

SHEAT SCHOOL OF BUSINESS - DEPARTMENT OF COMPUTER APPLICATION

BCA Program Structure @ SHEAT SCHOOL OF BUSINESS

Semester	Compulsory Subjects	Other Certifications	Project/ Internship	Training & Development
Semester I	Computer Fundamental & Office Automation	PYTHON		ELITE - BASIC Level 1
	Programming Principle & Algorithm			
	Principle of Management			
	Business Communication			
	Mathematics –I			
	Computer Laboratory and Practical Work of Office Automation			
	Computer Laboratory and Practical Work of Programming Principle & Algorithm			
Semester II	C Programming	Web Designing (HTML/ CSS/ JS/ BOOTSTRAP)	Mini Project	ELITE - BASIC Level 2
	Digital Electronics & Computer Organization			
	Organization Behaviour			
	Financial Accounting & Management			
	Mathematics II			
	Computer Laboratory and Practical Work of C Programming			
Semester III	Object Oriented Programming Using C++	Web Development (PHP/ LARAVEL)	Mini Project	ELITE - INTERMEDIATE Level 1
	Data Structure Using C & C++			
	Computer Architecture & Assembly Language			
	Business Economics			
	Elements of Statistics			
	Computer Laboratory and Practical Work of OOPS			
	Computer Laboratory and Practical Work of DS			
Semester IV	Computer Graphics & Multimedia Application	MongoDB Database	Mini Project	ELITE - INTERMEDIATE Level 2
	Operating System			
	Software Engineering			
	Optimization Techniques			
	Mathematics-III			
	Computer Laboratory and Practical Work of Computer Graphics & Multimedia Application			
Semester V	Introduction to DBMS	JAVA (Servlet/ JSP)	Minor Project	ELITE - INTERMEDIATE Level 3
	Java Programming and Dynamic Webpage Design			
	Computer Network			
	Numerical Methods			
	Minor Project			
	Viva-Voice on Summer Training			
	Computer Laboratory and Practical Work of DBMS			
	Computer Laboratory and Practical Work of Java Programming & Dynamic Webpage Design			
Semester VI	Computer Network Security	React JS	Major Project	ELITE - INTERMEDIATE Level 4
	Information System: Analysis Design & Implementation			
	E-Commerce			
	Knowledge Management			
	Major Project			
	Presentation/Seminar based on Major Project			

Note:

1. Every semester students need to participate in guest lecture series - 'VOICE' conducted by School of Business
2. Every semester students need to participate in Industrial Visit/ Tour
3. Every semester students need to attend workshops under **कार्याशाला** organized by School of Business.