



# SEETHALAKSHMI RAMASWAMI COLLEGE

(Autonomous)

Affiliated to Bharathidasan University

Tiruchirappalli

Accredited with A+ by NAAC (4<sup>th</sup> Cycle)



Revised CBCS - OBE - BASED Curriculum Structure – UG

(For students admitted from 2021 onwards)

SEM	PART	COURSE	COURSE CODE	COURS ETITLE	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	U211BCMT01	Chemistry of Biomolecules	7	5	EXT	25	75	100
	III	Core Practical I	U212BCMP01	Practical I - Microscopic and Biomolecule Analysis	2	-	INT			
	III	Allied Course I	U211BCAT01	General Chemistry	4	3	EXT	25	75	100
	III	Allied Practical I	U212BCAP01	Practical I – Biophysical chemistry	2	-	-	-	-	-
	III	CD (Biochemistry & Biotechnology)	U21XAMT01	Stem cell Biology	1	-	EXT	-	-	-
	IV	VBE	U211XXVE01	Value Based Education	2	2	INT	25	75	100
	<b>TOTAL</b>					<b>30</b>	<b>16</b>			

SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/EXT	CIA	SE	TOT
<b>II</b>	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	U212BCMT02	Cell Biology	5	5	EXT	25	75	100
	III	Core Practical I	U212BCMP01	Practical I - Microscopic and Biomolecule Analysis	2	4	INT	40	60	100
	III	Allied Course II	U212BCAT02	Biophysical Chemistry	4	3	EXT	25	75	100
	III	Allied Practical I	U211BCAT01	Practical I - Biophysical Chemistry	2	3	INT	40	60	100
	III	CD	U21XAMT01	Stem cell Biology	3	4	EXT	25	75	100
	IV	EVS	U212XXES01	Environmental Studies	2	2	INT	25	75	100
<b>TOTAL</b>					<b>30</b>	<b>27</b>				<b>800</b>

SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/EXT	CIA	SE	TOT
<b>III</b>	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	U213BCMT03	Techniques in Biochemistry	6	5	EXT	25	75	100
	III	Core Practical II	U213BCMP02	Practical II - Biochemical techniques and Enzyme analysis	2	-	INT	-	-	-
	III	Allied Course III	U213BTAT03	Offered by Department of Biotechnology	4	3	EXT	25	75	100
	III	Allied Practical II	U214BTAP02	Offered by Department of Biotechnology	2	-	INT	-	-	-
	IV	NME I*	U213BCNE01	Biomolecules	2	2	INT	25	75	100
	IV	SBE I	U213BCSE01:1	Herbal medicine	2	2	INT	25	75	100
<b>TOTAL</b>					<b>30</b>	<b>18</b>				<b>600</b>

*\*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	U214BCMT04	Enzymology	6	5	EXT	25	75	100
	III	Core Practical II	U213BCMP02	Practical – II - Biochemical techniques and Enzyme analysis	2	4	INT	40	60	100
	III	Allied Course IV	U214BTAT04	Offered by Department of Biotechnology	4	3	EXT	25	75	100
	III	Allied Practical II	U214BTAP02	Offered by Department of Biotechnology	2	3	INT	40	60	100
	IV	NME II *	U214BCNE02	Diagnosis of diseases	2	2	INT	25	75	100
	IV	SBE II	U214BCSE02:1	Drug Biochemistry	2	2	INT	25	75	100
<b>TOTAL</b>					<b>30</b>	<b>25</b>				<b>800</b>

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SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/EXT	CIA	SE	TOT
V	III	Core Course V	U215BCMT05	Molecular Biology	6	5	EXT	25	75	100
	III	Core Course VI	U215BCMT06	Metabolism	6	5	EXT	25	75	100
	III	Core Course VII	U215BCMT07	Genetics	6	5	EXT	25	75	100
	III	Core Practical III	U216BCMP03	Practical III - Phytochemical analysis	3	-	INT	-	-	-
	III	MBE I	U215BCME01:1	Plant and Microbial Biochemistry	5	4	EXT	25	75	100
	IV	SBE III	U215BCSE03:1	Nutritional Biochemistry	2	2	INT	25	75	100
	IV	SSD	U215XXSS01	Soft Skill Development	2	2	INT	25	75	100
<b>TOTAL</b>					<b>30</b>	<b>23</b>				<b>600</b>

SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/EXT	CIA	SE	TOT
VI	III	Core Course VIII	U216BCMT08	Endocrinology	5	5	EXT	25	75	100
	III	Core Course IX	U216BCMT09	Clinical Biochemistry	5	5	EXT	25	75	100
	III	Core Practical III	U216BCMP03	Practical III – Phytochemical Analysis	2	4	INT	40	60	100
	III	Core Practical IV	U216BCMP04	Practical IV – Blood and Urine Analysis	4	4	INT	40	60	100
	III	MBE II	U216BCME02:1	Immunology	5	4	EXT	25	75	100
	III	MBE III	U216BCME03:1	Human Physiology	5	4	EXT	25	75	100
	III	Field Project	U216BCPJ01	Clinical Laboratory Training	3	3	EXT	-	-	100
	V	GS	U216XXGS01	Gender Studies	1	1	INT	25	75	100
	V	Extension		Extension Activity	-	1	INT	25	75	100
				Total	30	31				900
<b>Grand Total</b>					<b>180</b>	<b>140</b>				<b>4200</b>