

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

B.Sc. Physics - 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	15K1P01	Properties of Matter and Sound	5	5	3	25	75	100
		CC - II		Physics Practical - I	3					
		AC - I	15K1CH/PAM1	Calculus and Vector Calculus	5	4	3	25	75	100
		AC - II		Algebra, Analytical Geometry (3D) & Trigonometry	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	15K2P02P	Physics Practical - I	(3)+3	5	3	40	60	100
		CC - III	15K2P03	Mechanics and Relativity	4	4	3	25	75	100
		AC - II	15K2CH/PAM2	Algebra, Analytical Geometry (3D) & Trigonometry	(3)+3	3	3	25	75	100
		AC - III	15K2CH/PAM3	Differential Equations and Transforms	4	3	3	25	75	100
	IV	NME - I	15K2PELO1	Laser Physics	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	15K3P04	Thermal and Statistical Physics	4	4	3	25	75	100
		CC - V	15K3P05	Optics and Laser Physics	3	3	3	25	75	100
		CC - VI		Physics Practical - II	3					
		AC - IV	15K3B/P/ZACH1	Allied Chemistry - I	5	4	3	25	75	100
	AC - V		Allied Chemistry - II Practical	3						
		Self Study Course	15K3SSP1	Domestic Skills Management		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	15K4P06P	Physics Practical - II	(3)+3	5	3	40	60	100
		CC - VII	15K4P07	Electricity and Magnetism	6	5	3	25	75	100
		AC - V	15K4B/P/ZACH2P	Allied Chemistry - II Practical	(3)+3	3	3	40	60	100
		AC - VI	15K4B/P/ZACH3	Allied Chemistry - III	4	3	3	25	75	100
	IV	Skill Based Elective I	15K4SBEC1	Life Skills	2	4	3	25	75	100
	V		15K4EA	Extension Activities		1				
		Self Study Course	15K4SSP2	Communication Systems		5	3			100
				Total	30	27		##	495	700
V	III	CC - VIII	15K5P08	Wave Mechanics and Nuclear Physics	7	5	3	25	75	100
		CC - IX	15K5P09	Analog Electronics	6	4	3	25	75	100
		CC - X		Physics Practical - III	3					
		CC - XI		Physics Practical - IV	3					
		MBE - I	15K5PELP1	Numerical Methods	5	5	3	25	75	100
	IV	NME - II	15K5PELO2	Solar Energy	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	24		##	450	600
	VI	III	CC - X	15K6P10P	Physics Practical - III	(3)+3	5	3	40	60
CC - XI			15K6P11P	Physics Practical - IV	(3)+3	5	3	40	60	100
CC - XII			15K6P12	Programming in C	7	5	3	25	75	100
CC - XIII			15K6P13	Digital Electronics and Microprocessor	7	5	3	25	75	100
MBE - II			15K6PELP2	Atomic and Solid State Physics	5	5	3	25	75	100
MBE - III			15K6PELP3	Advanced Physics	4	4	3	25	75	100
V		GS	15K6GS	Gender Studies	1	1	3	25	75	100
				Total	30	30		##	495	700
			Grand Total	180	140				3800	