SWAMINARAYAN UNIVERSITY
THE RESERVOIR OF ALL KNOWLEDGE

Teaching and Examination Scheme*

BACHELOR OF COMPUTER APPLICATION (HONS.)
Sem - 1

Academic Year : **2324**

Print Date : 01/03/2026

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits	Theory Marks		Tutorial/ Practical Marks		Elective	Total Marks
		Theory	Tutorial	Practical		FINAL EXAM	IA	CSE (Internal)	Viva (Practical Viva)	TW (Term work)	
AEC101-1C-E	COMMUNICATION SKILLS	2	0	0	2.00	25	25	0	0	0	50
CVA101-1C-E	YOGA SCIENCE	0	0	4	2.00	0	0	25	25	0	50
FCCAE101-1C	FUNDAMENTALS OF COMPUTER & PC SOFTWARE	4	0	0	4.00	50	50	0	0	0	100
FPCAM101-1C	FOUNDAMENTAL OF PROGRAMMING	2	0	4	4.00	25	25	25	25	0	100
FWCAM102-1C	FUNDAMENTAL OF WEB DEVELOPMENT	2	0	4	4.00	25	25	25	25	0	100
MDC101-1C-E	CONSTITUTION OF INDIA	4	0	0	4.00	50	50	0	0	0	100
SEC101-1C-E	BASIC MATHEMATICS	2	0	0	2.00	25	25	0	0	0	50

We have verified all details of above subjects: Syllabus, Teaching Scheme and Marks etc.

Online Time Table Coordinator

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SWAMINARAYAN UNIVERSITY
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Teaching and Examination Scheme*

BACHELOR OF COMPUTER APPLICATION (HONS.)
Sem - 2

Academic Year : **2324**

Print Date : 01/03/2026

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits	Theory Marks		Tutorial/ Practical Marks		Elective	Total Marks
		Theory	Tutorial	Practical		FINAL EXAM	IA	CSE (Internal)	Viva (Practical Viva)	TW (Term work)	
AEC102-1C-E	PERSONALITY DEVELOPMENT	2	0	0	2.00	25	25	0	0	0	50
APCAM103-1C	ADVANCE C PROGRAMMING	2	0	4	4.00	25	25	25	25	0	100
CNCAE102-1C	COMPUTER NETWORK	2	0	4	4.00	25	25	25	25	0	100
CVA102-1C-E	THE ART OF BEING HAPPY	2	0	0	2.00	25	25	0	0	0	50
DMCAM104-1C	DATABASE MANAGMENT SYSTEM	2	0	4	4.00	25	25	25	25	0	100
MDC102-1C-E	M-COMMERCE	4	0	0	4.00	50	50	0	0	0	100
SEC102-1CE	INFORMATION SECURITY	0	0	0	2.00	0	0	25	25	0	50

We have verified all details of above subjects: Syllabus, Teaching Scheme and Marks etc.

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Teaching and Examination Scheme*

BACHELOR OF COMPUTER APPLICATION (HONS.)
Sem - 3

Academic Year : **2425**

Print Date : 01/03/2026

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits	Theory Marks		Tutorial/ Practical Marks		Elective	Total Marks
		Theory	Tutorial	Practical		FINAL EXAM	IA	CSE (Internal)	Viva (Practical Viva)	TW (Term work)	
ADCAM107-1C	ADVANCED DATABASE MANAGEMENT SYSTEM	2	0	4	4.00	25	25	25	25	0	100
AEC103-1C-D	ENVIRONMENT SCIENCE	2	0	0	2.00	25	25	0	0	0	50
CVA103-1C-E	ETHICS AND CULTURE	2	0	0	2.00	25	25	0	0	0	50
DSCAM105-1C	DATA STRUCTURE	2	0	4	4.00	25	25	25	25	0	100
MDC103-1C-E	SYSTEM ANALYSIS AND DESIGN	3	0	2	4.00	25	25	25	25	0	100
OPCAM106-1C	OBJECT ORIENTED PROGRAMMING USING JAVA	2	0	4	4.00	25	25	25	25	0	100
SEC103-1C-E	ENTERPRIZE RESOURCE PLANNING	0	0	4	2.00	0	0	25	25	0	50

We have verified all details of above subjects: Syllabus, Teaching Scheme and Marks etc.

Online Time Table Coordinator

Dept. Coordinator/ HoD

SWAMINARAYAN UNIVERSITY
THE RESERVOIR OF ALL KNOWLEDGE

Teaching and Examination Scheme*

BACHELOR OF COMPUTER APPLICATION (HONS.)
Sem - 4

Academic Year : **2425**

Print Date : 01/03/2026

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits	Theory Marks		Tutorial/ Practical Marks		Elective	Total Marks
		Theory	Tutorial	Practical		FINAL EXAM	IA	CSE (Internal)	Viva (Practical Viva)	TW (Term work)	
AEC104-1C-1E	MODERN INDIAN LANGUAGE	2	0	0	2.00	25	25	0	0	0	50
BDCAM109-1C	BIG DATA ANALYTICS	3	0	2	4.00	25	25	25	25	0	100
COCAE103-1C	COMPUTER ORGANIZATION AND ARCHITECTURE	3	0	2	4.00	25	25	25	25	0	100
CVA104-1C-E	AYURVEDA AND NUTRITION	2	0	0	2.00	25	25	0	0	0	50
PPCAM108-1C	PYTHON PROGRAMMING	2	0	4	4.00	25	25	25	25	0	100
SEC104-1C-E	OFFICE AUTOMATION & IT TOOLS	0	0	4	2.00	0	0	25	25	0	50
SECAM110-1C	SOFTWARE ENGINEERING	4	0	2	4.00	25	25	25	25	0	100

We have verified all details of above subjects: Syllabus, Teaching Scheme and Marks etc.

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Teaching and Examination Scheme*

BACHELOR OF COMPUTER APPLICATION (HONS.)
Sem - 5

Academic Year : **2526**

Print Date : 01/03/2026

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits	Theory Marks		Tutorial/ Practical Marks		Elective	Total Marks
		Theory	Tutorial	Practical		FINAL EXAM	IA	CSE (Internal)	Viva (Practical Viva)	TW (Term work)	
AICAM111-1C	ARTIFICIAL INTELLIGENCE-I	3	0	1	4.00	25	25	25	25	0	100
MLCAM112-1C	MACHINE LEARNING-I	3	0	2	4.00	25	25	25	25	0	100
OPCAM113-1C	OBJECT ORIENTED PROGRAMMING USING JAVA-II	3	0	2	4.00	25	25	25	25	0	100
SEC105-1C-E	GRAPHICS DESIGN TOOLS	0	0	4	2.00	0	0	25	25	0	50
SPCAE105-1C	SOFTWARE PROJECT MANAGEMENT	4	0	0	4.00	50	50	0	0	0	100
WDCAE104-1C	WEB DEVELOPMENT USING PHP	3	0	2	4.00	25	25	25	25	0	100

We have verified all details of above subjects: Syllabus, Teaching Scheme and Marks etc.

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SWAMINARAYAN UNIVERSITY
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Teaching and Examination Scheme*

BACHELOR OF COMPUTER APPLICATION (HONS.)
Sem - 6

Academic Year : **2526**

Print Date : 01/03/2026

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits	Theory Marks		Tutorial/ Practical Marks		Elective	Total Marks
		Theory	Tutorial	Practical		FINAL EXAM	IA	CSE (Internal)	Viva (Practical Viva)	TW (Term work)	
AEC105-1C-E	AI IN RESEARCH	0	0	4	2.00	0	0	25	25	0	50
AICAM114-1C	ARTIFICIAL INTELLIGENCE-II	3	0	2	4.00	25	25	25	25	0	100
C#CAE106-1C-E	WEB .NET WITH C#	3	0	2	4.00	25	25	25	25	0	100
IPCAM117-1C	INTERNSHIP/PROJECT	0	0	8	4.00	0	0	50	50	0	100
LSCAM115-1C	LINUX SERVER SECURITY	3	0	2	4.00	25	25	25	25	0	100
MLCAM116-1C	MACHINE LEARNING-II	3	0	2	4.00	25	25	25	25	0	100

We have verified all details of above subjects: Syllabus, Teaching Scheme and Marks etc.

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