

**Bachelor of Business Administration in Computer Application
(BBA-CA)**

(Affiliated to Savitribai Phule Pune University)

Revised Curriculum (2024 Pattern as per NEP-2020)

w.e.f. Academic Year: 2024-2025

Programme Structure

FYBBA-CA Semester I				
Course Type	Course	Paper Title	Hours / Week	Credits
Major Mandatory (06)	Major Mandatory 1	Problem solving using C	3	2
	Major Mandatory 2	Data Base Management System	3	2
	Major Mandatory 3 (Practical)	Computer Laboratory based on C Programming and Data Base Management System (DBMS)	5	2
Open Elective (OE)	Open Elective 1	Business Mathematics	3	2
	Open Elective 2	Principles and Practice of Management	3	2
Vocational Skill Development Course (VSC)	Vocational Skill Development Course	Office Automation tools	5	2
Skill Enhancement Course (SEC)	Skill Enhancement Course (SEC)	Programming Principles and algorithm	3	2
Ability Enhancement Course (AEC)	Ability Enhancement Course (AEC)	Business Communication Skills-I	3	2
Value Education Course (VEC)	Value Education Course (VEC)	Environmental Awareness	3	2
Indian Knowledge System (IKS)	Indian Knowledge System (IKS)	Generic IKS By SPPU	3	2
Co-Curricular Courses (CC)	Co-Curricular Courses (CC)	Physical Education – I	@ Department	2
Total			-	22
FYBBA-CA Semester II				
Course Type	Course	Paper Title	Hours / Week	Credits
Major Mandatory (06)	Major Mandatory 4	Advance C Programming	3	2
	Major Mandatory 5	Relational Database Management System (RDBMS)	3	2
	Major Mandatory 6 (Practical)	Computer Laboratory based on AdvanceC and RDBMS	5	2
Minor	Minor 1	Organizational Behavior	3	2
Open Elective (OE)	Open Elective 3	Business Statistics	3	2

	Open Elective 4	Financial Accounting with Tally	3	2
Vocational Skill Development Course (VSC)	Vocational Skill Development Course (VSC) (Practical)	Web Technology	5	2
Skill Enhancement Course (SEC)	Skill Enhancement Course (SEC)	E-Commerce	3	2
Ability Enhancement Course (AEC)	Ability Enhancement Course (AEC)	Business Communication Skills-II	3	2
Value Education Course (VEC)	Value Education Course (VEC)	Democracy Awareness & Gender Sensitization	3	2
Co-Curricular Courses (CC)	Co-Curricular Courses (CC)	Physical Education – II	@ Department	2
		Total	-	22

SYBBA-CA Semester III

Course Type	Course	Paper Title	Hours / Week	Credits
Major Mandatory (08)	Major Mandatory 7	Data Structure	5	4
	Major Mandatory 8	PHP	5	4
Minor	Minor 2 (Practical)	Computer Laboratory based on DS, PHP	5	4
Open Elective (OE)	Open Elective 5	To be selected from the basket of the other faculty	3	2
Vocational Skill Development Course (VSC)	Vocational Skill Development Course (VSC) (Practical)	Web development tools	5	2
Ability Enhancement Course (AEC)	Ability Enhancement Course (AEC)	Modern Indian Languages 1	3	2
Field Projects (FP)	Project	Project based on Web Applications	5	2
Co-Curricular Courses (CC)	Co-Curricular Courses (CC)	NSS/NCC/Yoga Education/Health and Wellness/Fine Arts-I	@ Department	2
		Total	-	22

SYBBA-CA Semester IV

Course Type	Course	Paper Title	Hours / Week	Credits
Major Mandatory (08)	Major Mandatory 9	Object Oriented Programming using C++	5	4
	Major Mandatory 10	Advance PHP	5	4
Minor	Minor 3 (Practical)	Computer Laboratory based on CPP, Adv PHP	5	4
Open Elective (OE)	Open Elective 6	Digital Marketing	5	2
Skill Enhancement Course (SEC)	Skill Enhancement Course (SEC)	Computer Network	3	2
Ability Enhancement Course (AEC)	Ability Enhancement Course (AEC)	Modern Indian Languages 2	3	2
Field Projects	Project	Project based on Digital Marketing	5	2
Co-Curricular Courses (CC)	Co-Curricular Courses (CC)	NSS/NCC/Yoga Education/Health and Wellness/Fine Arts-II	@ Department	2

	Total	-	22
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TYBBA-CA Semester V				
Course Type	Course	Paper Title	Hours / Week	Credits
Major Mandatory (10)	Major Mandatory 11	Java Programming	5	4
	Major Mandatory 12	Mobile Application Development	5	4
	Major Mandatory 13 (Practical)	Computer Laboratory based on Java and Mobile Application Development	3	2
Major Elective	Major Elective 1	Linux Operating System	5	4
Minor	Minor 4	Software Engineering	5	4
Vocational Skill Development Course (VSC)	Vocational Skill Development Course (VSC) (Practical)	Dot Net Programming	5	2
Field Projects (FP)/ Community Engagement and Service corresponding to the Major (CEP)	Project	Project based on Mobile Application Development	5	2
		Total	-	22
TYBBA-CA Semester VI				
Course Type	Course	Paper Title	Hours / Week	Credits
Major Mandatory (10)	Major Mandatory 14	Recent Trends in IT	5	4
	Major Mandatory 15	Python	5	4
	Major Mandatory 16 (Practical)	Computer Laboratory based on Python	5	2
Major Elective	Major Elective 2	Internet of Things	3	2
	Major Elective 3	Software Testing	3	2
Minor	Minor 5	Management Information Systems	5	4
On Job Training (OJT)	On Job Training	Internship + Project	After the final exams of Sem V	4
		Total	-	22

