	X		X	X
SEC-4 (b) Android Programming	X			X		X			X		X	X		X
DSE-4 (c) Open Source Software	X		X	X		X		X		X		X	X	
DSE-5 (a) Digital Image Processing	X	X		X	X		X	X		X	X		X	X
DSE-4 (c) Open Source Software Lab	X		X	X		X			X		X	X		X
DSE-5 (a) Digital Image Processing Lab	X	X		X	X		X	X		X			X	X
DSE-6 Major Project Report	X		X			X	X		X		X	X		X

7. Certificate Courses Offered:

S. o.	Year	Title of the certificate	Number of Students admitted	Number of Students Successfully Completed	Upload Sample certificate

8. Results: Only Final Year