



Guru Nanak College (Autonomous)

(Affiliated to University of Madras & Re-Accredited At "A" Grade by NAAC)

No. 161, Guru Nanak Salai, Velachery, Chennai - 600042, Tamil Nadu

Website: www.gurunanakcollege.edu.in

1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented

Supporting Documents

|| COURSE STRUCTURE OF PROGRAMMES ||

	GURU NANAK COLLEGE (AUTONOMOUS) Affiliated to the University of Madras Accredited by NAAC at "A" Grade. ISO Certified (9001 - 2015) Guru Nanak Salai, Velachery, Chennai - 600 042.
CERTIFIED DOCUMENTS	
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GURU NANAK COLLEGE (AUTONOMOUS)

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Guru Nanak Salai, Velachery, Chennai 600042



COURSE STRUCTURE OF PROGRAMMES

Course Structure - Index

S. No	Programmes	Year
School of Humanities		
1	B.A (Economics)	2016-17
2	B.A (Defence & Strategic Studies)	2016-17
3	B.A (English Literature)	2016-17
4	M.A (Economics)	2016-17
5	M.S.W	2016-17
6	M.A (Defence & Strategic Studies)	2019-20
7	M.Phil (Economics)	2016-17
School of Sciences		
8	B.Sc (Mathematics)	2016-17
9	B.Sc (Physics)	2016-17
10	B.Sc (Chemistry)	2016-17
11	B.Sc (Plant Biology & Biotechnology)	2016-17
12	B.Sc (Advanced Zoology & Biotechnology)	2016-17
13	B.Sc (Biotechnology)	2017-18
14	B.Sc (Visual Communication)	2016-17
15	M.Sc (Chemistry)	2016-17
16	M.Sc (Mathematics)	2016-17
17	M.Sc (Zoology)	2016-17
18	M.Phil (Zoology)	2016-17
School of Commerce		
19	B.Com (General) I & II	2016-17
20	B.Com (Corporate Secretaryship I & II)	2016-17
21	B.Com (Accounting & Finance)	2016-17
22	B.Com (Honours)	2016-17
23	M.Com (General)	2016-17
School of Management		
24	B.B.A	2016-17
25	B.Com (Bank Management)	2016-17
26	B.Com (Marketing Management)	2016-17
27	M.B.A	2016-17
School of Information Technology		
28	B.C.A	2016-17
29	B.Sc (Computer Science)	2016-17
30	B.Com (Information System Management)	2016-17
31	B.Sc (Information Technology)	2018-19
32	M.C.A	2016-17

B.A. ECONOMICS									
COURSE STRUCTURE 2016-17 BATCH									
Semester	Part	Course Component	Subject Code	Subject Name	Credits	Hours	Internal	External	Total
Semester - I	I	Language	16UTAMF01	Tamil - I / Other Language	3	6	50	50	100
	II	English	16UENGF41	English - I	3	4	50	50	100
	III	Core-I	16UECOC01	Micro Economics- I	4	6	50	50	100
	III	Core-II	16UECOC02	Statistical Methods - I	4	5	50	50	100
	III	Allied-I	16UECOA01	Industrial Economics	5	5	50	50	100
	IV	Non Major Elective-I	16UNME01A	Basics of Capital Market	2	2		100	100
	IV	Soft Skills-I	16UGSLS01	Listening and Speaking Skills	3	2		100	100
Total Credits -24, Total Hours/ week-30									
Semester - II	I	Language	16UTAMF02	Tamil - II / Other Language	3	6	50	50	100
	II	English	16UENGF42	English - II	3	4	50	50	100
	III	Core-III	16UECOC03	Micro Economics- II	4	6	50	50	100
	III	Core-IV	16UECOC04	Statistical Methods - II	4	5	50	50	100
	III	Allied-II	16UECOA02	Entrepreneurial Development -I	5	5	50	50	100
	IV	Non Major Elective-II	16UNME02A	Indian Economy for Civil Service Exam	2	2		100	100
	IV	Soft Skills-II	16UGSLS02	Reading and Writing Skills	3	2		100	100
Total Credits -24, Total Hours/ week-30									
Semester - III	III	Language	16UTAMF03	Tamil - III / Other Language	3	6	50	50	100
	III	English	16UENGF43	English - III	3	4	50	50	100
	III	Core-V	16UECOC05	Macro Economics - I	4	6	50	50	100
	III	Core-VI	16UECOC06	Money and Banking - I	4	6	50	50	100
	III	Allied-III	16UECOA03	Basic mathematics for Economists	5	6	50	50	100
	IV	Soft Skills-III	16UGSLS03	Personality Enrichment	3	2		100	100
Total Credits -22, Total Hours/ week-30									
Semester - IV	III	Language	16UTAMF04	Tamil - IV/ Other Language	3	6	50	50	100
	III	English	16UENGF44	English - IV	3	4	50	50	100
	III	Core-VII	16UECOC07	Macro Economics - II	5	5	50	50	100
	III	Core-VIII	16UECOC08	Money and Banking - II	4	5	50	50	100
	IV	Allied-IV	16UECOA04	Basic Econometric Methods	5	6	50	50	100
	IV	EVS	16UEVS401	Environmental Studies	2	2		100	100
	IV	Soft Skills-IV	16UGSLS04	Computing Skills	3	2		100	100
Total Credits -25, Total Hours/ week-30									
Semester - V	III	Core-IX	16UECOC09	Indian Economic Development - I	4	6	50	50	100
	III	Core-X	16UECOC10	Fiscal Economics - I	4	6	50	50	100
	III	Core-XI	16UECOC11	International Economics - I	4	6	50	50	100
	III	Core-XII	16UECOC12	Development of Economics of Doctrine	4	6	50	50	100
	III	Elective-I	16UECOE01	Economics of Population Studies	5	4	50	50	100
	IV	Value Education	16UVED401	Value Education	2	2		100	100
Total Credits -23, Total Hours/ week-30									
Semester - VI	III	Core-XIII	16UECOC13	Indian Economic Development- II	4	6	50	50	100
	III	Core-XIV	16UECOC14	Fiscal Economics - II	4	6	50	50	100
	III	Core-XV	16UECOC15	International Economics - II	4	6	50	50	100
	III	Elective-II	16UECOE02	Marketing	4	6	50	50	100
	III	Elective-III	16UECOE03	Urban Economics	5	6	50	50	100
	V	Extension Activities		Extension Activities	1				
Total Credits -22, Total Hours/ week-30									
Grand Total Credits -140 Total Hours/ week-180									

B.A. DEFENCE AND STRATEGIC STUDIES COURSE STRUCTURE 2016-17 BATCH

Semester	Part	Course Component	Subject Code	Subject Name	Credits	Hours	Internal	External	Total
Semester - I	I	Language	16UTAMF01	Tamil I	3	6	50	50	100
	II	English	16UENGF41	English I	3	6	50	50	100
	III	Core Paper-I	16UDEFC01	Strategic Study of India	4	5	50	50	100
	III	Core Paper-II	16UDEFC02	Fundamentals of War and Peace	4	5	50	50	100
	III	Allied-I	16UDEFA01	An Introduction to Political Science-I	5	6	50	50	100
	IV	Non-Major Elective-I	16UMNE01B	Independent India	2	2		100	100
	IV	Soft Skills-I	17UGSLS01	Essentials of Language and Communication	3			100	100
Total Credits -24, Total Hours/ week-30									
Semester - II	I	Language	16UTAMF02	Tamil II	3	6	50	50	100
	II	English	16UENGF42	English II	3	6	50	50	100
	III	Core Paper-III	16UDEFC03	Art of Warfare in India (up to 1947)	4	5	50	50	100
	III	Core Paper-IV	16UDEFC04	World Military History	4	5	50	50	100
	III	Allied-II	16UDEFA02	An Introduction to Political Science –II	5	6	50	50	100
	IV	Non-Major Elective-II	16UNME02B	Human Rights	2	2	-	100	100
	IV	Soft Skills-II	17UGSLS02	Essentials of Spoken English and Presentation Skills	3		-	100	100
Total Credits -24, Total Hours/ week-30									
Semester - III	I	Language	16UTAMF03	Tamil III	3	6	50	50	100
	II	English	16UENGF43	English III	3	6	50	50	100
	III	Core Paper-V	16UDEFC05	Fundamentals of National Security	4	6	50	50	100
	III	Core Paper-VI	16UDEFC06	International Relations	4	6	50	50	100
	III	Allied-III	16UDEFA03	Principles of Economics-I	5	6	50	50	100
	IV	Soft Skills-III	16UGSLS03	Personality Enrichment	3		-	100	100
	IV	EVS	16UEVS401	Environmental Studies		0			
Total Credits -22, Total Hours/ week-30									
Se	1	Language	16UTAMF04	Tamil IV	3	6	50	50	100

	II	English	16UENGF44	English IV	3	6	50	50	100
	III	Core Paper-VII	16UDEFC07	Military Geography and Geo-Politics	4	5	50	50	100
	III	Core Paper-VIII	16UDEFC08	International Organizations	4	5	50	50	100
	IV	Allied-IV	16UDEFA04	Principles of Economics-II	5	6	50	50	100
	IV	Soft Skills-IV	16UGSLS04	English for Competitive Examinations	3		-	100	100
	IV	EVS	16UEVS401	Environmental Studies	2	2	-	100	100
Total Credits -24, Total Hours/ week-30									
Semester - V	III	Core Paper-IX	16UDEFC09	National Security of India	4	6	50	50	100
	III	Core Paper-X	16UDEFC10	Specialized Warfare	4	6	50	50	100
	III	Core Paper-XI	16UDEFC11	Basics of Defence Economics	4	6	50	50	100
	III	Core Paper-XII	16UDEFC12	Higher Defence Organization of India	4	5	50	50	100
	III	Elective-I (Inter-disciplinary Elective)	16UDEFE01	Fundamentals of Journalism	5	5	50	50	100
	IV	Value Education	16UVED401	Value Education	2	2	-	100	100
Total Credits -23, Total Hours/ week-30									
Semester - VI	III	Core Paper-XIII	16UDEFC13	International Law	4	6	50	50	100
	III	Core Paper-XIV	16UDEFC14	Wars in Independent India	4	6	50	50	100
	III	Core Paper-XV	16UDEFC15	Disarmament and Arms Control	4	6	50	50	100
	III	Elective-II	16UDEFE02	Limited Wars	5	6	50	50	100
	III	Elective-III	16UDEFE03	Defence Management	5	6	50	50	100
	V	Extension Activities	16EXTU501	Extension Activities	1				
Total Credits -23, Total Hours/ week-30									
Grand Total Credits -140, Total Hours/ week-180									

B.A. ENGLISH
COURSE STRUCTURE (2016 - 2019 Batch)

Semester	Part	Course Component	Subject Name	Credits	Hours	Internal	External	Total
I	I	Part - I	LANGUAGE - I	3	6	50	50	100
	II	Part - II	ENGLISH - I	3	4	50	50	100
	III	Core I	AGE OF CHAUCER	4	5	50	50	100
		Core II	RESTORATION AGE	4	5	50	50	100
		Allied I	HISTORY OF ENGLISH LITERATURE I	5	6	50	50	100
	IV	Skill	LISTENING AND SPEAKING SKILLS	3	2	50	50	100
		NME I	TECHNICAL WRITING	2	2	50	50	100
CREDIT TOTAL =24 /TOTAL HOURS PER WEEK: 30								
II	I	Part- I	LANGUAGE – II	3	6	50	50	100
	II	Part - II	ENGLISH – II	3	4	50	50	100
	III	Core III	ROMANTIC AGE	4	5	50	50	100
		Core IV	INDIAN WRITING IN ENGLISH	4	5	50	50	100
		Allied II	HISTORY OF ENGLISH LITERATURE II	5	6	50	50	100
	IV	Skill	READING AND WRITING SKILLS	3	2	50	50	100
		NME II	CREATIVE WRITING	2	2	50	50	100
CREDIT TOTAL =24/ TOTAL HOURS PER WEEK: 30								
III	III	Part- I	LANGUAGE – III	3	6	50	50	100
		Part - II	ENGLISH – III	3	4	50	50	100
		Core V	SHAKESPEARE	4	6	50	50	100
		Core VI	VICTORIAN AGE	4	6	50	50	100
		Allied III	LITERARY FORMS	5	6	50	50	100
	IV	Skill	PERSONALITY ENRICHMENT	3	2	50	50	100
CREDIT TOTAL =22/ TOTAL HOURS PER WEEK: 30								
IV	III	Part- I	LANGUAGE – IV	3	6	50	50	100
		Part - II	ENGLISH – IV	3	4	50	50	100
		Core VII	MODERN AGE	4	5	50	50	100
		Core VIII	ENGLISHPHONETICS AND PHONOLOGY	4	5	50	50	100
		Allied IV	MEDIA AND COMMUNICATION	5	6	50	50	100
	IV	Skill Based	COMPUTING SKILLS	3	2	50	50	100
			EVS	2	2		100	100
CREDIT TOTAL =24/ TOTAL HOURS PER WEEK: 30								

V	III	Core IX	AMERICAN LITERATURE	4	6	50	50	100
		Core X	AN INTRODUCTION TO LINGUISTICS	4	6	50	50	100
		Core XI	WOMEN'S WRITING	4	6	50	50	100
		Core XII	LITERARY CRITICISM	4	6	50	50	100
		IDE (Elective I)	TRAVEL WRITING	5	6	50	50	100
	IV		VALUE EDUCATION	2			100	100
CREDIT TOTAL =23/ TOTAL HOURS PER WEEK: 30								
VI	III	Core XIII	INDIAN LITERATURESIN TRANSLATION	4	6	50	50	100
		Core XIV	EUROPEAN DRAMA	4	6	50	50	100
		Core XV	WORLD LITERATURE	4	6	50	50	100
		Elective II	MODERN LATIN AMERICAN LITERATURE	5	6	50	50	100
		Elective III	INTERPRETATION OF LITERATURE	5	6	50	50	100
	V		EXTENSION ACTIVITIES	1				
CREDIT TOTAL =23/ TOTAL HOURS PER WEEK: 30								
OVERALL CREDIT TOTAL =140 /TOTAL HOURS PER WEEK: 180								

M.A. ECONOMICS
COURSE STRUCTURE-2016-18 BATCH

Semester	Part	Course Component	Subject Name	Credits	Hours	Internal	External	Total
Semester - I	I	Core - I	Micro Economics – I	4	6	50	50	100
	I	Core - II	Indian Economic Development -I	4	6	50	50	100
	I	Core - III	Research Methodology	4	6	50	50	100
	II	Elective - I	Energy Economics	3	6	50	50	100
	II	Elective - II	Mathematics for Economists – I	3	6	50	50	100
	IV	Soft Skills-I	Essentials of Language and Communications Skills	2			100	100
Total Credits -20, Total Hours/ week-30								
Semester - II	I	Core - IV	Micro Economics - II	4	6	50	50	100
	I	Core - V	Indian Economic Development -II	4	6	50	50	100
	I	Core - VI	Statistics for Economists	4	6	50	50	100
	II	Elective -III	Mathematics for Economists - II	3	6	50	50	100
	III	Elective -IV	Environmental Economics	3	6	50	50	100
	IV	Soft Skills-II	Computing Skills	2			100	100
Total Credits -20, Total Hours/ week-30								
Semester - III	I	Core - VII	Macro Economics - I	4	6	50	50	100
	I	Core - VIII	Public Economics - I	4	6	50	50	100
	I	Core - IX	International Economics - I	4	6	50	50	100
	II	Elective -V	Economics of Development	3	6	50	50	100
	III	Elective -VI	Health Economics	3	6	50	50	100
	IV	Soft Skills- Internship	Internship	2			100	100
	IV	PIV PG Skill	Managerial Skills	2			100	100
Total Credits -22, Total Hours/ week-30								
Semester - IV	I	Core - X	Macro Economics - II	4	5	50	50	100
	I	Core - XI	Public Economics - II	4	5	50	50	100
	I	Core - XII	International Economics - II	4	5	50	50	100
	I	Core - XIII	Monetary Economics	4	5	50	50	100
	II	Core -XIV	Financial Economics	4	3	50	50	100
	II	Core-XV	Gender Economics	4	3	50	50	100
	II	Elective –VII	Computer Application for Economics	3	4	50	50	100
	II	Soft Skills-IV	Spoken and Presentations Skills	2			100	100
Total Credits -29, Total Hours/ week-30								
Grand Total Credits -91, Total Hours/ week-120								

MASTER OF SOCIAL WORK (MSW)

COURSE STRUCTURE: 2016-18 Batch

Semester	Part	Course Component	Subject Name	Subject Code	Hours	Credits	Internal	External	Total
Semester - I	III	Core Paper- I	Social Work Profession	16PMSWC01	5	3	50	50	100
	III	Core Paper- II	Social Work with Individuals	16PMSWC02	5	3	50	50	100
	III	Core Paper- III	Social Work with Groups	16PMSWC03	5	3	50	50	100
	III	Elective - I	Sociology	16PMSWE01	5	2	50	50	100
	III	Elective - II	Psychology	16PMSWE02	5	2	50	50	100
	III	Core Paper – IV (Field Work)	Concurrent Field Work – I	16PMSWC04	3	6	50	50	100
	IV	Soft Skills -I	Essentials of Language and Communication Skills	16PGSLS01	2	2	50	50	100
			Rural Camp (In between the semester)						
Total Credits -21, Total Hours/ week-30									
Semester - II	III	Core Paper- V	Social Work with Communities and Social Action	16PMSWC05	5	3	50	50	100
	III	Core Paper- VI	Social Work Research and Statistics	16PMSWC06	5	3	50	50	100
	III	Core Paper- VII	Social Welfare Administration	16PMSWC07	5	3	50	50	100
	III	Elective - III	Social Policy and Social Legislation	16PMSWE03	4	2	50	50	100
	III	Elective - IV	Counselling	16PMSWE04	4	2	50	50	100
	III	Core Paper-VIII	Concurrent Field Work – II	16PMSWC08	4	6	50	50	100
	IV	Soft Skills –II	Computing Skills	16PGSLS02	3	2	50	50	100
	IV		Summer Placement (After the second semester theory examination during summer vacation)	16PINT401		2			
Total Credits -23, Total Hours/ Week-30									
Semester - III	III	Core Paper- IX (Specialization Paper – I)	Mental Health and Psychiatric Disorders	16PMSWC09C	5	3	50	50	100
			Labor Legislation	16PMSWC09B					
			Rural Community Development	16PMSWC09A					
	III	Core Paper- X (Specialization Paper – 1I)	Public Health in India	16PMSWC10C	5	3	50	50	100
			Human Resource Management	16PMSWC10B					
			Development Economics	16PMSWC10A					
	III	Core Paper – XI (Specialization Paper – III)	Medical Social Work	16PMSWC11C	5	3	50	50	100
			Employee Relations and Welfare	16PMSWC11B					
			Working With Children and Youth	16PMSWC11A					
	III		Strategic HR Management	16PMSWE05B	5	2	50	50	100

		Elective – V (Specialization Paper – IV)	International Social Work	16PMSWE05A					
	III	Elective – VI (Specialization Paper – V)	Quality Management	16PMSWE06B	5	2	50	50	100
			Social Entrepreneurship	16PMSWE06A					
	III	Core Paper – XII (Field Work)	Concurrent Field Work - III	16PMSWC12	3	6	50	50	100
	IV	Soft Skills -III	Managerial Skills	16PGSLS03	2	2	50	50	100
			Study Tour			1	50	50	100

Total Credits -22, Total Hours/ Week-30

Semester - IV	III	Core Paper - XIII (Specialization Paper – VI)	Psychiatric Social Work	16PMSWC13C	3	3	50	50	100
			Organizational Behaviour	16PMSWC13B					
			Urban Community Development	16PMSWC13A					
	III	Core Paper – XIV (Specialization Paper – VII)	Therapeutic Interventions in Social Work Practice	16PMSWC14C	3	3	50	50	100
			Organization Development	16PMSWC14B					
			Dalit and Tribal Development	16PMSWC14A					
	III	Core Paper -XV (Specialization Paper –VIII)	Hospital Administration	16PMSWC15C		3	50	50	100
			Human Resource Development	16PMSWC15B					
			Women Development	16PMSWC15A					
	IV	Interdisciplinary (Common Paper)	Corporate Social Governance & Corporate Social Responsibility	16PMSWE07	2	2	50	50	100
		Core Paper – XVI (Field Work)	Research Project	16PMSWC16		6	50	50	100
		Core Paper – XVII (Field Work)	Concurrent Field Work – IV	16PMSWC17		6	50	50	100
		Soft Skill - IV	Spoken and Presentation Skills	16PGSLS04		2	50	50	100
			Block Placement (At the end of 4th Semester)			2	50	50	100

Total Credits -27, Total Hours/ Week-30

OVERALL CREDIT TOTAL = 93

M.PHIL ECONOMICS				
COURSE STRUCTURE 2016-17 BATCH				
SEM	COURSE COMPONENT	SUBJECT NAME	CREDITS	HOURS
I	Core - I	Research Methodology	5	6
	Core - II	Advanced Economic Theory	5	6
	Internal Paper	Environmental Economics	5	6
	Thesis work	Thesis and Viva – Voce	21	
	TOTAL		36	18

B.Sc. Mathematics
Course Structure for 2016–19 Batch

Sem.	Part	Course Component	Subject Code	Subject Name	Hours	Credits	CIA	ESE	Total
I	I	Language	16UTAMF01/16UHINF01	Tamil - I / Hindi - I	6	3	50	50	100
	II	Language	16UENGF41	English - I	6	3	50	50	100
	III	Core I	16UMATC01	Algebra	4	4	50	50	100
			16UMATC02	Calculus	4	4	50	50	100
			16UCHEA11	Chemistry - I	5	5	50	50	100
			16UCHEA12P	Allied Chemistry Practical - I	3	*	*	*	*
	IV	NME	16UNME01C	Functional Mathematics - I	2	2	50	50	100
		Soft Skill	16UGSLS01	Listening and Speaking Skills		3	50	50	100
Total Hours = 30					Total credits = 24				
II	I	Language	16UTAMF02/ 16UHINF02	Language – II/Hindi - II	6	3	50	50	100
	II	Language	16UENGF42	English - II	6	3	50	50	100
	III	Core II	16UMATC03	Trigonometry and Number Theory	4	4	50	50	100
			16UMATC04	Analytical Geometry	4	4	50	50	100
			16UCHEA13	Chemistry - II	5	5	50	50	100
			16UCHEA12P	Allied Chemistry Practical – I	3	4	50	50	100
	IV	NME	16UNME02C	Functional Mathematics - II	2	2	50	50	100
		Soft Skill	16UGSLS02	Reading and Writing Skills		3	50	50	100
Total Hours = 30					Total credits = 28				
III	I	Language	16UTAMF03/16UHINF03	Tamil – III/Hindi III	6	3	50	50	100
	II	Language	16UENGF43	English – III	6	3	50	50	100
	III	Core III	16UMATC05	Differential Equations and Laplace Transforms	4	4	50	50	100
			16UMATC06	Vector Calculus, Fourier Series &Transforms	4	4	50	50	100
			16UPHYA13	Physics - I	5	5	50	50	100

			16UPHYA14P	Allied Physics Practical - I	3	*	*	*	*
	IV	EVS	16UEVS401	Environmental Studies	2	*	*	*	*
		Soft Skill	16UGSLS03	Personality Enrichment		3	50	50	100
Total Hours = 30					Total credits = 22				
IV	I	Language	16UTAMF04/16UHINF04	Language – IV/Hindi - IV	6	3	50	50	100
	II	Language	16UENGF44	English – IV	6	3	50	50	100
	III	Core IV	16UMATC07	Mathematical Statistics	4	4	50	50	100
			16UMATC08	Statics	4	4	50	50	100
			16UPHYA15	Physics – II	5	5	50	50	100
			16UPHYA14P	Allied Physics Practical – I	3	4	50	50	100
	IV	EVS	16UEVS401	Environmental Studies	2	2	50	50	100
		Soft Skill	16UGSLS04	Computing Skills		3	50	50	100
Total Hours = 30					Total credits = 28				
V	III	Core V	16UMATC09	Algebraic Structures	6	4	50	50	100
			16UMATC10	Real Analysis-I	6	3	50	50	100
			16UMATC11	Dynamics	6	4	50	50	100
			16UMATC12	Discrete Mathematics	6	4	50	50	100
			16UMATE01	Programming Language C with Practical's	6	5	50	50	100
	PIV Common	16UMATE01P	Value Education		2	50	50	100	
Total Hours = 30					Total credits = 22				
VI	III	Core VI	16UMATC13	Linear Algebra	6	3	50	50	100
			16UMATC14	Real Analysis-II	6	4	50	50	100
			16UMATC15	Complex Analysis	6	4	50	50	100
			16UMATE02	Operations Research	6	5	50	50	100
			16UMATE03	Graph Theory	6	5	50	50	100
	V		EXTU501	Extension activities		1			
	Total Hours = 30				Total credits = 22				
	OVERALL CREDITS TOTAL = 146								

B.Sc. Physics
Course Structure for 2016 –19 Batch

Semester	Part	Course Component	Subject Code	Subject Name	Credits	Hours	Max. Marks		
							CIA	ESE	Total
Semester I	I	LANGUAGE - I	16UTAMF01	TAMIL - I	3	6	50	50	100
			16UHINF01	HINDI - I					
	II	ENGLISH	16UENG41	ENGLISH I	3	4	50	50	100
	III	CORE – 1	16UPHYC01	MECHANICS AND PROPERTIES OF MATTER	4	5	50	50	100
		CORE PRACTICAL - I	16UPHYC02P	PRACTICAL GENERAL I	*	3	*	*	*
		ALLIED - I	16UCHEA11	ALLIED CHEMISTRY -I	4	5	50	50	100
		ALLIED PRACTICAL- I	16UCHEA12P	ALLIED CHEMISTRY PRACTICAL-I	*	3	*	*	*
	IV	NME	16UNME01D	BASIC PHYSICS				100	100
			16UBAT401	BASIC TAMIL - I					
		SOFT SKILL	16UGSLS01	LISTENING AND SPEAKING SKILLS	3	2	-	100	100
	CREDIT TOTAL = 19; TOTAL HOURS =30								
Semester II	I	LANGUAGE -II	16UTAMF02	TAMIL - II	3	6	50	50	100
			16UHINF02	HINDI - II					
	II	ENGLISH	16UENG42	ENGLISH - II	3	4	50	50	100
	III	CORE THEORY - 2	16UPHYC03	THERMAL PHYSICS AND ACOUSTICS	4	5	50	50	100
		CORE PRACTICAL - I	16UPHYC02P	PRACTICAL GENERAL - I	4	3	50	50	100
		ALLIED - II	16UCHEA13	CHEMISTRY - II	4	5	50	50	100
		ALLIED PRACTICAL-I	16UCHEA12P	CHEMISTRY - PRACTICAL	2	3	50	50	100
	IV	NME	16UADT402	ADVANCED TAMIL - II	2	2	-	100	100
			16UBAT402	BASIC TAMIL - II					
			16UNME02D	NON-CONVENTIONAL ENERGY SOURCES					
	SOFT SKILL	16UGSLS02	READING AND WRITING SKILLS	3	2	50	50	100	
	CREDIT TOTAL = 25; TOTAL HOURS =30								
Semester III	I	LANGUAGE - III	16UTAMF03	TAMIL - III	3	6	50	50	100
			16UHINF03	HINDI - III					
	II	ENGLISH	16UENG43	ENGLISH - III	3	4	50	50	100
	III	CORE THEORY - 3	16UPHYC04	OPTICS AND SPECTROSCOPY	4	5	50	50	100
		CORE PRACTICAL - 2		PRACTICAL GENERAL - II	*	3	*	*	*
		ALLIED –II	16UMATA13	MATHEMATICS - I	5	8	50	50	100
	IV	SOFT SKILL	16UGSLS03	PERSONALITY ENRICHMENT	3	2	50	50	100
		NME	16UEVS401	ENVIRONMENTAL STUDIES	*	2	*	*	*
	CREDIT TOTAL = 18; TOTAL HOURS = 30								

Semester	Part	Course Component	Subject Code	Subject Name	Credits	Hours	Max. Marks		
							CIA	ESE	Total
Semester IV	I	LANGUAGE -IV	16UTAMF04	TAMIL - IV	3	6	50	50	100
			16UHINF04	HINDI - IV					
	II	ENGLISH	16UENGF44	ENGLISH - IV	3	4	50	50	100
	III	CORE THEORY - 4	16UPHYC06	ELECTRICITY AND MAGNETISM	4	5	50	50	100
		CORE PRACTICAL- 2	16UPHYC05P	PRACTICAL GENERAL - II	4	3	50	50	100
		ALLIED - II	16UMATA23	MATHEMATICS - II	5	8	50	50	100
	IV	NME	16UEVS401	ENVIRONMENTAL STUDIES	2	2	-	10 0	100
		SOFT SKILL	16UGSLS04	COMPUTING SKILLS	3	2	50	50	100
		CREDIT TOTAL = 24; TOTAL HOURS = 30							
Semester V	III	CORE THEORY - 5	16UPHYC07	ATOMIC PHYSICS	4	5	50	50	100
		CORE THEORY - 6	16UPHYC08	NUCLEAR PHYSICS AND PARTICLE PHYSICS	4	5	50	50	100
		CORE THEORY - 7	16UPHYC09	SOLID STATE PHYSICS AND ELECTRONICS	4	5	50	50	100
		CORE THEORY - 8	16UPHYC10	ELECTROMAGNETISM	5	5	50	50	100
		CORE PRACTICAL- 3	16UPHYC11P	GENERAL - PRACTICAL - III	*	2	*	*	*
		CORE PRACTICAL - 4	16UPHYC12P	ELECTRONICS - I - PRACTICAL	*	2	*	*	*
		CORE PRACTICAL - 5	16UPHYC13P	MICRO PROCESSOR AND INTEGRATED ELECTRONICS - PRACTICAL	*	2	*	*	*
	IV	ELECTIVE - 1	16UPHYE01	NUMERICAL METHODS ***	5	4	50	50	100
			16UVED401	VALUE EDUCATION	2		50	50	100
		CREDIT TOTAL = 24; TOTAL HOURS = 30							
Semester VI	III	CORE THEORY - 9	16UPHYC14	RELATIVITY AND QUANTUM MECHANICS	5	6	50	50	100
		CORE THEORY- 10	16UPHYC15	MATHEMATICAL METHODS IN PHYSICS	5	6	50	50	100
		ELECTIVE – 2	16UPHYE02	INTEGRATED ELECTRONICS ***	5	6	50	50	100
		ELECTIVE - 3	16UPHYE03	MICROPROCESSOR FUNDAMENTALS***	5	6	50	50	100
		CORE PRACTICAL - 3	16UPHYC11P	GENERAL - PRACTICAL - III	4	2	50	50	100
		CORE PRACTICAL - 4	16UPHYC12P	ELECTRONICS - I - PRACTICAL	4	2	50	50	100
		CORE PRACTICAL- 5	16UPHYC13P	MICRO PROCESSOR AND INTEGRATED ELECTRONICS - PRACTICAL	2	2	50	50	100
		CREDIT TOTAL = 30; TOTAL HOURS = 30							
		OVERALL CREDIT TOTAL = 140 / OVERALL HOURS TOTAL = 180							

B.Sc. Chemistry
COURSE STRUCTURE (2016-19) Batch

Semester	Part	Course Component	Subject Code	Subject Name	Credits	Hours	CIA	ESE	Total
Semester I	I	Language	16UTAMF01/ 16UHINF01	Language I	3	6	50	50	100
	II	English	16UENGF41	English I	3	4	50	50	100
	III	Core Paper-I	16UCHEC01	Basic Chemistry–I	4	5	50	50	100
		Core Practical-I	16UCHEC02P	Volumetric Analysis and Inorganic Preparations	*	3	*	*	*
		Allied-I	16UMATA13	Mathematics–I	5	8	50	50	100
	IV	NME	16UNME01E	Dairy Chemistry	2	2	50	50	100
		Soft Skill	16UGSLS01	Listening and Speaking Skills	3	2	50	50	100
Total Credits: 20 / Total Hours per week: 30									
Semester II	I	Language	16UTAMF02/1 6UHINF02	Language-II	3	6	50	50	100
	II	English	16UENGF42	English-II	3	4	50	50	100
	III	Core Paper-II	16UCHEC03	Basic Chemistry-II	4	5	50	50	100
		Core Practical-II	16UCHEC02P	Volumetric Analysis and Inorganic Preparation	3	3	50	50	100
		Allied-II	16UMATA14	Mathematics-II	5	8	50	50	100
	IV	NME	16UNME02E	Food Chemistry	2	2	50	50	100
		Soft Skill	16UGSLS02	Reading and Writing Skills	3	2	50	50	100
Total Credits: 23 / Total Hours per week: 30									
Semester III	I	Language	16UTAMF03/1 6UHINF03	Language–III	3	6	50	50	100
	II	English	16UENGF43	English–III	3	4	50	50	100
	III	Core Paper-III	16UCHEC04	Organo-Oxygen Compounds	4	6	50	50	100
		Core Practical-III	16UCHEC05P	Inorganic Qualitative Analysis	*	3	*	*	100
		Allied–III	16UPHYA13	Physics-I	3	6	50	50	100
	IV	Allied Practical	16UPHYA14P	Allied Physics Practical-I	*	3	*	*	100
		Soft Skill	16UGSLS03	Personality Enrichment	3	2	50	50	100
Total Credits: 16 / Total Hours per week: 30									

Semester	Course Component	Subject Code	Subject Name	Credits	Hours	CIA	ESE	Total
Semester IV	Language	16UTAMF03/ 16UHINF04	Language–IV	3	6	50	50	100
	English	16UENG44	English–IV	3	4	50	50	100
	Core Paper-IV	16UCHEC06	Chemistry of s and p Block Elements	4	5	50	50	100
	Core Practical-II	16UCHEC05P	Inorganic Qualitative Analysis	3	3	50	50	100
	Allied-II	16UPHYA15	Physics –II	3	5	50	50	100
	Allied Practical	16UPHYA14P	Allied Physics Practical– I	4	3	50	50	100
		16UEVS401	EVS	2	2	50	50	100
	Soft Skill	16UGSLS04	Computing Skills	3	2	50	50	100
Total Credits: 25 / Total Hours per week: 30								
Semester V	Core Paper-V	16UCHEC07	Organo Nitrogen Compounds and Natural Products	4	4	50	50	100
	Core Paper-VI	16UCHEC08	Chemical Kinetics and Electrochemistry	4	4	50	50	100
	Core Paper-VII	16UCHEC09	Special topics in Chemistry	4	4	50	50	100
	Core Paper-VIII	16UCHEC10	Analytical Chemistry-I	4	4	50	50	100
	Core Practical-III	16UCHEC11P	Gravimetric Analysis	*	5	*	*	*
	Core Practical-IV	16UCHEC12P	Analysis and Preparation of Organic Compounds	*	2	*	*	*
	Core Practical-V	16UCHEC13P	Physical Chemistry Practical	*	3	*	*	*
	Elective-I	16UCHEE01	Pharmaceutical Chemistry	5	4	50	50	100
		16UVED401	Value Education	2		50	50	100
Total Credits: 23 / Total Hours per week: 30								
Semester VI	Core Paper-IX	16UCHEC14	Thermodynamics and Solutions	4	4	50	50	100
	Core Paper-X	16UCHEC15	Chemistry of d and f block elements and Coordination chemistry	4	4	50	50	100
	Core Paper-XI	16UCHEC16	Analytical Chemistry-II	4	4	50	50	100
	Elective - II	16UCHEE02	Industrial Chemistry	5	4	50	50	100
	Elective - III	16UCHEE03	Polymer Chemistry	5	4	50	50	100
	Core Practical-III	16UCHEC11P	Gravimetric Analysis	4	5	50	50	100
	Core Practical- IV	16UCHEC12P	Analysis and Preparation of Organic Compounds	3	2	50	50	100
	Core Practical-V	16UCHEC13P	Physical Chemistry Practical	3	3	50	50	100
			Extension activities	1				
Total Credits: 33 / Total Hours per week: 30								
Grand Total Credits: 140 / Total Hours per week: 180								

**B.Sc. Plant Biology and Plant Biotechnology
COURSE STRUCTURE 2016-19 Batch**

Semester	Part	Course Component	Subject Name	Subject Code	Credit	Hours	Marks		Total
							Internal	External	
I	I	Language	Tamil-I	16UTAMF01	3	6	50	50	100
			Hindi - I	16UHINF01					
	II		English – I	16UENGF41	3	4	50	50	100
			III	Core - I	Algae, Fungi & Lichens	16UPBTC01	4	6	50
	Core - II	Practical – I (Algae, Fungi & Lichens)		16UPBTC02P	2	2	50	50	100
	Allied - I	Zoology – I		16UAZTA11	3	6	50	50	100
	Allied - I	Allied Zoology Practical			-	2	50	50	100
	IV	1. NME	Basic Tamil	16UBAT401	2	2	50	50	100
			Nursery & Landscaping	16UNME01F					
		2. Skill Based Subject Language English	Soft Skill – I - Listening and Speaking Skills	16UGSLS01	3	2	50	50	100
Total Credits - 20, Total Hours/ week- 30									
II	I	Language	Tamil - II	16UTAMF02	3	6	50	50	100
			Hindi - II	16UHINF02					
	II		English – II	16UENGF42	3	4	50	50	100
			III	Core - III	General Microbiology	16UPBTC03	4	6	50
	Core - II	Practical – II (General Microbiology)		16UPBTC02P	2	2	50	50	100
	Allied - II	Zoology – II		16UAZTA13	3	6	50	50	100
		Allied Zoology Practical		16UAZTA12P	4	2	50	50	100
	IV	1. NME	Basic Tamil	16UBAT402	2	2	50	50	100
			Mushroom Cultivation	16UNME02F					
		2. Skill Based Subject Language English	Soft Skill – I - Reading and Writing Skills	16UGSLS02	3	2	50	50	100
Total Credits - 24, Total Hours/ week- 30									
III	I	Language	Tamil III	16UTAMF03	3	6	50	50	100
			Hindi - III	16UHINF03					
	II		English III	16UENGF43	3	4	50	50	100
	III	Core IV	Bryophytes &	16UPBTC04	4	6	50	50	100

			Pteridophytes						
		Core V	Practical – III (Bryophytes & Pteridophytes)	16UPBTC05P	–	2	50	50	100
		Allied III	Allied Chemistry I	16UCHEA14	3	6	50	50	100
			Allied Chemistry Practical	16UCHEA15P	–	2	50	50	100
	IV	NME	Environmental Studies	16UEVS401	–	2	50	50	100
		Soft Skill	Personality Enrichment	16UGSLS03	3	2	50	50	100
Total Credits - 16, Total Hours/ week- 30									
IV	I	Language	Tamil IV	16UTAMF04	3	6	50	50	100
			Hindi - IV	16UHINF04					
	II		English IV	16UENGF44	3	4	50	50	100
	III	Core VI	Gymnosperms, Paleobotany & Evolution	16UPBTC06	4	6	50	50	100
		Core V	Practical – IV (Bryophytes & Pteridophyte, Gymnosperms, Paleobotany & Evolution)	16UPBTC05P	4	2	50	50	100
		Allied IV	Allied Chemistry II	16UCHEA16	3	6	50	50	100
			Allied Chemistry Practical	16UCHEA15P	4	2	50	50	100
	IV	Soft Skill	Computing skills	16UGSLS04	3	2	50	50	100
		EVS	Environmental studies	16UEVS401	2	2	50	50	100
Total Credits – 26, Total Hours/ week- 30									
V	III	Core VII	Cell Biology & Anatomy	16UPBTC07	4	4	50	50	100
		Core VIII	Morphology, Taxonomy of Angiosperm & Embryology	16UPBTC08	4	4	50	50	100
		Core IX	Plant Biotechnology	16UPBTC09	4	4	50	50	100
		Core X	Plant Microtechnique	16UPBTC10	4	4	50	50	100
		Core XI	Practical – V (Cell Biology, Anatomy, Morphology, Taxonomy of Angiosperm, Embryology, Plant Biotechnology and Plant Microtechnique)	16UPBTC11P	4	8	50	50	100
		Elective - I	Plant Diseases & Management	16UPBTE01	5	5	50	50	100
	IV	Value Education	Value Education	16UVED401	2	1	50	50	100
Total Credits – 27, Total Hours/ week- 30									
VI	III	Core XII	Genetics & Plant Breeding	16UPBTC12	4	5	50	50	100
		Core XIII	Plant Ecology & Phytogeography	16UPBTC13	4	5	50	50	100
		Core XIV	Plant Physiology &	16UPBTC14	4	4	50	50	100

			Biochemistry						
		Core XV	Practical – VII (Genetics, Plant Breeding, Plant Ecology, Phytogeography, Plant Physiology and Biochemistry - Practical)	16UPBTC15P	4	6	50	50	100
		Elective I	Herbal Science	16UPBTE02	5	5	50	50	100
		Elective II	Horticulture	16UPBTE03	5	5	50	50	100
	V	Extension Activities			1	–	50	50	100

Total Credits - 27, Total Hours/ week- 30

Grand Total Credits – 140, Grand Total Hours/ week- 180

B.Sc. Advanced Zoology and Biotechnology

COURSE STRUCTURE 2016-19 Batch

Sem.	Part	Course Component	Subject Code	Subject Name	Cdt	Hrs	CIA	ESE	Total
I	I	Language	16UTAMF01	Tamil I	3	6	50	50	100
	II	English	16UENGF41	English I	3	4	50	50	100
	III	Core I	16UAZTC01	Diversity and Functional Anatomy of Invertebrates	4	6	50	50	100
			16UAZTC02P	Practical I – Invertebrata and Chordata	-	2	*	*	*
		Allied I	16UPBTA11	Botany I	3	6	50	50	100
			16UPBTA12P	Allied Botany Practical	-	2	*	*	*
	IV	1. NME/ Basic Tamil	16UNME01G	Aquaculture/Vermitechnology/ Human genetics	2	2		100	100
		2. Skill based subjects	16UGSLS01	Soft skill I	3	2		100	100
Total credit =18; Total Hours = 30									
II	I	Language	16UTAMF02	Tamil II	3	6	50	50	100
	II	English	16UENGF42	English II	3	4	50	50	100
	III	Core II	16UAZTC03	Diversity and Functional Anatomy of Chordates	4	6	50	50	100
			16UAZTC02P	Practical I – Invertebrata and Chordata	4	2	50	50	100
		Allied II	16UPBTA13	Botany II	3	6	50	50	100
			16UPBTA12P	Allied Botany Practical	4	2	50	50	100
	IV	1. NME/ Basic Tamil	16UNME02G	Public health and hygiene/Dairy farming/Poultry Science and Management	2	2		100	100
		2. Skill based subjects	16UGSLS02	Soft skill II	3	2		100	100
Total credit =26; Total Hours = 30									
III	I	Language	16UTAMF03	Tamil III	3	6	50	50	100
	II	English	16UENGF43	English III	3	4	50	50	100
	III	Core III	16UAZTC04	Cell and Molecular Biology	4	6	50	50	100
			16UAZTC05P	Practical II- Cell Biology, Genetics and Evolution	-	2	*	*	*
		Allied III	16UCHEA14	Chemistry I	3	6	50	50	100
			16UCHEA15P	Allied Chemistry Practical	-	2	*	*	*
	IV	1. Skill	16UGSLS03	Soft skill III	3	2		100	100

		based subjects							
		2. EVS	16UEVS401	Environmental science	-	2	*	*	*
Total credit =16; Total Hours = 30									
IV	I	Language	16UTAMF04	Tamil IV	3	6	50	50	100
	II	English	16UENGF44	English IV	3	4	50	50	100
	III	Core IV	16UAZTC06	Genetics and Evolution	4	6	50	50	100
			16UAZTC05P2	Practical II- Cell Biology, Genetics and Evolution	4	2	50	50	100
		Allied IV	16UCHEA16	Chemistry II	3	6	50	50	100
			16UCHEA15P	Allied Chemistry Practical	4	2	50	50	100
	IV	1. Skill based subjects	16UGSLS04	Soft skill III	3	2		100	100
2. EVS		16UEVS401	Environmental science	2	2		100	100	
Total credit =26; Total Hours = 30									
V	III	Core V	16UAZTC07	Developmental Biology and Endocrinology	4	4	50	50	100
		Core VI	16UAZTC08	Biotechnology and Nanotechnology	4	4	50	50	100
		Core VII	16UAZTC09	Animal Physiology, Biochemistry and Immunology	4	4	50	50	100
		Core VIII	16UAZTC10	Biostatistics and Computer Applications for Life Sciences	4	4	50	50	100
		Core IX	16UAZTC11P	Practical-III Animal Physiology, Biochemistry, Developmental Biology and Immunology	-	4	50	50	100
		Core X	16UAZTC12P	Practical-IV- Environmental Biology, Biotechnology and Microbiology	-	4	*	*	*
		Elective – I	16UAZTE01	Medical Laboratory Technique	5	5	50	50	100
	IV	Value Education	16UVED401	Value education	2	1	*	100	100
Total credit =23; Total Hours = 30									
VI	III	Core VIII	16UAZTC13	Taxonomy, Ecology and Paleontology	4	4	50	50	100
		Core IX	16UAZTC14	Genetic Engineering and Recombinant DNA technology	4	4	50	50	100
		Core X	16UAZTC15	Microbiology and Industrial Biotechnology	4	4	50	50	100

		Core XI	16UAZTC11P	Practical-III-Animal Physiology, Biochemistry, Developmental Biology and Immunology	4	4	50	50	100
		Core XII	16UAZTC12P	Practical-IV Environmental Biology, Biotechnology and Microbiology	4	4	50	50	100
		Elective II	16UAZTE02	Sericulture and Apiculture	5	5	50	50	100
		Elective III	16UAZTE03	Economic Entomology and Pest Management	5	5	50	50	100
	V	Extension Activities			1	-	-	-	-
	Total credit =31; Total Hours = 30								
	OVERALL CREDIT TOTAL = 140								

B.Sc. Visual Communication
COURSE STRUCTURE 2016-19 BATCH

Sem	Part	Course Component	Subject code	Subject Name	Credit	Hours	CIA	ESE	Total
Semester - III	I	Language	16UFRE143 / 16USAN143 / 16UTAM143 / 16UHIN143	Tamil - III / Hindi - III/ Sanskrit - III/ French - III	3	6	50	50	100
	II	English	16UENGF43	English- III	3	4	50	50	100
	III	Core V	16UVISC305	Film studies	6	5	50	50	100
	III	Core VI	16UVISC06	Media ethics	6	5	50	50	100
	III	Core VII	16UVISC07P	Script Writing- Practical	4	4	50	50	100
	III	Allied III	16UVISA03P	Computer Graphics	4	4	50	50	100
	IV	Soft Skills - III	16UGSLS03	Personality Enrichment	3	2	-	100	100
TOTAL CREDIT = 29,TOTAL HOURS=30									
Semester - IV	I	Language	16UFRE144 / 16USAN144 / 16UTAM144 / 16UHIN144	Tamil - IV / Hindi - IV/ Sanskrit - IV/ French - IV	3	6	50	50	100
	II	English	16UENGF44	English- IV	3	4	50	50	100
	III	Core VIII	16UVISC08	Television production	4	5	50	50	100
	III	Corei IX	16UVISC09P	Television production-P	4	5	50	50	100
	III	Allied IV	16UVISA04P	E-Publishing	5	5	50	50	100
	IV	Soft Skills - IV	16UGSLS04	Computing Skills	3	3	-	100	100
	IV	EVS	16UEVS401	Environmental Studies	2	2	-	100	100
TOTAL CREDITS = 24,TOTAL HOURS=30									

B.Sc. Visual Communication
COURSE STRUCTURE 2016-19 BATCH

Sem	Part	Course Component	Subject code	Subject Name	Credit	Hours	CIA	ESE	Total
Semester - V	II	Core X	16UVISC10	Mass communication theories	6	6	50	50	100
	II	Core XI	16UVISC11P	Media research	4	9	50	50	100
	II	Core XII	16UVISC12P	Web designing	4	6	50	50	100
	II	Elective – I	16UVISE01P	Film Appreciation	4	8	50	50	100
	IV	Value Education	16UVED401	Value Education	2	1	-	100	100
TOTAL CREDITS = 20,TOTAL HOURS=30									
Semester - VI	III	Core XIII	16UVISC13	Visual text analysis	4	6	50	50	100
	III	Core XIV	19UVISC14P	Advertising Practices	2	6	50	50	100
		Core XV	16UVISC15P	Multimedia-P	4	6	50	50	100
	III	Core XVI	19UVISC16P	Internship	2	6	50	50	100
	III	Elective - III	19UVISE02	Project -Practical	10	6	50	50	100
	V	Extension Activity		Extension Activity	1	-	-	-	-
TOTAL CREDITS = 23,TOTAL HOURS=30									
OVERALL CREDITS TOTAL = 142 / HOURS = 180									

M.Sc. Chemistry

COURSE STRUCTURE 2019-21 Batch

Semester	Course Component	Subject Code	Subject Name	Credits	Hours	CIA	ESE	Total
Semester – I	Core-1	19PCHE301	Stereochemistry and Reaction Mechanism	4	5	50	50	100
	Core-2	19PCHE302	Chemical Kinetics	4	4	50	50	100
	Core-3	19PCHE303	Coordination Chemistry	4	4	50	50	100
	Core-4	19PCHE304	Analytical Chemistry	4	4	50	50	100
	Core Practical-1	19PCHE305P	Organic Chemistry Practical-1	*	5	*	*	*
	Core Practical-2	19PCHE306P	Inorganic Chemistry Practical-1	*	4	*	*	*
	Core Practical-3	19PCHE307P	Physical Chemistry Practical-1	*	4	*	*	*
	Soft Skill - 1	19PGSL401	Personality Enrichment	2		50	50	100
Total Credits: 18 / Total Hours per week: 30								
Semester – II	Core-5	19PCHE308	Quantum chemistry and Group Theory	4	5	50	50	100
	Core-6	19PCHE309	Organometallics and Bioinorganic chemistry	4	4	50	50	100
	Core-7	19PCHE310	Chemistry of Aromatic compounds and Concerted reactions	4	4	50	50	100
	Core Practical-1	19PCHE305P	Organic Chemistry Practical-1	4	5	50	50	100
	Core Practical -2	19PCHE306P	Inorganic Chemistry Practical-1	4	4	50	50	100
	Core Practical-3	19PCHE307P	Physical Chemistry Practical -1	4	4	50	50	100
	Elective-1	19PCHE311	Chemistry of Natural Products	3	4	50	50	100
	Soft Skill - 2	19PGSL402	Computing Skill	2		50	50	100
Total Credits: 29 / Total Hours per week: 30								

Semester	Course Component	Subject Code	Subject Name	Credits	Hours	CIA	ESE	Total
Semester – III	Core-8	19PCHE312	Spectroscopy-1	4	5	50	50	100
	Core-9	19PCHE313	Synthetic Methodology	4	5	50	50	100
	Core-10	19PCHE314	Thermodynamics and Electrochemistry	4	5	50	50	100
	Core Practical-4	19PCHE315P	Electroanalytical Practical	*	5	*	*	*
	Elective Practical-1	19PCHE316P	Analytical Chemistry Practical	*	5	*	*	*
	Elective-II	19PCHE317	Solid state and Nano Chemistry	3	5	50	50	100
	Soft Skill-3	19PGSL403	Self and Time Management Skills	2	-	50	50	100
	Summer Internship **	19PINT401	Summer Internship **	2	-	50	50	100
Total Credits: 19 / Total Hours per week: 30								
Semester – IV	Core-11	19PCHE318	Photochemistry	4	5	50	50	100
	Core-12	19PCHE319	Spectroscopy-II	4	5	50	50	100
	Core Practical-4	19PCHE315P	Electroanalytical Practical	4	5	50	50	100
	Elective Practical-1	19PCHE316P	Analytical Chemistry Practical	4	5	50	50	100
	Soft skill-4	19PGSL404	Spoken and Presentation Skills	2	-	50	50	100
		19PCHE320	Group project	6	10	50	50	100
	Total Credits: 24 / Total Hours per week: 30							
Grand Total Credits: 90 / Total Hours per week: 120								

* Practical Examinations are conducted once in an Academic year - at the end of semester II and semester IV.

** The students should undergo summer internship for three weeks after the second semester and the reports to be submitted

M.Sc. Mathematics

COURSE STRUCTURE 2016-18 BATCH

Semester	Part	Course Component	Subject Code	Subject Name	Credits	Hours	Internal	External	Total
Semester - I	III	Core-1	16PMATC01	Algebra-I	4	5	50	50	100
	III	Core-2	16PMATC02	Real Analysis-I	4	6	50	50	100
	III	Core-3	16PMATC03	Ordinary Differential Equations	4	6	50	50	100
	III	Core-4	16PMATC04	Graph Theory	4	6	50	50	100
	III	Elective-1	16PMATE01	Fuzzy sets and their Applications	4	6	50	50	100
	IV	Soft skill-1	16PGSLS01A	Essential of language and communication Skill	2	1	40	60	100
Total Credits: 22 / Total Hours per week: 30									
Semester - II	III	Core-5	16PMATC05	Algebra-II	4	6	50	50	100
	III	Core-6	16PMATC06	Real Analysis-II	4	6	50	50	100
	III	Core-7	16PMATC07	Partial Differential Equations	4	6	50	50	100
	III	Core-8	16PMATC08	Probability Theory	4	6	50	50	100
	III	Elective -2	16PMATE02	Programming in C++ and Numerical Methods	4	5	50	50	100
	IV	Soft skill-2	16PGSLS02C	Computing Skill	2	1	40	60	100
Total Credits: 22/ Total Hours per week: 30									
Semester - III	III	Core-9	16PMATC09	Complex Analysis –I	4	6	50	50	100
	III	Core-10	16PMATC10	Topology	4	6	50	50	100
	III	Core-11	16PMATC11	Operations Research	4	6	50	50	100
	III	Core-12	16PMATC12	Mechanics	4	6	50	50	100
	III	Elective -3	16PMATE03	Number theory and Cryptography	4	5	50	50	100
	IV	Soft skill-3	16PGSLS03E	Managerial Skill	2	1	40	60	100
	IV		16PINT401	Summer Internship	2	-	-	-	-
Total Credits: 24 / Total Hours per week: 30									

M.Sc. Mathematics

COURSE STRUCTURE 2016-18 BATCH

Semester	Part	Course Component	Subject Code	Subject Name	Credits	Hours	Internal	External	Total
Semester – IV	III	Core-13	16PMATC13	Complex Analysis-II	4	6	50	50	100
	III	Core-14	16PMATC14	Differential Geometry	4	6	50	50	100
	III	Core-15	16PMATC15	Functional Analysis	4	6	50	50	100
	III	Elective -4	16PMATE04	Mathematical Statistics	4	6	50	50	100
	III	Elective -5	16PMATE05	Tensor analysis and relativity	4	5	50	50	100
	IV	Soft skill-4	16PGSLS04D	Spoken and Presentation Skill	2	1	40	60	100
Total Credits: 22 / Total Hours per week: 30									

M.Sc. Zoology
COURSE STRUCTURE 2016-18 Batch

Se m	Part	Subjects	Cdt	Hr	Exam hrs	CI A	ESE	Total
I	Core-1	Functional Morphology and Phylogeny of Invertebrata	4	4	3	50	50	100
	Core-2	Cell and Molecular Biology	4	4	3	50	50	100
	Core-3	Genetics- A Molecular approach	4	4	3	50	50	100
	Elective I	Fish biology & Fisheries	4	5	3	50	50	100
	Core practical-1	Invertebrata ,Chordata, and Fishery Biology	*	6	*	*	*	*
	Core practical-2	Cell & Mol Biol, Biophysics, Biotech, Genetics, Biostatistics and Microbiology	*	6	*	*	*	*
	Soft skill	Language and communication skill	2	1	3	-	100	100
		Credit Total	18	30				
II	Core-4	Functional Morphology and Phylogeny of Chordates	4	4	3	50	50	100
	Core-5	Biophysics and Biostatistics	4	4	3	50	50	100
	Core-6	Microbiology	4	4	3	50	50	100
	Elective II	(IDP) Aquarium Fishes	4	5	3	50	50	100
	Core practical-1	Invertebrata, Chordata, and Fishery Biology	4	6	4	50	50	100
	Core practical-2	Cell & Mol Biol, Biophysics, Biotech, Genetics, Biostatistics and Microbiology	4	6	4	50	50	100
	Soft skill	Computing skills	2	1	3	-	100	100
		Internship	2	*	-	-	100	100
		Credit Total	28	30				
III	Core-7	Bioinformatics and Computer Applications	4	4	3	50	50	100
	Core-8	Developmental and Stem Cell Biology	4	4	3	50	50	100
	Core-9	Environmental Biology and Evolution	4	4	3	50	50	100
	Elective III	Entomology	4	5	3	50	50	100
	Core practical-3	Animal Physiology, Environmental Biology and Biochemistry	*	6	*	*	*	*
	Core practical-4	Developmental Biology, Bioinformatics, Computer Applications, and Entomology	*	6	*	*	*	*
	Soft skill	Managerial skills	2	1	3	-	100	100
		Credit Total	18	30				
IV	Core-10	Animal Physiology	4	4	3	50	50	100
	Core-11	Biochemistry	4	4	3	50	50	100
	Core-12	Biotechnology	4	4	3	50	50	100
	Core practical-3	Animal Physiology, Environmental Biology and Biochemistry	4	6	4	50	50	100
	Core Practical-4	Developmental Biology, Bioinformatics, Computer Applications, and Entomology	4	6	4	50	50	100
	Soft Skill	Spoken and presentation skills	2	1	3		100	100
		Project	4	5	-	50	50	100
		Credit Total	26	30				
		Total Credits	90	120				

M.Phil. Zoology

COURSE STRUCTURE 2016 –17 Batch

Semester	Part	Subjects	Credit	Exam hours	Ext. Max Marks
I & II	Paper I	Research Methodology	5	3	100
	Paper II	Recent Advances In Zoology	5	3	100
	Paper III	Applied Entomology	5	3	100
	Project Work	Dissertation	21	-	300
	Total		36		

The assignment of marks for Project is as follows:

Continuous Internal Assessment

Literature survey, Methodology and Results of the project work - 80 marks

End Semester Assessment

Project work book - 70 marks

Dissertation - 150 marks

B.Com (General)
COURSE STRUCTURE 2016-19 Batch

Semester	Part	Course	Title	Subject Code	Hours	Credits	Marks		Total
							Internal	External	
I	I	Language	Tamil - I	16UTAMF01	6	3	50	50	100
	II	English	English-I	16UENGF21	4	3	50	50	100
	III	Core - I	Financial Accounting–I	16UCOMC01	6	4	50	50	100
		Core - II	Business Communication	16UCOMC02	5	4	50	50	100
		Allied I	Economics for Business Decision	16UCOMA01	5	5	50	50	100
	IV	Non – Tamil Students: Tamil (VI Std) Tamil Students: Non – Major Elective	Basics of Retail Marketing/Basic Tamil	16UNME01H	2	2	-	100	100
			Soft Skill-English	16UGSLS01	2	3	-	100	100
TOTAL CREDIT – 24/ TOTAL HOURS PER WEEK - 30									
II	I	Language	Tamil - II	16UTAMF02	6	3	50	50	100
	II	English	English-II	16UENGF22	4	3	50	50	100
	III	Core III	Financial Accounting–II	16UCOMC03	6	4	50	50	100
		Core IV	Principles of Management	16UCOMC04	5	4	50	50	100
		Allied II	Indian Economic Development	16UCOMA02	5	5	50	50	100
	IV	Non – Tamil Students: Tamil (VI Std) Tamil Students: Non – Major Elective	Fundamentals of Insurance/Basic Tamil	16UNME02H	2	2	-	100	100
			Soft Skill-English	16UGSLS02	2	3	-	100	100
TOTAL CREDIT – 24/ TOTAL HOURS PER WEEK - 30									
III	III	Core V	Corporate Accounting–I	16UCOMC05	6	4	50	50	100
		Core VI	Business Laws	16UCOMC06	5	4	50	50	100
		Core VII	Banking and Financial Services	16UCOMC07	6	4	50	50	100
		Core VIII	Marketing	16UCOMC08	5	4	50	50	100
		Allied III	Business Statistics	16UMATA22	6	5	50	50	100
	IV	Skill Based Subjects	Soft Skill-Personality Enrichment	16UGSLS03	2	3	-	100	100
TOTAL CREDIT – 24/ TOTAL HOURS PER WEEK - 30									
IV	III	Core IX	Corporate Accounting–II	16UCOMC09	6	4	50	50	100
		Core X	Company Law	16UCOMC10	5	4	50	50	100
		Core XI	Business Taxation	16UCOMC11	5	4	50	50	100
		Core XII	Research Methodology	16UCOMC12	5	4	50	50	100
		Allied IV	Operations Research	16UCOMA04	6	5	50	50	100
	IV	Skill Based Subjects	Computing skill	16UGSLS04	1	3	-	100	100

		Environmental Studies	Environmental Studies	16UEVS401	2	2	-	100	100
TOTAL CREDIT – 26/ TOTAL HOURS PER WEEK - 30									
V	III	Core XIII	Cost Accounting	16UCOMC13	6	4	50	50	100
		Core XIV	Practical Auditing	16UCOMC14	6	4	50	50	100
		Core XV	Entrepreneurial Development	16UCOMC15	5	4	50	50	100
		Core XVI	Financial Management	16UCOMC16	6	4	50	50	100
		Elective -I	Income tax law & Practice-I	16UCOME01	6	5	50	50	100
	IV	Value Education	Value Education	16UVED401	1	2	-	100	100
TOTAL CREDIT – 23/ TOTAL HOURS PER WEEK - 30									
VI	III	Core XVII	Advanced Cost Accounting	16UCOMC17	6	4	50	50	100
		Core XVIII	Management Accounting	16UCOMC18	6	4	50	50	100
		Core XIX	Business Environment	16UCOMC19	6	4	50	50	100
		Elective -II	Income tax law & Practice-II	16UCOME02	6	5	50	50	100
		Elective -III	Human Resource Management	16UCOME03	6	5	50	50	100
	V	Extension Activities	Community Service		-	1	-	-	-
TOTAL CREDIT – 23/ TOTAL HOURS PER WEEK - 30									
GRAND TOTAL CREDIT – 144 / TOTAL HOURS PER WEEK – 180									

B.Com (Corporate Secretaryship)

COURSE STRUCTURE 2016-19 Batch

Semester	Part	Course	Title	Subject Code	Hours	Credits	Marks		Total
							Inter nal	Exter nal	
I	I	Language I	TAMIL-I/Hindi-I/ SANSKRIT – I/ FRENCH - I	16UTAMF01/ 16UHINF01/ 16USANF01/ 16UFREF01	6	3	50	50	100
	II	English I	English-I	16UENGF41	4	3	50	50	100
	III	Core Paper- I	Financial Accounting	16UCOSC01	6	4	50	50	100
	III	Core Paper- II	Company Law and Secretarial Practice – I	16UCOSC02	5	4	50	50	100
	III	Allied - I	Corporate E Management	16UCOSA01	5	5	50	50	100
	IV	NME	A) Introduction to Financial Markets and Investment B) Advanced Tamil / Basic Tamil C) Listening and Speaking Skills	16UNME01J 16UADT401/ 16UBAT401 16UNME01J	2 2	2 3	50 50	50 50	100 100
			TOTAL CREDITS/HOURS		30	24			
II	I	Language II	TAMIL-II /Hindi-II / SANSKRIT –II/ FRENCH - II	16UTAMF02/ 16UHINF02/ 16USANF02/ 16UFREF02	6	3	50	50	100
	II	English II	English-II	16UENGF42	4	3	50	50	100
	III	Core Paper- III	Advanced Financial Accounting	16UCOSC03	6	4	50	50	100
	III	Core Paper- IV	Human Resource Management	16UCOSC04	5	4	50	50	100
	III	Allied - II	Business Communication	16UCOSA02	5	5	50	50	100
	IV	NME	A) Fundamentals of Insurance B) Advanced Tamil / Basic Tamil C) Reading and Writing Skills	16UNME02J 16UADT402/ 16UBAT402 16UNME02J	2 2	2 3	50 50	50 50	100 100
			TOTAL CREDITS/HOURS		30	24			

III	I	Language III	TAMIL-III /Hindi-III / SANSKRIT-III / FRENCH - III	16UTAMF03/ 16UHINF03/ 16USANF03/ 16UFREF03	6	3	50	50	100
	II	English III	English-III	16UENGF43	4	3	50	50	100
	III	Core Paper- V	Corporate Accounting - I	16UCOSC05	6	4	50	50	100
	III	Core Paper- VI	Company Law and Secretarial Practice – II	16UCOSC06	6	4	50	50	100
	III	Allied - III	Statistics-I	16UCOSA03	6	5	50	50	100
	IV	Soft Skills	Personality Enrichment	16UGSLS03	2	3	50	50	100
			TOTAL CREDITS/HOURS		30	22			
IV	I	Language IV	TAMIL-IV /Hindi-IV / SANSKRIT –VI / FRENCH - VI	16UTAMF04/ 16UHINF04/ 16USANF04/ 16UFREF04	6	3	50	50	100
	II	English IV	English-IV	16UENGF44	4	3	50	50	100
	III	Core Paper- VII	Corporate Accounting – II	16UCOSC07	6	4	50	50	100
	III	Core Paper- VIII	Corporate Governance	16UCOSC08	5	4	50	50	100
	III	Allied - IV	Statistics-II	16UCOSA04	5	5	50	50	100
	IV	NME	A) EVS B) Computing Skills	16UGSLS04	2 2	2 3	50 50	50 50	100 100
			TOTAL CREDITS/HOURS		30	24			
V	III	Core -IX	Management Accounting	16UCOSC09	6	4	50	50	100
	III	Core -X	Securities Law &Market Operations	16UCOSC10	5	4	50	50	100
	III	Core -XI	Income Tax Law & Practice-I	16UCOSC11	6	4	50	50	100
	III	Core -XII	Commercial Law	16UCOSC12	5	4	50	50	100
	III	Elective Theory	Entrepreneurial Development	16UCOSE01	6	5	50	50	100
	IV	Value Education	Value Education	16UVED401	2	2			
			TOTAL CREDITS/HOURS		30	23			
VI	III	Core – XIII	Cost Accounting	16UCOSC13	6	4	50	50	100
	III	Core– XIV	Industrial Law	16UCOSC14	6	4	50	50	100
	III	Core –XV	Income Tax Law & Practice-II	16UCOSC15	6	4	50	50	100
	III	Core-XVI	Goods and Services Tax & Customs Law	16UCOSC16	6	4	50	50	100
	III	Core-Project	Institutional Training	16UCOSE02	6	6	50	50	100
	IV	Extension	Extension Activities			1	50	50	100
			TOTAL CREDITS/HOURS		30	23			
Total					180	140			

B.Com (Accounting & Finance)
COURSE STRUCTURE 2016-19 Batch

Semester	Part	Course	Title	Subject Code	Credits	Hours	Marks		Total
							Internal	External	
I	I	Language	Tamil-I	16UTAMF01	3	6	50	50	100
			Sanskrit-I	16USANF01					
			Hindi-I	16UHINF01					
			French-I	16UFREF01					
	II	English	English (Incl. Skill based subject)	16UENG21	3	6	50	50	100
	III	Core I	Fundamentals of Accounting	16UCAFCO1	4	5	50	50	100
	III	Core II	Principles of Management	16UCAFCO2	4	5	50	50	100
	III	Allied 1	Business Maths & Statistics	16UMATA12	5	6	50	50	100
	IV	1. NME/ Basic/ Advanced Tamil	Basics of Retail Marketing	16UNME01H	2	2		100	100
			Basic Tamil-I	16UBAT401					
			Advanced Tamil-I	16UADT401					
		2. Skill based subject	Listening and Speaking Skills	16UGSLS01	3	-		100	100
Total Credits - 24 / Total Hours Per Week - 30									
II	I	Language	Tamil-II	16UTAMF02	3	6	50	50	100
			Sanskrit-II	16USANF02					
			Hindi-II	16UHINF02					
			French-II	16UFREF02					
	II	English	English (Incl. Skill based subject)	16UENG22	3	6	50	50	100
	III	Core III	Business and Corporate Laws	16UCAFC03	4	5	50	50	100
	III	Core IV	Advanced Financial Accounting	16UCAFC04	4	5	50	50	100
	III	Allied II	Business Maths & Operations Research	16UMATA16	5	6	50	50	100
	IV	1. NME/ Basic/ Advanced Tamil	Basics of Business Insurance	16UNME02P	3	-		100	100
			Basic Tamil-II	16UBAT402					
			Advanced Tamil-II	16UADT402					
		2. Soft Skill II	Reading and Writing Skills	16UGSLS02	2	2		100	100
Total Credits - 24 / Total Hours Per Week - 30									
III	III	Core V	Banking	16UCAFC05	4	5	50	50	100
		Core VI	Corporate Accounting	16UCAFC06	4	6	50	50	100
		Core VII	Business Communication	16UCAFC07	4	5	50	50	100
		Core VIII	Investment Planning	16UCAFC08	4	6	50	50	100
		Allied III	Practical Auditing	16UCAFA03	5	6	50	50	100
	IV	Soft Skill III	Personality Enrichment	16UGSLS03	3	2		100	100
	Total Credits - 24 / Total Hours Per Week - 30								

Semester	Part	Course	Title	Subject Code	Credits	Hours	Internal	External	Total
IV	III	Core IX	Entrepreneurial Development	16UCAFC09	4	5	50	50	100
		Core X	Financial Services	16UCAFC10	4	5	50	50	100
		Core XI	Business and International Economics	16UCAFC11	4	5	50	50	100
		Core XII	Advanced Corporate Accounting	16UCAFC12	4	5	50	50	100
		Allied IV	Business Taxation	16UCAFC04	5	6	50	50	100
	IV	Soft Skill IV	Computing Skills	16UGSLS04	3	2		100	100
		EVS	Environmental Studies	16UEVS401	2	2		100	100
Total Credits - 26 / Total Hours Per Week - 30									
V	III	Core XIII	Professional Cost Accounting	16UCAFC13	4	6	50	50	100
		Core XIV	Management Accounting	16UCAFC14	4	6	50	50	100
		Core XV	Income Tax Law And Practice – I	16UCAFC15	4	6	50	50	100
		Core XVI	Marketing Management	16UCAFC16	4	5	50	50	100
		Elective – I	Business Policy and Strategic Management	16UCAFE01	5	6	50	50	100
	IV	Value Education	Value Education	16UVED401	2	1		100	100
Total Credits - 23 / Total Hours Per Week - 30									
VI	III	Core XVII	Advanced Financial Management	16UCAFC17	4	6	50	50	100
		Core XVIII	Income Tax Law And Practice – II	16UCAFC18	4	6	50	50	100
		Core XIX	Project Viva Voce	16UCAFC19	4	6	50	50	100
		Elective – II	Working Capital Management	16UCAFE02	5	6	50	50	100
		Elective – III	Human Resource Management	16UCAFE02	5	6	50	50	100
	V	Extension Activity	Community Service		1	-	-	-	-
Total Credits - 23 / Total Hours Per Week - 30									
Grand Total Credits - 144 / Total Hours Per Week – 180									

B.Com (Honours)
COURSE STRUCTURE 2016-19 Batch

Semester	Part	Course	Title	Subject Code	Credits	Hours	Marks		Total
							Internal	External	
I	I	Language	Language (Tamil/ Hindi/ Sanskrit/ French)	16UHTAF01/ 16UHHIF01/ 16UHSAF01/ 16UHFRF01	3	4	50	50	100
	II	English	English	16UHENF21	3	4	50	50	100
	III	CORE I	Financial Accounting - I	16UHONC01	4	6	50	50	100
		CORE II	Marketing Practice	16UHONC02	4	5	50	50	100
		CORE III	Principles of Management	16UHONC03	4	4	50	50	100
		CORE IV	Business Economics	16UHONC04	4	5	50	50	100
	IV	NME I	Basic Tamil/ Retail Marketing	16UHBT401/ 16UNME01N	2	2	-	100	100
			Internship - I (two weeks)	16UIN401	2				
TOTAL CREDIT – 26/ TOTAL HOURS PER WEEK – 30									
II	I	Language	Language –II (Tamil/Hindi/ Sanskrit/French)	16UHTAF02/ 16UHHIF02/ 16UHSAF02/ 16UHFRF02	3	4	50	50	100
	II	English	English – II	16UHENF22	3	4	50	50	100
	III	CORE V	Financial Accounting –II	16UHONC05	4	6	50	50	100
		CORE VI	Banking Theory & Practices	16UHONC06	4	5	50	50	100
		CORE VII	Services Marketing	16UHONC07	4	4	50	50	100

		CORE VIII	Business Policy & Environment	16UHONC08	4	5	50	50	100
	IV	NME II	Basic Tamil/ Basics of Insurance	16UHBT402/ 16UNME02N	2	2		100	100
			Internship - II (four weeks)	16UINT401	4				
TOTAL CREDIT – 28/ TOTAL HOURS PER WEEK - 30									
III	III	CORE IX	Corporate Accounting	16UHONC09	4	6	50	50	100
		CORE X	Business Law	16UHONC10	4	5	50	50	100
		CORE XI	Business Mathematics	16UMATA20	4	5	50	50	100
		CORE XII	Financial Services	16UHONC11	4	5	50	50	100
		CORE XIII	Logistics and Supply chain Management	16UHONC12	4	5	50	50	100
		CORE XIV	International Trade	16UHONC13	4	4	50	50	100
			Internship - III (two weeks)	16UINT401	2				
TOTAL CREDIT – 26/ TOTAL HOURS PER WEEK - 30									
IV	III	CORE XV	Business Statistics and Operations Research	16UHONC15	4	5	50	50	100
		CORE XVI	Insurance and Risk Management	16UHONC16	4	4	50	50	100
		CORE XVII	Special Accounts	16UHONC17	4	5	50	50	100
		CORE XVIII	Company Law	16UHONC18	4	5	50	50	100

		CORE XIX	Financial Management	16UHONC19	4	5	50	50	100
		CORE XX	Customer Relationship Management	16UHONC20	4	4	50	50	100
	IV		Environmental Studies	16UEVS401	2	2		100	100
			Internship - IV (four weeks)	16UINT401	4				
TOTAL CREDIT – 30/ TOTAL HOURS PER WEEK - 30									
V	III	CORE XXI	Cost Accounting	16UHONC21	4	6	50	50	100
		CORE XXII	Corporate ethics and Governance	16UHONC22	4	5	50	50	100
		CORE XXIII	Income Tax, Law and Practice	16UHONC23	4	5	50	50	100
		CORE XXIV	Accounting Standards	16UHONC24	4	5	50	50	100
		CORE XXV	Practical Auditing	16UHONC25	4	5	50	50	100
		CORE XXVI	Research Methodology	16UHONC26	4	4	50	50	100
	IV		Value Education	16UVED401	2			100	100
			Internship - V (two weeks)	16UINT401	2			100	100
TOTAL CREDIT – 28/ TOTAL HOURS PER WEEK - 30									

VI	III	CORE XXVII	Accounting for Decision Making	16UHONC27	4	6	50	50	100
		CORE XXVIII	Human Resource Management	16UHONC28	4	5	50	50	100
		CORE XXIX	Security Analysis and Portfolio Management	16UHONC29	4	5	50	50	100
		CORE XXX	Entrepreneurial Development	16UHONC30	4	4	50	50	100
		CORE XXXI	Business Taxation	16UHONC31	4	5	50	50	100
			Project & Viva-voce	16UHONC32	8	5		100	100
			Extension Activities		1				
	TOTAL CREDIT – 29/ TOTAL HOURS PER WEEK - 30								
	GRAND TOTAL CREDIT 167– / TOTAL HOURS PER WEEK – 180								

M.Com (General)

COURSE STRUCTURE 2016-18 Batch

Semester	Part	Course Components	Subjects Code	Subject Name	Credits	Hours	Marks		Total
							Internal	External	
I	III	Core Paper – I	16PCOMC01	Advanced Corporate Accounting And Accounting Standards	4	6	50	50	100
		Core Paper – II	16PCOMC02	Financial Management	4	6	50	50	100
		Core Paper – III	16PCOMC03	Organisational Behaviour	4	5	50	50	100
		Core Paper – IV	16PCOMC04	Managerial Economics	4	5	50	50	100
		Elective – I	16PCOME01	Accounts For Specialised Institutions	4	6	50	50	100
	IV	Soft Skill – I	16PGSLS01A	Essentials of Language and Communication	2	2	50	50	100
CREDIT TOTAL = 22									
II	III	Core Paper – V	16PCOMC05	Advanced Business Statistics	4	6	50	50	100
		Core Paper – VI	16PCOMC06	Marketing of Services	4	6	50	50	100
		Core Paper – VII	16PCOMC07	Income Tax Law And Practice	4	5	50	50	100
		Core Paper - VIII	16PCOMC08	Advanced Cost and Management Accounting	4	6	50	50	100
		Elective – II – Extra Disciplinary	16PCOME02	Knowledge Management	4	5	50	50	100
	IV	Internship	16PINT401		2				100
		Soft Skill – II	16PGSLS02C	Computing Skills	2	2	50	50	100
CREDIT TOTAL = 24									
III	III	Core Paper – IX	16PCOMC09	Research Methodology	4	6	50	50	100
		Core Paper – X	16PCOMC10	Fundamentals of Information Technology	4	5	50	50	100
		Core Paper – XI	16PCOMC11	Accounting For Decision Making	4	6	50	50	100
		Core Paper – XII	16PCOMC12	Indirect Taxes	4	5	50	50	100
		Elective – III Extra Disciplinary	16PCOME03	Operations Research	4	6	50	50	100
	IV	Soft Skill – III	16PGSLS04F	Essentials of Spoken and Presentation Skills	2	2	50	50	100
CREDIT TOTAL = 22									
IV	III	Core Paper – XIII	16PCOMC13	Management Information System	4	5	50	50	100
		Core Paper – XIV	16PCOMC14	Investment Analysis and Portfolio Theory	4	5	50	50	100
		Core Paper – XV	16PCOMC15	Project Plus Viva Voce	8	6	40	60	100
		Elective –IV	16PCOME04	Computerized Accounting	4	6	50	50	100
	IV	Soft Skill – IV	16PGSLS06H	Personality Enrichment	2	2	50	50	100
CREDIT TOTAL = 22									
OVER ALL CREDIT TOTAL = 90									

Bachelor of Business Administration - BBA

COURSE STRUCTURE OF 2016-19 Batch

Semester	Part	Course	Subject Name	Subject Code	Hours	Credits	CIA	ESE	Total
I	I	Language	Language –I (Tamil/Hindi/Sanskrit/French)	16UTAMF01 16UHINF01 16USANF01 16UFREF01	6	3	50	50	100
	II	English	English - I	16UENG21	4	3	50	50	100
	III	Core Paper- I	Financial Accounting	16UBBAC01	6	4	50	50	100
	III	Core Paper- II	Principles of Management	16UBBAC02	5	4	50	50	100
	III	Allied- I	Business Communication	16UBBAA01	5	5	50	50	100
	III	Soft Skill - I	Skill based subject (English Dept)	16UGSLS01	2	3	-	100	100
	IV	Non Major Elective	Non-Tamil Students : Tamil Basic/Advanced Tamil Students: Basics of Retail Marketing	16UBAT401 16UNME01H	2	2	-	100	100
TOTAL CREDITS- 24 / TOTAL HOURS PER WEEK – 30									
II	I	Language	Language –II (Tamil/Hindi/Sanskrit/French)	16UTAMF02 16UHINF02 16USANF02 16UFREF02	6	3	50	50	100
	II	English	English -II	16UENG22	4	3	50	50	100
	III	Core Paper- III	Business and Corporate Laws	16UBBAC03	5	4	50	50	100
	III	Core Paper- IV	Management Accounting	16UBBAC04	5	4	50	50	100
	III	Allied- II	Managerial Economics	16UBBAA02	6	5	50	50	100
	IV	Soft Skill - II	Skill based subject (English Dept)	16UGSLS02	2	3	-	100	100
	IV	Non Major Elective	Non-Tamil Students :Basic/ Advanced Tamil Tamil Students: Basics of Business Insurance	16UBAT402/ 16UADT402 16UNME02P	2	2	-	100	100
TOTAL CREDITS- 24 / TOTAL HOURS PER WEEK - 30									
III	III	Core Paper- V	Marketing Management	16UBBAC05	5	4	50	50	100
	III	Core Paper- VI	Financial Management	16UBBAC06	6	4	50	50	100
	III	Core Paper- VII	E – Business	16UBBAC07	6	4	50	50	100
	III	Core Paper- VIII	Entrepreneurial Development	16UBBAC08	5	4	50	50	100
	III	Allied- III	Business Statistics& O.R – I	16UMATA18	6	5	50	50	100
	IV	Soft Skills - III	Personality Enrichment	16UGSLS03	2	3	-	100	100
TOTAL CREDITS- 24 / TOTAL HOURS PER WEEK - 30									

Semester	Part	Course	Subject Name	Subject Code	Hours	Credits	CIA	ESE	Total
IV	III	Core Paper- IX	International Economics	16UBBAC09	5	4	50	50	100
	III	Core Paper- X	Management Information System	16UBBAC10	5	4	50	50	100
	III	Core Paper- XI	Financial Services	16UBBAC11	5	4	50	50	100
	III	Core Paper- XII	Advertising Management and Sales Promotion	16UBBAC12	5	4	50	50	100
	III	Allied- IV	Business Statistics & O.R – II	16UMATA24	6	5	50	50	100
	IV	Soft Skills -IV	Computing Skills	16UGSLS04	2	3	-	100	100
	IV	Environmental Studies		16UEVS401	2	2	-	100	100
TOTAL CREDITS- 26 / TOTAL HOURS PER WEEK - 30									
	III	Core Paper- XIII	Business Environment	16UBBAC13	6	4	50	50	100
V	III	Core Paper- XIV	Organizational Behaviour	16UBBAC14	5	4	50	50	100
	III	Core Paper- XV	Business Research	16UBBAC15	6	4	50	50	100
	III	Core Paper- XVI	Business Taxation	16UBBAC16	6	4	50	50	100
	III	Elective – I :	Event Management	16UBBAE01	6	5	50	50	100
	IV	Value Education		16UVED401	1	2	-	100	100
TOTAL CREDITS- 23 / TOTAL HOURS PER WEEK - 30									
VI	III	Core Paper- XVII	Operations Management	16UBBAC17	6	4	50	50	100
	III	Core Paper- XVIII	Human Resources Management	16UBBAC18	6	4	50	50	100
	III	Core Paper- XIX	Services Marketing	16UBBAC19	6	4	50	50	100
	III	Elective - II	Customer Relationship Mgt.	16UBBAE02	6	5	50	50	100
	III	Elective - III	Project Work (Group)	16UBBAE03	6	5	20	80	100
	V	Extension Activities	Community Services		-	1			
TOTAL CREDITS- 23 / TOTAL HOURS PER WEEK - 30									
GRAND TOTAL CREDITS- 144 / TOTAL HOURS PER WEEK – 180									

B.Com (Bank Management)

COURSE STRUCTURE OF 2016-19 Batch

Semester	Part	Course	Subject Name	Subject Code	Hours	Credits	Marks		Total
							CIA	ESE	
I	I	Language	Language-I (Tamil, Sanskrit/Hindi/French)	16UTAMF01/ 16USANF01/ 16UHINF01/ 16UFREF01	6	3	50	50	100
	II	English	English I	16UENGF21	6	3	50	50	100
	III	Core I	Financial Accounting	16UCBMC01	5	4	50	50	100
	III	Core II	Principles of Management	16UCBMC02	5	4	50	50	100
	III	Allied I	Business Communication	16UCBMA01	6	5	50	50	100
	IV	NME I	An overview of ISO	16UNME01P	2	2	-	100	100
	IV	Tamil/Advanced Tamil	Basic Tamil-I/ Advanced Tamil	16UBAT401/ 16UADT401					
	IV	Skill Based Subjects	Soft Skill I: Listening and speaking skills	16UGSLS01	-	3	-	100	100
Total					30	24	250	450	700
I I	I	Language	Language-II (Tamil-II, Sanskrit-II/Hindi-II/French-II)	16UTAMF02/ 16USANF02/ 16UHINF02/ 16UFREF02	6	3	50	50	100
	II	English	English II	16UENGF22	6	3	50	50	100
	III	Core III	Business and Corporate laws	16UCBMC03	5	4	50	50	100
	III	Core IV	Theory of Money and Banking	16UCBMC04	5	4	50	50	100
	III	Allied II	Business Economics	16UCBMA02	6	5	50	50	100
	IV	NME II	Basics of Business Insurance	16UNME02P	2	2	-	100	100
	IV	Tamil/Advanced Tamil	Basic Tamil-II/ Advanced Tamil	16UBAT402/ 16UADT402					
	IV	Skill Based Subjects	Soft Skill II: Reading and writing skills	16UGSLS02	-	3	-	100	100
Total					30	24	250	450	700
III	I	Core V	Marketing Management	16UCBMC05	5	4	50	50	100
	II	Core VI	Corporate Accounting	16UCBMC06	6	4	50	50	100
	III	Core VII	Banking theory Law and practice	16UCBMC07	6	4	50	50	100
	III	Core VIII	Entrepreneurial Development	16UCBMC08	5	4	50	50	100

	III	Allied III	Business statistics and Operations Research - I	16UMATA18	6	5	50	50	100
	IV	Skill Based Subjects	Personality Enrichment	16UGSLS03	2	3	-	100	100
Total					30	24	250	350	600
IV	I	Core IX	International Economics	16UCBMC09	5	4	50	50	100
	II	Core X	Financial Services	16UCBMC10	5	4	50	50	100
	III	Core XI	Advanced Corporate Accounting	16UCBMC11	5	4	50	50	100
	III	Core XII	Human Resource Management	16UCBMC12	5	4	50	50	100
	III	Allied IV	Business Statistics and Operations Research - I	16UMATA24	6	5	50	50	100
	IV	Skill Based Subjects	Computing skills	16UGSLS04	2	3	-	100	100
	IV	EVS	Environmental studies	16UEVS401	2	2	-	100	100
Total					30	26	250	450	700
V	I	Core XIII	International Banking	16UCBMC13	5	4	50	50	100
	II	Core XIV	Banking Theory Regulatory Mechanism	16UCBMC14	5	4	50	50	100
	III	Core XV	Financial Management	16UCBMC15	6	4	50	50	100
	III	Core XVI	Practical Auditing	16UCBMC16	6	4	50	50	100
	III	Elective I	Personal Investment	16UCBME01	6	5	50	50	100
	IV	Value Education	Value Education	16UVED401	2	2	-	100	100
Total					30	23	250	350	600
VI	I	Core XVII	Marketing of Banking	16UCBMC17	6	4	50	50	100
	II	Core XVIII	Cost and Management Accounting	16UCBMC18	6	4	50	50	100
	III	Core XIX	Credit and Risk Management in Banking	16UCBMC19	6	4	50	50	100
	III	Elective II	Customer Relationship Management	16UCBME02	6	5	50	50	100
	III	Elective III	Project	16UCBME03	6	5	-	100	100
	IV	Extension	Extension activities	EXTU501	-	1	-	-	-
Total					30	23	200	300	500
Grand Total					180	144	1450	2350	3800

COURSE STRUCTURE OF 2016-19 Batch

Semester	Part	Course	Subject Code	Title	Hours	Credits	Internal	External	Total
Semester I	I	Language- I	16UTAMF01	LANGUAGE - I	6	3	50	50	100
	II	English -I	16UENGF21	ENGLISH - I	4	3	50	50	100
	III	Core Paper I	16UCMMC01	FINANCIAL ACCOUNTING	6	4	50	50	100
		Core Paper II	16UCMMC02	PRINCIPLES OF MANAGEMENT	5	4	50	50	100
		Allied Paper	16UCMMA01	BUSINESS COMMUNICATION	5	5	50	50	100
	IV	Soft Skill I	16UGSLS01	LISTENING AND SPEAKING SKILL	2	3	50	50	100
		NME	16UNME01P	AN OVERVIEW OF ISO	2	3	50	50	100
	Total Credits: 24 / Total Hours per week: 30								
Semester II	I	Language- II	16UTAMF02	LANGUAGE - II	6	3	50	50	100
	II	English -II	16UENGF22	ENGLISH - II	4	3	50	50	100
	III	Core Paper III	16UCMMC03	BUSINESS AND CORPORATE LAWS	5	4	50	50	100
		Core Paper IV	16UCMMC04	BANKING	5	4	50	50	100
		Allied Paper	16UMATA17	BUSINESS STATISTICS AND OPERATIONS RESEARCH - I	6	5	50	50	100
	IV	Soft Skill - II	16UGSLS02	READING AND WRITING SKILLS	2	3	50	50	100
		NME -II	16UNME02P	BASICS OF BUSINESS INSURANCE	2	2	50	50	100
	Total Credits: 24 / Total Hours per week: 30								
Semester III	III	Core Paper V	16UCMMC05	MARKETING MANAGEMENT	5	4	50	50	100
		Core Paper VI	16UCMMC06	CORPORATE ACCOUNTING	6	4	50	50	100
		Core Paper VII	16UCMMC07	E-BUSINESS	6	4	50	50	100
		Core Paper VIII	16UCMMC08	ENTREPRENEURIAL DEVELOPMENT	5	4	50	50	100
		Allied Paper - IV	16UMATA21	BUSINESS STATISTICS AND OPERATION RESEARCH - II	6	5	50	50	100
	IV	Soft Skill - III	16UGSLS03	PERSONALITY ENRICHMENT	2	3	50	50	100
Total Credits: 24 / Total Hours per week: 30									

Semester IV	III	Core Paper IX	16UCMMC09	BUSINESS AND INTERNATIONAL ECONOMICS	5	4	50	50	100
		Core Paper X	16UCMMC10	RESEARCH METHODS IN BUSINESS	5	4	50	50	100
		Core Paper XI	16UCMMC11	FINANCIAL SERVICES	5	4	50	50	100
		Core Paper XII	16UCMMC12	FINANCIAL MANAGEMENT	5	4	50	50	100
		Allied	16UCMMA04	HUMAN RESOURCE MANAGEMENT	6	5	50	50	100
	IV	Soft Skill - IV	16UGSLS04	COMPUTING SKILLS	2	3	50	50	100
	III	EVS	16UEVS401	EVS	2	2	-	-	100
		Total Credits: 26 / Total Hours per week: 30							
Semester V	III	Core Paper XIII	16UCMMC13	COST ACCOUNTING	6	4	50	50	100
		Core Paper XIV	16UCMMC14	RETAIL MARKETING	5	4	50	50	100
		Core Paper XV	16UCMMC15	INTERNATIONAL MARKETING	6	4	50	50	100
		Core Paper XVI	16UCMMC16	ADVERTISING MANAGEMENT AND SALES PROMOTION	6	4	50	50	100
		Elective - I	16UCMME01	TOURISM MANAGEMENT	6	5	50	50	100
	IV	Value Education	16UVED401	VALUE EDUCATION	1	2	50	50	100
		Total Credits: 23 / Total Hours per week: 30							
Semester VI	III	Core Paper XVII	16UCMMC17	SALES AND DISTRIBUTION MANAGEMENT	6	4	50	50	100
		Core Paper XVIII	16UCMMC18	MANAGEMENT ACCOUNTING	6	4	50	50	100
		Core Paper XIX	16UCMMC19	SERVICE MARKETING	6	4	50	50	100
		Elective II	16UCMME02	SUPPLY CHAIN MANAGEMENT	6	5	50	50	100
		Elective III	16UCMME03	Project Work	6	5	50	50	100
	IV	Extension Activities		(NSS, NCC, RC, CCC, YRC)	`	1	-	-	-
		Total Credits: 23 / Total Hours per week: 30							
		Total Credits: 144 / Total Hours per week: 180							

Master of Business Administration - MBA
Course Structure 2016-18 Batch

Semester	Part	Course	Title	Subject Code	Hours	Credits	Marks		Total
							Internal	External	
I	III	Core Paper- I	Management principles	16PMBA C01	5	4	50	50	100
	III	Core Paper- II	Statistics and Quantitative methods for Business	16PMBA C02	5	4	50	50	100
	III	Core Paper- III	Organizational behavior	16PMBA C03	5	4	50	50	100
	III	Core Paper- IV	Management Accounting	16PMBA C04	5	4	50	50	100
	III	Core Paper- V	Managerial Economics	16PMBA C05	5	4	50	50	100
	III	ED I –Extra Disciplinary I	Innovation and Entrepreneurship	16PMBA E01	3	3	50	50	100
	IV	Soft Skills -I	Essentials of language and communication skills	16PGSL S01	2	2	-	100	100
Total Credits: 25 / Total Hours per week: 30									
II	III	Core Paper- VI	Legal systems in business	16PMBA C06	5	4	50	50	100
	III	Core Paper- VII	Applied operations Research	16PMBA C07	4	4	50	50	100
	III	Core Paper- VIII	Human Resources Management	16PMBA C08	4	4	50	50	100
	III	Core Paper- IX	Marketing management	16PMBA C09	4	4	50	50	100
	III	Core Paper- X	Operations Management	16PMBA C10	4	4	50	50	100
	III	Core Paper- XI	Financial Management	16PMBA C11	4	4	50	50	100
	III	ED II –Extra Disciplinary II	Business Research Methods	16PMBA E02	3	3	50	50	100
	IV	Soft Skills –II	Spoken and Presentation Skills	16PGSL S02	2	2	-	100	100
Total Credits: 29 / Total Hours per week: 30									
III	III	Core Paper- XII	Strategic Management	16PMBA C12	6	4	50	50	100
	III	Core Paper- XIII	Management information system	16PMBA C13	6	4	50	50	100
	III	Elective- I	Left to the choice of students		4	3	50	50	100
	III	Elective- II			4	3	50	50	100

	III	Elective- III			4	3	50	50	100
	III	Elective- IV			4	3	50	50	100
	IV	Soft Skills -III	Contemporary Awareness	16PGSL S05	2	2	-	100	100
		Internship *		16PINT4 01	-	2	-	100	100
Total Credits: 24 / Total Hours per week: 30									
IV	III	Elective- V	Left to the choice of students		12	3	50	50	100
	III	Elective- VI			12	3	50	50	100
	III	Core Paper-XIV	Project work and viva voce **	16PMBA C14	-	8		200	200
	IV	Soft Skills -IV	Managerial Skills	16PGSL S04	6	2	-	100	100
Total Credits: 16 / Total Hours per week: 30									
						94			

HR Electives:

III / IV	III	Elective- I	Industrial Relations and Labour Welfare	16PMBA E05	4	3	50	50	100
	III	Elective- II	Compensation Management	16PMBA EH4	4	3	50	50	100
	III	Elective- III	Strategic Human Resource Management	16PMBA E04	4	3	50	50	100
	III	Elective- IV	Human Resources Development	16PMBA EH5	4	3	50	50	100
	III	Elective- V	Managerial Behavior and Effectiveness	16PMBA EH1	4	3	50	50	100
	III	Elective- VI	Stress Management	16PMBA EH6	4	3	50	50	100

Finance Electives:

III / IV	III	Elective- I	Corporate Finance	16PMBA EF2	4	3	50	50	100
	III	Elective- II	Banking Financial Services Management	16PMBA EF4	4	3	50	50	100
	III	Elective- III	Corporate Restructuring	16PMBA EF5	4	3	50	50	100
	III	Elective- IV	Security Analysis and Portfolio Management	16PMBA EF1	4	3	50	50	100

	III	Elective- V	Merchant Banking and Financial Services	16PMBA EF3	4	3	50	50	100
	III	Elective- VI	Tax Management	16PMBA EF6	4	3	50	50	100

Marketing Electives:

III / IV	III	Elective- I	Retail Marketing	16PMBA EM2	4	3	50	50	100
	III	Elective- II	Brand Management	16PMBA EM4	4	3	50	50	100
	III	Elective- III	Services Marketing	16PMBA EM3	4	3	50	50	100
	III	Elective- IV	Consumer Behaviour	16PMBA EM5	4	3	50	50	100
	III	Elective- V	Sales and Distribution Management	16PMBA EM6	4	3	50	50	100
	III	Elective- VI	Advertising Management and Sales Promotion	16PMBA EM1	4	3	50	50	100

*Internship:

Students have to work in any business organization for a period of 30 days and to submit a written report of their performance in the organization

Students should choose Six Subjects from the list of electives in consultation with the Head of the Institution.

** The Project Work will be evaluated jointly by TWO Examiners (i.e. one for Internal and the other for External) for a Maximum of 150 Marks (6 Credits).

The Viva-voce will be conducted by Two Examiners (i.e. one for Internal and the other for External) for a Maximum of 50 Marks (2 Credits).

Bachelor of Computer Applications - BCA

COURSE STRUCTURE 2016-19 Batch

Semester	Part	Course Component	Subject Code	Subject Name	Credits	Hours	Internal	External	Total
Semester - I	I	Language	16UTAMF01	Tamil - I	3	6	50	50	100
	II	English	16UENGF21	English - I	3	4	50	50	100
	III	Core Paper-I	16UBCAC01	Programming in C	4	6	50	50	100
	III	Core Paper-II	16UBCAC02P	Practical – Programming in C	4	4	40	60	100
	III	Allied-I	16UMATA11	Mathematics I	5	6	50	50	100
	IV	Non Major Elective-II / Basic/ Advance Tamil	16UNME01K	Practical - Computing Skills	2	2	40	60	100
	IV	Soft Skills-I	16UGSLS01	Listening and Speaking skills	3	2	50	50	100
Total Credits: 24 / Total Hours per week: 30									
Semester - II	I	Language	16UTAMF02	Tamil - II	3	6	50	50	100
	II	English	16UENGF22	English - II	3	4	50	50	100
	III	Core Paper-III	16UBCAC03	Digital Logic Fundamentals and Microprocessor	4	5	50	50	100
	III	Core Paper-IV	16UBCAC04P	Practical - Microprocessor	4	5	40	60	100
	III	Allied-II	16UMATA15	Mathematics II	5	6	50	50	100
	IV	Non Major Elective-II / Basic/ Advance Tamil	16UNME02KP	Practical - HTML Lab	2	2	40	60	100
	IV	Soft Skills-II	16UGSLS02	Reading and Writing Skills	3	2	50	50	100
Total Credits: 24 / Total Hours per week: 30									
Semester - III	III	Core Paper-V	16UBCAC05	Data Structure and Algorithms	4	5	50	50	100
	III	Core Paper-VI	16UBCAC06	Programming in C++	4	6	50	50	100
	III	Core Paper-VII	16UBCAC07P	Practical – Data Structures using C++	4	5	40	60	100
	III	Core Paper-VIII	16UBCAC08	Operations Research	4	6	50	50	100
	III	Allied-III	16UBCAA03	Financial Accounting	5	6	50	50	100
	IV	Soft Skills-III	16UGSLS03	Personality Enrichment	3	2	-	100	100
Total Credits: 24 / Total Hours per week: 30									
Semester - IV	III	Core Paper-IX	16UBCAC09	Java Programming	4	6	50	50	100
	III	Core Paper-X	16UBCAC11	Computer Architecture	4	8	50	50	100
	III	Core Paper-XI	16UBCAC10P	Practical - Java Programming	4	6	40	60	100
	III	Allied-IV	16UBCAA04	Cost and Management Accounting	5	6	50	50	100
	IV	Soft Skills-IV	16UGSLS06	FLASH Lab	3	2	-	100	100
	IV	EVS	16UEVS401	Environmental Studies	2	2	-	100	100
Total Credits: 22 / Total Hours per week: 30									
Semester - V	III	Core Paper XII	16UBCAC12	Database Management System	4	6	50	50	100
	III	Core Paper XIII	16UBCAC13	Operating System	4	6	50	50	100
	III	Core Paper XIV	16UBCAC14P	Practical – RDBMS	4	6	40	60	100
	III	Elective-I	16UBCAE02	Refer Annexure – I (Visual Programming)	5	6	50	50	100
	III	Elective-II	16UBCAE01	Refer Annexure – I (Multimedia Systems)	5	5	50	50	100
	IV	Value Education	16UVED401	Value Education	2	1	-	100	100
Total Credits: 24 / Total Hours per week: 30									
Semester - VI	III	Core Paper-XV	16UBCAC15	PHP Scripting Language	4	6	50	50	100
	III	Core Paper-XVI	16UBCAC16	Software Engineering	4	6	50	50	100
	III	Core Paper-XVII	16UBCAC17	Computer Networks	4	6	50	50	100
	III	Core Paper-XVIII	16UBCAC18	Mini Project	4	6	40	60	100
	III	Elective-III	16UBCAE03	Refer Annexure – I (Software Testing)	5	6	50	50	100
	V	Extension Activity	16UEXT501	Extension Activity	1	-	-	-	-
Total Credits: 24 / Total Hours per week: 30									
Grand Total Credits: 140 / Total Hours per week: 180									

ANNEXURE

Course Component	Subject Name
Elective - I	1. Visual Programming 2. Unix Programming 3. Data Mining
Elective - II	1. Multimedia Systems 2. E-Commerce 3. Client/Server Computing
Elective - III	1. Cloud Computing 2. Software Testing 3. Distributed Computing

B.Sc. Computer Science
COURSE STRUCTURE 2016-19 Batch

Semester	Part	Course Component	Subject Code	Subject Name	Credits	Hours	Internal	External	Total
Semester - I	I	Language	16UTAMF01/ 16USANF01/ 16UHINF01/ 16UFREF01	Language – I	3	6	50	50	100
	II	English	16UENGF41	English – I	3	4	50	50	100
	III	Core Paper-I	16UCSCC01	Programming in C	4	6	50	50	100
	III	Core Paper-II	16UCSCC02P	Programming in C Practical	4	4	50	50	100
	III	Allied-I	16UMATA11	Mathematics I	5	6	50	50	100
	IV	Non Major Elective-I / Basic/ Advance Tamil	16UADT401/ 16UBAT401/ 16UNME01L	Advanced Tamil - I / Basic Tamil –I / Office Package – Practical	2	2	50	50	100
	IV	Soft Skills-I	16UGSLS01	Listening and Speaking Skills	3	2	-	100	100
Total Credits: 24 / TOTAL HOURS: per week: 30									
Semester - II	I	Language	16UTAMF02/ 16USANF02/ 16UHINF02/ 16UFREF02	Language - II	3	6	50	50	100
	II	English	16UENGF42	English - II	3	4	50	50	100
	III	Core Paper-III	16UCSCC03	Digital Logic Fundamentals & Microprocessor	4	6	50	50	100
	III	Core Paper-IV	16UCSCC04P	Microprocessor Practical	4	4	50	50	100
	III	Allied-II	16UMATA15	Mathematics II	5	6	50	50	100
	IV	Non Major Elective-II / Basic/ Advance Tamil	16UADT402/ 16UBAT402 / 16UNME02LP	Advanced Tamil - II / Basic Tamil –II / HTML Lab – Practical	2	2	50	50	100
	IV	Soft Skills-II	16UGSLS02	Reading and Writing Skills	3	2		100	100
Total Credits: 24 / TOTAL HOURS: per week: 30									

B.Sc. Computer Science
COURSE STRUCTURE 2016-19 Batch

Semester	Part	Course Component	Subject Code	Subject Name	Credits	Hours	Internal	External	Total
Semester - III	I	Language	16UTAMF03/ 16USANF03/ 16UHINF03/ 16UFREF03	Language - III	3	6	50	50	100
	II	English	16UENG43	English - III	3	4	50	50	100
	III	Core Paper-V	16UCSCC05	Programming in C++ & Data Structures	4	6	50	50	100
	III	Core Paper-VI	16UCSCC06P	C++ Practical	4	4	50	50	100
	III	Allied-III	16UMATA19	Operations Research	5	8	50	50	100
	IV	Soft Skills-III	16UGSLS03	Personality Enrichment	3	2		100	100
Total Credits: 22 / TOTAL HOURS: per week: 30									
Semester - IV	I	Language	16UTAMF04/ 16USANF04/ 16UHINF04/ 16UFREF04	Language - IV	3	6	50	50	100
	II	English	16UENG44	English - IV	3	4	50	50	100
	III	Core Paper-VII	16UCSCC07	Programming in Java	4	6	50	50	100
	III	Core Paper-VIII	16UCSCC08P	Programming in Java- Practical	4	4	50	50	100
	III	Allied-IV	16UMATA25	Statistical Methods and their Applications	5	4	50	50	100
	III	Allied-IV	16UMATA26P	Statistical Methods and their Applications - Practicals	-	2	50	50	100
	IV	Soft Skills-IV	16UGSLS05	Quantitative Aptitude	3	2	-	100	100
	IV	EVS	16UEVS401	Environmental Studies	2	2	*	100	100
Total Credits: 24 / TOTAL HOURS: per week: 30									

B.Sc. Computer Science
COURSE STRUCTURE 2016-19 Batch

Semester	Part	Course Component	Subject Code	Subject Name	Credits	Hours	Internal	External	Total
Semester - V	III	Core Paper-IX	16UCSCC09	Operating systems	4	6	50	50	100
	III	Core Paper-X	16UCSCC10	Database Management Systems	4	6	50	50	100
	III	Core Paper-XI	16UCSCC11	Visual Programming	4	6	50	50	100
	III	Core Paper-XII	16UCSCC12	Visual Programming – Practical	4	6	50	50	100
	III	Elective-I (Interdisciplinary Elective)	16UCSCE01P	RDBMS USING MYSQL	5	5	50	50	100
	IV	Value Education	16UVED401	Value Education	2	1	-	100	100
Total Credits: 23 / Total Hours per week: 30									
Semester - VI	III	Core Paper-XIII	16UCSCC13	Data Communication & Networking	4	6	50	50	100
	III	Core Paper-XIV	16UCSCC14	Web Technology	4	6	50	50	100
	III	Core Paper-XV	16UCSCC15P	Web Technology – Practical	4	6	50	50	100
	III	Elective-II	16UCSCE02/ 16UCSCE03/ 16UCSCE04	Software Engineering/ Computer Graphics/ Software Testing	5	6	50	50	100
	III	Elective-III	16UCSCE03	Mini Project	5	6	50	50	100
	V	Extension Activity	16UEXT501	Participation in NSS/NCC/ROTRACT etc.	1	-	-	-	-
Total Credits: 23 / Total Hours per week: 30									
Grand Total Credits: 140 / Total Hours per week: 180									

B. Com (Information Systems Management)

COURSE STRUCTURE 2016-19 Batch

Semester	Part	Course Component	Subject Code	Subject Name	Credits	Hours	Internal	External	Total
Semester - I	I	Language	16UTAMF01	Tamil - I	3	6	50	50	100
	II	English	16UENGF21	English - I	3	6	50	50	100
	III	Core Paper-I	16UISMC01	Financial Accounting (Common to B.Com (BM), B.Com (MM) & B.B.A.)	4	6	50	50	100
	III	Core Paper-II	16UISMC02	Principles of Management (Common to B.Com (A&F), B.Com (BM), B.Com (MM) & B.B.A.)	4	5	50	50	100
	III	Allied-I	16UISMA01P	Basic Computer Skills for Managers (Practicals)	5	5	50	50	100
	IV	Non Major Elective-I	16UNME01P	Overview of ISO	2	2		100	100
	IV	Soft Skills-I	16UGSLS01	Listening & Speaking Skills	3	-		100	100
Total Credits: 24 / Total Hours per week: 30									
Semester - II	I	Language	16UTAMF02	Tamil - II	3	6	50	50	100
	II	English	16UENGF22	English - II	3	6	50	50	100
	III	Core Paper-III	16UISMC03	Business Communication	4	5	50	50	100
	III	Core Paper-IV	16UISMC04	Management Accounting (Common to B.B.A., B.Com (ISM) & B.Com (MM))	4	5	50	50	100
	III	Allied-II	16UISMA02	Data Structures	5	6	50	50	100
	IV	Non Major Elective-II	16UNME02P	Basics of Business Insurance	2	2	-	100	100
	IV	Soft Skills-II	16UGSLS02	Reading & Writing Skills	3	-	-	100	100
Total Credits: 24 / Total Hours per week: 30									

Semester - III	III	Core Paper-V	16UISMC05	Marketing Management (Common to B.Com(ISM), B.Com (BM) & B.Com (MM))	4	5	50	50	100
	III	Core Paper-VI	16UISMC08	Cost Accounting (Common to B.Com(BM) & B.Com (MM))	4	6	50	50	100
	III	Core Paper-VII	16UISMC06	Programming in C (Theory)	4	6	50	50	100
	III	Core Paper-VIII	16UISMC07P	Programming in C (Practical)	4	5	50	50	100
	III	Allied-III	16UMATA18	Business Statistics and OR - I (Common to B.B.A, B.Com (BM) & B.Com (MM))	5	6	50	50	100
	IV	Soft Skills-III	16UGSLS03	Personality Enrichment	3	2	-	100	100
Total Credits: 24 / Total Hours per week: 30									
Semester - IV	III	Core Paper-IX	16UISMC11	Fundamentals of Database Concepts	4	5	50	50	100
	III	Core Paper-X	16UISMC09	OOPS with C++ (Theory)	4	5	50	50	100
	III	Core Paper-XI	16UISMC10P	OOPS with C++ (Practical)	4	5	50	50	100
	III	Core Paper-XII	16UISMC12	Research Methods in Business (Common to B.Com (MM))	4	5	50	50	100
	III	Allied-IV	16UMATA24	Business Statistics and OR - II (Common to B.B.A, B.Com (BM) & B.Com (MM))	5	6	50	50	100
	IV		16UEVS401	Environmental Studies	2	2		100	100
	IV	Soft Skills-IV	16UGSLS05	Quantitative Aptitude	3	2		100	100
Total Credits: 26 / Total Hours per week: 30									

Semester - V	III	Core Paper-XIII	16UISMC13	Management Information System (Common to B.B.A.)	4	6	50	50	100
	III	Core Paper-XIV	16UISMC14	Financial Management (Common to B.Com (MM) & B.B.A.)	4	6	50	50	100
	III	Core Paper-XV	16UISMC15	Web Technology (Theory)	4	6	50	50	100
	III	Core Paper-XVI	16UISMC16P	Web Technology (Practical)	4	5	50	50	100
	III	Elective-I (Interdisciplinary Elective)		Essentials Office Automation Tools and Email Etiquette (Practical)	5	6	50	50	100
	IV		16UVED401	Value Education	2	1		100	100
Total Credits: 23 / Total Hours per week: 30									
Semester - VI	III	Core Paper-XVII	16UISMC17	E- Business (Common to B.B.A, B.Com (MM))	4	6	50	50	100
	III	Core Paper-XVIII	16UISMC18	Entrepreneurial Development (Common to B.Com (BM), B.Com(MM), B.B.A, B.Com(A&F))	4	6	50	50	100
	III	Core Paper-XIX	16UISMC19	Human Resource Management (Common to B.B.A., B.Com (BM), B.Com (MM) & B.Com (A&F))	4	6	50	50	100
	III	Elective-II	16UISME02	(A) Software Project Management (B) Introduction To Cloud Computing	5	6	50	50	100
	III	Elective-III	16UISME03	Project Work	5	6		100	100
	V			Community Service	1	-		100	100
Total Credits: 23 / Total Hours per week: 30									
Grand Total Credits: 144 / Total Hours per week: 180									

Master of Computer Applications - MCA

COURSE STRUCTURE 2016-19 Batch

Semester	Part	Course Component	Subject Code	Subject Name	Credits	Hours	Internal	External	Total
Semester - I	III	Core Paper-I	16PMCAC01	Problem Solving and Programming in C	4	5	50	50	100
	III	Core Paper-II	16PMCAC02	Digital Computer Fundamentals	4	5	50	50	100
	III	Core Paper-III	16PMCAC03	Open Source Technologies	4	5	50	50	100
	III	Core Paper-IV	16PMCAC04P	Practical - I : Programming in C	2	4	50	50	100
	III	Core Paper-V	16PMCAC05P	Practical - II : Open Source Technology Lab	2	4	50	50	100
	III	Non-Major Elective	16PMCAE01	Mathematics and Statistical Methods for Computer Science	5	6	50	50	100
		Soft Skills-I	16PGSLS01	Language and Communication Skill	2	1	50	50	100
Total Credits: 23 / Total Hours per week: 30									
Semester - II	III	Core Paper-VI	16PMCAC06	C++ and Data Structures	4	5	50	50	100
	III	Core Paper-VII	16PMCAC07	Advanced Internet Technologies	4	5	50	50	100
	III	Core Paper-VIII	16PMCAC08	Operating Systems	4	5	50	50	100
	III	Core Paper-IX	16PMCAC09P	Practical - III : C++ and Data Structures Lab	2	4	50	50	100
	III	Core Paper-X	16PMCAC10P	Practical - IV : Advanced Internet Technologies Lab	2	4	50	50	100
	III	Extra-Disciplinary	16PMCAE02	Accounting and Financial Management	4	6	50	50	100
	IV	Soft Skills-II	16PGSLS02	Presentation Skill	2	1	50	50	100
Total Credits: 22 / Total Hours per week: 30									
Semester - III	III	Core Paper-XI	16PMCAC11	Java Programming	4	5	50	50	100
	III	Core Paper-XII	16PMCAC12	Computer Communication and Networking	3	4	50	50	100
	III	Core Paper-XIII	16PMCAC13	Web Development using PHP and MySQL	3	4	50	50	100
	III	Core Paper-XIV	16PMCAC14	Software Engineering and Project Management	3	4	50	50	100
	III	Core Paper-XV	16PMCAC15	Computer Graphics	3	4	50	50	100
	III	Core Paper-XVI	16PMCAC16P	Practical - V : Programming In Java Lab	2	4	50	50	100

III	Core Paper-XVII	16PMCAC17P	Practical - VI : PHP and MySQL Lab	2	4	50	50	100
IV	Soft Skills-III	16PGSLS03	Managerial Skill	2	1	50	50	100

Total Credits: 22 / Total Hours per week: 30

Semester - IV	III	Core Paper-XVIII	16PMCAC18	Advanced Java Programming (J2EE)	4	4	50	50	100
	III	Core Paper-XIX	16PMCAC20	Python Programming	4	5	50	50	100
	III	Core Paper-XX	16PMCAC22	Advanced Database Management System	4	4	50	50	100
	III	Core Paper-XXI	16PMCAC23	Software Testing and Quality Assurance	4	4	50	50	100
	III	Elective -I	16PMCAE03	Cloud Computing / Mobile Computing /Parallel Computing /Distributed Computing	3	4	50	50	100
	III	Core Paper-XXII	16PMCAC19P	Practical - VII : J2EE Lab	2	4	50	50	100
	III	Core Paper-XXIII	16PMCAC21P	Practical - VIII : Python Programming Lab	2	4	50	50	100
	IV	Soft Skills-IV	16PGSLS04	Quantitative Aptitude	2	1	50	50	100

Total Credits: 25 / Total Hours per week: 30

Semester - V	III	Core Paper-XXIV	16PMCAC24	.NET Technologies	4	5	50	50	100
	III	Elective -II	16PMCAE04	Data Mining and Warehousing / Big Data Analytics /Wireless Communication /Latest Technology - I	4	5	50	50	100
	III	Elective -III	16PMCAE05	MATLAB Programming / Object Oriented Analysis and Design / Design and Analysis of Algorithm / Latest Technology - II	3	5	50	50	100
	III	Elective -IV	16PMCAE06	Information Security /Enterprise Resource Planning /e-Commerce /Human Resource Management	3	5	50	50	100
	III	Core Paper-XXV	16PMCAC25P	Practical - IX : .NET Lab	2	4	50	50	100
	III	Core Paper-XXVI	16PMCAC26P	Practical - X : Mini Project	2	5	50	50	100
	IV	Soft Skills-V	16PGSLS05	Group Discussion	2	1	50	50	100
	III	Internship	16PINT401	During Summer Vacation of IV Semester 6 to 8 Weeks	3	-	50	50	100

Total Credits: 23 / Total Hours per week: 30

Semester - VI	IV	Soft Skills-VI	16PGSLS07	Content Writing	2	5	50	50	100
	III	Project	16PMCAC27	Project and Viva-Voce	18	25	20	60+20	100

Total Credits: 20 / Total Hours per week: 30

Grand Total Credits: 135 / Total Hours per week: 180

ELECTIVES

Course	Subject Code	Title
Elective - I	16PMCAE03	Cloud Computing
	16PMCAE16	Mobile Computing
	16PMCAE17	Parallel Computing
	16PMCAE18	Distributed Computing
Elective - II	16PMCAE07	Data mining and Warehousing
	16PMCAE04	Big data Analytics
	16PMCAE08	Wireless Communication
	16PMCAE09	Latest technology-I
Elective - III	16PMCAE10	Matlab programming
	16PMCAE05	Object oriented Analysis and Design
	16PMCAE11	Design and Analysis of Algorithm
	16PMCAE12	Latest technology-II
Elective - IV	16PMCAE06	Information Security
	16PMCAE13	Enterprise Resource Planning
	16PMCAE14	E-Commerce
	16PMCAE15	Human Resource Management

B.Sc. Biotechnology
Academic Year: 2017-2018 Batch

Semester	Part	Course Component	Subject Code	Subject Name	Credit	Hours	CIA	ESE	Total
Semester- I	I	Language	17UTAMF01/ 16UHINF01	Tamil-I/Hindi-I/ French- I / Sanskrit-I	3	6	50	50	100
	II	English	16UENG41	English-I	3	4	50	50	100
	III	Core-I	17UBTKC01	Cell Biology	4	6	50	50	100
	III	Core-II	17UBTKC02P	Practical I-Cell and Molecular Developmental Biology	-	2	*	*	*
	III	Core-III	17UBTKA02P	Microbiology Practical	-	2	*	*	*
	III	Allied-I	17UBTKA01	Microbiology-I	3	6	50	50	100
	IV	1. NME/ Basic Tamil	17UNME01D/ 16UBAT401	Laboratory Quality System	2	2	-	100	100
	IV	2. Skill based subjects	16UGSLS01	Soft skill I	3	2	-	100	100
Total Credit: 18 / Total Hours per week: 30									
Semester- II	I	Language	17UTAMF02/ 16UHINF02/	Tamil-II/Hindi-II/ French-II/ Sanskrit-II	3	6	50	50	100
	II	English	16UENG42	English II	3	4	50	50	100
	III	Core-IV	17UBTKC03	Molecular Developmental Biology	4	6	50	50	100
	III	Core-II	17UBTKC02P	Practical I – Cell and Molecular Developmental Biology	4	2	50	50	100
	III	Core-III	17UBTKA01	Practical II : Microbiology	4	2	50	50	100
	III	Allied-II	17UBTKA03	Microbiology II	3	6	50	50	100
	IV	1. NME/ Basic Tamil	17UNME02D/ 16UBTA402/ 16UADT402	Laboratory Instrumentation	2	2	---	100	100
	IV	2. Skill based subjects	16UGSLS02	Soft skill II	3	2	---	100	100
Total Credit: 26 / Total Hours per week: 30									
Semester- III	I	Language	16UTAMF03/ 16UHINF03/	Tamil-III/Hindi-III/ French-III/ Sanskrit-III	3	6	50	50	100
	II	English	16UENG43	English III	3	4	50	50	100
	III	Core-V	17UBTKC04	Genetics	4	6	50	50	100
	III	Core-VI	17UBTKC05P	Practical III – Genetics and Plant Biotechnology	-	2	*	*	*
	III	Core-VII	17UBTKA05P	Practical IV– Biochemistry	-	2	*	*	*
	III	Allied-III	17UBTKA04	Biochemistry	4	6	50	50	100
	IV	1. Skill based subjects	16UGSLS03	Soft skill III	3	2	---	100	100
	IV	2. EVS	16UVES401	Environmental science	---	2	*	*	*
Total Credit: 17 / Total Hours per week: 30									

Semester	Part	Course Component	Subject Code	Subject Name	Credit	Hours	CIA	ESE	Total
Semester- IV	I	Language	16UTAMF04 /16UHINF04/	Tamil IV	3	6	50	50	100
	II	English	16UENGF44	English IV	3	4	50	50	100
	III	Core-VIII	17UBTKC06	Plant Biotechnology	4	6	50	50	100
	III	Core-VI	17UBTKC05P	Practical III – Genetics and Plant Biotechnology	4	2	50	50	100
	III	Core-VII	17UBTKA05P	Practical-IV Biochemistry	4	2	50	50	100
	III	Allied-IV	17UBTKA06	Biochemistry II	3	6	50	50	100
	IV	1..Skill based subjects	16UGSLS04	Soft skill III	3	2	-	100	100
	IV	2. EVS	16UVES401	Environmental Studies	2	2	-	100	100
Total Credit: 26 / Total Hours per week: 30									
Semester- V	III	Core -IX	17UBTKC07	Animal and Medical Biotechnology	4	4	50	50	100
	III	Core- X	17UBTKC08	Bioinformatics	4	4	50	50	100
	III	Core - XI	17UBTKC09	Immunology	4	4	50	50	100
	III	Core XII	17UBTKC10	Biostatistics and Computer Applications for Life Sciences	4	4	50	50	100
	III	Core XIII	17UBTKC11P	Practical III - Animal, Medical Biotechnology and Immunology	-	4	50	50	100
	III	Core XIV	17UBTKC12P	Practical IV - Genetic engineering and Bioprocess Technology	-	4	*	*	*
	III	Elective – I	17UBTKE01	Pharmaceutical Biotechnology	5	5	50	50	100
	IV	Value Education	16UVED401	Value education	2	1	*	100	100
Total Credit: 23 / Total Hours per week: 30									
Semester- VI	III	Core XI	17UBTKC13	Genetic Engineering	5	6	50	50	100
	III	Core XII	17UBTKC14	Bioprocess technology	5	5	50	50	100
	III	Core XIII	17UBTKC15	Biotechnology and Nanotechnology	5	5	50	50	100
	III	Core XV	17UBTKC12P	Practical-IV Genetic Engineering and Bioprocess technology	4	4	50	50	100
	III	Elective II	17UBTKE02	Microbial Biotechnology	5	5	50	50	100
	III	Elective III	17UBTKE03	Environmental Biotechnology	5	5	50	50	100
	IV	Extension Activities		Extension Activities		1	-	-	-
Total Credit: 30 / Total Hours per week: 30									
Grand Total Credit: 140 / Total Hours per week: 180									

B.Sc. Information Technology
COURSE STRUCTURE 2018-21 Batch

Sem.	Part	Course Component	Subject Name	Subject Code	Credits	Hours	Internal	External	Total
I	I	Language	Language-I	17UTAMF01	3	6	50	50	100
	II	English	English-I	16UENGF41	3	4	50	50	100
	III	Core Paper-I	Programming in C & Linux	18UBITC01	4	6	50	50	100
		Core Paper-II	Practical – Programming in C & Linux Lab	18UBITC02P	4	4	50	50	100
		Allied – I	Allied Mathematics	18UMATA11	5	6	50	50	100
	IV	NME -Non Major Elective I	Basic Tamil/Practical Computing Skills	16UNME01K	2	2	50	50	100
		Soft skills -I	Essentials of Language And Communication Skills Level-I	17UGSLS01	3	2	50	50	100
	CREDIT TOTAL = 24								
II	I	Language	Language – II	17UTAMF02	3	6	50	50	100
	II	English	English- II	16UENGF42	3	4	50	50	100
	III	Core III	Programming in Java	18UBITC03	4	5	50	50	100
		Core IV	Practical - Programming in Java : 18UBITC04P Lab	18UBITC04P	4	5	50	50	100
		Allied II	Operation Research	18UMATA12	5	6	50	50	100
	IV	1. NME/ Basic /Advance Tamil	Practical - Html Lab/ Basic/Advance Tamil	16UNME02K P	2	2	50	50	100
		2. Soft Skill II	Essentials of Spoken and Presentation Skills Level-I	17UGSLS02	3	2	50	50	100
	CREDIT TOTAL = 24								
III	III	Core V	Design and Analysis of Algorithm	18UBITC05	4	5	50	50	100
		Core VI	Data Analysis using Spread Sheet	18UBITC06	4	6	50	50	100
		Core VII	Practical - Data Analysis using Spread Sheet Lab	18UBITC07P	4	5	50	50	100
		Core VIII	Operating Systems	18UBITC08	4	6	50	50	100
		Allied III	Statistics – I	18UMATA14	5	6	50	50	100
	IV	Soft Skill III	Personality Enrichment	16UGSLS03	3	2		100	100
	CREDIT TOTAL = 24								

Sem	Part	Course Component	Subject Name	Subject Code	Credits	Hours	Internal	External	Total
IV	III	Core IX	Python Programming	18UBITC09	4	6	50	50	100
		Core X	Data Base Management Systems	18UBITC10	4	8	50	50	100
		Core XI	Practical -- Python Programming Lab	18UBITC11P	4	6	50	50	100
		Allied IV	Statistics – II	18UMATA21	5	6	50	50	100
	IV	Soft Skill IV	Word Press Lab	18UGSLS05	3	2		100	100
		EVS	Environmental Studies	16UEVS401	2	2		100	100
	CREDIT TOTAL = 22								
V	III	Core XII	Big Data Analytics	18UBITC12	4	6	50	50	100
		Core XIII	Data Science using R	18UBITC13	4	6	50	50	100
		Core XIV	Practical – R Programming Lab	18UBITC14P	4	6	50	50	100
		Elective – I	Information Security / Software Project Management /Network Security & Cryptography	18UBITE01	5	6	50	50	100
		Elective – II	Marketing Analytics/ Decision Management Systems/ E-Commerce	18UBITE02	5	5	50	50	100
	IV	Value Education	Value Education	16UVED401	2	1		100	100
	CREDIT TOTAL = 24								
VI	III	Core XV	NoSQLMONGODB	18UBITC15	4	6	50	50	100
		Core XVI	Software Engineering	18UBITC16	4	6	50	50	100
		Core XVII	UI Programming	18UBITC17	4	6	50	50	100
		Core XVIII	Practical –UI Programming Lab	18UBITC18P	4	6	50	50	100
		Elective - III	Cloud Computing / Mobile Computing / Parallel Computing	18UBITE03	5	6	50	50	100
	V	Extension Activity			1		-	-	-
	CREDIT TOTAL = 22								
	OVERALL CREDIT TOTAL = 140								

Master of Defence & Strategic Studies

COURSE STRUCTURE 2019-21 Batch

Semester	Part	Course Component	Subject Code	Subject Name	Credits	Hours	Internal	External	Total
Semester - I	I	Core - I	19PDEF301	Indian Art of Warfare up to 1857	4	6	50	50	100
	II	Core - II	19PDEF302	World Military History up to WWII	4	6	50	50	100
	III	Core - III	19PDEF303	International Relations	4	6	50	50	100
	III	Core - IV	19PDEF304	India's National Security and Strategic Spectrum	4	6	50	50	100
	III	Elective - I	19PDEF305	Conflict and Cooperation in South Asia	4	6	50	50	100
	IV	Soft Skills - I	19PGSL401	Soft Skills	2	-	50	50	100
Total Credits -22, Total Hours/ week- 30									
Semester - II	I	Core - V	19PDEF306	Theoretical Aspects of International Relations	4	6	50	50	100
	II	Core - VI	19PDEF307	International Law	4	6	50	50	100
	III	Core - VII	19PDEF308	Arms Control and Disarmament	4	6	50	50	100
	III	Core - VIII	19PDEF309	Strategic Thought	4	6	50	50	100
	III	Elective - II	19PDEF310	Geo Politics and Military Geography	4	6	50	50	100
	IV	Soft Skills - II	19PGSL402	Soft Skills	2	-	50	50	100
Total Credits -22, Total Hours/ week-30									
Semester - III	I	Core - IX	19PDEF311	Area Studies - India and SAARC	4	6	50	50	100
	II	Core - X	19PDEF312	Peace and Conflict Studies	4	6	50	50	100
	III	Core - XI	19PDEF313	Defence Economics and Defence Management	4	6	50	50	100
	III	Core - XII	19PDEF314	Science, Technology and National Security	4	6	50	50	100
	III	Elective - III	19PDEF315	Defence Journalism	3	6	50	50	100
	IV	Internship	19PINT401	Visit to Defence Establishments/ NGO's/ Library	2	-	50	50	100
		Soft Skills - III	19PGSL403	Soft Skills	2	-	50	50	100
Total Credits -23, Total Hours/ week-30									
Semester - IV	I	Core - XIII	19PDEF316	Wars in Contemporary Period	4	6	50	50	100
	II	Core - XIV	19PDEF317	Post Independent Wars of India	4	6	50	50	100
	III	Core - XV	19PDEF318	Introduction to Industrial Security	4	6	50	50	100
	III	Core - XVI	19PDEF319	Specialized Warfare	4	6	50	50	100
	III	Core -XVII	19PDEF320	Research Methodology and Dissertation	6	6	50	50	100
	IV	Soft Skills - IV	19PGSL404	Soft Skills	2	-	50	50	100
Total Credits -24, Total Hours/ week-30									
Grand Total Credits -91, Total Hours/ week-120									

Note: A Compulsory internship programme is scheduled for the P.G Students of Defence and Strategic Studies in Third Semester. The students shall commence their internship programme at the end of Second Semester. The report of the internship carried out by the students shall be submitted within 30days after its completion. This internship report would be evaluated by a committee of faculties of the parent department