



SEETHALAKSHMI RAMASWAMI COLLEGE

(Autonomous)

Affiliated to Bharathidasan University

Tiruchirappalli

Accredited with A+ by NAAC (4th Cycle)



CBCS - OBE Curriculum Structure

(For Students admitted from 2024 onwards)

SEM	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/EXT	CIA	SE	TOTAL
I	Core course-I		Linear Algebra	6	5	EXT	25	75	100
	Core course-II		Real Analysis	6	5	EXT	25	75	100
	Core course-III		Ordinary Differential equations	6	4	EXT	25	75	100
	Core course-IV		Graph Theory	6	5	EXT	25	75	100
	MBE-I		Optimization Techniques/Theory of Automata	6	4	EXT	25	75	100
			Total credits and marks	30	23				500

II	Core course-V		Topology	6	5	EXT	25	75	100
	Core course-VI		Complex Analysis	6	5	EXT	25	75	100
	MBE-II		Differential Geometry/Fuzzy Mathematics	6	4	EXT	25	75	100
	Core Practical		Core Practical : Object Oriented Programming in C++	6	4	EXT	40	60	100
	NME		OFFERED BY OTHER DEPARTMENTS	6	4	EXT	25	75	100
			Total credits and marks	30	22				500
	EXTRA CREDIT COURSE		Extension Activity (during I Semester vacation- Report,Photo & Feedback from beneficiaries)		1	INT			100
	EXTRA CREDIT COURSE		Internship-I (during I Semester vacation) online/offline certificate,Report & Photo		2	INT			100



SEETHALAKSHMI RAMASWAMI COLLEGE

(Autonomous)

Affiliated to Bharathidasan University

Tiruchirappalli

Accredited with A+ by NAAC (4th Cycle)



M.Sc., MATHEMATICS

Revised CBSE-OBE-BASED Curriculum Structure

(For students admitted from 2021 onwards)

SEM	COURSE	COURSE CODE	COURSE TITLE	HRS	CRD	INT/ EXT	CIA	SE	TOTAL
III	Core Course - VII		Abstract Algebra	6	5	EXT	25	75	100
	Core Course - VIII		Measure and Integration	6	5	EXT	25	75	100
	Core Course - IX		Stochastic Processes	6	5	EXT	25	75	100
	Core Course - X		Ordinary Differential equations	6	4	EXT	25	75	100
	MBE - III		Mechanics	6	4	EXT	25	75	100
			TOTAL	30	23	-	-	-	500
IV	Core Course - XI		Functional Analysis	6	5	EXT	25	75	100
	Core Course -XII		Fluid Dynamics	6	5	EXT	25	75	100
	Core Course - XIII		Partial Differential Equations	6	4	EXT	25	75	100
	MBE - IV		Calculus of Variations and Integral Equations	6	4	EXT	25	75	100
	Project			6	4	EXT	-	-	100
			TOTAL	30	22	-	-	-	500