



SEETHALAKSHMI RAMASWAMI COLLEGE

(Autonomous)

Affiliated to Bharathidasan University

Tiruchirappalli

Accredited with A+ by NAAC (4th Cycle)



BACHELOR OF COMPUTER APPLICATIONS Revised CBCS - OBE - BASED Curriculum Structure

(For students admitted from 2021 onwards)

SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/ EXT	CIA	SE	TOT
I	I	Language I	U211XXLT01	Course – I	6	3	EXT	25	75	100
	II	English I	U211XXEE01	Course – I	6	3	EXT	25	75	100
	III	Core Course I	U211CAMT01	Problem Solving with C	5+2	5	EXT	25	75	100
	III	Core Practical I		Practical I - Programming in C and Java Lab	2	-	INT			
	III	First Allied Course I	U211MAAT05	Offered by Mathematics department	4	3	EXT	25	75	100
	III	First Allied Practical I		Practical I - Offered by Mathematics department	2	-	-	-	-	-
	III	CD (Computer Applications , Computer Science, Electronics)		Nano Electronics	1	-	EXT	-	-	-
	IV	VBE	U211XXVE01	Value Based Education	2	2	INT	25	75	100
	TOTAL					30	16			

SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/EXT	CIA	SE	TOT
II	I	Language II	U212XXLT02	Course – II	6	3	EXT	25	75	100
	II	English II	U212XXEE02	Course – II	6	3	EXT	25	75	100
	III	Core Course II	U212CAMT02	Object Oriented Programming Using Java	5	5	EXT	25	75	100
	III	Core Practical I	U212CAMP01	Practical I - Programming in C and Java Lab	2	4	INT	40	60	100
	III	First Allied Course II	U212MAAT10	Offered by Mathematics department	4	3	EXT	25	75	100
	III	First Allied Practical I	U212MAAP05	Practical I - Offered by Mathematics department	2	3	INT	40	60	100
	III	CD (Computer Applications , Computer Science, Electronics)	U212XBMT01	Nano Electronics	3	4	EXT	25	75	100
	IV	EVS	U212XXES01	Environmental Studies	2	2	INT	25	75	100
	TOTAL					30	27			

SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/EXT	CIA	SE	TOT
III	I	Language III	U213XXLT03	Course – III	6	3	EXT	25	75	100
	II	English III	U213XXEE03	Course – III	6	3	EXT	25	75	100
	III	Core Course III	U213CAMT03	Programming in Python	5+ 1	5	EXT	25	75	100
	III	Core Practical II		Practical II - Programming in Python and MySQL Lab	2	-	INT	-	-	-
	III	Second Allied Course I	U213CMAT06	Offered by Commerce department	4	3	EXT	25	75	100
	III	Second Allied Practical I		Practical II - Offered by Commerce department	2	-	INT	-	-	-
	IV	NME – I *	U213CANE01	Fundamentals of Computers	2	2	INT	25	75	100
	IV	SBE - I	U213CASE01:1	Shell Programming Lab	2	2	INT	40	60	100
	TOTAL					30	18			

***Offered by the department to the students of other disciplines**

SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/EXT	CIA	SE	TOT
IV	I	Language IV	U214XXLT04	Course – IV	6	3	EXT	25	75	100
	II	English IV	U214XXEE04	Course – IV	6	3	EXT	25	75	100
	III	Core Course IV	U214CAMT04	Database Systems	5+1	5	EXT	25	75	100
	III	Core Practical II	U214CAMP02	Practical II – Programming in Python and MySQL Lab	2	4	INT	40	60	100
	III	Second Allied Course II	U214CMAT09	Offered by Commerce department	4	3	EXT	25	75	100
	III	Second Allied Practical I	U214CMAP03	Practical II - Offered by Commerce department	2	3	INT	40	60	100
	IV	NME II *	U214CANE02	Introduction to e-Commerce	2	2	INT	25	75	100
	IV	SBE II	U214CASE02	VB.NET Programming Lab	2	2	INT	40	60	100
TOTAL					30	25				800

***Offered by the department to the students of other disciplines**

SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/EXT	CIA	SE	TOT
V	III	Core Course V		Fundamentals of Datastructures	5+1	5	EXT	25	75	100
	III	Core Course VI		Computer Networks	5+1	5	EXT	25	75	100
	III	Core Course VII		ASP. NET Programming	5	5	EXT	25	75	100
	III	Core Practical III		Practical III - ASP. NET Programming Lab	4	4	INT	40	60	100
	IV	MBE I		Computer Graphics	5	4	EXT	25	75	100
	IV	SBE III		Website Development Lab	2	2	INT	40	60	100
	IV	SSD		Soft Skill Development	2	2	INT	25	75	100
TOTAL					30	27				700

SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/EXT	CIA	SE	TOT
VI	III	Core Course VIII		Operating Systems	5+1	5	EXT	25	75	100
	III	Core Course IX		Programming in PHP	5+1	5	EXT	25	75	100
	III	Core Practical IV		Practical IV - Programming in PHP Lab	4	4	INT	40	60	100
	IV	MBE II		Cloud Computing	5	4	EXT	25	75	100
	IV	MBE III		Software Engineering	5	4	EXT	25	75	100
	III	Field Project		Group Project	3	3	EXT	-	-	100
	V	GS		Gender Studies	1	1	INT	25	75	100
	V	Extension		Extension Activity	-	1	INT	25	75	100
	TOTAL					30	27			
GRAND TOTAL					180	140				4200