

----- Program Structure -----

Bachelor of Business Administration in Computer Application | Level 4.5 (FY BBA CA) Semester I

Course Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2402MJCT101	Subject - 1	C Programming	2	--	20	30	50	2	-	2
2402MJCP102		C Programming Laboratory	-	4	20	30	50	-	2	2
2402MJCT103	Subject - 2	Web Designing	2	--	20	30	50	2	-	2
2402MJCP104		Web Designing Laboratory	-	4	20	30	50	-	2	2
2402MJCT105	Subject - 3	Principles of Management	2	-	20	30	50	2	-	2
2402MJCP106		Basics of Python Laboratory	-	4	20	30	50	-	2	2
2402GOET107	GE/OE	To be selected from college Bucket	2	-	50	-	50	2	-	2
2402SECT108	SEC	Business Mathematics	2	-	50	-	50	2	-	2
2402IKST109	IKS	Generic IKS	2		50	-	50	2	-	2
2402AECT110	ACE	English for Communication-I	2		50	-	50	2	-	2
2402VECT111	VEC	Indian Constitution and Democracy	2		50	-	50	2	-	2
Total			16	12	370	180	550	16	6	22

Bachelor of Business Administration in Computer Application | Level 4.5 (FY BBA CA) Semester II

Course Code	Course Type	Course Name	Teaching Scheme Hrs/ Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2402MJCT201	Subject - 1	Mastering C Programming	02	--	20	30	50	02	--	02
2402MJCP202		Mastering C Programming Laboratory	--	04	20	30	50	--	02	02
2402MJCT203	Subject - 2	Artificial Intelligence	02	--	20	30	50	02	--	02
2402MJCP204		Artificial Intelligence Laboratory	--	04	20	30	50	--	02	02
2402MJCT205	Subject - 3	Financial Accounting	02	--	20	30	50	02	--	02
2402MJCP206		JavaScript Laboratory	--	04	20	30	50	--	02	02
2402GOEP207	GE/OE	To be selected from college Bucket	--	04	50	--	50	--	02	02
2402SECP208	SEC	Database Management System Laboratory	--	04	50	--	50	--	02	02
2402AECT209	ACE	English for Communication-II	02	--	50	--	50	02	--	02
2402VECT210	VEC	Environmental Science	02	--	50	--	50	02	--	02
2402CCC211	CC	To be selected from college Bucket	02	--	50	--	50	02	--	02
Total			12	20	370	180	550	12	10	22

----- Program Structure -----

Bachelor of Business Administration in Computer Application | Level 4.5 (SY BBA CA) Semester III

Course Code	Course Type	Course Name	Teaching Scheme Hrs/ Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2402MJCT301	Major Core	Data Structure	02	--	20	30	50	02	--	02
2402MJCT302		Software Engineering	02	--	20	30	50	02	--	02
2402MJCP303		Data Structure Laboratory	--	04	20	30	50	--	02	02
2402VSCP304	VSC	RDBMS Laboratory	--	04	20	30	50	--	02	02
2402FPRP305	FPR	Filed Project	--	04	50	--	50	--	02	02
2402MNRT306A	Minor	Angular JS	02	--	20	30	50	02	--	02
2402MNRP307B		Angular JS Laboratory	--	04	20	30	50	--	02	02
OR		OR								
2402MNRT306A		Machine Learning	02	--	20	30	50	02	--	02
2402MNRP307B		Machine Learning Laboratory	--	04	20	30	50	--	02	02
2402GOET308	GE/OE	To be selected from college Bucket	02	--	50	--	50	02	--	02
2402IKST309	IKS	Domain Specific IKS	02	--	50	--	50	02	--	02
2402AECT310	AEC	Marathi / Hindi / Sanskrit- I	02	--	50	--	50	02	--	02
2402CCCT311	CC	To be selected from college Bucket	02	--	50	--	50	02	--	02
Total			14	16	370	180	550	14	08	22

Bachelor of Business Administration in Computer Application | Level 4.5 (SY BBA CA) Semester IV

Course Code	Course Type	Course Name	Teaching Scheme Hrs/ Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2402MJCT401	Major Core	Object Oriented Programming using C++	02	--	20	30	50	02	--	02
2402MJCT402		Operating System	02	--	20	30	50	02	--	02
2402MJCP403		Object Oriented Programming using C++ Laboratory	--	04	20	30	50	--	02	02
2402VSCP404	VSC	PHP Laboratory	--	04	20	30	50	--	02	02
2402CEPP405	CEP	Community Engagement Program	--	04	50	--	50	--	02	02
2402MNRT406A	Minor	Node JS & Express Js	02	--	20	30	50	02	--	02
2402MNRP407B		Node JS & Express Js Laboratory	--	04	20	30	50	--	02	02
OR		OR								
2402MNRT406A		Deep learning	02	--	20	30	50	02	--	02
2402MNRP407B		Deep Learning Laboratory	--	04	20	30	50	--	02	02
2402GOET408	GE/OE	To be selected from college Bucket	--	04	50	--	50	--	02	02
2402SECP409	SEC	Prompt & Generative AI Laboratory	--	04	50	--	50	--	02	02
2402AECT410	AEC	Marathi / Hindi / Sanskrit- II	02	--	50	--	50	02	--	02
2402CCCT411	CC	To be selected from college Bucket	02	--	50	--	50	02	--	02
Total			10	24	370	180	550	10	12	22

----- Program Structure -----

Bachelor of Business Administration in Computer Application | Level 5.5 (TY BBA CA) Semester V

Course Code	Course Type	Course Name	Teaching Scheme Hrs/ Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2402MJCT501	Major Core	Java	02	--	20	30	50	02	--	02
2402MJCT502		Computer Network	02	--	20	30	50	02	--	02
2402MJCP503		Java Laboratory	--	04	20	30	50	--	02	02
2402MJCT504		Software Testing	02	--	20	30	50	02	--	02
2402MJCP505		Cloud-Based Productivity Tools Lab	--	04	20	30	50	--	02	02
2402MJCT506		Software Project Management System	02	--	20	30	50	02	--	02
2402MJET507A	Major Elective	Go Programming	02	--	20	30	50	02	--	02
2402MJEP508B		Go Programming Laboratory	--	04	20	30	50	--	02	02
OR		OR								
2402MJET507A		Dot Net Programming	02	--	20	30	50	02	--	02
2402MJEP508B		Dot Net Programming Lab	--	04	20	30	50	--	02	02
2402VSCP509	VSC	Minor subject Laboratory	--	04	20	30	50	--	02	02
2402FPRP510	FPR	Field Project	--	04	50	--	50	--	02	02
2402MNRT511A	Minor	React Js	02	--	20	30	50	02	--	02
OR		OR								
2402MNRT511A		Natural Language Processing	02	--	20	30	50	02	--	02
Total			12	20	250	300	550	12	10	22

Bachelor of Business Administration in Computer Application | Level 5.5 (TY BBA CA) Semester VI

Course Code	Course Type	Course Name	Teaching Scheme Hrs/ Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2402MJCT601	Major Core	Object Oriented Software Engineering	02	--	20	30	50	02	--	02
2402MJCT602		Data Science	02	--	20	30	50	02	--	02
2402MJCP603		Data Science Laboratory	--	04	20	30	50	--	02	02
2402MJCT604		Advance Java	02	--	20	30	50	02	--	02
2402MJCP605		Advance Java Laboratory	-	04	20	30	50	--	02	02
2402MJCT606		Digital Marketing	02	--	20	30	50	02	--	02
2402MJET607A	Major Elective	Django	02	--	20	30	50	02	--	02
2402MJEP608B		Django Laboratory	--	04	20	30	50	--	02	02
OR		OR								
2402MJET607A		Power BI	02	--	20	30	50	02	--	02
2402MJEP608B		Power BI Laboratory	--	04	20	30	50	--	02	02
2402VSCP609	VSC	Practical on Game Development	--	04	20	30	50	--	02	02
2402OJTP610	OJT	Internship / Project	--	08	100	--	100	--	04	04
Total			10	24	280	270	550	10	12	22

Award of Four years UG Honors Degree in Major and Minor with 176 credit

OR

----- Program Structure -----

Bachelor of Business Administration in Computer Application Level 5.5 (TY BBA CA) Semister VI - Semester Long Internship										
Course Code	Course Type	Course Name	Teaching Scheme Hrs/ Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2402MJCT601	Major Core	Object Oriented Software Engineering	02	–	20	30	50	02	–	02
2402MJCT602		Data Science	02	--	20	30	50	02	--	02
2402MJCT606		Advance Java	02	--	20	30	50	02	--	02
2402MJET607A/B		Django / Power BI	02	--	20	30	50	02	--	02
2402VSCP609		Game Development	02	--	20	30	50	02	--	02
		OR								
	OJT	MOOC Online Courses	-	--	--	--	--	10	--	10
2402OJTP610		Internship / Project	--	--	--	--	--	--	12	12
Total			10	00	75	175	250	10	12	22

Bachelor of Business Administration in Computer Application Level 6.0 (TY BBA CA) Semester VII										
Course Code	Course Type	Course Name	Teaching Scheme Hrs/ Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2402MJCT701	Major Core	Android Programming	02	--	40	60	100	02	--	02
2402MJCT702		Big Data Analytics	02	--	40	60	100	02	--	02
2402MJCP703		Android Programming Laboratory	--	04	20	30	50	--	02	02
2402MJCP704		Big Data Analytics Laboratory	--	04	20	30	50	--	02	02
2402MJCT705		Decision Support System	02	--	20	30	50	02	--	02
2402MJET706A	Major Elective	Data Mining & Data warehousing	02	--	20	30	50	02	--	02
2402MJEP707B		Data Mining & Data warehousing Laboratory	--	04	20	30	50	--	02	02
OR		OR								
2402MJET706A		Cyber Security	02	--	20	30	50	02	--	02
2402MJEP707B		Cyber Security Laboratory	--	04	20	30	50	--	02	02
2402RMT708	RM	Fundamentals of Research Methodology	04	--	40	60	100	04	--	04
Total			16	12	220	330	550	16	6	22

----- Program Structure -----

Bachelor of Business Administration in Computer Application | Level 6.0 (FY BBA CA) Hon. Degree Semester – VIII

Course Code	Course Type	Course Name	Teaching Scheme Hrs/ Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2402MJCT801	Major Core	Cloud Computing	04	--	40	60	100	04	--	04
2402MJCT802		Graph QL	04	--	40	60	100	04	--	04
2402MJCP803		Graph QL Laboratory	--	04	20	30	50	--	02	02
2402MJCP804		Cloud Computing Laboratory	--	04	20	30	50	--	02	02
2402MJCT805		Recent Trends in IT	02	--	20	30	50	02	--	02
2402MJET806A	Major Elective	Hadoop	02	--	20	30	50	02	--	02
2402MJEP807B		Hadoop Laboratory	--	04	20	30	50	--	02	02
OR		OR								
2402MJET806A		Mango DB	02	--	20	30	50	02	--	02
2402MJEP807B		Mango DB Laboratory	--	04	20	30	50	--	02	02
2402OJTP808	RM	On-job Training / Internship	--	08	100	-	100	--	04	04
Total			12	20	220	330	550	12	10	22

Award of Four years UG Honors Degree in Major and Minor with 176 credit

OR

Bachelor of Business Administration in Computer Application | Level 6.0 (FY BBA CA) Semester VIII Long Internship

Course Code	Course Type	Course Name	Teaching Scheme Hrs/ Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
2402MJCT801	Major Core	Cloud Computing	02	--	20	30	50	02	--	02
2402MJCT802		Graph QL	02	--	20	30	50	02	--	02
2402OJTP610		Recent Trend in IT	02	--	20	30	50	02	--	02
2402MJET806A		Hadoop	02	--	20	30	50	02	--	02
2402MJET806A		Mango DB	02	--	20	30	50	02	--	02
		OR								
		MOOC Online Courses	-	--	--	--	--	10	--	10
2402OJTP808	OJT	Internship / Project	--	--	--	100	--	100	12	12
Total			10	00	75	175	250	10	12	22

Abbreviations:

MJC – Major Core | MJE - Major Elective | MNR-Minor | VSC- Vocational Skill Course | IKS - Indian Knowledge System

FPR – Field Project | OJT – On Job Training

CEP – Community Engagement Program | GE / OE – Generic Elective / Open Elective | SEC- Skill Enhancement Course

AEC- Ability Enhancement Course | VEC – Value Education course

CCC- Cocurricular Course | RM –Research Methodology T- Theory | P-Practical