

K. N. Govt. Arts College for Women (Autonomous), Thanjavur - 7.

B.Sc. Mathematics Batch I - CBCS

(Course Structure for Students admitted from 2015 onwards)

Sem.	Part	Course	Sub. Code	Title of the Course	Inst. Hours	Credits	Exam. Hrs.	IA	EE	Total
I	I	LC - I	15K1T1	செய்யுள் (இக்கால இலக்கியம்), சிறுகதை, இலக்கிய வரலாறு, பயன்முறைத்தமிழ்	6	3	3	25	75	100
	II	ELC - I	15K1E1	English for Communication - I	6	3	3	25	75	100
	III	CC - I	15K1M01	Differential calculus and Trigonometry	5	5	3	25	75	100
		CC - II		Analytical Geometry of 3 - Dimensions and Integral Calculus	3					
		AC - I	15K1MAP1	Allied Physics - I	5	4	3	25	75	100
		AC - II		Allied Physics Practical	3					
	IV	ES	15K1ES	Environmental Studies	2	2	3	25	75	100
				Total	30	17		##	375	500
II	I	LC - II	15K2T2	செய்யுள் (இடைக்கால இலக்கியம்), புதினம், தமிழில் பிறசொற் கலப்பு, இலக்கிய வரலாறு	6	3	3	25	75	100
	II	ELC - II	15K2E2	English for Communication - II	6	3	3	25	75	100
	III	CC - II	15K2M02	Analytical Geometry of 3 - Dimensions and Integral Calculus	(3)+3	5	3	25	75	100
		CC - III	15K2M03	Algebra and Theory of Numbers	4	4	3	25	75	100
		AC - II	15K2MAP2P	Allied Physics Practicals	3 OR 2	3	3	40	60	100
		AC - III	15K2MAP3	Allied Physics - III	4 OR 5	3	3	25	75	100
	IV	NME - I	15K2MELO1	Operations Research - I	2	2	3	25	75	100
		VE	15K2VE	Value Education	2	2	3	25	75	100
			Total	30	25		##	585	800	
III	I	LC - III	15K3T3	செய்யுள் (காப்பியங்கள்), உரைநடை, அலுவல்முறை மடல்கள், இலக்கிய வரலாறு	6	3	3	25	75	100
	II	ELC - III	15K3E3	English for Communication - III	6	3	3	25	75	100
	III	CC - IV	15K3M04	Vector Analysis and Fourier Series	4	4	3	25	75	100
		CC - V	15K3M05	Operations Research	3	3	3	25	75	100
		CC - VI		Differential Equations and Transforms	3					
		AC - IV	15K3MAS1	Mathematical Statistics - I	5	4	3	25	75	100
	AC - V		Mathematical Statistics - II (Practical)	3						
		Self Study Course	15K3SSM1	Quantitative Aptitude - I		5	3			100
			Total	30	17		##	375	500	

Sem.	Part	Course	Sub. Code	Title of the Course	Inst, Hours	Credits	Exam. Hrs.	IA	EE	Total
IV	I	LC - IV	15K4T4	செய்யுள் (சங்க இலக்கியம், நீதி இலக்கியம்) நாடகம், இலக்கிய வரலாறு, பொதுக்கட்டுரை	6	3	3	25	75	100
	II	ELC - IV	15K4E4	English for Communication - IV	6	3	3	25	75	100
	III	CC - VI	15K4M06	Differential Equations and Transforms	(3)+3	6	3	25	75	100
		CC - VII	15K4M07	Sequences and Series	6	4	3	25	75	100
		AC - V	15K4MAS2P	Mathematical Statistics - II (Practical)	3	3	3	40	60	100
		AC - VI	15K4MAS3	Mathematical Statistics - III	4	3	3	25	75	100
	IV	Skill Based Elective I	15K4SBEC1	Life Skills	2	4	3	25	75	100
			15K4EA	Extension Activities		1				
		Self Study Course	15K4SSM2	Quantitative Aptitude - II		5	3			100
			Total	30	27		##	510	700	
V	III	CC - VIII	15K5M08	Abstract Algebra	6	4	3	25	75	100
		CC - IX	15K5M09	Real Analysis	7	5	3	25	75	100
		CC - X	15K5M10	Statics	6	5	3	25	75	100
		MBE - I	15K5MELM1	Programming in C	5	5	3	25	75	100
	IV	NME - II	15K5MELO2	Operations Research II	2	2	3	25	75	100
		Skill Based Elective II	15K5SBEC2	Soft Skills	2	4	3	25	75	100
		Skill Based Elective III	15K5SBEC3	Communication and Career Development	2	4	3	25	75	100
			Total	30	29		##	525	700	
VI	III	CC - XI	15K6M11	Graph Theory	6	5	3	25	75	100
		CC - XII	15K6M12	Complex Analysis	7	5	3	25	75	100
		CC - XIII	15K6M13	Dynamics	7	5	3	25	75	100
		MBE - II	15K6MELM2	Stochastic Processes	5	5	3	25	75	100
		MBE - III	15K6MELM3	Numerical Methods	4	4	3	25	75	100
	V	GS	15K6GS	Gender Studies	1	1	3	25	75	100
			Total	30	25		##	450	600	
			Grand Total	180	140				3800	

K. N. Govt. Arts College for Women (Autonomous), Thanjavur - 7.

B.Sc. Mathematics Batch II - CBCS

(Course Structure for Students admitted from 2015 onwards)

Sem.	Part	Course	Sub. Code	Title of the Course	Inst. Hours	Credits	Exam. Hrs.	IA	EE	Total
I	I	LC - I	15K1T1	செய்யுள் (இக்கால இலக்கியம்), சிறகதை, இலக்கிய வரலாறு, பயன்முறைத்தமிழ்	6	3	3	25	75	100
	II	ELC - I	15K1E1	English for Communication - I	6	3	3	25	75	100
	III	CC - I	15K1M01	Differential Calculus and Trigonometry	5	5	3	25	75	100
		CC - II		Analytical Geometry of 3 - Dimensions and Integral Calculus	3					
		AC - I	15K1MAP1	Allied Physics - I	5	4	3	25	75	100
		AC - II		Allied Physics Practical	3					
	IV	ES	15K1ES	Environmental Studies	2	2	3	25	75	100
			Total	30	17	##	375	500		
II	I	LC - II	15K2T2	செய்யுள் (இடைக்கால இலக்கியம்), புதினம், தமிழில் பிறசொற் கலப்பு, இலக்கியவரலாறு	6	3	3	25	75	100
	II	ELC - II	15K2E2	English For Communication - II	6	3	3	25	75	100
	III	CC - II	15K2M02	Analytical Geometry of 3 - Dimensions And Integral Calculus	(3)+3	5	3	25	75	100
		CC - III	15K2M03	Algebra and Theory of Numbers	4	4	3	25	75	100
		AC - II	15K2MAP2P	Allied Physics Practical	3 OR 2	3	3	40	60	100
		AC - III	15K2MAP3	Allied Physics - III	4 OR 5	3	3	25	75	100
	IV	NME - I	15K2MELO1	Operations Research - I	2	2	3	25	75	100
		VE	15K2VE	Value Education	2	2	3	25	75	100
			Total	30	25	##	585	800		
III	I	LC - III	15K3T3	செய்யுள் (காப்பியங்கள்), உரைநடை, அலுவல்முறை மடல்கள், இலக்கியவரலாறு	6	3	3	25	75	100
	II	ELC - III	15K3E3	English for Communication - III	6	3	3	25	75	100
	III	CC - IV	15K3M04	Vector Analysis and Fourier Series	4	4	3	25	75	100
		CC - V	15K3M05	Operations Research	3	3	3	25	75	100
		CC - VI		Differential Equations and Transforms	3					
		AC - IV	15K3MACS1	Programming with C++	5	4	3	25	75	100
		AC - V		C++ and Java Programming Lab	3					
		Self Study Course	15K3SSM1	Quantitative Aptitude - I		5	3			
			Total	30	17	##	375	500		

Sem.	Part	Course	Sub. Code	Title of the Course	Inst, Hours	Credits	Exam. Hrs.	IA	EE	Total
IV	I	LC - IV	15K4T4	செய்யுள் (சங்க இலக்கியம், நீதி இலக்கியம்) நாடகம், இலக்கிய வரலாறு, பொதுக்கட்டுரை	6	3	3	25	75	100
	II	ELC - IV	15K4E4	English for Communication - IV	6	3	3	25	75	100
	III	CC - VI	15K4M06	Differential Equations and Transforms	(3)+3	6	3	25	75	100
		CC - VII	15K4M07	Sequences and Series	6	4	3	25	75	100
		AC - V	15K4MACS2P	C++ and Java Programming Lab	2	3	3	40	60	100
		AC - VI	15K4MACS3	Programming with Java	5	3	3	25	75	100
	IV	Skill Based Elective I	15K4SBEC1	Life Skills	2	4	3	25	75	100
			15K4EA	Extension Activities		1				
		Self Study Course	15K4SSM2	Quantitative Aptitude - II		5	3			100
			Total	30	27		##	510	700	
V	III	CC - VIII	15K5M08	Abstract Algebra	6	4	3	25	75	100
		CC - IX	15K5M09	Real Analysis	7	5	3	25	75	100
		CC - X	15K5M10	Statics	6	5	3	25	75	100
		MBE - I	15K5MELM1S	Probability and Statistics	5	5	3	25	75	100
	IV	NME - II	15K5MELO2	Operations Research II	2	2	3	25	75	100
		Skill Based Elective II	15K5SBEC2	Soft Skills	2	4	3	25	75	100
		Skill Based Elective III	15K5SBEC3	Communication and Career Development	2	4	3	25	75	100
				Total	30	29		##	525	700
VI	III	CC - XI	15K6M11	Graph Theory	6	5	3	25	75	100
		CC - XII	15K6M12	Complex Analysis	7	5	3	25	75	100
		CC - XIII	15K6M13	Dynamics	7	5	3	25	75	100
		MBE - II	15K6MELM2	Stochastic Processes	5	5	3	25	75	100
		MBE - III	15K6MELM3	Numerical Methods	4	4	3	25	75	100
	V	GS	15K6GS	Gender Studies	1	1	3	25	75	100
				Total	30	25		##	450	600
			Grand Total	180	140				3800	

K. N. Govt. Arts College for Women (Autonomous), Thanjavur - 7.

B.Sc. Mathematics Batch III - CBCS

(Course Structure for Students admitted from 2015 onwards)

Sem.	Part	Course	Sub. Code	Title of the Course	Inst. Hours	Credits	Exam. Hrs.	IA	EE	Total
I	I	LC - I	15K1T1	செய்யுள் (இக்கால இலக்கியம்), சிறுகதை, இலக்கிய வரலாறு, பயன்முறைத்தமிழ்	6	3	3	25	75	100
	II	ELC - I	15K1E1	English for Communication - I	6	3	3	25	75	100
	III	CC - I	15K1M01	Differential Calculus and Trigonometry	5	5	3	25	75	100
		CC - II		Analytical Geometry of 3 - Dimensions And Integral Calculus	3					
		AC - I	15K1MAM1	Numerical Methods I	5	4	3	25	75	100
		AC - II		Numerical Methods II Practicals	3					
	IV	ES	15K1ES	Environmental Studies	2	2	3	25	75	100
			Total	30	17		##	375	500	
II	I	LC - II	15K2T2	செய்யுள் (இடைக்கால இலக்கியம்), புதினம், தமிழில் பிறசொற் கலப்பு, இலக்கியவரலாறு	6	3	3	25	75	100
	II	ELC - II	15K2E2	English for Communication - II	6	3	3	25	75	100
	III	CC - II	15K2M02	Analytical Geometry of 3 - Dimensions And Integral Calculus	(3)+3	5	3	25	75	100
		CC - III	15K2M03	Algebra and Theory of Numbers	4	4	3	25	75	100
		AC - II	15K2MAM2P	Numerical Methods II Practicals	3	3	3	40	60	100
		AC - III	15K2MAM3	Numerical Methods III	4	3	3	25	75	100
	IV	NME - I	15K2MELO1	Operations Research - I	2	2	3	25	75	100
		VE	15K2VE	Value Education	2	2	3	25	75	100
			Total	30	25		##	585	800	
III	I	LC - III	15K3T3	செய்யுள் (காப்பியங்கள்), உரைநடை, அலுவல்முறை மடல்கள், இலக்கியவரலாறு	6	3	3	25	75	100
	II	ELC - III	15K3E3	English for Communication - III	6	3	3	25	75	100
	III	CC - IV	15K3M04	Vector Analysis and Fourier Series	4	4	3	25	75	100
		CC - V	15K3M05	Operations Research	3	3	3	25	75	100
		CC - VI		Differential Equations and Transforms	3					
		AC - IV	15K3MACS1	Programming with C++	5	4	3	25	75	100
	AC - V		C++ and Java Programming Lab	3						
		Self Study Course	15K3SSM1	Quantitative Aptitude - I		5	3			
			Total	30	17		##	375	500	

Sem.	Part	Course	Sub. Code	Title of the Course	Inst, Hours	Credits	Exam. Hrs.	IA	EE	Total
IV	I	LC - IV	15K4T4	செய்யுள் (சங்க இலக்கியம், நீதி இலக்கியம்) நாடகம், இலக்கிய வரலாறு, பொதுக்கட்டுரை	6	3	3	25	75	100
	II	ELC - IV	15K4E4	English for Communication - IV	6	3	3	25	75	100
	III	CC - VI	15K4M06	Differential Equations and Transforms	(3)+3	6	3	25	75	100
		CC - VII	15K4M07	Sequences and Series	6	4	3	25	75	100
		AC - V	15K4MASC2P	C++ and Java Programming Lab	2	3	3	40	60	100
		AC - VI	15K4MACS3	Programming with Java	5	3	3	25	75	100
	IV	Skill Based Elective I	15K4SBEC1	Life Skills	2	4	3	25	75	100
			15K4EA	Extension Activities		1				
		Self Study Course	15K4SSM2	Quantitative Aptitude - II		5	3			100
			Total	30	27		##	510	700	
V	III	CC - VIII	15K5M08	Abstract Algebra	6	4	3	25	75	100
		CC - IX	15K5M09	Real Analysis	7	5	3	25	75	100
		CC - X	15K5M10	Statics	6	5	3	25	75	100
		MBE - I	15K5MELM1S	Probability and Statistics	5	5	3	25	75	100
	IV	NME - II	15K5MELO2	Operations Research II	2	2	3	25	75	100
		Skill Based Elective II	15K5SBEC2	Soft Skills	2	4	3	25	75	100
		Skill Based Elective III	15K5SBEC3	Communication and Career Development	2	4	3	25	75	100
				Total	30	29		##	525	700
VI	III	CC - XI	15K6M11	Graph Theory	6	5	3	25	75	100
		CC - XII	15K6M12	Complex Analysis	7	5	3	25	75	100
		CC - XIII	15K6M13	Dynamics	7	5	3	25	75	100
		MBE - II	15K6MELM2	Stochastic Processes	5	5	3	25	75	100
		MBE - III	15K6MELM3S	Discrete Mathematics	4	4	3	25	75	100
	V	GS	15K6GS	Gender Studies	1	1	3	25	75	100
				Total	30	25		##	450	600
			Grand Total	180	140				3800	