



VISHWAKARMA
UNIVERSITY
Maximising Human Potential

Bachelor of Business Administration (Computer Applications) Pattern 2025

4 Years – 8 Semesters Full Time Programme Effective from AY 2025 – 2026 Programme Structure (NEP)

Choice Based Credit System (CBCS) and Grading System Outcome-Based Education

Course Type	Course Name	Credit
SEMESTER 1		
		C
DSC	Essentials of Computer Fundamentals (IT and Os)	4
MT	Introduction to Digital Literacy and Cyber Awareness	3
OE	Fundamentals of Business Organization	3
SEC	Business Mathematics	2
AEC	English (VU Level)	4
VEC	Emotional and Moral Development	2
CC	Critical Thinking	2
TOTAL		20
Instructions, if any: 1 Theory/Tutorial Hour = 1 Credit, 2 Practical hours = 1 Credit		
*DSC- Department Specific Core Course AEC- Ability Enhancement Course		
* <u>Minor Track (MT), Open Elective (OE), Skill Enhancement Course (SEC), Value Education Course (VEC) Courses can be opted from concerned department at VU level of SEM – I for various Disciplines, Co-curricular Courses (CC)</u>		
* <u>Minor Track shall be continue till SEM-VI</u>		
SEMESTER 2		
DSC	Programming Fundamental with C	3
DSC	DBMS	3
MT	Productivity Tools	3
OE	Business Process Automation & Workflow Management	3
SEC	Human Skills for Business Excellence	2
IKS	Indian Vision For Human Society	2
VEC	Environmental Studies	4
CC	Google Workspace	2
TOTAL		22
* <u>Open Elective (OE), Skill Enhancement Course (SEC), Courses can be opted from concerned department at VU level of SEM – II for various Disciplines</u>		

SEMESTER 3		
Course Type	Course Name	Credit
DSC	Object-Oriented Programming with C++	4
DSC	Data Structures & Algorithms	3
MT	Data Management and Visualization	3
OE	Digital Business Management	4
SEC	Leadership & Strategic Skills	2
CC	Business Communication	2
CES	Rural Business Outreach & Social Entrepreneurship	2
TOTAL		20
<u>Open Elective (OE), Skill Enhancement Course (SEC), Courses can be opted from concerned department at VU level of SEM -III for various Disciplines</u>		
CES- Community Engagement and Service VSC- Vocational Skill Courses		
SEMESTER 4		
DSC	Python Programming	3
DSC	Database Management Systems	3
MT	Digital Communication and Presentation Tools	3
VSC	Event Management & Corporate Hospitality	3
AEC	Modern Indian Language (VU Level)	4
CC	Group Discussion	2
FP	Field Project	2
TOTAL		20
SEMESTER 5		
DSC	Programming with Java	4
DSC	Web Technologies	3
DSC	Research Methodology	3
DSE -A	Java Script	2
DSE-B	Fundamentals of Big Data	
MT	Social Media & Digital Platforms	3
VSC	NODE JS	3
TOTAL		18
DSE- Department Specific Elective Course -Student have option to choice to select any one. VSC- Vocational Skill Courses		

SEMESTER 6		
Course Type	Course Name	Credit
DSC	Mobile Application Development	3
DSC	Artificial Intelligence and Machine Learning	3
DSC	Cyber Security and IT Law	4
DSE- A	Programming with PHP	2
DSE-B	Linux Operating System	
MT	Minor Track Project	3
VSC	Data Science	3
Total		18
SEMESTER 7 (Honours)		
DSC	Fundamentals of Internet of Things (IoT)	4
DSC	Artificial Intelligence & ML	3
DSE- A	BlockChain Technology	4
DSE-B	Big Data Analytics	
DSE- A	Leadership and Team Management	3
DSE- B	Entrepreneurship Development	
PROJ	Major Project	6
TOTAL		20
SEMESTER 8 (Honours)		
DSC	Data Mining and Data Warehousing	3
DSE -A	Android Programming	3
DSE- B	Game Design & Development	
PROJ	Major Project	6
INT	Internship	8
TOTAL		20

SEMESTER 7 (RESEARCH)		
Course Type	Course Name	Credit
DSC	IPR & Innovation Management	4
DSC	Artificial Intelligence & ML	3
DSE-A	BlockChain Technology	4
DSE-B	Big Data Analytics	
DSE-A	Leadership and Team Management	4
DSE-B	Entrepreneurship Development	
PROJ	Research Project-1	5
TOTAL		20
SEMESTER 8 (RESEARCH)		
DSC	Data Mining and Data Warehousing	3
DSE-A	Android Programming	3
DSE-B	Game Design & Development	
INT	Research Internship	6
PROJ	Research Project-2	8
TOTAL		20