



**SEETHALAKSHMI RAMASWAMI COLLEGE**  
**(Autonomous)**  
**Affiliated to Bharathidasan University**  
**Tiruchirappalli**  
*Accredited with A+ by NAAC (4<sup>th</sup> Cycle)*



**B.Sc. Mathematics**  
**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/U211XXLH01/ U211XXLS01 U211XXTG01 (TANSCHÉ) U211XXHG01 (TANSCHÉ) U211XXSG01 (TANSCHÉ)	Course - I	6	3	EXT	25	75	100
	II	English - I	U211XXEE01 U211XXEG01(TANSCHÉ)	Course - I	6	3	EXT	25	75	100
	III	Core Course - I	U211MAMT01	Calculus	5	5	EXT	25	75	100
	III	Core Course - II	U211MAMT02	Theory of equations and Vector Analysis	5	5	EXT	25	75	100
	III	First Allied Course - I	U211CMAT01/U211PHAT01	Offered by the Department of Commerce/Physics	4	3	EXT	25	75	100
	III	First Allied Practical	U212CHAP01/U212PHAP01	<b>Practical:</b> Offered by the Department of Commerce/Physics	2*	-	-	-	-	-
	IV	VBE	U211XXVE01	Value Based Education	2	2	EXT	25	75	100
<b>Total</b>					<b>30</b>	<b>21</b>				<b>600</b>

\* Practical Examinations will be conducted at the end of the II Semester

SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT /EX T	CIA	SE	TOT
II	I	Language - II	U212XXLT02,U212XXLH02, U212XXLS02 U212XXT02(TANSCHE) U212XXHG02(TANSCHE) U212XXSG02(TANSCHE)	Course - II	6	3	EXT	25	75	100
	II	English - II	U212XXEE02 U212XXEG02(TANSCHE)	Course - II	6	3	EXT	25	75	100
	III	Core Course - III	U212MAMT03	Analytical geometry of three dimensions	5	5	EXT	25	75	100
	III	Core Course - IV	U212MAMT04	Numerical Methods	5	5	EXT	25	75	100
	III	First Allied Course - II	U212CMAT03/U212PHAT03	Offered by the Department of Commerce/Physics	4	3	EXT	25	75	100
	III	First Allied Practical	U212CHAP01/U212PHAP01	<b>Practical:</b> Offered by the Department of Commerce/Physics	2	3	INT	40	60	100
	IV	EVS	U212XES01	Environmental Studies	2	2	EXT	25	75	100
<b>TOTAL</b>					<b>30</b>	<b>24</b>				<b>700</b>

SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT /EX T	CIA	SE	TOT
	I	Language - III	U213XXLT03,U213XXLH03, U213XXLS03	Course - III	6	3	EXT	25	75	100
	II	English - III	U213XXEE03	Course - III	6	3	EXT	25	75	100
	III	Core Course - V	U213MAMT05	Modern Algebra-I	5	5	EXT	25	75	100
	III	Core Course - VI	U213MAMT06	Programming in C	5	5	EXT	25	75	100
	III	Second Allied Course-I	U213MAAT11	Mathematical Statistics-I	4	3	EXT	25	75	100

III	IV	NME - I	U213BYNE01,U213CHNE01U213CMNE01 U213CSNE01, U213ECNE01 U213ENNE01, U213HYNE01 U213HSNE01, U213MUNP01, U213NDNE01 U213TANE02:1, U213ZYNE01	Offered by other Departments	2	2	EXT	25	75	100
	IV	SBE - I	U213MASE01:1/ U213MASE01:2	Combinatorics/Design and Analysis of Algorithm	2	2	EXT	25	75	100
	<b>TOTAL</b>				<b>30</b>	<b>23</b>				<b>700</b>

SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/EXT	CIA	SE	TOT
IV	I	Language - IV	U214XXLT04,U214XXLH04 U214XXLS04	Course - IV	6	3	EXT	25	75	100
	II	English - IV	U214XXEE05	Course - IV	6	3	EXT	25	75	100
	III	Core Course -VII	U214MAMT07	Modern Algebra - II	6	5	EXT	25	75	100
	III	Second Allied Course - II	U214MAAT14	Mathematical Statistics - II	4+2	3	EXT	25	75	100
	III	Second Allied Practical	U214MAAP05	<b>Practical:</b> Excel Lab for Mathematical Statistics	2	3	INT	40	60	100
	IV	NME -II	U214BYNE02, U214CHNE02 U214CMNE02, U214CSNE02 U214ECNE02, U214ENNE02 U214HYNE02,U214HSNE02 U214MUNE02,U214NDNE02 U214TANE01:2, U214ZYNE02	Offered by other Departments	2	2	EXT	25	75	100
	IV	SBE - II	U214MASE02:1	Financial Mathematics	2	2	EXT	25	75	100
<b>TOTAL</b>				<b>30</b>	<b>21</b>				<b>700</b>	

SEM	PART	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/EXT	CIA	SE	TOT
V	III	Core Course - VIII	U215MAMT08	Real Analysis - I	5+2	5	EXT	25	75	100
	III	Core Course - IX	U215MAMT09	Statics	5+2	5	EXT	25	75	100
	III	Core Course - X	U215MAMT10	Differential Equations and Fourier Transforms	5+2	5	EXT	25	75	100
	III	MBE - I	U215MAME01:1	Graph Theory	5	4	EXT	25	75	100
	IV	SBE - III	U215MASP03:1	<b>Practical:</b> MAT LAB	2	2	INT	40	60	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	COURSECODE	COURSE TITLE	HRS	CRD	INT/EXT	CIA	SE	T O T
VI	III	Core Course - XI	U216MAMT11	Real Analysis – II	6	5	EXT	25	75	100
	III	Core Course - XII	U216MAMT12	Complex Analysis	5	5	EXT	25	75	100
	III	Core Course - XIII	U216MAMT13	Dynamics	5	5	EXT	25	75	100
	III	MBE - II	U216MAME02:1	Operations Research	5	4	EXT	25	75	100
	III	MBE - III	U216MAME03:1	Number Theory	5	4	EXT	25	75	100
	III	Project	U216MAPJ01	Group Project	3	3	EXT	-	-	100
	V	GS	U216XXGS01	Gender Studies	1	1	INT	25	75	100
	V	Extension		Extension Activity	-	1	INT	-	-	100
<b>Total</b>					<b>30</b>	<b>28</b>				<b>800</b>
<b>Grand Total</b>					<b>180</b>	<b>140</b>				<b>4100</b>