	DHANALAKSHMI SRINIVASAN **COLLEGE OF ARTS AND SCIENCE FOR WOMEN** **(AUTONOMOUS)** (Affiliated to Bharathidasan University, Tiruchirappalli) (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	
NAAC	**CRITERIA – I**	**METRIC 1.1.3**

UG CURRICULUM FROM 2021 ONWARDS

B.Sc., BIOCHEMISTRY

Year/ Sem	Part	Course	Course title	Course code	Ins. Prd/ Week	Credit	Exam Hrs	Marks		Total
								IA	UE	
I Year I Sem	I	Language Course - I	Cheyyul (IkkalaIlakiyam), Sirukathai, Ilakkiyavaralaru/ Hindi/French/ Arabic/Sanskrit	21U1LT1/ 21U1LH1/ 21U1LF1/ 21U1LA1/ 21U1LS1	6	3	3	25	75	100
	II	English Language Course-I	English for communication -I	21U1EL1	6	3	3	25	75	100
	III	Core Course-I	Biomolecules	21UBC1C1	6	5	3	25	75	100
		Core Practical- II	Lab in Biomolecules	21UBC1C2P	4	3	3	40	60	100
		Allied course-I	Inorganic, Organic and	21UBC1A1	3	3	3	25	75	100
		Allied Practical- II	Labin Volumetric and organic qualitative analysis	21UBC1A2P	3	-	-	-	-	-
	IV	Environmental	Environmentalstudies	21U1EVS	2	2	3	25	75	100
TOTAL					**30**	**19**	**-**	**-**	**-**	**600**

Note:

Employability **Entrepreneurship** **Skill Development**

I Year/ II Sem	I	Language Course - II	Cheyyul (idaikalailakiyam) Pudhinam Hindi French Arabic Sanskrit	21U1LT2/ 21U1LH2/ 21U1LF2/ 21U1LA2/ 21U1LS2	6	3	3	25	75	100
	II	English Language Course-II	English for communication -II	21U1EL2	6	3	3	25	75	100
	III	Core Course-III	Human Physiology	21UBC2C3	6	3	3	25	75	100
		Core Practical- IV	Lab in Human Physiology	21UBC2C4P	4	3	3	40	60	100
		Allied Practical- II	Lab in volumetric and organic qualitative analysis	21UBC1A2P	3	3	3	40	60	100
		Allied Practical- III	Inorganic, organic and physical chemistry-II	21UBC2A3	3	3	3	25	75	100
	IV	Value Education	Value Education	21U2VED	2	2	3	25	75	100
TOTAL					**30**	**22**	**-**	**-**	**-**	**700**
II Year/ III Sem	I	English Language Course-III	Cheyyul (Kappiyangal) Urainadaialuuvalmura imadalgalillakiya Varalaru/Hindi French/Arabic Sanskrit	21U1LT3/ 21U1LH3/ 21U1LF3/ 21U1LA3/ 21U1LS3	6	3	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

	II	English Language Course-III	Eenglish through literature-1	21U3EL3	6	3	3	25	75	100
	III	Core Course-V	Biochemical techniques	21UBC3C5	6	3	3	25	75	100
		Core Practical- VI	Lab in biochemical techniques	21UBC3C6P	4	3	3	40	60	100
		Allied Course - IV	Microbiology-I	21UBC3A4	3	3	3	25	75	100
		Allied Practical- V	Lab in Microbiology	21UBC3A5P	3	-	-	-	-	-
	IV	Non Major Elective	Health and nutrition Nutrition for women nanomedicine	21UBC3N1A 21UBC3N1B 21UBC3N1C	2	2	3	25	75	100
TOTAL					**20**	**20**	**-**	**-**	**-**	**600**
II Year/ IV Sem		Language Course-IV	Cheyyul (Sangailakiyam, Needhi ilakiyam)nadagam, ilakiyavaralaru, pothukatturai Hindi,French Arabic,Sanskrit	21U4LT4 21U4LH4 21U4LF4 21U4LA4 21U4LS4	6	3	3	25	75	100
		English Language Course-IV	English competitive examination	21U4EL4	6	3	3	25	75	100
		Core Course-VII	Enzyme	21UBC4C7	6	6	3	25	75	100
		Core Practical-VIII	LabinEnzymesAnalysis	21UBC4C8P	4	3	3	40	60	100
		Allied Practical-V	LabinMicrobiology	21UBC3A5P	3	3	3	40	60	100
		Allied	Microbiology-II	21UBC4A6	3	3	3	25	75	100
		Non Major Elective	ForensicScience Biochemistry inNutrition	21UBC4N2A 21UBC4N2B	2	2	3	25	75	100
		Elective-II	HealthandDisease	21UBC4N2C						

Note:

Employability **Entrepreneurship** **Skill Development**

TOTAL					**30**	**23**	**-**	**-**	**-**	**700**
III Year/ V Sem	III	CoreCourse-IX	Bioenergeticsand	21UBC5C9	6	6	3	25	75	100
		CoreCourse-X	Genetics & Computational Biology	21UBC5C10	5	5	3	25	75	100
		CoreCourse-XI	Cell&MolecularBiology	21UBC5C11	5	5	3	25	75	100
		Core Practical -XII	Lab In Cell &Molecular Biology	21UBC5C12P	4	3	3	40	60	100
		Major Based Elective-I	Plan biochemistry Neurobiology Drug biology	21UBC5M1A 21UBC5M1B 21UBC5M1C	4	4	3	25	75	100
	IV	Skill Based Elective - I	Tools Of Biochemistry	21UBC5S1A	2	2	3	25	75	100
			Herbs And Drug Action	21UBC5S1B						
			Ethnomedicine	21UBC5S1C						
		Skill Based Elective - II	Nanotechnology	21UBC5S2A	2	2	3	25	75	100
			Pharmocognosy	21UBC5S2B						
			Cardiovascular biology	21UBC5S2C						
		Soft Skill Development	Soft skill development	21U5SS	2	2	3	25	75	100
TOTAL					**30**	**29**	**-**	**-**	**-**	**800**
III Year/ VI Sem	III	CoreCourse-XIII	ClinicalBiochemistry	21UBC6C13	6	6	3	25	75	100
		CoreCourse-XIV	Immunology	21UBC6C14	6	6	3	25	75	100
		Core Practical - XV	Lab In Clinical Biochemistry	21UBC6C15P	6	5	3	40	60	100
		Major Based Elective- II	Pharmaceutical Biochemistry	21UBC6M2A	6	4	3	25	75	100
			Cancer Biology	21UBC6M2B						
			Biomedical Instrumentation	21UBC6M2C						
		Major Based	Advanced	21UBC6M3A						

Note:

Employability **Entrepreneurship** **Skill Development**

		Elective- III	Endocrinology		5	4	3	25	75	100
			Nutrition biochemistry	21UBC6M3B						
			Fundamentals of genetics	21UBC6M3C						
	IV	Gender Studies	Gender Studies	21U6GS	1	1	3	25	75	100
	V	Extension Activity	Extension Activity		-	1	-	-	-	-
TOTAL				**30**	**27**				**600**	**30**
GRAND TOTAL				**180**	**140**				**4000**	**180**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE
OF ARTS AND SCIENCE FOR WOMEN
(AUTONOMOUS),
PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

B.Sc., BIOTECHNOLOGY

Year/ Sem	Part	Course	Course title	Course code	Ins. Prd/Week	Credit	Exam Hrs	Marks		Total
								IA	UE	
I Year/ I Sem	I	Language Course - I	Cheyyul (IkkalaIlakiyam), Sirukathai, Ilakkiyavaralaru/ Hindi/French/ Arabic/Sanskrit	21U1LT1/ 21U1LH1/ 21U1LF1/ 21U1LA1/ 21U1LS1	6	3	3	25	75	100
	II	English Language Course - I	English for Communication - I	21U1EL1	6	3	3	25	75	100
	III	Core Course - I	Cell biology	21UBT1C1	6	6	3	25	75	100
		Core Course - II	Lab in cell biology	21UBT1C2P	4	3	3	40	60	100
		Allied course - I	Biochemistry	21UBT1A1	3	4	3	25	75	100
		Allied course -II	Lab in Biochemistry andImmunology	21UBT1A2P	3	-	-	-	-	-
	IV	Environmental studies	Environmental studies	21U1EVS	2	2	3	25	75	100
	TOTAL				**30**	**21**				**600**
I Year/ II Sem	I	Language Course-II	Cheyyul (Idikkalailakiyam),Puthinam/ Hindi/French/ Arabic/Sanskrit	21U2LT2/ 21U2LH2/ 21U2LF2/ 21U2LA2/ 21U2LS2	6	3	3	25	75	100
	II	English Language Course - II	English for Communication - II	21U2EL2	6	3	3	25	75	100
	III	Core Course - III	Microbiology	21UBT2C3	6	5	3	25	75	100
		Core Course - IV	Lab in Microbiology	21UBT2C4P	4	3	3	40	60	100
		Allied course - II	Lab in Biochemistry and Immunology	21UBT1A2P	3	3	3	40	60	100

Note:

Employability **Entrepreneurship** **Skill Development**

		Allied course - III	Immunology	21UBT2A3	3	3	3	25	75	100
	IV	Value education	Value education	21U2VED	2	2	3	25	75	100
		TOTAL			**30**	**22**				**700**
II Year/ III Sem	I	Language Course - III	Cheyyul (IdaikkalaIlakkiyam) Urainadai, uvalmuraimadalgal, Ilakkiyavaralaru/ Hindi/French/ Arabic, Sanskrit	21U3LT3/ 21U3LH3/ 21U3LF3/ 21U3LA3/ 21U3LS3	6	3	3	25	75	100
	II	English Course - III	English through literature	21U3EL3	6	3	3	25	75	100
	III	Core Course-V	Principles of Genetics Molecular Biology	21UBT3C5	6	5	3	25	75	100
		Core Course -VI	Lab in Genetics and Molecular biology	21UBT3C6P	4	3	3	40	60	100
		Allied course - IV	Basics of Bioinformatics	21UBT3A4	3	3	3	25	75	100
		Allied lab - V	Lab in Bioinformatics Biostatistics	21UBT3A5P	3	-	-	-	-	-
	IV	Non Major Elective - I	A)Basics of Biotechnology	21UBT3N1A	2	2	3	25	75	100
			B) Health care Biotechnology	21UBT3N1B						
			C) Process Instrumentation Dynamic And control	21UBT3N1C						

Note:

Employability **Entrepreneurship** **Skill Development**

	TOTAL				**30**	**19**				**600**
II Year/ IV Sem	I	Language Course - IV	Cheyyul (Palanthami Ilakkiyam, Nadagam) Hindi/French/Arabic/ Sanskrit	21U4LT4/ 21U4LH4/ 21U4LF4/ 21U4LA4/ 21U4LS4	6	3	3	25	75	100
	II	English Language Course - IV	English for competitive exam	21U4EL4	6	3	3	25	75	100
	III	Core Course - VII	Recombinant DNA technology	21UBT4C7	6	6	3	25	75	100
		Core Course - VIII	Lab in Recombinant DNA technology	21UBT4C8P	4	3	3	40	60	100
		Allied course - V	Lab in Bioinformatic Biostatistics	21UBT3A5P	3	3	3	40	60	100
		Allied course - VI	Biostatistics	21UBT4A6	3	2	3	25	75	100
	IV	Non Major Elective - II	A) Agricultural Biotechnology	21UBT4N2A	2	2	3	25	75	100
			B) Solid Waste Management	21UBT4N2B						
			C)Industrial waste Management.	21UBT4N2C						
	TOTAL				**30**	**22**				**700**
	III	Core Course - IX	Forensic Biotechnology	21UBT5C9	6	6	3	25	75	100
		Core Course - X	Animal Biotechnology	21UBT5C10	6	6	3	25	75	100
		Core Course - XI	Plant Biotechnology	21UBT5C11	5	5	3	25	75	100
		Core Course - XII	Lab in FBT, ABT and PBT	21UBT5C12P	3	3	3	40	60	100
		Major Based	A) Bioinstruments	21UBT5M1A	4	4	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

III Year/ V Sem		Elective - I	B) Marine Biotechnology	21UBT5M1B						
			C) Molecular Modeling and drug design	21UBT5M1C						
		Skill based Elective – I	A) Ethonomedicine	21UBT5S1A	2	2	3	25	75	100
			B) Phytochemical Technique	21UBT5S1B						
			C) Herbs and Drug action.	21UBT5S1C						
		Skill based Elective – II	A) Pharmacognosy	21UBT5S2A	2	2	3	25	75	100
			B) Plant Hormones and Signal transduction	21UBT5S2B						
			C) Biobusiness	21UBT5S2C						
		Soft Skill development	Soft Skill development	21U5SS	2	2	3	25	75	100
	TOTAL				**30**	**30**				**800**
III Year/ VI Sem	III	Core Course - XIII	Industrial Biotechnology	21UBT6C13	6	6	3	25	75	100
		Core Course - XIV	Environmental Biotechnology	21UBT6C14	6	6	3	25	75	100
		Core Course - XV	Lab in IBT and EBT	21UBT6C15P	6	4	3	40	60	100
		Major Based Elective - II	A) Industrial Fermentation Technology	21UBT6M2A	6	4	3	25	75	100
			B) Food and beverage Fermentation technology	21UBT6M2B						
			C)Bioresources Technology	21UBT6M2C						

Note:

Employability **Entrepreneurship** **Skill Development**

		Major Based Elective - III	A) Metabolic Biotechnology	21UBT6M3A	5	4	3	25	75	100
			B) Pharmaceutical Biotechnology	21UBT6M3B						
			C)BioconjugateTechnology &Applications	21UBT6M3C						
	V	Gender studies	Gender studies	21U6GS	1	1	3	25	75	100
	V	Extension activities	Extension activities	-		1				
TOTAL					**30**	**26**				**600**
GRAND TOTAL					**180**	**140**				**4000**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE
OF ARTS AND SCIENCE FOR WOMEN
(AUTONOMOUS),
PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

	DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS) (Affiliated to Bharathidasan University, Tiruchirappalli) (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	
NAAC	**CRITERIA – I**	**METRIC 1.1.3**

B.B.A.

Year/ Sem	Year	Course	Course title	Course code	Ins. Prd/ Week	Credit	Exam Hrs	Marks		Total
								IA	UE	
I Year/ I Sem	I	Language Course - I	Cheyyul (IkkalaIlakiyam), Sirukathai, Ilakkiyavaralaru/ Hindi/French/ Arabic/Sanskrit	21U1LT1/ 21U1LH1/ 21U1LF1/ 21U1LA1/ 21U1LS1	6	3	3	25	75	100
	II	English Language Course I	English For Communication I	21U1EL1	6	3	3	25	75	100
	III	Core Course I	Business Management	21UBA1C1	5	5	3	25	75	100
		Core Course II	Financial Accounting	21UBA1C2	5	4	3	25	75	100
		Allied Course I	Business Economics	21UBA1A1	4	3	-	25	75	100
		Allied Course II	Mathematics and statistics for managers	21UBA1A2	2	-	-	-	-	-
	IV	Environmental Studies	Environmental Studies	21U1EVS	2	2	3	25	75	100
	TOTAL				**30**	**20**				**600**
I Year/ II Sem	I	Language Course II	Cheyyul (IdaikalaIlakkiyam) Puthinam/Hindi/French/ Sanskrit/ Arabic	21U2LT2/ 21U2LH2/ 21U2LF2/ 21U2LS2/ 21U2LA2	6	3	3	25	75	100
	II	English Language Course - II	English for communication II	21U2EL2	6	3	3	25	75	100
	III	Core Course - III	Organizational behavior	21UBA2C3	5	5	3	25	75	100
		Core Course - IV	Business law	21UBA2C4	5	4	3	25	75	100
		Allied Course - II	Mathematics and statistics for managers	21UBA2A2	3	4	3	25	75	100
		Allied Course - III	Apparel Export Management	21UBA2A3	3	2	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

	IV	Value Education	Value Education	21U2VED	2	2	3	25	75	100
		TOTAL			**30**	**23**				**700**
II Year/ III Sem	I	Language Course III	Cheyyul (Kappiyangal), Vurainadai, AluvalMuraiMadalgal, IlakkiyaVaralaru/Hindi/ French/ Sanskrit/Arabic	21U3LT3/ 21U3LH3/ 21U3LF3/ 21U3LS3/ 21U3LA3	6	3	3	25	75	100
	II	English Language Course III	English Through Literature	21U3EL3	6	3	3	25	75	100
	III	Core Course V	Company Law& Practices	21UBA3C5	6	5	3	25	75	100
		Core Course VI	Marketing Management	21UBA3C6	5	4	3	25	75	100
		Allied Course IV	Computer Applications In Business	21UBA3A4	3	3	3	25	75	100
		Allied Course V (Practical)	Computer Applications In Business lab	21UBA3A5P	2	-	-	-	-	-
	IV	Non Major Elective – I	**A.**Digital marketing	21UBA3N1A	2	2	3	25	75	100
			B. Banking Practices	21UBA3N1B						
			C. Introduction to office management	21UBA3N1C						
		TOTAL			**30**	**20**				**600**
II Year/ IV Sem	I	Language Course - IV	Cheyyul (SangaIlakkiyam, NeedhiIlakkiyam, Nadagam, IlakkiyaVaralaru, PodhuKatturai/Hindi/ French/ Sanskrit/Arabic	21U4LT4/ 21U4LH4/ 21U4LF4/ 21U4LS4/ 21U4LA4	6	3	3	25	75	100
	II	English Language Course IV	English For Competitive Examinations	21U4EL4	6	3	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

	III	Core CoursVII	Production Management	21UBA4C7	5	5	3	25	75	100
		Core Course VIII	Entrepreneurial Development	21UBA4C8	4	4	3	25	75	100
		Allied Course V (Practical)	Computer Applications In Business lab	21UBA3A5P	3	2	3	40	60	100
		Allied Course VI	Operation Research	21UBA4A6	4	4	3	25	75	100
	IV	Non Major Elective – II	**A.** Principles of management	21UBA4N2A	2	2	3	25	75	100
			B. Personnel management and industrial relations	21UBA4N2B						
			C. Office management tools	21UBA4N2C						
	TOTAL				**30**	**23**				**700**
III Year/ V Sem	III	Core CourseIX	Cost Accounting	21UBA5C9	5	5	3	25	75	100
		Core Course X	International Business	21UBA5C10	5	5	3	25	75	100
		Core Course XI	Business Research	21UBA5C11	5	5	3	25	75	100
		Core CourseXII	Business Communication	21UBA5C12	5	4	3	25	75	100
		Major Based Elective - I	**A.** Consumer Behavior	21UBA5M1A	4	4	3	25	75	100
			B. Sales and distribution management	21UBA5M1B						
			C. Organizational change and development	21UBA5M1C						
	IV	Skill Based Elective – I	**A**.IT Skills For Manager	21UBA5S1A	2	2	3	25	75	100
			B. Corporate Social Responsibility(CSR)	21UBA5S1B						
			C. E-Commerce	21UBA5S1C						
		Skill Based Elective – II	**A.** E-Business	21UBA5S2A	2	2	3	25	75	100
			B. Business Ethics	21UBA5S2B						
			C. Business Environment	21UBA5S2C						

Note:

Employability **Entrepreneurship** **Skill Development**

		Soft Skill Development	Soft Skill Development	21U5SS	2	2	3	25	75	100
		TOTAL			**30**	**29**				**800**
III Year/ VI Sem	III	Core Course XIII	Human Resource Management	21UBA6C13	6	5	3	25	75	100
		Core Course XIV	Financial Management	21UBA6C14	6	5	3	25	75	100
		Core Course XV	Management Information System	21UBA6C15	6	5	3	25	75	100
		Major Based Elective - II	**A.** Supply Chain Management	21UBA6M2A	6	4	3	25	75	100
			B. Service marketing	21UBA6M2B						
			C.Event management	21UBA6M2C						
		Major Based Elective - III	**A.** Financial Services	21UBA6M3A	5	4	3	25	75	100
			B.Innovative And Creativity Management	21UBA6M3B						
			C. Public Relations Management	21UBA6M3C						
	IV	Gender Studies	Gender Studies	21U6GS	1	1	3	25	75	100
	V	Extension Activities	Extension Activities		-	1	-	-	-	-
		TOTAL			**30**	**25**				**600**
		GRAND TOTAL			**180**	**140**	**-**	**1015**	**2850**	**4000**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE
OF ARTS AND SCIENCE FOR WOMEN
(AUTONOMOUS),
PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

	DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS) (Affiliated to Bharathidasan University, Tiruchirappalli) (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	
NAAC	**CRITERIA – I**	**METRIC 1.1.3**

B.Sc., CHEMISTRY

Year /sem	Part	Course	Course title	Course Code	Periods/Week	Credit	Exam Hours	Marks		Total
								Int	Ext	
I Year & I SEM	I	Language-I	Cheyyul (IkkalaIllakkiyam,) Sirukathai, IllakkiyaVaralaru / Hindi / French / Sanskrit / Arabic	21U1LT1/ 21U1LH1/ 21U1LF1/ 21U1LS1/ 21U1LA1	6	3	3	25	75	100
	II	English Language Course-I	English for Communication -I	21U1EL1	6	3	3	25	75	100
	III	Core Course-I	General Chemistry-I	21UCH1C1	6	5	3	25	75	100
	III	Core Course-II	Volumetric Analysis Practicals	21UCH1C2P	4	4	3	40	60	100
	III	Allied Course-I	Differential and Integral Calculus / Plant Biology-I	21UCH1A1A / 21UCH1A1B	4	3	3	25	75	100
	III	Allied Course-II	Analytical Geometry(3D) and Trigonometry / Plant Biology and Plant Biotechniques Practical	21UCH1A2A / 21UCH1A2BP	2	-	-	-	-	-
	IV	Environmental Studies	Environmental Studies	21U1EVS	2	2	3	25	75	100
TOTAL					**30**	**20**	**-**	**165**	**435**	**600**
I Year & II SEM	I	Language-II	Cheyyul(IdaikalaIllakkiyam), Puthinam / Hindi/ French / Sanskrit / Arabic	21U2LT2/ 21U2LH2/ 21U2LF2/ 21U2LS2/ 21U2LA2	6	3	3	25	75	100
	II	English Language Course-II	English for Communication -II	21U2EL2	6	3	3	25	75	100
	III	Core Course-III	General Chemistry-II	21UCH2C3	6	5	3	25	75	100
	III	Core Course-IV	Industrial Chemistry	21UCH2C4P	4	4	3	40	60	100

Note:

Employability **Entrepreneurship** **Skill Development**

			Practicals							
	III	Allied Course-II	Analytical Geometry (3D) and Trigonometry /Plant Biology and Plant Biotechniques Practical	21UCH1A2A 21UCH1A2BP	2	3	3	25 / 40	75 / 60	100
	III	Allied Course-III	Differential Equations , Laplace Transform and Vector Calculus / Plant Biology-II	21UCH2A3A 21UCH2A3B	4	3	3	25	75	100
	IV	Value Education	Value Education	21U2VED	2	2	3	25	75	100
TOTAL					**30**	**23**	**-**	**190 / 205**	**510 / 495**	**700**
II Year / III SEM	I	Language III	Cheyyul (Kappiyangal), Urainadai / Hindi/ French / Sanskrit/ Arabic	21U3LT3 21U3LH3 21U3LF3 21U3LS3 21U3LA3	6	3	3	25	75	100
	II	English Language Course- III	English Through Literature	21U3EL3	6	3	3	25	75	100
	III	Core Course-V	General Chemistry-III	21UCH3C5	6	6	3	25	75	100
	III	Core Course- VI	Semi Micro Analysis Practicals	21UCH3C6P	4	4	3	40	60	100
	III	Allied Course- IV	General Physics-I	21UCH3A4	3	3	3	25	75	100
	III	Allied Course-V	General Physics Practical -I	21UCH3A5P	3	-	-	-	-	-
	IV	Non Major Elective -I	A)Chemistry in Everyday Life	21UCH3N1A	2	2	3	25	75	100
			B)Agricultural Chemistry	21UCH3N1B						
			C)Health Chemistry	21UCH3N1C						
TOTAL					**30**	**21**	**-**	**165**	**435**	**600**
II Year /	I	Language- IV	PalantamilCheyulumNadakamum / Hindi / French /Arabic /	21U4LT4 21U4LH4 21U4LF4	6	3	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

IV Sem			Sanskrit	21U4LS4 21U4LA4						
	II	English Language Course- IV	English for Competitive Examination	21U4EL4	6	3	3	25	75	100
	III	Core Course-VII	General Chemistry-IV	21UCH4C7	6	5	3	25	75	100
	III	Core Course-VIII	Physical Chemistry Practicals	21UCH4C8P	4	4	3	40	60	100
	III	Allied Course-V	General Physics Practical –I	21UCH3A5P	3	3	3	40	60	100
	III	Allied Course -VI	General Physics-II	21UCH4A6	3	3	3	25	75	100
	IV	Non Major Elective -II	A) Food and Nutrition	21UCH4N1A	2	2	3	25	75	100
			B) Nanoscience and its Applications	21UCH4N1B						
			C)Chemistry for Life Science	21UCH4N1C						
TOTAL					**30**	**23**	**-**	**205**	**495**	**700**
III Year / V Sem	III	Core Course-IX	Inorganic Chemistry-I	21UCH5C9	5	5	3	25	75	100
	III	Core Course-X	Organic Chemistry-I	21UCH5C10	5	5	3	25	75	100
	III	Core Course-XI	Physical Chemistry-I	21UCH5C11	5	5	3	25	75	100
	III	Core Course - XII	Organic Qualitative Analysis Practicals	21UCH5C12P	5	4	3	40	60	100
	III	Major Based Elective -I	A)Analytical Chemistry	21UCH5M1A	4	4	3	25	75	100
			B)Material&NanoChemistry	21UCH5M1B						
			C)Importance of Bioinorganic Chemistry	21UCH5M1C						
	IV	Skill Based Elective-I	A)Fundamental Aspects of Electro analytical Techniques	21UCH5S1A	2	2	3	25	75	100
			B) Water Quality Analysis	21UCH5S1B						
			C) Medicinal	21UCH5S1C						

Note:

Employability **Entrepreneurship** **Skill Development**

			Chemistry							
	IV	Skill Based Elective-II	A)Clinical Chemistry	21UCH5S2A	2	2	3	25	75	100
			B)Chemistry of Natural Products	21UCH5S2B						
			C) Dyeing Techniques and Water Treatments	21UCH5S2C						
	IV	Soft Skills Development	Soft Skills Development	21U5SS	2	2	3	25	75	100
TOTAL					**30**	**29**	**-**	**215**	**585**	**800**
III Year / VI Sem	III	Core Course-XIII	Organic Chemistry-II	21UCH6C13	6	5	3	25	75	100
	III	Core Course -XIV	Physical Chemistry-II	21UCH6C14	6	5	3	25	75	100
	III	Core Course-XV	Gravimetric AnalysisPracticals	21UCH6C15P	6	4	3	40	60	100
	III	Major Based Elective- II	A)Nuclear and Industrial Chemistry	21UCH6M2A	6	4	3	25	75	100
			B)Organometallic Chemistry	21UCH6M2B						
			C)Essential Molecules for Life	21UCH6M2C						
	III	Major Based Elective -III	A) Polymer Chemistry	21UCH6M3A	5	4	3	25	75	100
			B)Pharmaceutical Chemistry	21UCH6M3B						
			C)Photochemistry and Radiation Chemistry	21UCH6M3C						
	IV	Gender Studies	Gender Studies	21U6GS	1	1	3	25	75	100
	V	Extension Activity	Extension Activity	-	-	1	-	-	-	-
TOTAL					**30**	**24**		**165**	**435**	**600**
GRAND TOTAL					**180**	**140**				**4000**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS), PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

	DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS) (Affiliated to Bharathidasan University, Tiruchirappalli) (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	
NAAC	**CRITERIA – I**	**METRIC 1.1.3**

B.Com.

Year /sem	Part	Course	Course title	Course Code	Inst Periods/ Week	Credit	Exam Hours	Marks		Total
								Int	Ext	
I Year / I Sem	I	Language Course – I	Cheyyul, (Ikkalailakkiyam) Sirukadhai, Ilakkiyavaralaru/Hindi/ French/Sanskrit/ Arabic	21U1LT1/ 21U1LH1/ 21U1LF1/ 21U1LS1/ 21U1LA1	6	3	3	25	75	100
	II	English Language Course – I	English for Communication – I	21U1EL1	6	3	3	25	75	100
	III	Core Course I	Principles of Accountancy	21UCO1C1	5	5	3	25	75	100
		Core Course II	Contemporary Management	21UCO1C2	5	4	3	25	75	100
		Allied Course I	Business Economics	21UCO1A1	4	3	3	25	75	100
		Allied Course II	Office Management	21UCO1A2	2	-	-	-	-	-
	IV	Environmental studies	Environmental studies	21U1EVS	2	2	3	25	75	100
TOTAL					**30**	**20**				**600**
I Year / II Sem	I	Language Course – II	Cheyyul, (Idaikkalailakkiyam) Puthinam/ Hindi/ French/ Sanskrit/ Arabic	21U2LT2/ 21U2LH2/ 21U2LF2/ 21U2LS2/ 21U2LA2	6	3	3	25	75	100
	II	English Language Course – II	English for Communication – II	21U2EL2	6	3	3	25	75	100
		Core Course III	Business Tools for Decision Making	21UCO2C3	5	5	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

		Core Course IV	Business Regulatory framework	21UCO2C4	5	4	3	25	75	100
		Allied Course II	Office Management	21UCO1A2	2	3	3	25	75	100
		Allied Course III	Modern Marketing	21UCO2A3	4	3	3	25	75	100
	IV	Value Education	Value Education	21U2VED	2	2	3	25	75	100
TOTAL					**30**	**23**				**700**
II Year / III Sem	I	Language Course – III	Cheyyul (Kappiyangal) Urainadai, AluvalMurai,Madalgal,ilakkiyaVaralaru/ Hindi/ French/Sanskrit/ Arabic	21U3LT3/ 21U3LH3/ 21U3LF3/ 21U3LS3/ 21U3LA3	6	3	3	25	75	100
	II	English Language	English through literature	21U3EL3	6	3	3	25	75	100
	III	Core Course V	Business Accounting	21UCO3C5	5	5	3	25	75	100
		Core Course VI	Business Communication	21UCO3C6	5	4	3	25	75	100
		Allied Course IV	Banking theory law and practice	21UCO3A4	4	3	3	25	75	100
		Allied Course V	Business Environment	21UCO3A5	2	-	-	-	-	-
	IV	Non Major Elective- I	A. Principles of Marketing	21UCO3N1A	2	2	3	25	75	100
			B. Principles of Management	21UCO3N1B						
			C. Introduction to Banking	21UCO3N1C						
TOTAL					**30**	**20**				**600**

Note:

Employability **Entrepreneurship** **Skill Development**

II Year / IV Sem	I	Language Course – IV	Cheyyul (SangaIlakkiyam, NeethiIlakkiyam) Nadagam, IlakkiyaVaralaru, PothuKaturai) /Hindi/ French/Sanskrit/ Arabic	21U4LT4/ 21U4LH4/ 21U4LF4/ 21U4LS4/ 21U4LA4	6	3	3	25	75	100
	II	English Language Course – IV	English for competitive examination	21U4EL4	6	3	3	25	75	100
	III	Core Course VII	Cost Accounting	21UCO4C7	5	5	3	25	75	100
		Core Course VIII	Company Law	21UCO4C8	5	4	3	25	75	100
		Allied Course V	Business Environment	21UCO3A5	2	3	3	25	75	100
		Allied Course VI	Bank Management	21UCO4A6	4	3	3	25	75	100
	IV	Non Major Elective II	A. Fundamentals of Accounting	21UCO4N2A	2	2	3	25	75	100
			B.Organisational Behaviour	21UCO4N2B						
			C. Consumer Behaviour	21UCO4N2C						
TOTAL					**30**	**23**				**700**
III Year /	III	Core Course IX	Company Accounting	21UCO5C9	5	5	3	25	75	100
		Core Course X	Auditing	21UCO5C10	5	5	3	25	75	100
		Core Course XI	Computer Application in Business with practical	21UCO5C11T 21UCO5C11P	5	2+2	2+2	15	45	100
		Core Course XII	Financial Management	21UCO5C12	5	5	3	25	75	100
		Major Based Elective - I	A. Human Resource	21UCO5M1A	4	4	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

V Sem			Management								
			B. Retail Marketing	21UCO5M1B							
			C. Investment Management	21UCO5M1C							
	IV	Skill Based Elective - I	A. Insurance Management	21UCO5S1A	2	2	3	25	75	100
			B. Service Marketing	21UCO5S1B						
			C. Internet	21UCO5S1C						
		Skill Based Elective - II	A. Advertising Management	21UCO5S2A	2	2	3	25	75	100
			B. Sales Management	21UCO5S2B						
			C. Retail management	21UCO5S2C						
		Soft Skill Development	Soft Skill Development	21U5SS	2	2	3	25	75	100
TOTAL					**30**	**29**				**800**
III Year / VI Sem	III	Core Course XIII	Management Accounting	21UCO6C13	6	5	3	25	75	100
		Core Course XIV	Income Tax Theory Law and Practice	21UCO6C14	6	5	3	25	75	100
		Core Course XV	Entrepreneurial Leadership	21UCO6C15	6	5	3	25	75	100
		Major Based Elective - II	A. Goods and service tax	21UCO6M2A	6	4	3	25	75	100
			B. Introduction to E-Commerce	21UCO6M2B						
			C.E-Banking	21UCO6M2C						
		Major Based Elective - III	A. Financial Service in India	21UCO6M3A	5	4	3	25	75	100
			B. Financial Marketing Operation	21UCO6M3B						

Note:

Employability **Entrepreneurship** **Skill Development**

			C. Indian Banking System	21UCO6M3C						
	V	Gender studies	Gender Studies	21U6GS	1	1	3	25	75	100
	V	Extension Activities	Extension Activities		0	1		0	0	0
TOTAL					**30**	**25**				**600**
GRAND TOTAL					**180**	**140**				**4000**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS), PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

	DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS) (Affiliated to Bharathidasan University, Tiruchirappalli) (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	
NAAC	**CRITERIA – I**	**METRIC 1.1.3**

B.Com., CA

Year/ Sem	Part	Course	Course title	Course code	Inst Periods/Week	Credit	Exam Hrs	Marks		Total
								In	Ex	
I Year/ I Sem	I	LanguageCourse-I	Cheyyul,(Ikkalailakkiyam)Sirukadhai,IIlakkiyararalaru/Hindi/French/ Sanskrit/Arabic	21U1LT1/ 21U1LH1/ 21U1LF1/ 21U1LS1/ 21U1LA1	6	3	3	25	75	100
	II	EnglishLanguage Course-I	English for Communication-I	21U1EL1	6	3	3	25	75	100
	III	Core Course I	Principles ofAccountancy	21UCOA1C1	5	5	3	25	75	100
		Core Course II	ComputerFundamentals&OfficeAutomation	21UCOA1C2	5	4	3	25	75	100
		Allied Course I	BusinessEconomics	21UCOA1A1	4	3	3	25	75	100
		Allied Course II	OfficeManagement	21UCOA1A2	2	-	-	-	-	-
	IV	Environmental studies	Environmentalstudies	21U1EVS	2	2	3	25	75	100
TOTAL					**30**	**20**				**600**
I Year/ II Sem	I	LanguageCourse- II	Cheyyul,(IdaikkalaIllakkiyam) Puthinam/Hindi/ French/Sanskrit/ Arabic	21U2LT2/ 21U2LH2/ 21U2LF2/ 21U2LS2/ 21U2LA2	6	3	3	25	75	100
	II	EnglishLanguage Course- II	English for Communication–II	21U2EL2	6	3	3	25	75	100
	III	CoreCourse III	BusinessToolsfor DecisionMaking	21UCOA2C3	5	5	3	25	75	100
		Core CourseIV	InformationSecurity	21UCOA2C4	5	4	3	25	75	100
		Allied Course II	OfficeManagement	21UCOA1A2	2	3	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

		Allied PracticalIII	OfficeAutomationLab	21UCOA2A3P	4	3	3	40	60	100
	IV	ValueEducation	ValueEducation	21U2VED	2	2	3	25	75	100
TOTAL					**30**	**23**				**700**
II Year / III Sem	I	Language Course - III	CheyyuilKappiyangal) Urainadai, AluvalMurai,Madalgal , IlakkiyaVaralaru/ Hindi/French/ Sanskrit/Arabic	21U3LT3/ 21U3LH3/ 21U3LF3/ 21U3LS3/ 21U3LA3	6	3	3	25	75	100
	II	EnglishLanguage Course-III	Englishthroughliteratur e	21U3EL3	6	3	3	25	75	100
		Core Course V	Business Accounting	21UCOA3C5	5	5	3	25	75	100
		CoreCourse VI	ProgramminginC(With practical)	21UCOA3C6T 21UCOA3C6P	5	2+2	2+2	15 10	45 30	100
		AlliedCourseIV	Business Communication	21UCOA3A4	4	3	3	25	75	100
		AlliedCourse V	E-Commerce	21UCOA3A5	2	-	-	-	-	-
	IV	Non Major Elective -I	A.Principlesof Marketing	21UCOA3N1A	2	2	3	25	75	100
			B.Principlesof Management	21UCOA3N1B						
			C.Introductionto Banking	21UCOA3N1C						
		TOTAL			**30**	**20**				**600**
II Year / IV Sem	I	Language Course -IV	Cheyyul (SangaIlakkiyam,Neet hiIlakkiyam)Nadagam, IlakkiyaVaralaru,Pothu Katurai) /Hindi/French/Sanskrit /Arabic	21U4LT4/ 21U4LH4/ 21U4LF4/ 21U4LS4/ 21U4LA4	6	3	3	25	75	100
	II	EnglishLanguage Course -IV	Englishfor competitive examination	21U4EL4	6	3	3	25	75	100
	III	Core Course VII	CostAccounting	21UCOA4C7	5	5	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

		Core Course VIII	ProgramminginC++ (withpractical)	21UCOA4C8T 21UCOA4C8P	5	2+2	2+2	15 10	45 30	100
		AlliedCourse V	E-Commerce	21UCOA3A5	2	3	3	25	75	100
		AlliedCourse VI	BankManagement	21UCOA4A6	4	3	3	25	75	100
	IV	Non-Major ElectiveII	A.Fundamentalsof Accounting	21UCOA4N2A	2	2	3	25	75	100
			B.Organisational Behaviour	21UCOA4N2B						
			C. Consumer Behaviour	21UCOA4N2C						
	TOTAL				**30**	**23**				**700**
III Year / V Sem	III	Core CourseIX	CompanyAccounting	21UCOA5C9	5	5	3	25	75	100
		Core Course X	Auditing	21UCOA5C10	5	5	3	25	75	100
		CoreCourse XI	Multimedia (withpractical)	21UCOA5C11T 21UCOA5C11P	5	2+2	2+2	15 10	45 30	100
		Core Course XII	Database ManagementSystem (withpractical)	21UCOA5C12T 21UCOA5C12P	5	3+2	2+2	15 10	45 30	100
		Major Based ElectiveI	A. HumanResource Management	21UCOA5M1A	4	4	3	25	75	100
			B. RetailMarketing	21UCOA5M1B						
			C. Investment Management	21UCOA5M1C						
	IV	SkillBased Elective-I	A. Insurance Management	21UCOA5S1A	2	2	3	25	75	100
			B. ServiceMarketing	21UCOA5S1B						
			C. Internet	21UCOA5S1C						
		SkillBased Elective-II	A.Advertising Management	21UCOA5S2A	2	2	3	25	75	100
			B.Sales Management	21UCOA5S2B						
			C.Retail Management	21UCOA5S2C						

Note:

Employability **Entrepreneurship** **Skill Development**

	IV	SoftSkill Development	SoftSkillDevelopment	21U5SS	2	2	3	25	75	100
	TOTAL				**30**	**29**				**800**
IIIYear& VI Sem	III	Core Course XIII	FinancialManagement	21UCOA6C13	6	5	3	25	75	100
		Core CourseXIV	IncomeTaxTheoryLawandPractice	21UCOA6C14	6	5	3	25	75	100
		Core Course XV	Computerized Accounting (with Practical)	21UCOA6C15T 21UCOA6C15P	6	3+2	2+2	15 10	45 30	100
		MajorBased ElectiveII	A.Goodsandservicetax	21UCOA6M2A	6	4	3	25	75	100
			B.Business Environment	21UCOA6M2B						
			C.E-Banking	21UCOA6M2C						
		Major Based ElectiveIII	A. Financial B. Servicein India	21UCOA6M3A	5	4	3	25	75	100
			B. Financial Marketing Operation	21UCOA6M3B						
			C.Indian Banking System	21UCOA6M3C						
	V	Gender studies	Gender Studies	21U6GS	1	1	3	25	75	100
	V	ExtensionActivities	ExtensionActivities		0	1		0	0	0
	TOTAL				**30**	**25**				**600**
	GRAND TOTAL				**180**	**140**				**4000**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS), PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

	DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS) (Affiliated to Bharathidasan University, Tiruchirappalli) (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	
NAAC	**CRITERIA – I**	**METRIC 1.1.3**

B.C.A.

Year / Sem	Part	Course	Course title	Course code	Ins. Prd/ Week	Credit	Exam Hrs	Marks		
								Intl	Extrn	Total
I Year / I Sem	I	Language Course–I	Cheyyul (IkkalaIlakkiyam), Sirukathai, IlakkiyaVaralaru/Hindi/Arabic /French/Sanskrit	21U1LT1/ 21U1LH1/ 21U1LA1/ 21U1LF1/ 21U1LS1	6	3	3	25	75	100
	II	English Language Course – I	English for Communication - I	21U1EL1	6	3	3	25	75	100
	III	Core Course – I	C Programming	21UCA1C1	6	5	3	25	75	100
		Core Course – II	C Lab	21UCA1C2P	4	3	3	40	60	100
		Allied Course – I	Algebra and Calculus	21UCA1A1	4	3	3	25	75	100
		Allied Course – II	Numerical Analysis and Statistics	21UCA1A2	2	-	-	-	-	-
	IV	Environmental Studies	Environmental Studies	21U1EVS	2	2	3	25	75	100
	TOTAL				**30**	**19**		**165**	**435**	**600**
I Year /	I	Language Course – II	Cheyyul (IdaikkalaIlakkiyam), Puthinam/ Hindi/ Arabic/ French/ Sanskrit	21U2LT2/ 21U2LH2/ 21U2LA2/ 21U2LF2/ 21U2LS2	6	3	3	25	75	100
	II	English Language Course II	English for Communication - II	21U2EL2	6	3	3	25	75	100
	III	Core Course – III	Programming in C++	21UCA2C3	6	5	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

II Sem		Core Course – IV	Programming in C++ Lab	21UCA2C4P	4	3	3	40	60	100
		Allied Course – II	Numerical Analysis and Statistics	21UCA1A2	2	3	3	25	75	100
		Allied Course – III	Operations Research	21UCA2A3	4	3	3	25	75	100
	IV	Value Education	Value Education	21U2VED	2	2	3	25	75	100
	TOTAL				**30**	**22**		**190**	**510**	**700**
II Year / III Sem	I	Language Course – III	Cheyyul (Kappiyangal), Urainadai,/ hindi/ Arabic/ French/ Sanskrit	21U3LT3/ 21U3LH3/ 21U3LA3/ 21U3LF3/ 21U3LS3	6	3	3	25	75	100
	II	English Language Course – III	English through Literature	21U3EL3	6	3	3	25	75	100
	III	Core Course – V	Java programming	21UCA3C5	6	5	3	25	75	100
		Core Course – VI	Java programming Lab	21UCA3C6P	4	3	3	40	60	100
		Allied Course – IV	Financial Accounting	21UCA3A4	4	3	3	25	75	100
		Allied Course –V	Accounting Package Lab	21UCA3A5P	2	-	-	-	-	-
	IV	Non Major Elective – I	Working Principles of Internet	21UCA3N1A	2	2	3	25	75	100
			Fundamentals of InformatTechnology	21UCA3N1B						
			Basics of Computer Programming	21UCA3N1C						
	TOTAL				**30**	**19**		**165**	**435**	**600**
II Year/ IV	I	Language Course – IV	Cheyyul (SangaIlakkiyam, NeedhiIlakkiyam, Nadagam,)/ Hindi/ Arabic/ French/ Sanskrit	21U4LT4/ 21U4LH4/ 21U4LA4/ 21U4LF4/ 21U4LS4	6	3	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

Sem	II	English Language Course – IV	English for Competitive Examinations	21U4EL4	6	3	3	25	75	100
	III	Core Course – VI	PHP	21UCA4C7	6	5	3	25	75	100
		Core Course VIII	PHP Lab	21UCA4C8P	4	3	3	40	60	100
		Allied Course –V	Accounting Package Lab	21UCA3A5P	2	3	3	40	60	100
		Allied Course VI	Accounting Package	21UCA4A6	4	3	3	25	75	100
	IV	Non Major Elective–II	PC Hardware and Trouble Shooting	21UCA4N2A	2	2	3	25	75	00
			Scripting Languages	21UCA4N2B						
			Office Automation	21UCA4N2C						
	TOTAL				**30**	**22**		**205**	**495**	**700**
III Year/ V Sem	III	Core Course – IX	Cyber Security	21UCA5C9	6	6	3	25	75	100
		Core Course – X	Internet of Things	21UCA5C10	5	5	3	25	75	100
		Core Course – XI	Computer Architecture	21UCA5C11	5	5	3	25	75	100
		Core Course -XII	Cyber Security Lab	21UCA5C12P	4	3	3	40	60	100
		Major Based Elective - I	E-Commerce and M-Commerce	21UCA5M1A	4	4	3	25	75	00
			System Analysis and Design	21UCA5M1B						
			Data Base Management	21UCA5M1C						
	IV	Skill Based Elective – I	Pagemaker	21UCA5S1A	2	2	3	25	75	00
			CorelDraw	21UCA5S1B						
			Internet Programming	21UCA5S1C						
		Skill Based Elective – II	Dream Weaver	21UCA5S2A	2	2	3	25	75	00
			Computer Applications in Business	21UCA5S2B						
			Introduction to web design	21UCA5S2C						
		Soft skills Development	Soft Skills Development	21U5SS	2	2	3	25	75	100
	TOTAL				**30**	**29**		**215**	**585**	**800**
III	III	Core Course -XIII	Python Application Programming	21UCA6C13	6	6	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

Year/ VI Sem		Core Course – XIV	Software Engineering	21UCA6C14	6	6	3	25	75	100
		Core Course – XV	Python Lab	21UCA6C15P	5	4	3	40	60	100
		Major Based Elective - II	Web Programming	21UCA6M2A	6	5	3	25	75	00
			GIS and Remote Sensing	21UCA6M2B						
			Multimedia Applications	21UCA6M2C						
		Major Based Elective - III	Mini Project	21UCA6M3PW	6	6	3	40	60	00
			Web Programming Lab	21UCA6M3P1						
			Multimedia Lab	21UCA6M3P2						
	V	Gender Studies	Gender Studies	21U6GS	1	1	3	25	75	100
	V	Extension Activities	Extension Activities	--	-	1	-	-	-	-
TOTAL					**30**	**29**	**-**	**180**	**420**	**600**
GRAND TOTAL					**180**	**140**		**1120**	**2880**	**4000**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS), PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

B.Sc., COMPUTER SCIENCE

Year/ Sem	Part	Course	Course title	Course code	Ins. Prd/ Week	Credit	Exam Hrs	MARKS		Total
								INT.	EXT	
I year / I Sem	I	Language Course-I	Cheyyul(IkkalaIlakkiyam),Sirukathai,IlakkiaVaralaru/French / Hindi /Sanscrit/Arabic	21U1LT1/ 21U1LF1/ 21U1LH1/ 21U1LS1/ 21U1LA1	6	3	3	25	75	100
	II	English Language Course –I	English for Communication-I	21U1EL1	6	3	3	25	75	100
	III	CoreCourse–I	BasicComputer Concepts	21UCS1C1	6	5	3	25	75	100
		CoreCourse– II	ComputerBasicsandAnimation Lab	21UCS1C2P	4	3	3	40	60	100
		Allied Course – I	Algebraand Calculus	21UCS1A1	4	3	3	25	75	100
		Allied Course – II	Numerical Analysis andStatistics	21UCS1A2	2	-	-	-	-	-
	IV	Environmental Studies	EnvironmentalStudies	21U1EVS	2	2	3	25	75	100
	TOTAL				**30**	**19**		**165**	**435**	**600**
Iyear / II Sem	I	Language Course –II	Cheyyul (IdaikalaIlakkiyam), Puthinam /French /Hindi / Sanscrit /Arabic	21U2LT2/ 21U2LF2/ 21U2LH2/ 21U2LS2/ 21U2LA2	6	3	3	25	75	100
	II	English Language Course–II	Englishfor Communication-II	21U2EL2	6	3	3	25	75	100
		Core Course–III	Programming in CLanguage	21UCS2C3	6	5	3	25	75	100
		Core Course– IV	Programmingin C Lab	21UCS2C4P	4	3	3	40	60	100

Note:

Employability **Entrepreneurship** **Skill Development**

	III	Allied Course – II	Numerical Analysis and Statistics	21UCS1A2	2	3	3	25	75	100
		Allied Course – III	Operations Research	21UCS2A3	4	3	3	25	75	100
	IV	ValueEducation	Value Education	21U2VED	2	2	3	25	75	100
	TOTAL				**30**	**22**		**190**	**510**	**700**
II Year / III Sem	I	Language Course–III	Cheyyul(Kappiyangal), Urainadai,AluvalMurai Madalgal,Ilakkiya Varalaru /French/Hindi/ Sanscrit/Arabic	21U3LT3/ 21U3LF3/ 21U3LH3/ 21U3LS3/ 21U3LA3	6	3	3	25	75	100
	II	English LanguageCourse–II	English through Literature	21U3EL3	6	3	3	25	75	100
	III	CoreCourse–V	ProgramminginC++	21UCS3C5	6	5	3	25	75	100
		Core Course–VI	ProgramminginC++ Lab	21UCS3C6P	4	3	3	40	60	100
		Allied Course–IV	AppliedPhysics–I	21UCS3A4	3	3	3	25	75	100
		Allied Course–V	Applied PhysicsPractical–I (Electronics)	21UCS3A5P	3	-	-	-	-	-
	IV	Non MajorElective–I	Computer Fundamentals	21UCS3N1A	2	2	3	25	75	100
			Introductionto InformationTechnology	21UCS3N1B						
			OfficeAutomation	21UCS3N1C						
	TOTAL				**30**	**19**		**165**	**435**	**600**

Note:

Employability **Entrepreneurship** **Skill Development**

II Year / IV Sem	I	Language Course–IV	Cheyyul(SangaIlakkiyam,NeedhiIlakkiyam,Nadagam,IlakkiyaVaralaru,PodhuKatturai) /French / Hindi /Sanscrit/ Arabic	21U4LT4/ 21U4LF4/ 21U4LH4/ 21U4LS4/ 21U4LA4	6	3	3	25	75	100
	II	English Language Course–IV	Englishfor CompetitiveExaminations	21U4EL4	6	3	3	25	75	100
	III	Core Course–VII	JavaProgramming	21UCS4C7	6	5	3	25	75	100
		Core Course–VIII	JavaProgrammingLab	21UCS4C8P	4	4	3	40	60	100
		Allied Course–V	AppliedPhysics Practical –I (Electronics)	21UCS3A5P	3	3	3	40	60	100
		Allied Course–VI	AppliedPhysics-II	21UCS4A6	3	3	3	25	75	100
	IV	Non Major Elective-II	Recent Trends in Enterprise InformationTechnology	21UCS4N2A	2	2	3	25	75	100
			PCSoftware	21UCS4N2B						
			WorkingPrinciplesof Internet	21UCS4N2C						
TOTAL					**30**	**23**		**205**	**495**	**700**

	III	Core Course IX	Data Base Management System	21UCS5C9	5	5	3	25	75	100
		Core Course X	RDBMS Lab	21UCS5C10P	5	4	3	40	60	100
		Core Course-XI	Operating System	21UCS5C11	5	5	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

III Year / V Sem		Core Course-XII	Data Structure and Algorithm	21UCS5C12	5	5	3	25	75	100
		Major Based Elective - I	Cryptography	21UCS5M1A	4	4	3	25	75	100
			Computer Graphics and Multimedia	21UCS5M1B						
			Software Engineering	21UCS5M1C						
	IV	Skill Based Elective – I	Page Maker	21UCS5S1A	2	2	3	25	75	100
			Corel Draw	21UCS5S1B						
			Flash	21UCS5S1C						
		Skill Based Elective – II	Dream Weaver	21UCS5S2A	2	2	3	25	75	100
			Illustrator	21UCS5S2B						
			Indesign	21UCS5S2C						
		Soft Skill Development	Soft Skill Development	21U5SS	2	2	3	25	75	100
TOTAL					**30**	**29**		**230**	**570**	**800**
III Year / VI Sem	III	Core Course XIII	Php Scripting Language	21UCS6C13	6	6	3	25	75	100
		Core Course –XIV	Php Lab	21UCS6C14P	6	6	3	40	60	100
		Core Course –XV	Networking	21UCS6C15	6	6	3	25	75	100
		Major Based Elective – II	Digital Computer Fundamentals & Microprocessor	21UCS6M2A	5	4	3	25	75	100
			Dot Net Concepts	21UCS6M2B						
			Linux Administration	21UCS6M2C						
		Major Based Elective – III	Mini Project (in-house project)	21UCS6M3PW	6	4	3	40	60	100
			LINUX LAB	21UCS6M3P1						
			Multimedia Lab	21UCS6M3P2						
	IV	Gender Studies	Gender Studies	21U6GS	1	1	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

	V	Extension Activities	Extension Activities	-	-	1	-	-	-	-
TOTAL					**30**	**28**	**-**	**180**	**420**	**600**
GRANDTOTAL					**180**	**140**	**-**	**1135**	**2865**	**4000**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE
OF ARTS AND SCIENCE FOR WOMEN
(AUTONOMOUS),
PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

	DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS) (Affiliated to Bharathidasan University, Tiruchirappalli) (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	
NAAC	**CRITERIA – I**	**METRIC 1.1.3**

B.A., ENGLISH

Year /Sem	Part	Course	Course title	Course code	Ins. Prd/ Week	Credit	Exam Hrs	Marks		Total
								IA	UE	
I year / I Sem	I	Language Course I	Cheyyul (Ikkalailakkiyam), Sirukathai, IlakkiyaVaralaru/ Hindi/French/Arabic/ Sanskrit	21U1LT1 21U1LH1 21U1LF1 21U1LA1 21U1LS1	6	3	3	25	75	100
	II	English Language Course I	English for Communication-I	21U1EL1	6	3	3	25	75	100
	III	Core Course I	Prose	21UEN1C1	5	5	3	25	75	100
	III	Core Course II	Fiction	21UEN1C2	5	5	3	25	75	100
		Allied Course I	Social History of England-I	21UEN1A1	3	3	3	25	75	100
		Allied Course I	Comparative Literature	21UEN1A2	3	*	*	*	*	*
	IV	Environmental Studies	Environmental Studies	21U1EVS	2	2	3	25	75	100
TOTAL					**30**	**20**		**150**	**450**	**600**
I year / II Sem	I	Language Course II	Cheyyul, (IdaikalaIlakkiyam), Puthinam/Hindi/ French/Arabic/ Sanskrit	21U2LT2 21U2LH2 21U2LF2 21U2LA2 21U2LS2	6	3	3	25	75	100
	II	English Language Course II	English for Communication-II	21U2EL2	6	3	3	25	75	100
		Core Course III	Poetry-I	21UEN2C3	5	5	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

	III	Core Course IV	Drama-I	21UEN2C4	5	4	3	25	75	100
		Allied Course II	Comparative Literature	21UEN1A2	3	3	3	25	75	100
		Allied Course III	Social History of England-II	21UEN1A2	3	3	3	25	75	100
	IV	Value Education	Value Education	21U2VED	2	2	3	25	75	100
TOTAL					**30**	**23**		**175**	**525**	**700**
II year / III Sem	I	Language Course III	Cheyyul (Kappiyangal) Urainadai, AluvalMuraiMadalgal, IlakiyaVaralaru Hindi/French/Arabic/ Sanskrit	21U3LT3 21U3LH3 21U3LF3 21U3LA3 21U3LS3	6	3	3	25	75	100
	II	English Language Course III	English through Literature	21U3EL3	6	3	3	25	75	100
	III	Core Course V	Poetry-II	21UEN3C5	5	5	3	25	75	100
	IV	Core Course VI	Drama-II	21UEN3C6	5	4	3	25	75	100
	III	Allied Course IV	History of English Literature-I	21UEN3A4	3	3	3	25	75	100
		Allied Course V	Principles of Literary Criticism	21UEN3A5	3	*	*	*	*	*
	IV	Non Major Elective I	A.Remedial English	21UEN3N1A	2	2		25	75	100
			B.Communication Skills	21UEN3N1B						

Note:

Employability **Entrepreneurship** **Skill Development**

			C. English for Journalism	21UEN3N1C						
TOTAL					**30**	**20**		**150**	**450**	**600**
II year IV Sem	I	Language Course IV	Cheyyul (SangakalaIlakkiyam, NeethiIlakkiyam, IlakiyaVaralaru, PothuKaturai) Hindi/French/Arabic/ Sanskrit	21U4LT4 21U4LH4 21U4LF4 21U4LA4 21U4LS4	6	3	3	25	75	100
	II	English Language Course IV	English for Competitive Examination	21U4EL4	6	3	3	25	75	100
	III	Core Course VII	Canadian Literature	21UEN4C7	5	5	3	25	75	100
		Core Course III	Literary Forms	21UEN4C8	5	4	3	25	75	100
		Allied Course V	Principals of Literary Criticism	21UEN3A5	3	3	3	25	75	100
		Allied Course VI	History of English Literature-II	21UEN4A6	3	3	3	25	75	100
	IV	Non-Major Elective II	A. Presentation Skills	21UEN4N2A	2	2		25	75	100
			B. Effective Employability Skills	21UEN4N2B						
			C. Functional English	21UEN4N2C						
TOTAL					**30**	**23**		**175**	**525**	**700**
	III	Core Course IX	Shakespeare	21UEN5C9	5	5	3	25	75	100
		Core Course X	Indian Writing in English	21UEN5C10	5	5	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

III year / V Sem		Core Course XI	American Literature	21UEN5C11	5	4	3	25	75	100
		Core Course XII	Developing Language Skills	21UEN5C12	5	5	3	25	75	100
	III	Major Based Elective I	A. Translation Theory and Practice	21UEN5M1A	4	4	3	25	75	100
			B. English for Competitive Exam	21UEN5M1B						
			C. Indian and European Classics in Translation	21UEN5M1C						
		Skill Based Elective I	A. Film Studies	21UEN5S1A	2	2	3	25	75	100
			B. Basics of the Theatrical Arts	21UEN5S1B						
			C. Office Automation	21UEN5S1C						
		Skill Based Elective II	A. Personality Development	21UEN5S2A	2	2	3	25	75	100
			B. Grammar and Usage	21UEN5S2B						
			C. Leadership Skills	21UEN5S2C						
		Soft Skill	Soft Skill	21U5SS	2	2	3	25	75	100
TOTAL					**30**	**29**		**200**	**600**	**800**
III year / VI Sem	III	Core Course XIII	Commonwealth Literature	21UEN6C13	6	5	3	25	75	100
		Core Course XIV	Women's Writing in English	21UEN6C14	6	5	3	25	75	100
		Core Course XV	Language and Phonetics	21UEN6C15	6	5	3	25	75	100
		Major Based Elective II	A. Journalism and Mass Media	21UEN6M2A	6	4	3	25	75	100
			B. English Language Teaching	21UEN6M2B						
			C. Introduction to the Literary Criticism	21UEN6M2C						
		Major Based Elective III	A. Written Communication	21UEN6M3A	5	4	3	25	75	100
			B. English for Tourism	21UEN6M3B						

Note:

Employability **Entrepreneurship** **Skill Development**

			C. Media Studies	21UEN6M3C						
	V	Gender Studies	Gender Studies	21U6GS	1	1	3	25	75	100
	V	Extension Activities	Extension Activities		0	1		0	0	0
TOTAL					**30**	**25**		**150**	**450**	**600**
GRAND TOTAL					**180**	**140**		**1000**	**3000**	**4000**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS), PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

	DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS) (Affiliated to Bharathidasan University, Tiruchirappalli) (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	
NAAC	**CRITERIA – I**	**METRIC 1.1.3**

B.Sc., MATHEMATICS

Year/ Sem	Part	Course	Course title	Course code	Ins. Prd/ Week	Credit	Exam Hrs	Marks		Total
								IA	UE	
I Year / I Sem	I	Language course - I	Cheyyul (Ekkalaelakkiyam), Sirukadhai, Illakiyavaraluru / Hindi/ French/ Sanskrit/ Arabic	21U1LT1 / 21U1LH1 / 21U1LF1 / 21U1LS1 / 21U1LA1	6	3	3	25	75	100
	II	English language course - I	English for communication-I	21U1EL1	6	3	3	25	75	100
	III	Core course - I	Theory of equations & differential Calculus	21UMM1C1	5	5	3	25	75	100
		Core course - II	Analytical geometry 3d	21UMM1C2	5	4	3	25	75	100
		Allied course - I	General physics I	21UMM1A1	3	3	3	25	75	100
		Allied corse - II	General physics practical - I	21UMM1A2P	3	-	-	-	-	-
	IV	Environmental studies	Environmental studies	21U1EVS	2	2	3	25	75	100
	TOTAL				**30**	**20**	**18**	**150**	**450**	**600**
I Year / II Sem	I	Language course - II	Cheyyul(edaikalaelakkiym), puthinam / Hindi/ French/ Sanskrit/ Arabic	21U2LT2 / 21U2LH2 / 21U2LF2 / 21U2LS2 / 21U2LA2	6	3	3	25	75	100
	II	English language course - II	English for communication-II	21U2EL2	6	3	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

	III	Core course - III	Trigonometry & vector calculus	21UMM2C3	5	4	3	25	75	100
		Core course - Iv	Integral calculus	21UMM2C4	5	5	3	25	75	100
		Allied course - II	General physics practical - I	21UMM1A2P	3	3	3	40	60	100
		Allied Course - III	General physics - II	21UMM2A3	3	3	3	25	75	100
	IV	Value Education	Value education	21U2VED	2	2	3	25	75	100
	TOTAL				**30**	**23**	**18**	**190**	**510**	**700**
II Year/ III Sem	I	Language Course-III	Cheyyul (kappiyangal), urainadai, aluvalmuraimadalgal, elakkiyavaralaru / hindi/ french/ sanskrit/ arabic	21U3LT3 / 21U3LH3 / 21U3LF3 / 21U3LS3 / 21U3LA3	6	3	3	25	75	100
	II	English language course-III	English Through Literature	21U3EL3	6	3	3	25	75	100
	III	Core course - V	Algebra and Fourier Series	21UMM3C5	5	5	3	25	75	100
		Core course - VI	Theory of Numbers	21UMM3C6	5	4	3	25	75	100
		Allied course -IV	Mathematical Statistics-I	21UMM3A4	3	3	3	25	75	100
		Allied course -V	Mathematical statistics practical	21UMM3A5P	3	-	-	-	-	-
	IV	Non-major Elective– I	Quantitative aptitude - I	21UMM3N1A	2	2	3	25	75	100
			Operations research	21UMM3N1B						
			Statistics - I	21UMM3N1C						
	TOTAL				**30**	**20**	**18**	**150**	**450**	**600**

Note:

Employability **Entrepreneurship** **Skill Development**

II Year / IV Sem	I	Language Course-IV	Cheyyul angaelakiyam, neethielakkiyam), nadagam, elakkiyavaralaru, pothukatturai / hindi/ French/ Sanskrit/ Arabic	21U4LT4 / 21U4LH4 / 21U4LF4 / 21U4LS4 / 21U4LA4	6	3	3	25	75	100
	II	English language course-IV	English for competitive examinations	21U4EL4	6	3	3	25	75	100
	III	Core course- VII	Differential equations and laplace transform	21UMM4C7	5	5	3	25	75	100
		Core course- VIII	Sequence and Series	21UMM4C8	5	4	3	25	75	100
		Allied course -V	Mathematical statistics practical	21UMM3A5P	3	3	3	40	60	100
		Allied course -VI	Mathematical statistics - II	21UMM4A6	3	3	3	25	75	100
	IV	Non-major elective – II	Quantitative aptitude - II	21UMM4N2A	2	2	3	25	75	100
			Numerical Methods	21UMM4N2B						
			Statistics - II	21UMM4N2C						
	TOTAL				**30**	**23**	**21**	**190**	**510**	**700**
III Year / V Sem	III	Core course – IX	Numerical analysis	21UMM5C9	5	4	3	25	75	100
		Core course –X	Abstract algebra	21UMM5C10	5	5	3	25	75	100
		Core course -XI	Real analysis	21UMM5C11	5	5	3	25	75	100
		Core course –XII	Statics	21UMM5C12	5	5	3	25	75	100
		Major based	Operations research	21UMM5M1A	4	4	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

		Elective – I	Stochastic processes	21UMM5M1B						
			Fuzzy mathematics	21UMM5M1C						
	IV	Skill based Elective - I	Quantitative aptitude - I	21UMM5S1A	2	2	3	25	75	100
			Arithmetic and mental ability - I	21UMM5S1B						
			General aptitude for competitive examinations- I	21UMM5S1C						
		Skill based Elective - II	Quantitative aptitude - II	21UMM5S2A	2	2	3	25	75	100
			Arithmetic and mental ability -II	21UMM5S2B						
			General aptitude for competitive examinations- II	21UMM5S2C						
		Soft skill development	Soft skill development	21U5SS	2	2	3	25	75	100
	TOTAL				**30**	**29**	**24**	**200**	**600**	**800**
III Year/ VI Sem	III	Core course - XIII	Linear algebra	21UMM6C13	6	5	3	25	75	100
		Core course –XIV	Complex analysis	21UMM6C14	6	5	3	25	75	100
		Core course –XV	Dynamics	21UMM6C15	6	5	3	25	75	100
		Major based Elective –II	Graph theory	21UMM6M2A	5	4	3	25	75	100
			Mathematical modelling	21UMM6M2B						
			Non-linear differential equations	21UMM6M2C						
		Major based	Astronomy	21UMM6M3A	6	4	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

	Elective –III	Design & analysis of algorithms	21UMM6M3B						
		Financial mathematics	21UMM6M3C						
IV	Gender Studies	Gender studies	21U6GS	1	1	3	25	75	100
V	Extension Activities	Extension activities		-	1	-	-	-	-
TOTAL				**30**	**25**	**18**	**150**	**450**	**600**
GRAND TOTAL				**180**	**140**	**117**	**1030**	**2970**	**4000**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE
OF ARTS AND SCIENCE FOR WOMEN
(AUTONOMOUS),
PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

	DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS) (Affiliated to Bharathidasan University, Tiruchirappalli) (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	
NAAC	**CRITERIA – I**	**METRIC 1.1.3**

B.Sc., MICROBIOLOGY

Year/ Sem	Part	Course	Course title	Course code	Ins. Prd/ Week	Credit	Exam Hrs	Marks		Total
								Int.	Ext.	
I Year I Sem	I	Language Course I	Cheyull(IkkalaIlakiyam), Sirukathai, Ilakiyavaralaru, Hindi/French/ Arabic/ Sanskrit	21U1LT1/ 21U1LH1/ 21U1LF1/ 21U1LA1/ 21U1LS1	6	3	3	25	75	100
	II	English Languagecourse I	Englishfor Communication-I	21U1EL1	6	3	3	25	75	100
	III	Core Course-CC	FundamentalsofMicrobiology	21UMB1C1	6	6	3	25	75	100
		Core Course-CC	Practicals –I Fundamentals ofMicrobiology	21UMB1C2P	4	3	3	40	60	100
		AlliedCourse-I	Biochemistry–I	21UMB1A1	3	3	3	25	75	100
		AlliedCourse-II	LabinBiochemistry-I	21UMB1A2P	3	**	**	**	**	**
	IV	Environmental Studies	EnvironmentalStudies	21U1EVS	2	2	3	25	75	100
	TOTAL				**30**	**20**				**600**
I Year IISem	I	Language CourseII	Cheyull (IddikalaIlakiyam), Puthinumum, Hindi,French, Arabic, Sanskrit	21U2LT2/ 21U2LH2/ 21U2LF2/ 21U2LA2/ 21U2LS2	6	3	3	25	75	100
	II	English Language course II	Englishfor Communication-II	21U2EL2	6	3	3	25	75	100
		Core Course-III(CC)	MicrobialPhysiology	21UMB2C3	6	6	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

	III	Core Course-IV(CC)	PracticalsII-Microbialphysiology	21UMB2C4P	4	3	3	40	60	100
		AlliedCourse-III	Biochemistry-II	21UMB2A3	3	3	3	25	75	100
		AlliedCourse-II	LabinBiochemistry-I&II	21UMB1A2P	3	4	3	40	60	100
	IV	ValueEducation	ValueEducation	21U2VED	2	2	3	25	75	100
	TOTAL				**30**	**24**				**700**
II Year / IIISem	I	Language courseIII	Cheyyul (Kappiyangal), Vurainadai, AluvalmuraiMadalgal, Ilakkiyavaralaru Hindi/French/Arabic/ Sanskrit	21U3LT3/ 21U3LH3/ 21U3LF3/ 21U3LA3/ 21U3LS3	6	3	3	25	75	100
	II	English Language Course III	English Through Literature	21U3EL3	6	3	3	25	75	100
	III	Core Course– V	Immunology and Immunotechnology	21UMB3C5	6	5	3	25	75	100
		CoreCourse–VI	Practical-III Immunology and Immunotechnology	21UMB3C6P	4	3	3	40	60	100
		AlliedCourse-IV	Biostatistics-I	21UMB3A4	3	2	3	25	75	100
		AlliedCourse-V	LabinBiostatistics-I	21UMB3A5P	3	**	**	**	**	**
	IV	Non-majorElective-I	A)VermiCulture	21UMB3N1A	2	2	3	25	75	100
			B)MushroomTechnology	21UMB3N1B						
			C)Biofertilizer Technology	21UMB3N1C						
	TOTAL					**30**	**18**			**600**
	I	Language course –IV	Cheyyul (Sangailakkiyam),Needhiilakkiyam, Nadagam,Illakiyavaralaru,Podhukatturai Hindi,French,Arabic, Sanskrit	21U4LT4/ 21U4LH4/ 21U4LF4/ 21U4LA4/ 21U4LS4	6	3	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

II Year / IV Sem	II	English Language Course – IV	English For Competitive Examinations	21U4EL4	6	3	3	25	75	100
		Core Course–VII	Clinical Microbiology	21UMB4C7	6	6	3	25	75	100
		Core course–VIII	Practical-IV Clinical Microbiology	21UMB4C8P	4	3	3	40	60	100
		Allied Course-VI	Biostatistics-II	21UMB4A6	3	3	3	25	75	100
		Allied Course-V	LabinBiostatistics I&II	21UMB3A5P	3	2	3	40	60	100
	IV	Non-major Elective-II	A)Microbialmetabolites	21UMB4N2A	2	2	3	25	75	100
			B)Socialandpreventive medicine	21UMB4N2B						
			C)Microbial Nutrition	21UMB4N2C						
	TOTAL					**30**	**22**			**700**
III Year / V Sem	III	CoreCourse–IX	Agricultural and environmental Microbiology	21UMB5C9	6	6	3	25	75	100
		Core Course– X	Industrialmicrobiology	21UMB5C10	6	5	3	25	75	100
		CoreCourse–XI	FoodandDairy Microbiology	21UMB5C11	5	5	3	25	75	100
		Core Course–XII	Practical'sPertainingCCIX,CCX&CCXI	21UMB5C12P	3	3	3	40	60	100
		Major BasedElective-I	A)ClinicalResearch	21UMB5M1A	4	4	3	25	75	100
			B)Marinemicrobiology	21UMB5M1B						
			C)Virology	21UMB5M1C						
	IV	Skill Based Elective-I	A)Pharmacognosy	21UMB5S1A	2	2	3	25	75	100
			B)ClinicallabTechnology	21UMB5S1B						
			C)Diagnostic Microbiology	21UMB5S1C						
		Skill Based Elective-II	A)Cellbiology	21UMB5S2A	2	2	3	25	75	100
			B)Endocrinology	21UMB5S2B						
			C)PrinciplesofBioinstrumentation	21UMB5S2C						
		SoftSkill Development	SoftSkillDevelopment	21U5SS	2	2	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

	TOTAL					**30**	**29**			**800**
III Year / VI Sem	III	Core course–XIII	MicrobialGenetics	21UMB6C13	6	6	3	25	75	100
		Core course–XIV	Molecularbiology	21UMB6C14	6	6	3	25	75	100
		Core Course-XV	Practical'sPertainingCCXIII&CCXIV	21UMB6C15P	6	5	3	40	60	100
		Major BasedElective-II	A)ForensicBiology	21UMB6M2A	6	4	3	25	75	100
			B)Mycology	21UMB6M2B						
			C)RdnaTechnology	21UMB6M2C						
		Major BasedElective-III	A)GeneticEngineering	21UMB6M3A	5	4	3	25	75	100
			B)MicrobialTechnology	21UMB6M3B						
			C)Microbial Taxonomy and bioinformatics	21UMB6M3C						
	IV	GenderStudies	GenderStudies	21U6GS	1	1	3	25	75	100
	V	Extensionactivity	NCC,NSS,Rotaract, YRC			1				
TOTAL					**30**	**27**	**18**	**150**	**450**	**600**
GRANDTOTAL					**180**	**140**				**4000**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE
OF ARTS AND SCIENCE FOR WOMEN
(AUTONOMOUS),
PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

	DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS) (Affiliated to Bharathidasan University, Tiruchirappalli) (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	
NAAC	**CRITERIA – I**	**METRIC 1.1.3**

B.Sc., PHYSICS

Year / Sem	Part	Course	Course Title	Course Code	Ins.Periods/ week	credit	Exam Hours	Mark		Total
								Int	Ext	
I Year I sem	I	Language Course - I	Cheyyul (IkkalaIlakkiyam), Sirukathai, IlakkiyaVaralaru/ French/ Hindi/Sanskrit/ Arabic	21U1LT1/ 21U1LF1/ 21U1LH1/ 21U1LS1/ 21U1LA1	6	3	3	25	75	100
	II	English Language Course – I	English for Communication - I	21U1EL1	6	3	3	25	75	100
	III	Core Course – I	Properties of Matter and Acoustics	21UPH1C1	6	5	3	25	75	100
	III	Core Course –II	Major Practicals -I (General)	21UPH1C2P	4	3	3	40	60	100
	III	Allied Course– I	General Chemistry - I	21UPH1A1	3	3	3	25	75	100
	III	Allied Course –II	General Chemistry Practical-I (Volumetric and Organic Qualitative Analysis)	21UPH1A2P	3	-	-	-	-	-
	IV	Environmental Studies	Environmental Studies	21U1EVS	2	2	3	25	75	100
TOTAL					**30**	**19**		**165**	**435**	**600**

Note:

Employability **Entrepreneurship** **Skill Development**

I Year II Sem	I	Language Course – II	Cheyyul (IdaikalaIlakkiyam), Puthinam/French/ Hindi/ Sanskrit/Arabic	21U2LT2/ 21U2LF2/ 21U2LH2/ 21U2LS2/ 21U2LA2	6	3	3	25	75	100
	II	English Language Course – II	English for Communication - II	21U2EL2	6	3	3	25	75	100
	III	Core Course – III	Mechanics and Relativity	21UPH2C3	6	5	3	25	75	100
	III	Core Course –IV	Major Practicals -II (General)	21UPH2C4P	4	3	3	40	60	100
	III	Allied Course –II	General Chemistry Practical-I (Volumetric and Organic Qualitative Analysis)	21UPH1A2P	3	3	3	40	60	100
	III	Allied Course –III	General Chemistry - II	21UPH2A3	3	3	3	25	75	100
	IV	Value Education	Value Education	21U2VED	2	2	3	25	75	100
TOTAL					**30**	**22**		**205**	**495**	**700**
II Year III Sem	I	Language Course – IIII	Cheyyul (Kappiyangal), Urainadai, AluvalMurai Madalgal, IlakkiyaVaralaru/ French/hindi/ Sanskrit/Arabic	21U3LT3/ 21U3LF3/ 21U3LH3/ 21U3LS3/ 21U3LA3	6	3	3	25	75	100
	II	English Language Course – III	English Through Literature	21U3EL3	6	3	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

	III	Core Course – V	Thermal Physics	21UPH3C5	6	5	3	25	75	100
		Core Course – VI	Major practical-III (General)	21UPH3C6P	4	4	3	40	60	100
		Allied Course – IV	Calculus and Vector analysis	21UPH3A4	4	3	3	25	75	100
		Allied Course – V	Algebra,Analytical geometry and Trigonometry	21UPH3A5	2	-	-	-	-	-
	IV	Non Major Elective – I	Basics in Astrophysics	21UPH3N1A	2	2	3	25	75	100
			Renewable Energy sources	21UPH3N1B						
			Laser Physics	21UPH3N1C						
				TOTAL	**30**	**20**		**165**	**435**	**600**
II Year IV Sem	I	Language Course – IV	Cheyyul (SangaIlakkiyam, NeedhiIlakkiyam) Nadagam, IlakkiyaVaralaru, PodhuKatturai/ French/Hindi/ Sanskrit/Arabic	21U4LT4/ 21U4LF4/ 21U4LH4/ 21U4LS4/ 21U4LA4	6	3	3	25	75	100
	II	English Language Course – IV	English for Competitive Examinations	21U4EL4	6	3	3	25	75	100
	III	Core Course – VII	Optics	21UPH4C7	6	5	3	25	75	100
		Core Course – VIII	Major Practical-IV(General)	21UPH4C8P	4	4	3	40	60	100
		Allied Course –V	Algebra,Analytical geometry and Trigonometry	21UPH3A5	2	3	3	25	75	100
		Allied Course – VI	ODE, Laplace Transform and Fourier Series	21UPH4A6	4	3	3	25	75	100
	IV	Non Major Elective - II	Energy Physics	21UPH4N2A	2	2	3	25	75	100
			Everyday Physics	21UPH4N2B						

Note:

Employability **Entrepreneurship** **Skill Development**

			Basic electronics	21UPH4N2C							
TOTAL					**30**	**23**		**190**	**510**	**700**
III Year / V sem	III	Core Course IX	Electricity and Magnetism	21UPH5C9	5	5	3	25	75	100
		Core Course X	Atomic Physics	21UPH5C10	5	5	3	25	75	100
		Core Course XI	Analog Electronics	21UPH5C11	5	5	3	25	75	100
		Core Course XII	Major Practical -V (General)	21UPH5C12P	5	4	3	40	60	100
		Major Based Elective - I	Laser Physics	21UPH5M1A	4	4	3	25	75	100
			Spectroscopy	21UPH5M1B						
			Opto electronics and fiber optic communication	21UPH5M1C						
	IV	Skill Based Elective – I	TV repair and maintenance	21UPH5S1A	2	2	3	25	75	100
			Instrumentation -I	21UPH5S1B						
			Communication System	21UPH5S1C						
	IV	Skill Based Elective – II	Cell Phone Servicing	21UPH5S2A	2	2	3	25	75	100
			Instrumentation -II	21UPH5S2B						
			Electrical Appliances	21UPH5S2C						
	IV	Soft Skill Development	Soft Skill Development	21U5SS	2	2	3	25	75	100
TOTAL					**30**	**29**		**215**	**585**	**800**
III Year / VI Sem	III	Core Course – XIII	Material Science	21UPH6C13	6	6	3	25	75	100
		Core Course –XIV	Digital Electronics	21UPH6C14	6	6	3	25	75	100
		Core Course – XV	Major Practical- VI (Electronics)	21UPH6C15P	6	5	3	40	60	100
		Major Based Elective – II	Energy Sources	21UPH6M2A	5	4	3	25	75	100
			Nuclear Physics	21UPH6M2B						

Note:

Employability **Entrepreneurship** **Skill Development**

			Fundamentals of Microprocessor	21UPH6M2C						
		Major Based Elective – III	Astrophysics	21UPH6M3A	6	4	3	25	75	100
			Statistical Mechanics	21UPH6M3B						
			Computer Programming in "C" language	21UPH6M3C						
	IV	Gender Studies	Gender Studies	21U6GS	1	1	3	25	75	100
	V	Extension Activities	Extension Activities		-	1	-	-	-	-
TOTAL					**30**	**27**		**165**	**435**	**600**
GRAND TOTAL					**180**	**140**		**1090**	**2910**	**4000**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE
OF ARTS AND SCIENCE FOR WOMEN
(AUTONOMOUS),
PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

	DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS) (Affiliated to Bharathidasan University, Tiruchirappalli) (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	
NAAC	**CRITERIA – I**	**METRIC 1.1.3**

B.Lit., TAMIL

Year/ Sem	Part	Course	Course Title	Course Code	Ins. Prd/ Week	Credit	Exam Hrs	Marks		Total
								IA	UE	
I Year / I Sem	I	Language Course – I	Cheyul (IkkalaIlakkiyam) Sirukathai, Ilakkiyavaralaru / Hindi / Arabic / French / Sanskrit	21U1LT1/ 21U1LH1/ 21U1LA1/ 21U1LF1/ 21U1LS1/	6	3	3	25	75	100
	II	English Language Course – I	English for communication-I	21U1EL1	6	3	3	25	75	100
	III	Core Course - I	IkkalaIlakkiyam	21UTA1C1	5	5	3	25	75	100
		Core Course - II	NannulElutthathigaram	21UTA1C2	5	4	3	25	75	100
		Allied course -I	Thamizhar Varalarum Panbadum	21UTA1A1	4	3	3	25	75	100
		Allied course -II	Nadakatamil	21UTA1A2	2	-	-	-	-	-
	IV	Environmental studies	Sutruppura Suzhaliyal	21U1EVS	2	2	3	25	75	100
	TOTAL				**30**	**20**		**150**	**450**	**600**
	I	Language Course - II	Cheyul (IdaikalaIlakkiyam) Puthinam / Hindi / Arabic /	21U2LT2/ 21U2LH2/ 21U2LA2/ 21U2LF2/ 21U2LS2	6	3	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

I Year / II Sem			French / Sanskrit							
	II	English Language Course - II	English for communication-II	21U2EL2	6	3	3	25	75	100
	III	Core Course-III	Nannul - Sollathikaram	21UTA2C3	5	5	3	25	75	100
		Core Course –IV	Nattuppuraviyal	21UTA2C4	5	4	3	25	75	100
		Allied course -II	Nadakatamil	21UTA1A2	2	3	3	25	75	100
		Allied Course-III	Ilakiyathiranaivu	21UTA2A3	4	3	3	25	75	100
	IV	Value Education	Value Education	21U2VED	2	2	3	25	75	100
	TOTAL				**30**	**23**		**175**	**525**	**700**
II Year / III Sem	I	Language Course – III	Cheyul (Kappiyangal) Urainadai, Hindi / Arabic / French / Sanskrit	21U3LT3/ 21U3LH3/ 21U3LA3/ 21U3LF3/ 21U3LS3	6	3	3	25	75	100
	II	English Language Course - III	English through literature	21U3EL3	6	3	3	25	75	100
	III	Core Course -V	Yaparunkala karigai	21UTA3C5	5	5	3	25	75	100
		Core Course -VI	NambiagaporulVilakam	21UTA3C6	5	4	3	25	75	100
		Allied Course –IV	Tamil Ilakkiyavaralaru	21UTA3A4	4	3	3	25	75	100
		Allied Course –V	Ilakiyathilmanidh	21UTA3A5	2	-	-	-	-	-

Note:

Employability **Entrepreneurship** **Skill Development**

			aurimaikal							
	IV	Non Major Elective Course-I	A) GanthiyaSinthanaigal	21UTA3N1A	2	2	3	25	75	100
			B) Seidhikkalai	21UTA3N1B						
			C) PaniThervuTamil	21UTA3N1C						
			D) BasicTamil - 1	21U3BT1						
			E) Special Tamil -1	21U3ST1						
	TOTAL				**30**	**20**		**150**	**450**	**600**
II Year / IV Sem	I	Language Course – IV	PalanthamilCheyulumNadakamum Hindi / Arabic / French / Sanskrit	21U4LT4/ 21U4LH4/ 21U4LA4/ 21U4LF4/ 21U4LS4	6	3	3	25	75	100
	II	English Language Course -IV	English for competitive examination	21U4EL4	6	3	3	25	75	100
	III	Core Course -II	Tholkappiyam – Ezhuthathikaram	21UTA4C7	5	5	3	25	75	100
		Core Course-VIII	PurapporulVenpamalai	21UTA4C8	5	4	3	25	75	100
		Allied Course -V	Ilakiyathilmanidhaurimaigal	21UTA3A5	2	3	3	25	75	100
		Allied Course -VI	Pengalukkanasattangal	21UTA4A6	4	3	3	25	75	100
	IV	Non Major Elective Course-II	A)SalaipaathukappuVithikal	21UTA4N2A	2	2	3	25	75	100
			B) Reporting & Editing	21UTA4N2B						
			C)Nalithal Uruvakamumvadivamaipum	21UTA4N2C						
			D) Basic Tamil- 2	21U4BT2						
			E) Special Tamil-2	21U4ST2						

Note:

Employability **Entrepreneurship** **Skill Development**

	DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS) (Affiliated to Bharathidasan University, Tiruchirappalli) (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	
NAAC	**CRITERIA – I**	**METRIC 1.1.3**

	TOTAL				**30**	**23**		**175**	**525**	**700**
III Year / V Sem		Core Course – IX	Tholkappiyam – Sollathikaram	21UTA5C9	5	5	3	25	75	100
	III	Core Course – X	Samayaillakiyam	21UTA5C10	5	4	3	25	75	100
		Core Course – XI	Kappiyam	21UTA5C11	5	5	3	25	75	100
		Core Course – XII	Sitrilakkiyam	21UTA5C12	5	5	3	25	75	100
	IV	Major Based Elective – I	A)PayanmuraiTamizh	21UTA5M1A	4	4	3	25	75	100
			B)Kalvetiyal	21UTA5M1B						
			C)Payanpaatutamil	21UTA5M1C						
		Skill Based Elective – I	A)Pharmacognosy	21UTA5S1A	2	2	3	25	75	100
			B) Herbs & Drugs Action	21UTA5S1B						
			C) Sutrulaviyal	21UTA5S1C						
		Skill Based Elective – II	A) Tourism and travel agency	21UTA5S2A	2	2	3	25	75	100
			B) Cultural tourism in India	21UTA5S2B						
			C) Tourismproduct	21UTA5S2C						
		Soft Skill Development	Soft Skills Development	21U5SS	2	2	3	25	75	100
	TOTAL				**30**	**29**		**200**	**600**	**800**
III Year		Core Course -XIII	Tholkappiyam – Porulathikaram	21UTA6C13	6	5	3	25	75	100
		Core Course -XIV	Sangaillakiyam-Ettuthogai	21UTA6C14	6	5	3	25	75	100
		Core Course - XV	Padaipillakiyam	21UTA6C15	6	5	3	25	75	100
		Major Based Elective –II	A)Ithazhiyal	21UTA6M2A	6	4	3	25	75	100
			B)Thakavalthodar bukalai	21UTA6M2B						

Note:

Employability **Entrepreneurship** **Skill Development**

/ VI Sem	III		C)Ilakiyaithalkal	21UTA6M2C						
		Major Based Elective –III	A).Nattupurakadhaipadalkal	21UTA6M3A	5	4	3	25	75	100
			B)Ariviyaltamil	21UTA6M3B						
			C)aniniioorarimugam	21UTA6M3C						
	IV	Gender Studies	Gender Studies	21U6GS	1	1	3	25	75	100
	V	Extension Activities	Extension Activities			1				
	TOTAL				**30**	**25**		**150**	**450**	**600**
	GRAND TOTAL				**180**	**140**		**1000**	**3000**	**4000**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE
OF ARTS AND SCIENCE FOR WOMEN
(AUTONOMOUS),
PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

	DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS) (Affiliated to Bharathidasan University, Tiruchirappalli) (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	
NAAC	**CRITERIA – I**	**METRIC 1.1.3**

PG CURRICULUM FROM 2020 ONWARDS

M.Sc., BIOCHEMISTRY

Year / Sem	Course	Course Title	Course Code	Ins. Prd/ Week	Credit	Exam Hrs	Marks		Total
							IA	UE	
I Year I Semester	Core Course - I	Chemistry of Biomolecules	20PBC1C1	6	5	3	25	75	100
	Core Course - II	Analytical Techniques	20PBC1C2	5	4	3	25	75	100
	Core Course - III	Advanced Human Physiology	20PBC1C3	5	4	3	25	75	100
	Core Practical-IV	Lab in Chemistry of Bimolecules Analytical Techniques Human Physiology	20PBC1C4P	6	3	6	40	60	100
	Elective - I	Advanced Microbiology	20PBC1E1A	5	4	3	25	75	100
		Advanced Human Genetics	20PBC1E1B						
	Application Oriented Course -I	Environmental Toxicology	20PBC1A1	3	3	3	25	75	100
	TOTAL			**30**	**23**	**-**	**165**	**435**	**600**
I Year II Semester	Core Course - V	Enzymology	20PBC2C5	6	5	3	25	75	100
	Core Course-VI	Metabolism & Regulation	20PBC2C6	5	4	3	25	75	100
	Core Course-VII	Cell & Molecular biology	20PBC2C7	5	4	3	25	75	100
	Core Practical - VIII	Lab in Enzymology Metabolism & Regulation Cell & Molecular biology	20PBC2C8P	6	3	6	40	60	100
	Elective - II	Biostatistics & Bioinformatics	20PBC2E2A	5	4	3	25	75	100
		Biomedical Instrumentation	20PBC2E2B						

Note:

Employability **Entrepreneurship** **Skill Development**

	Application Oriented Course - II	Advanced Dietetics	20PBC2A2	3	3	3	25	75	100
	TOTAL			**30**	**23**	-	165	435	**600**
II Year III Semester	Core Course - IX	Advanced Immunology	20PBC3C9	6	6	3	25	75	100
	Core Course - X	Clinical Biochemistry	20PBC3C10	6	5	3	25	75	100
	Core Course-XI	Plant and animal Biotechnology	20PBC3C11	5	5	3	25	75	100
	Core Practical - XII	Lab in Immunology Clinical biochemistry Plant & Animal Biotechnology	20PBC2C12P	8	4	6	40	60	100
	Elective-III	Endocrinology	20PBC3E3A	5	4	3	25	75	100
TOTAL				**30**	**24**	-	140	360	**500**
II Year IV Semester		Microbial & Industrial Biotechnology	20PBC3E3B						
	Core Course -XIII	Genetic Engineering	20PBC4C13	6	5	3	25	75	100
		Project	20PBC4PW	24	15	3	50	150	200
TOTAL				**30**	**20**	-	**25**	**75**	**300**
GRANDTOTAL				**120**	**90**		**495**	**1305**	**2000**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE
OF ARTS AND SCIENCE FOR WOMEN
(AUTONOMOUS),
PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

M.Sc., BIOTECHNOLOGY

Year /Sem	Course	Course Title	Course Code	Ins. Prd/ Week	Credit	Exam Hrs	Marks		Total
							IA	UE	
I Year I Semester	Core Course-I	Cell biology	20PBT1C1	6	5	3	25	75	100
	Core Course-II	Microbiology	20PBT1C2	5	4	3	25	75	100
	Core Course-III	Biochemistry	20PBT1C3	5	4	3	25	75	100
	Core Course-IV	Lab in Cell Biology, Molecular Biology and Biochemistry.	20PBT1C4P	6	3	6	40	60	100
	Elective Course-I	A) Bioinformatics	20PBT1E1A	5	4	3	25	75	100
		B) Solid waste management	20PBT1E1B						
	Application oriented course - I	Food Safety and Quality Control	20PBT1A1	3	3	3	25	75	100
TOTAL				**30**	**23**				**600**
I Year II Semester	Core Course - V	Molecular Biology	20PBT2C5	6	5	3	25	75	100
	Core Course - VI	Recombinant DNA technology	20PBT2C6	5	4	3	25	75	100
	Core Course - VII	Environmental Biotechnology	20PBT2C7	5	4	3	25	75	100
	Core Course - VIII	Lab in Molecular Biology, Recombinant DNA technology and Environmental Biotechnology	20PBT2C8P	6	3	6	40	60	100
	Elective Course - II	A) Advanced Instrumentation for biotechnology	20PBT2E2A	5	4	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

		B) IPR, Biosafety, Bioethics	20PBT2E2B						
	Application oriented course–II	Pharmaceutical Biotechnology	20PBT2A2	3	3	3	40	75	100
TOTAL				**30**	**23**				**600**
II Year III Semester	Core Course - IX	Animal Biotechnology	20PBT3C9	6	6	3	25	75	100
	Core Course - X	Plant Biotechnology	20PBT3C10	6	5	3	25	75	100
	Core Course - XI	Bioprocess Technology	20PBT3C11	5	5	3	25	75	100
	Core Course - XII	Lab in Animal Biotechnology, Plant Biotechnology and Bioprocess Technology.	20PBT3C12P	8	4	6	40	60	100
	Elective Course - III	A) Immunotechnology	20PBT3E3A	5	4	3	25	75	100
		B) Marine Biotechnology	20PBT3E3B						
TOTAL				**30**	**24**				**500**
II Year IV Semester	Core course XIII	Basics of Research and Entrepreneurship	20PBT4C13	6	5	3	25	75	100
	Project	Project work	20PBT4PW	24	15				200
		Total		**30**	**20**				**300**
GRANDTOTAL				**120**	**90**				**2000**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS), PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

M.B.A.

Year /Sem	Course	Course Title	Course Code	Ins. Prd/ Week	Credit	Exam Hrs	Marks		Total
							IA	UE	
I Year I Semester	Core Course - I	Management Concepts	20PBA1C1	5	5	3	25	75	100
	Core Course - II	Organizational Behavior	20PBA1C2	5	5	3	25	75	100
	Core Course - III	Accounting for Managerial Decision	20PBA1C3	5	5	3	25	75	100
	Core Course - IV	Mathematics and Statistics	20PBA1C4	5	5	3	25	75	100
	Core Course -V	Managerial Communication	20PBA1C5	4	4	3	25	75	100
	Core Course -VI	Human Resource Management	20PBA1C6	4	4	3	25	75	100
	Application Oriented Course – I	IT Skills for Managers	20PBA1A1	2	2	3	25	75	100
	TOTAL			**30**	**30**	**-**	**175**	**525**	**700**
I year II Semester	Core Course - VII	Managerial Economics	20PBA2C7	5	5	3	25	75	100
	Core Course – VIII	Production management	20PBA2C8	5	5	3	25	75	100
	Core Course- IX	Financial Management	20PBA2C9	5	4	3	25	75	100
	Core Course - X	Business Research	20PBA2C10	5	4	3	25	75	100
	Core Course - XI	Operation Research	20PBA2C11	4	4	3	25	75	100
	Core Course - XII	Marketing Management	20PBA2C12	4	4	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

	Application Oriented Course – II	Advanced Spread Sheet Application For Manager Lab	20PBA2A2	2	2	3	25	75	100
	Internship	Internship training			2				
	TOTAL			**30**	**30**	**-**	**175**	**525**	**700**
II year III Semester	Core Course - XIII	Strategic Management	20PBA3C13	6	5	3	25	75	100
	Core Course - XIV	Legal aspects of Business	20PBA3C14	6	5	3	25	75	100
	ELECTIVES	Specialisation (major)	20PBA3…..	4	4	3	25	75	100
		Specialisation (major)	20PBA3…..	4	4	3	25	75	100
		Specialisation (minor)	20PBA3…..	4	4	3	25	75	100
		Specialisation (minor)	20PBA3…..	4	4	3	25	75	100
	Soft Skill	Managerial Effectiveness	20PBA3SS1	2	2	3	25	75	100
	TOTAL			**30**	**28**	**-**	**175**	**525**	**700**
II Year IV Semester	Core Course – XV	Entrepreneurial Development & International Business	20PBA4C15	6	5	3	25	75	100
	Core Course – XVI	Total Quality Management	20PBA4C16	6	5	3	25	75	100
	ELECTIVES	Specialisation (major)	20PBA4……	4	4	3	25	75	100
		Specialisation (major)	20PBA4……	4	4	3	25	75	100
		Specialisation (minor)	20PBA4……	4	4	3	25	75	100
		Specialisation (minor)	20PBA4……	4	4	3	25	75	100
	Project	Project	20PBA4PW	2	6	-			100

Note:

Employability **Entrepreneurship** **Skill Development**

	TOTAL	**30**	**32**		**150**	**450**	**700**
	GRAND TOTAL	**120**	**120**		**675**	**2025**	**2800**

List of Electives for MBA Program

Each student has to opt for Dual specialization from the following functional areas:

a) Financial Management
b) Human Resource Management
c) Marketing Management
d) Systems
E) Operations Management

The student has to choose two electives from each of the functional areas in third and fourth semester as per the following list.

Year / Sem	Course	Course Title	Course Code	Ins. Prd/ Week	Credit	Exam Hrs	Marks		Total
							IA	UE	
A : FINANCE									
II year III Semester	Elective Course – I	Security Analysis and Portfolio Management	20PBA3EF1	4	4	3	25	75	100
	Elective Course – II	Financial modelling using Excel	20PBA3EF2	4	4	3	25	75	100
	Elective Course – III	Strategic Financial Management	20PBA3EF3	4	4	3	25	75	100
Year IV Seme	Elective Course – IV	Merger & Acquisition	20PBA4EF4	4	4	3	25	75	100
	Elective	Investment	20PBA4EF5	4	4	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

	Course – V	Management							
	Elective Course –V I	International Financial Management	20PBA4EF6	4	4	3	25	75	100
B : HUMAN RESOURCE MANAGEMENT									
II year III Semester	Elective Course – I	Human Resource Development	20PBA3EH1	4	4	3	25	75	100
	Elective Course – II	Organization change and development	20PBA3EH2	4	4	3	25	75	100
	Elective Course – III	Conflict and Negotiation Management	20PBA3EH3	4	4	3	25	75	100
II year IV Semester	Elective Course – IV	Compensation management	20PBA4EH4	4	4	3	25	75	100
	Elective Course – V	Performance management	20PBA4EH5	4	4	3	25	75	100
	Elective Course – VI	Employee empowerment & Engagement	20PBA4EH6	4	4	3	25	75	100
C : MARKETING									
II year III Semester	Elective Course – I	Digital Marketing	20PBA3EM1	4	4	3	25	75	100
	Elective Course – II	Promotional management	20PBA3EM2	4	4	3	25	75	100
	Elective Course ςIII	Consumer Behavior	20PBA3EM3	4	4	3	25	75	100
II year IV Semester	Elective Course – IV	Marketing Analytics	20PBA4EM4	4	4	3	25	75	100
	Elective Course – V	Leading social Enterprise	20PBA4EM5	4	4	3	25	75	100
	Elective Course ςVI	Brand Management	20PBA4EM6	4	4	3	25	75	100
D : SYSTEMS									
II year II Semester	Elective Course – I	Software Engineering	20PBA3ES1	4	4	3	25	75	100
	Elective Course – II	Business Analytics And Business	20PBA3ES2	4	4	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

		Intelligence							
	Elective Course ςIII	Software Project Management	20PBA3ES3	4	4	3	25	75	100
II year IV Semester	Elective Course – IV	Relational database management	20PBA4ES4	4	4	3	25	75	100
	Elective Course – V	Principles of Deep Learning	20PBA4ES5	4	4	3	25	75	100
	Elective Course ςVI	Data Mining & Data Warehousing	20PBA4EF6	4	4	3	25	75	100
E : OPERATIONS									
II year III Semester	Elective Course – I	Logistics And Supply Chain Management	20PBA3EO1	4	4	3	25	75	100
	Elective Course – II	Advance Operation Research	20PBA3EO2	4	4	3	25	75	100
	Elective Course – III	Operations and production management	20PBA3EO3	4	4	3	25	75	100
II year III Semester	Elective Course – IV	Material Management	20PBA4EO4	4	4	3	25	75	100
	Elective Course – V	Lean Manufacturing	20PBA4EO5	4	4	3	25	75	100
	Elective Course – VI	World Class Manufacturing	20PBA4EO6	4	4	3	25	75	100

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS), PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

M.Sc., CHEMISTRY

Year/ Sem	Course	Course Title	Course Code	Ins. Prd/ Week	Credit	Exam Hrs	Marks		Total
							IA	UE	
I year I Semester	Core Course – I	Inorganic Chemistry - I	20PCH1C1	5	4	3	25	75	100
	Core Course – II	Organic Chemistry - I	20PCH1C2	5	4	3	25	75	100
	Core Course – III	Inorganic Chemistry Practical - I	20PCH1C3P	6	4	6	40	60	100
	Core Course - IV	Organic Chemistry Practical - I	20PCH1C4P	6	4	6	40	60	100
	Elective Course – I	A) Analytical Chemistry	20PCH1E1A	5	4	3	25	75	100
		B) Material Chemistry	20PCH1E1B						
	Application Oriented Course - I	Detergents and Fuels	20PCH1A1	3	3	3	25	75	100
			Total	**30**	**23**	**-**	**180**	**420**	**600**
I year II Semester	Core Course –V	Inorganic Chemistry - II	20PCH2C5	5	4	3	25	75	100
	Core Course –VI	Organic Chemistry – II	20PCH2C6	5	4	3	25	75	100
	Core Course –VII	Inorganic Chemistry Practical - II	20PCH2C7P	6	4	6	40	60	100
	Core Course –VIII	Organic Chemistry Practical –II	20PCH2C8P	6	4	6	40	60	100
	Elective Course -II	A) Supramolecular Chemistry	20PCH2E2A	5	4	3	25	75	100
		B) Industrial Chemistry	20PCH2E2B						
	Application Oriented Course-II	Food and Drugs	20PCH2A2	3	3	3	25	75	100
			Total	**30**	**23**	**-**	**180**	**420**	**600**
I I I	Core Course	Physical Methods	20PCH3C9	6	5	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

	–IX	in Chemistry							
	Core Course –X	Bio-organic Chemistry	20PCH3C10	6	5	3	25	75	100
	Core Course –XI	Physical Chemistry -I	20PCH3C11	6	5	3	25	75	100
	Core Course-XII	Physical Chemistry Practical	20PCH3C12P	7	5	6	40	60	100
	Elective Course–III	a) Polymer chemistry	20PCH3E3A	5	4	3	25	75	100
		b)Chemistry of Nano science and Nano Technology	20PCH3E3B						
			Total	**30**	**24**	**-**	**140**	**360**	**500**
II year IV Semester	Core Course –XIII	Physical Chemistry -II	20PCH4C13	6	5	3	25	75	100
	Project	Project Work	20PCH4PW	24	15	-	-	-	200
Total				**30**	**20**	-	**25**	**75**	**300**
Grand Total				**120**	**90**	-	**525**	**1275**	**2000**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE
OF ARTS AND SCIENCE FOR WOMEN
(AUTONOMOUS),
PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

	DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS) (Affiliated to Bharathidasan University, Tiruchirappalli) (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	
NAAC	**CRITERIA – I**	**METRIC 1.1.3**

M.Com.

Year/ Sem	Course	Course Title	Course Code	Ins. Prd/ Week	Credit	Exam Hrs	Marks		Total
							IA	UE	
I Year I Semester	Core Course-I	Managerial Economics	20PCO1C1	6	5	3	25	75	100
	Core Course – II	Advanced Financial Management	20PCO1C2	6	5	3	25	75	100
	Core Course – III	Indian Financial System	20PCO1C3	6	5	3	25	75	100
	Elective Course – I	A. Entrepreneurial Development	20PCO1E1A	6	4	3	25	75	100
		B. Service Marketing	20PCO1E1B						
	Application Oriented Course - I	Accounting Package (with Practical)	20PCO1A1T 20PCO1A1P	6	2+1	2+2	25	75	100
TOTAL				**30**	**22**				**500**
I Year II Semester	Core Course–IV	Research Methodology	20PCO2C4	6	5	3	25	75	100
	Core Course-V	Quantitative Techniques for Business Decisions	20PCO2C5	6	5	3	25	75	100
	Core Course -VI	Strategic Management	20PCO2C6	6	5	3	25	75	100
	Elective Course – II	A. Human Resource Management	20PCO2E2A	6	4	3	25	75	100
		B. Tourism Development	20PCO2E2B						
	Application Oriented Course - II	Internet (with practical)	20PCO2A2T 20PCO2A2P	6	2+1	2+2	25	75	100
TOTAL				**30**	**22**				**500**
II Year III Semester	Core Course –VII	Advanced Corporate Accounting	20PCO3C7	6	5	3	25	75	100
	Core Course –VIII	Organizational Behavior	20PCO3C8	6	5	3	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

	Core Course - IX	Goods and Services Tax	20PCO3C9	6	4	3	25	75	100
	Core Course - X	Corporate Laws	20PCO3C10	6	4	3	25	75	100
	Elective Course – III	A. Insurance Management	20PCO3E3A	6	4	3	25	75	100
		B. Retail Management	20PCO3E3B						
TOTAL				**30**	**22**				**500**
II Year IV Semester	Core Course – XI	Industrial Relations	20PCO4C11	6	5	3	25	75	100
	Core Course - XII	Cost and Management Accounting	20PCO4C12	6	5	3	25	75	100
	Core Course - XIII	Investment Management	20PCO4C13	6	5	3	25	75	100
	Elective Course–IV	A. Customer Relationship Management	20PCO4E4A	6	4	3	25	75	100
		B. Sales Management	20PCO4E4B						
	Project	Project Work Dissertation (80 marks)Viva voce (20marks)	20PCO4PW	6	5				100
TOTAL				**30**	**24**				**500**
GRANDTOTAL				**120**	**90**				**2000**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS), PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**

	DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS) (Affiliated to Bharathidasan University, Tiruchirappalli) (Nationally Re-Accredited with 'A' Grade by NAAC) Perambalur – 621212	
NAAC	**CRITERIA – I**	**METRIC 1.1.3**

M.Com., CA

Year/ Sem	Course	Course Title	Course Code	Ins. Prd/ Week	Credit	Exam Hrs	Marks		Total
							IA	UE	
I Year I Semester	Core Course- I	Managerial Economics	20PCOA1C1	6	5	3	25	75	100
	Core Course-II	RDBMS	20PCOA1C2	6	5	3	25	75	100
	Core Course-III	Management Information System	20PCOA1C3	6	5	3	25	75	100
	Elective Course- I	A. Entrepreneurial Development	20PCOA1E1A	6	4	3	25	75	100
		B. Service Marketing	20PCOA1E1B						
	Application Oriented Course - I	Accounting Package with Practical	20PCOA1A1T 20PCOA1A1P	6	2+1	2+2	25	75	100
TOTAL				**30**	**22**				**500**
I Year II Semester	Core Course-IV	Research Methodology	20PCOA2C4	6	5	3	25	75	100
	Core Course-V	Quantitative Techniques for Business Decisions	20PCOA2C5	6	5	3	25	75	100
	Core Course-VI	E- Commerce	20PCOA2C6	6	5	3	25	75	100
	Elective Course-II	A. Human Resource Management	20PCOA2E2A	6	4	3	25	75	100
		B. Tourism Development	20PCOA2E2B						
	Application Oriented Course- II	Internet with Practical	20PCOA2A2T 20PCOA2A2P	6	2+1	2+2	25	75	100
TOTAL				**30**	**22**				**500**
II Year III Semester	Core Course – VII	Advanced Corporate Accounting	20PCOA3C7	6	5	3	25	75	100
	Core Course – VIII	Page Maker With Practical	20PCOA3C8T 20PCOA3C8P	6	3+2	2+2	25	75	100
	Core Course – IX	Goods and services tax	20PCOA3C9	6	4	3	25	75	100
	Core Course – X	Scripting Languages	20PCOA3C10P 20PCOA3C10T	6	2+2	2+2	25	75	100

Note:

Employability **Entrepreneurship** **Skill Development**

	Elective Course – III	A. Insurance Management	20PCOA3E3A	6	4	3	25	75	100
		B. Retail Management	20PCOA3E3B						
TOTAL				**30**	**22**				**500**
II Year IV Semester	Core Course – XI	Industrial Relations	20PCOA4C11	6	5	3	25	75	100
	Core Course – XII	Cost & Management Accounting	20PCOA4C12	6	5	3	25	75	100
	Core Course-XIII	Programming in C++ (with practical)	20PCOA4C13T 20PCOA4C13P	6	3+2	2+2	25	75	100
	Elective Course – IV	A. Customer Relationship	20PCOA4E4A	6	4	3	25	75	100
		B. Sales Management	20PCOA4E4B						
	Project	Project Work Dissertation (80 marks)Viva voce (20 marks)	20PCOA4PW	6	5				100
TOTAL				**30**	**24**				**500**
GRAND TOTAL				**120**	**90**				**2000**

PRINCIPAL
DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN (AUTONOMOUS), PERAMBALUR - 621 212.

Note:

Employability **Entrepreneurship** **Skill Development**