

THIRUVALLUVAR UNIVERSITY
BACHELOR OF ARTS
DEGREE COURSE
B . A . TAMIL
CBCS PATTERN

(With effect from 2017 – 2018)

The Course of Study and the Scheme of Examination

S. No.	Part	Study Components		Ins. Hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni.Exam	Total
SEMESTER I									
1	I	Language	Paper-1	6	4	தமிழ்/பிறமொழிகள்	25	75	100
2	II	English	Paper-1	6	4	ஆங்கிலம்	25	75	100
3	III	Core Theory	Paper-1	5	3	இக்கால இலக்கியம் (கவிதை, உரைநடை, நாடகம், புதினம், சிறுகதை)	25	75	100
4	III	Core Theory	Paper-2	4	3	இலக்கணம் - 1 நன்னூல் (எழுத்த்திகாரம்)	25	75	100
5	III	ALLIED – 1	Paper-1	7	4	தமிழக வரலாறும் பண்பாடும்	25	75	100
6	IV	Environment Studies		2	2	சுற்றுச் சூழல் பிரிவுகள்	25	75	100
TOTAL				30	20		150	450	600
SEMESTER II									
7	I	Language	Paper-2	6	4	தமிழ்/பிறமொழிகள்	25	75	100
8	II	English	Paper-2	4	4	ஆங்கிலம்	25	75	100
9	III	Core Theory	Paper-3	5	3	இக்கால இலக்கியம் (கவிதை, உரைநடை, நாடகம், புதினம், சிறுகதை)	25	75	100
10	III	Core Theory	Paper-4	4	3	இலக்கணம் - 2 நன்னூல் (சொல்லதிகாரம்)	25	75	100
11	III	ALLIED – 1	Paper-2	7	6	தமிழக வரலாறும் பண்பாடும்	25	75	100
12	IV	Value Education		2	2	மதிப்புக் கல்வி	25	75	100
13	IV	Soft Skill		2	1	Soft Skill	25	75	100
TOTAL				30	23		175	525	700

S. No.	Part	Study Components		Ins. Hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER III									
14	I	Language	Paper-3	6	4	தமிழ்/பிறமொழிகள்	25	75	100
15	II	English	Paper-3	6	4	ஆங்கிலம்	25	75	100
16	III	Core Theory	Paper-5	3	3	இலக்கியம் 3 சமயப்பாடல்களும் சிற்றிலக்கியங்களும்	25	75	100
17	III	Core Theory	Paper-6	3	3	இலக்கணம் - 3யாப்பருங்கலக்காரிகை	25	75	100
18	III	ALLIED – 2	Paper-3	7	4	தமிழ் இலக்கிய வரலாறு - 1	25	75	100
19	IV	Skill based Subject	Paper-1	3	3	பயன்பாட்டுத் தமிழ்	25	75	100
20	IV	Non-major elective	Paper-1	2	2	தமிழ்மொழி – அடிப்படை இலக்கணம்	25	75	100
TOTAL				30	23		175	525	700
SEMESTER IV									
21	I	Language	Paper-4	6	4	தமிழ்/பிறமொழிகள்	25	75	100
22	II	English	Paper-4	6	4	ஆங்கிலம்	25	75	100
23	III	Core Theory	Paper-7	3	3	இலக்கியம் 4 காப்பியங்கள்	25	75	100
24	III	Core Theory	Paper-8	3	3	இலக்கணம் - 4தண்டியலங்காரம் (பொருளணியியல் மட்டும்)	25	75	100
25	III	ALLIED – 2	Paper-4	7	6	தமிழ் இலக்கிய வரலாறு - 2	25	75	100
26	IV	Skill based Subject	Paper-2	3	3	படைப்பிலக்கியமும் மொழிபெயர்ப்பும்	25	75	100
27	IV	Non-major elective	Paper-2	2	2	இணையம்	25	75	100
TOTAL				30	25		175	525	700
SEMESTER V									
28	III	Core Theory	Paper-9	5	5	சங்க இலக்கியம் (அகம்)	25	75	100
29	III	Core Theory	Paper-10	6	5	இலக்கணம் 5 (அகம்)	25	75	100
30	III	Core Theory	Paper-11	6	4	தமிழ்மொழி வரலாறு	25	75	100
31	III	Core Theory	Paper-12	6	4	இலக்கியத் திறனாய்வு	25	75	100
32	III	Elective	Paper-1	4	3	(கீழ்க்கண்ட மூன்றில் ஏதேனும் ஒன்றைத் தெரிவுசெய்துகொள்ளலாம்) அ. தகவல் தொழில்நுட்பம் ஆ. நாட்டுப்புறவியல் இ. விளம்பரக்கலை	25	75	100
33	IV	Skill based Subject	Paper-3	3	3	கல்வெட்டியல்	25	75	100
TOTAL				30	24		150	450	600

S. No.	Part	Study Components		Ins. Hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER VI									
34	III	Core Theory	Paper-13	5	5	சங்க இலக்கியம் (புறம்)	25	75	100
35	III	Core Theory	Paper-14	6	5	இலக்கணம் 6 (புறம்)	25	75	100
36	III	Core Theory	Paper-15	6	5	திராவிட மொழிகளின் ஒப்பிலக்கணம்	25	75	100
37	III	Elective	Paper-2	5	3	(கீழ்க்கண்ட மூன்றில் ஏதேனும் ஒன்றைத் தெரிவுசெய்துகொள்ளலாம்) அ. இதழியல் ஆ. புத்தக பதிப்பியல் இ. தமிழ் உரைநடை வரலாறு	25	75	100
38	III	Elective	Paper-3	5	3	(கீழ்க்கண்ட மூன்றில் ஏதேனும் ஒன்றைத் தெரிவுசெய்துகொள்ளலாம்) அ. தமிழர் அழகுக் கலைகள் ஆ. பெண்ணியம் இ. சுற்றுலாவியல்	25	75	100
39	IV	Skill based Subject	Paper-4	3	3	தகவல் தொடர்பியல்	25	75	100
40	V	Extension Activities		-	1	விரிவாக்கச் செயல்பாடுகள்	100	-	100
TOTAL				30	23		250	450	700

Part	Subject	Papers	Credit	Total Credits	Marks	Total Marks
Part I	Languages	4	4	16	100	400
Part II	English	4	4	16	100	400
Part III	Allied (Odd Semester)	2	4	8	100	200
	Allied (Even Semester)	2	6	12	100	200
	Electives	3	3	9	100	300
	Core	15	(3-7)	57	100	1500
Part IV	Environmental Science	1	2	2	100	100
	Soft skill	1	1	1	100	100
	Value Education	1	2	2	100	100
	Lang. & Others /NME	2	2	4	100	200
	Skill Based	4	3	12	100	400
Part V	Extension	1	1	1	100	100
Total		40		140		4000

THIRUVALLUVAR UNIVERSITY
BACHELOR OF ARTS
DEGREE COURSE
B.A. TAMIL
CBCS PATTERN

(With effect from 2020 – 2021)

The Course of Study and the Scheme of Examinations

S. No.	Part	Study Components		Ins. Hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni.Exam	Total
SEMESTER I									
1.	I	Language	Paper-1	6	4	jkpo;/gpwnkhopfs;	25	75	100
2.	II	English (CE)	Paper-1	6	4	Communicative English I	25	75	100
3.	III	Core Theory	Paper-1	5	3	,f;fhy ,yf;fpak; (ftpij> ciueil> ehlfk;> Gjpdk;> rpWfij)	25	75	100
4.	III	Core Theory	Paper-2	5	3	,yf;fzk; - 1 ed;D}y; (vOj;jjpfhuk;)	25	75	100
5.	III	ALLIED – 1	Paper-1	6	3	jkpof tuyhWk; gz;ghLk;	25	75	100
6.	III	PE	Paper-1	6	3	Professional English I	25	75	100
7.	IV	Environment Studies		2	2	Rw;Wr; #oy; gphpTfs;	25	75	100
Sem. Total				36	22		175	525	700
SEMESTER II									
8.	I	Language	Paper-2	6	4	jkpo;/gpwnkhopfs;	25	75	100
9.	II	English (CE)	Paper-2	6	4	Communicative English II	25	75	100
10.	III	Core Theory	Paper-3	4	3	,f;fhy ,yf;fpak; (ftpij> ciueil> ehlfk;> Gjpdk;> rpWfij)	25	75	100
11.	III	Core Theory	Paper-4	4	3	,yf;fzk; - 2 ed;D}y; (nrhy;yjpfhuk;)	25	75	100
12.	III	ALLIED – 1	Paper-2	6	5	jkpof tuyhWk; gz;ghLk;	25	75	100
13.	III	PE	Paper-1	6	3	Professional English II	25	75	100
14.	IV	Value Education		2	2	kjpg;Gf; fy;tp	25	75	100
15.	IV	Soft Skill		2	1	Soft Skill	25	75	100
Sem. Total				36	25		200	600	800

THIRUVALLUVAR UNIVERSITY

BACHELOR OF ARTS

B.A. ENGLISH

DEGREE COURSE

CBCS PATTERN

(With effect from 2020 - 2021)

The Course of Study and the Scheme of Examinations

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER I									
1.	I	Language	Paper-1	6	4	Tamil/Other Languages	25	75	100
2.	II	English (CE)	Paper-1	6	4	Communicative English I	25	75	100
3.	III	Core Theory	Paper-1	5	3	Indian writing in English	25	75	100
4.	III	Core Theory	Paper-2	5	3	Advanced English Grammar	25	75	100
5.	III	ALLIED -1	Paper-1	6	3	Literary forms and glossary of terms	25	75	100
6.	III	PE	Paper-1	6	3	Professional English I	25	75	100
7.	IV	Environmental Studies		2	2	Environmental Studies	25	75	100
Sem. Total				36	22		175	525	700
SEMESTER II									
							CIA	Uni. Exam	Total
8.	I	Language	Paper-2	6	4	Tamil/Other Languages	25	75	100
9.	II	English (CE)	Paper-2	4	4	Communicative English I	25	75	100
10.	III	Core Theory	Paper-3	5	3	British Literature I	25	75	100
11.	III	Core Theory	Paper-4	5	3	American literature (classical and modern literature)	25	75	100
12.	III	ALLIED-1	Paper-2	6	5	Social History of England	25	75	100
13.	III	PE	Paper-2	6	3	Professional English II	25	75	100
14.	IV	Value Education		2	2	Value Education	25	75	100
15.	IV	Soft Skill		2	1	Soft Skill	25	75	100
Sem. Total				36	25		200	600	800

THIRUVALLUVAR UNIVERSITY
BACHELOR OF ARTS
B.A. ENGLISH
DEGREE COURSE
CBCS PATTERN
(With effect from 2017-2018)

Sl.No.	Part	Study Components		Ins.hrs/ Week	Credit	Title of the paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER-I									
1.	I	Language	Paper-1	6	4	Tamil /other Languages	25	75	100
2.	II	English	Paper-1	6	4	English	25	75	100
3.	III	Core Theory	Paper-1	5	4	Indian Writing in English	25	75	100
4.	IV	Core Theory	Paper-2	5	4	Advanced English Grammar	25	75	100
5.	V	Allied - 1	Paper-1	6	4	Literary Forms and Terms	25	75	100
6.	VI	Environ mental Studies		2	2	Environmental Studies	25	75	100
				30	22		150	450	600

Sl.No.	Part	Study Components		Ins.hrs/ Week	Credit	Title of the paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER-II									
7.	I	Language	Paper-2	6	4	Tamil /other Languages	25	75	100
8.	II	English	Paper-2	4	4	English	25	75	100
9.	III	Core Theory	Paper-3	5	4	British Literature-I	25	75	100
10.	III	Core Theory	Paper-4	5	4	American Literature -I	25	75	100
11.	IV	Allied-1	Paper-2	6	4	The Social History of England	25	75	100
12.	IV	Value Education		2	2	Value Education	25	75	100
13.	IV	Soft skill		2	1	Soft Skill	25	75	100
				30	23		175	525	700

Sl.No.	Part	Study Components		Ins.hrs/ Week	Credit	Title of the paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER-III									
14.	I	Language	Paper-3	6	4	Tamil /other Languages	25	75	100
15.	II	English	Paper-3	6	4	English	25	75	100
16.	III	Core Theory	Paper-5	5	4	British Literature-II	25	75	100
17.	IV	Core Theory	Paper-6	5	4	American Literature-II	25	75	100
18.	V	Allied-2	Paper-3	5	4	History of English Literature -I	25	75	100
19.	VI	Skill based subject	Paper-1	3	3	Skill for Employment - I	25	75	100
20.	IV	Non- Major Elective	Paper-1	2	2	Language skills and Communication I	25	75	100
				30	25		175	525	700

Sl.No.	Part	Study Components		Ins.hrs/ Week	Credit	Title of the paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER-IV									
21.	I	Language	Paper-4	6	4	Tamil /other Languages	25	75	100
22.	II	English	Paper-4	6	4	English	25	75	100
23.	III	Core Theory	Paper-7	5	4	British Literature- III	25	75	100
24.	III	Core Theory	Paper-8	5	4	History of English Language	25	75	100
25.	III	Allied-2	Paper-4	5	4	History of English Literature-II	25	75	100
26.	IV	Skill based Subject	Paper-2	3	3	Skill for Employment-II	25	75	100
27.	IV	Non-Major Elective	Paper-2	2	2	Language skills and communication II	25	75	100
				30	25		175	525	700

Sl.No.	Part	Study Components		Ins.hrs/ Week	Credit	Title of the paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER-V									
28.	III	Core Theory	Paper-9	5	4	British Literature - IV	25	75	100
29.	III	Core Theory	Paper-10	5	4	Language and Linguistics	25	75	100
30.	III	Core Theory	Paper-11	5	4	Introduction to Literary Criticism	25	75	100
31.	III	Core Theory	Paper-12	6	4	Indian literature in Translation	25	75	100
32.	III	Elective	Paper-1	4	3	Journalism and Mass communication (or) Techniques of Translation	25	75	100
33.	IV	Skill based subject	Paper-3	3	3	Conversational English	25	75	100
				30	22		150	450	600

Sl.No.	Part	Study Components		Ins.hrs/ Week	Credit	Title of the paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER-VI									
34.	III	Core Theory	Paper-13	6	5	Shakespeare	25	75	100
35.	III	Core Theory	Paper-14	6	4	British Literature-V	25	75	100
36.	III	Core Theory	Paper-15	6	4	New Literatures in English	25	75	100
37.	III	Elective	Paper-2	4	3	Technology Mediated English (or) Business English	25	75	100
38.	V	Elective	Paper-3	4	3	Copy –editing and proof Reading (or) Effective Communication	25	75	100
39.	VI	Skill based subject	Paper-4	4	3	English Language Teaching	25	75	100
40.	V	Extension Activities			1		100		100
				30	23		250	450	700

Part	Subject	Papers	Credit	Total credits	Marks	Total Marks
Part I	Languages	4	4	16	100	400
Part II	English	4	4	16	100	400
Part III	Allied (Odd Semester)	2	4	8	100	200
	Allied (Even Semester)	2	4	8	100	200
	Electives	3	3	9	100	300
	Core	15	(3-5)	61	100	1500
Part IV	Environmental Science	1		2	100	100
	Soft skill	1	1	1	100	100
	Value Education	1	2	2	100	100
	Lang.&others/NME	2	2	4	100	200
	Skill Based	4	3	12	100	400
Part V	Extension Activity	1	1	1	100	100
	Total	40		140		4000

THIRUVALUVAR UNIVERSITY
BACHELOR OF SCIENCE
B.Sc. MATHEMATICS DEGREE COURSE

(With effect from 2020 - 2021)

The Course of Study and the Scheme of Examinations

S. No.	Part	Study Components		Ins. Hrs / week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER I									
1.	I	Language	Paper-1	6	4	Tamil/Other Languages	25	75	100
2.	II	English (CE)	Paper-1	6	4	Communicative English I	25	75	100
3.	III	Core Theory	Paper-1	5	3	Algebra	25	75	100
4.	III	Core Theory	Paper-2	5	3	Trigonometry	25	75	100
5.	III	Allied -1	Paper-1	4	3	(to choose any 1 out of 4) (For Practical Allied subjects)	25	75	100
	III	Allied- 1	Practical-1	2	0		0	0	0
6.	III	PE	Paper 1	6	3	Professional English I	25	75	100
7.	IV	Environmental Studies		2	2	Environmental studies	25	75	100
		Sem. Total		36	22		175	525	700
SEMESTER II									
8.	I	Language	Paper-2	6	4	Tamil/Other Languages	25	75	100
9.	II	English (CE)	Paper-2	6	4	Communicative English II	25	75	100
10.	III	Core Theory	Paper-3	4	3	Calculus	25	75	100
11.	III	Core Theory	Paper-4	4	3	Analytical Geometry of three dimensions	25	75	100
12.	III	Allied-1	Paper-2	4	3	(to choose any 1 out of 4) (For Practical Allied subjects)	25	75	100
13.	III	Allied Practical - 1	Practical-1	2	2	(to choose any 1 out of 4) (For Practical Allied subjects)	25	75	100
14.	III	PE	Paper 1	6	3	Professional English II	25	75	100
15.	IV	Value Education		2	2		25	75	100
16.	IV	Soft Skill		2	1		25	75	100
		Sem. Total		36	25		225	675	900
SEMESTER III									
17.	I	Language	Paper-3	6	4	Tamil / Other Languages	25	75	100
18.	II	English	Paper-3	6	4	English	25	75	100
19.	III	Core Theory	Paper-5	6	5	Differential Equations	25	75	100
20.	III	Allied-2	Paper-3	4	3	(to choose any 1 out of 4) (For Practical Allied subjects)	25	75	100
	III	Allied Practical - 2	Practical-2	3	0		0	0	0
21.	IV	Skill Based Subject	Paper-1	3	2	Mathematics for competitive Examinations - I	25	75	100
22.	IV	Non-Major Elective	Paper-1	2	2	Basic Mathematics	25	75	100
		Sem. Total		30	20		150	450	600
23.	I	Language	Paper-4	6	4	Tamil/Other Languages	25	75	100

**THIRUVALLUVAR UNIVERSITY
B.Sc. MATHEMATICS
SYLLABUS
CBCS PATTERN**

(For the candidates admitted from 2017 - 2018)

S.No.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER I									
1	I	Language	Paper-1	6	4	Tamil/Other Languages	25	75	100
2	II	English	Paper-1	6	4	English	25	75	100
3	III	Core Theory	Paper - 1	5	3	Algebra	25	75	100
4	III	Core Theory	Paper -2	4	3	Trigonometry	25	75	100
5	III	ALLIED -1 (Theory)	Paper-1	7	4	(to choose any 1 out of 4) (For Practical Allied subjects)	25	75	100
6	IV	Environ. Studies		2	2	Environmental Studies	25	75	100
				30	20		150	450	600
SEMESTER II									
7	I	Language	Paper-2	6	4	Tamil/Other Languages	25	75	100
8	II	English	Paper-2	4	4	English	25	75	100
9	III	Core Theory	Paper-3	5	3	Calculus	25	75	100
10	III	Core Theory	Paper-4	4	3	Analytical Geometry of three dimensions	25	75	100
11	III	Allied 2 Theory	Paper-2	4	4	(to choose any 1 out of 4) (For Practical Allied subjects)	25	75	100
12	III	Allied 1 Practical	Practical 1	3	2	(to choose any 1 out of 4) (For Practical Allied subjects)	25	75	100
13	IV	Value Education		2	2	Value Education	25	75	100
14	IV	Soft Skill		2	1	Soft Skill	25	75	100

S.No.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
				30	23		200	600	800
SEMESTER III							CIA	Uni. Exam	Total
15	I	Language	Paper-3	6	4	Tamil / Other Languages	25	75	100
16	II	English	Paper-3	6	4	English	25	75	100
17	III	Core Theory	Paper-5	6	4	Differential Equations	25	75	100
18	III	Allied – 2 Theory	Paper – 3	7	4	(to choose any 1 out of 4) (For Practical Allied subjects)	25	75	100
19	IV	Skill Based Subject	Paper – 1	3	3	Linear Programming	25	75	100
20	IV	Non-major Elective	Paper – 1	2	2	Basic Mathematics	25	75	100
				30	21		150	450	600
SEMESTER IV							CIA	Uni. Exam	Total
21	I	Language	Paper-4	6	4	Tamil/Other Languages	25	75	100
22	II	English	Paper-4	6	4	English	25	75	100
23	III	Core Theory	Paper-6	6	4	Vector Analysis and Fourier analysis	25	75	100
24	III	Allied – 2 Theory	Paper – 4	4	4	(to choose any 1 out of 4) (For Practical Allied subjects)	25	75	100
25	III	Allied – 2 Practical	Practical – 2	3	2	(to choose any 1 out of 4) (For Practical Allied subjects)	25	75	100
26	IV	Skill Based Subject	Paper -2	3	3	Mathematics for competitive Examinations – I	25	75	100
27	IV	Non-Major	Paper-2	2	2	Foundation Mathematics	25	75	100

S.No.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title							
		Elective				for Competitive Examinations - I			
				30	3		175	525	700
SEMESTER V							CIA	Uni. Exam	Total
28	III	Core Theory	Paper-7	5	4	Abstract Algebra	25	75	100
29	III	Core Theory	Paper-8	5	4	Real Analysis - I	25	75	100
30	III	Core Theory	Paper – 9	5	4	Complex Analysis - I	25	75	100
31	III	Core Theory	Paper – 10	5	4	Statics	25	75	100
32	III	Core Theory	Paper – 11	4	4	Dynamics	25	75	100
33	III	Elective	Paper-1	3	3	(to choose any 1 out of 2) 1. Graph Theory 2. Astronomy	25	75	100
34	IV	Skill Based Subject	Paper-3	3	3	Mathematics for Competitive Examinations – II	25	75	100
				30	26		175	525	700
SEMESTER VI							CIA	Uni. Exam	Total
35	III	Core Theory	Paper -12	5	4	Linear Algebra	25	75	100
36	III	Core Theory	Paper -13	5	4	Real Analysis II	25	75	100
37	III	Core Theory	Paper -14	5	4	Complex Analysis II	25	75	100
38	III	Core Theory	Paper -15	3	3	Programming in C Language	25	75	100
39	III	Core Practical	Practical - 1	3	3	Practical in C Language	25	75	100
40	III	Elective	Paper-2	3	3	(to choose any 1 out of 2) 1. Operations	25	75	100

THIRUVALLUVAR UNIVERSITY

BACHELOR OF SCIENCE

B.Sc. PHYSICS

DEGREE COURSE

CBCS PATTERN

(With effect from 2017 – 2018)

The Course of Study and the Scheme of Examinations

S. NO.	Part	Study Components		Ins. Hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER I									
1	I	Language	Paper-1	6	4	Tamil/Other Languages	25	75	100
2	II	English	Paper-1	6	4	English	25	75	100
3	III	Core Theory	Paper-1	6	6	Properties of Matter and Acoustics	25	75	100
	III	Core Practical	Practical-1	3	0		0	0	0
4	III	Allied-1	Paper-1	4	4	Chemistry I or Biochemistry I	25	75	100
	IV	Allied Practical	Practical-1	3	0		0	0	0
5	IV	Environmental Studies		2	2	Environmental Studies	25	75	100
				30	20		125	375	500
SEMESTER II									
8	I	Language	Paper-2	6	4	Tamil/Other Languages	25	75	100
9	II	English	Paper-2	4	4	English	25	75	100
10	III	Core Theory	Paper-2	6	5	Thermal Physics and Statistical Methods	25	75	100
11	III	Core Practical	Practical-1	3	3	Any 16 Experiments given in syllabus	25	75	100
12	III	Allied-1	Paper-2	4	4	Chemistry II or Biochemistry II	25	75	100
13	IV	Allied Practical	Practical-1	3	2		25	75	100
14	IV	Value Education		2	2	Value Education	25	75	100
15	IV	Soft Skill		2	1	Soft Skills	25	75	100
				30	25		200	600	800

B.Sc. Physics: Syllabus (CBCS)

S. NO.	Part	Study Components		Ins. Hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER III									
16	I	Language	Paper-3	6	4	Tamil / Other Languages	25	75	100
17	II	English	Paper-3	6	4	English	25	75	100
18	III	Core Theory	Paper-3	3	3	Electricity and magnetism	25	75	100
19	III	Core Practical	Practical-2	3	0		0	0	0
20	III	Allied-2	Paper-3	7	4	Mathematics I	25	75	100
22	IV	Skill Based Subject	Paper-1	3	3	Electrical Appliances	25	75	100
23	IV	Non-Major Elective	Paper-1	2	2	Renewable Energy Sources	25	75	100
				30	20		150	450	600
SEMESTER IV									
24	I	Language	Paper-4	6	4	Tamil/Other Languages	25	75	100
25	II	English	Paper-4	6	4	English	25	75	100
26	III	Core Theory	Paper-4	3	3	Mechanics	25	75	100
27	III	Core Practical	Practical-2	3	3	Any 16 Experiments given in syllabus	25	75	100
28	III	Allied-2	Paper-4	7	6	Mathematics II	25	75	100
30	IV	Skill Based Subject	Paper-2	3	3	Electronics Appliances	25	75	100
31	IV	Non-Major Elective	Paper-2	2	2	Basic Physics	25	75	100
				30	25		175	525	700
SEMESTER V									
32	III	Core Theory	Paper-5	6	6	Optics	25	75	100
33	III	Core Theory	Paper-6	6	5	Atomic Physics and Spectroscopy	25	75	100
34	III	Core Theory	Paper-7	6	5	Basic Electronics	25	75	100
35	III	Core Practical	Practical-3	3	0	General	0	0	0
36	III	Core Practical	Practical-4	3	0	Electronics	0	0	0
38	III	Elective I	Paper-1	3	3	Group (A) or (B) or (C)	25	75	100
39	IV	Skill Based Subject III	Paper - 3	3	3	Astro Physics	25	75	100
				30	22		125	375	500
SEMESTER VI									
34	III	Core Theory	Paper-8	5	4	Nuclear Physics and Radiation Physics	25	75	100

B.Sc. Physics: Syllabus (CBCS)

S. NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title							
	III	Core Theory	Paper-9	5	4	Relativity, Quantum Mechanics and Mathematical Physics	25	75	100
35	III	Core Theory	Paper-10	5	4	Solid State Physics	25	75	100
36	III	Core Practical	Practical-3	6	3	Any 20 Experiments given in syllabus	25	75	100
37	III	Core Practical	Practical-4		3	Electronics	25	75	100
40	III	Elective	Paper-2	3	3	Group (A) or (B) or (C)	25	75	100
	III	Elective	Paper-3	3	3	Group (A) or (B) or (C)	25	75	100
	IV	Skill based Subject	Paper-4	3	3	Instrumentation Techniques	25	75	100
	V	Extension Activities		-	1		100	-	100
		TOTAL		30	28		300	600	900

Part	Subject	Papers	Credit	Total credits	Marks	Total Marks
Part I	Languages	4	4	16	100	400
Part II	English	4	4	16	100	400
Part III	Allied (Odd Semester)	2	4	8	100	200
	Allied (Even Semester)	2	4	10	100	200
	Allied Practical	1	2	2	100	100
	Electives	3	3	9	100	300
	Core Theory	10	(3-7)	45	100	1000
	Core Practical	4	3	12	100	400
Part IV	Environmental Science	1	2	2	100	100
	Soft skill	1	1	1	100	100
	Value Education	1	2	2	100	100
	Lang. & Others/NME	2	2	4	100	200
	Skill Based	4	3	12	100	400
Part V	Extension	1	1	1	100	100
	Total	40		140		4000

THIRUVALLUVAR UNIVERSITY
BACHELOR OF SCIENCE
B.Sc. CHEMISTRY DEGREE COURSE
(With effect from 2020 - 2021)

The Course of Study and the Scheme of Examinations

S. No.	Part	Study Components		Ins. Hrs / week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER I									
1.	I	Language	Paper-1	6	4	Tamil/Other Languages	25	75	100
2.	II	English (CE)	Paper-1	6	4	Communicative English I	25	75	100
3.	III	Core Theory	Paper-1	6	4	General Chemistry - I	25	75	100
	III	Core Practical	Practical-1	3	0	Volumetric Analysis	0	0	0
4.	III	Allied -1	Paper-1	4	3	(Choose any 1 out of 5) 1. Physics I 2. Botany I 3. Zoology I 4. Biochemistry I 5. Mathematics I*	25	75	100
	III	Allied- 1	Practical-1	3	0		0	0	0
5.	III	PE	Paper 1	6	3	Professional English I	25	75	100
6.	IV	Environmental Studies		2	2	Environmental studies	25	75	100
		Sem. Total		36	20		150	450	600
SEMESTER II									
7.	I	Language	Paper-2	6	4	Tamil/Other Languages	25	75	100
8.	II	English (CE)	Paper-2	6	4	Communicative English II	25	75	100
9.	III	Core Theory	Paper-2	5	4	General Chemistry - II	25	75	100
10.	III	Core Practical	Practical-1	3	2	Volumetric Analysis	25	75	100
11.	III	Allied-1	Paper-2	4	3	(Choose any 1 out of 5) 1. Physics II 2. Botany II 3. Zoology II 4. Biochemistry II 5. Mathematics II*	25	75	100
12.	III	Allied Practical - 1	Practical-1	2	2		25	75	100
13.	III	PE	Paper 1	6	3	Professional English II	25	75	100
14.	IV	Value Education		2	2		25	75	100
15.	IV	Soft Skill		2	1		25	75	100
		Sem. Total		36	25		225	675	900

THIRUVALLUVAR UNIVERSITY

B.Sc., CHEMISTRY DEGREE COURSE

CBCS PATTERN

(With effect from 2017 - 2018)

The Course of Study and the Scheme of Examinations

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER I									
1	I	Language	Paper-1	6	4	Tamil/Other Languages	25	75	100
2	II	English	Paper-1	6	4	English	25	75	100
3	III	Core Theory	Paper-1	6	6	General Chemistry - I	25	75	100
	III	Core Practical	Practical-1	3	0	Volumetric Analysis	0	0	0
4	III	Allied -1	Paper-1	4	4	Any one from 1. Physics –I 2. Botany –I 3. Zoology –I 4. Biochemistry – I 5. Mathematics – I*	25	75	100
	III	Allied Practical	Practical-1	3	0	Allied practical-1	0	0	0
5	IV	Environmental Studies		2	2	Environmental studies	25	75	100
				30	20		125	375	500
SEMESTER II									
6	I	Language	Paper-2	6	4	Tamil/Other Languages	25	75	100
7	II	English	Paper-2	4	4	English	25	75	100
8	III	Core Theory	Paper-2	6	5	General Chemistry - II	25	75	100
9	III	Core Practical	Practical-1	3	3	Volumetric Analysis	25	75	100
10	III	Allied-1	Paper-2	4	4	Any one from 1. Physics –II 2. Botany –II 3. Zoology –II 4. Biochemistry – II 5. Mathematics – II*	25	75	100
11	III	Allied Practical	Practical-1	3	2	Allied practical-1	25	75	100

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title							
12	IV	Value Education		2	2	Value Education	25	75	100
13	IV	Soft Skill		2	1	Soft Skill	25	75	100
				30	25		150	650	800
SEMESTER III							CIA	Uni. Exam	Total
14	I	Language	Paper-3	6	4	Tamil / Other Languages	25	75	100
15	II	English	Paper-3	6	4	English	25	75	100
16	III	Core Theory	Paper-3	3	3	General Chemistry – III	25	75	100
	III	Core Practical	Practical-2	3	0	Inorganic Qualitative Analysis & Preparations	0	0	0
17	III	ALLIED-2	Paper-3	4	4	Any one from 1. Physics –I 2. Botany –I 3. Zoology –I 4. Biochemistry – I 5. Mathematics – I*	25	75	100
	III	Allied Practical	Practical-2	3	0	Allied practical-II	0	0	0
18	IV	Skill Based Subject	Paper-1	3	3	Water Treatment and Analysis	25	75	100
19	IV	Non-Major Elective	Paper-1	2	2	Medicinal Chemistry	25	75	100
				30	20		150	450	600
SEMESTER IV							CIA	Uni. Exam	Total
20	I	Language	Paper-4	6	4	Tamil/Other Languages	25	75	100
21	II	English	Paper-4	6	4	English	25	75	100
22	III	Core Theory	Paper-4	3	3	General Chemistry - IV	25	75	100
23	III	Core Practical	Practical-2	3	3	Inorganic Qualitative Analysis & Preparations	25	75	100
24	III	Allied-2	Paper-4	4	4	Any one from 1. Physics –II 2. Botany –II 3. Zoology –II 4. Biochemistry – II 5. Mathematics – II*	25	75	100
25	III	Allied Practical	Practical-2	3	2	Allied practical-II	25	75	100
26	IV	Skill Based Subject	Paper-2	3	3	Food Chemistry	25	75	100
27	IV	Non-Major Elective	Paper-2	2	2	Chemistry in Every Day Life	25	75	100
				30	25		200	600	800

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER V									
28	III	Core Theory	Paper-5	4	4	Inorganic Chemistry - I	25	75	100
	III	Core Practical	Practical-3	3	0	Gravimetric Estimation	0	0	0
29	III	Core Theory	Paper-6	4	4	Organic Chemistry – I	25	75	100
	III	Core Practical	Practical-4	3	0	Organic Analysis and Preparations	0	0	0
30	III	Core Theory	Paper-7	4	4	Physical Chemistry – I	25	75	100
	III	Core Practical	Practical-5	3	0	Physical Chemistry	0	0	0
31	III	Elective	Paper-1	3	3	Any one from A. Analytical chemistry – I B. Basis of computer programming in C and its applications in Chemistry C. Organic Synthesis	25	75	100
32	III	Elective	Paper - 2	3	3	Any one from A. Pharmaceutical Chemistry B. Polymer Chemistry C. Green Chemistry	25	75	100
33	IV	Skill Based Subject	Paper - 3	3	3	Applied chemistry	25	75	100
				30	21		150	450	600
SEMESTER VI									
34	III	Core Theory	Paper-8	5	5	Inorganic Chemistry – II	25	75	100
35	III	Core Practical	Practical-3	3	3	Gravimetric Estimation	25	75	100
36	III	Core Theory	Paper-9	5	4	Organic Chemistry – II	25	75	100
37	III	Core Practical	Practical-4	3	3	Organic Analysis & Preparations	25	75	100
38	III	Core Theory	Paper-10	5	4	Physical Chemistry – II	25	75	100
39	III	Core Practical	Practical-5	3	3	Physical Chemistry Experiments	25	75	100
40	III	Elective	Paper-3	3	3	Any one from A. Analytical chemistry - II B. Textile chemistry C. Nano Chemistry	25	75	100
41	IV	Skill based Subject	Paper-4	3	3	Agriculture and Leather Chemistry	25	75	100
42	V	Extension Activities		-	1	Extension Activities	100	0	100
		TOTAL		30	29		300	600	900

Part	Subject	Papers	Credit	Total credits	Marks	Total Marks
Part I	Languages	4	4	16	100	400
Part II	English	4	4	16	100	400
Part III	Allied (Odd Semester) *	2	4	8	100	200
	Allied (Even Semester) *	2	4	8	100	200
	Allied Practical (Even Semester)	2	2	4	100	200
	Electives	3	3	9	100	300
	Core (Theory & Practicals)	15	(3-6)	57	100	1500
Part IV	Environmental Science	1	2	2	100	100
	Soft skill	1	1	1	100	100
	Value Education	1	2	2	100	100
	Lang. & Others/NME	2	2	4	100	200
	Skill Based	4	3	12	100	400
Part V	Extension	1	1	1	100	100
	Total	42		140		4200

* Allied Mathematics:

	Ins. Hrs/Week	Credit	CIA	University	Total Marks
Paper-1	7	4	25	75	100
Paper-2	7	6	25	75	100

if Mathematics is one of the Allied Subjects total no. of papers will be 41.

THIRUVALLUVARUNIVERSITY

B.Sc. COMPUTER SCIENCE

CBCS PATTERN

(With effect from 2020-2021)

S. No.	Part	Study Components		Ins. Hrs / week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER I									
1.	I	Language	Paper-1	6	4	Tamil/Other Languages	25	75	100
2.	II	English (CE)	Paper-1	6	4	Communicative English I	25	75	100
3.	III	Core Theory	Paper-1	6	4	Programming in C	25	75	100
4.	III	Core Practical	Practical-1	3	2	Programming in C Lab	25	75	100
5.	III	Allied -1	Paper-1	7	3	(to choose any one) 1. Mathematics I 2. Mathematical Foundations I	25	75	100
6.	III	PE	Paper 1	6	3	Professional English I	25	75	100
7.	IV	Environmental Studies		2	2	Environmental studies	25	75	100
		Sem. Total		36	22		175	525	700
SEMESTER II									
8.	I	Language	Paper-2	6	4	Tamil/Other Languages	25	75	100
9.	II	English (CE)	Paper-2	6	4	Communicative English II	25	75	100
10.	III	Core Theory	Paper-2	5	4	C++ & Data Structure	25	75	100
11.	III	Core Practical	Practical-2	2	2	C++ and Data Structures Lab	25	75	100
12.	III	Allied-1	Paper-2	7	5	(to choose any one) 1. Mathematics II 2. Mathematical Foundations II	25	75	100
13.	III	PE	Paper 1	6	3	Professional English II	25	75	100
14.	IV	Value Education		2	2	Value Education	25	75	100
15.	IV	Soft Skill		2	1	Soft Skill	25	75	100
		Sem. Total		36	25		200	600	800

THIRUVALLUVAR UNIVERSITY

B.Sc. COMPUTER SCIENCE

DEGREE COURSE

CBCS PATTERN

(With effect from 2017 - 2018)

The Course of Study and the Scheme of Examinations

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER I									
1	I	Language	Paper-1	6	4	Tamil/Other Languages	25	75	100
2	II	English	Paper-1	6	4	English	25	75	100
3	III	Core Theory	Paper - 1	6	6	Digital Logic & Programming in C	25	75	100
4	III	Core Practical	Practical-1	3	2	Programming in C Lab	25	75	100
5	III	ALLIED 1	Paper-1	7	4	(to choose any one) 1. Mathematics I 2. Mathematical Foundations I	25	75	100
6	IV	Environ. Studies		2	2	Environmental Studies	25	75	100
				30	22		150	450	600
SEMESTER II									
7	I	Language	Paper-2	6	4	Tamil/Other Languages	25	75	100
8	II	English	Paper-2	4	4	English	25	75	100
9	III	Core Theory	Paper-2	6	6	C++& Data Structures	25	75	100
10	III	Core Practical	Practical-2	3	2	C++ and Data Structure lab	25	75	100
11	III	Allied 1	Paper-2	7	6	(to choose any one) 1. Mathematics II 2. Mathematical Foundations II	25	75	100
12	IV	Soft skill		2	1	Soft skill	25	75	100

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title							
13	IV	Value Education		2	2	Value Education	25	75	100
				30	25		175	525	700
SEMESTER III							CIA	Uni. Exam	Total
14	I	Language	Paper-3	6	4	Tamil / Other Languages	25	75	100
15	II	English	Paper-3	6	4	English	25	75	100
16	III	Core Theory	Paper-3	3	3	Java Programming	25	75	100
17	III	Core Practical	Practical-3	3	3	Java Programming Lab	25	75	100
18	III	Allied II	Paper-3	4	4	(to choose any one) 1. Physics I 2. Statistical Methods and their Applications	25	75	100
19	III	Allied II	Practical	3	0	Physics / Statistics Practical	0	0	0
20	IV	Skill Based Subject I	Paper-1	3	3	Design & Analysis of Algorithm	25	75	100
21	IV	Non-Major Elective I	Paper-1	2	2	Introduction to Information Technology	25	75	100
				30	23		175	525	700
SEMESTER IV							CIA	Uni. Exam	Total
22	I	Language	Paper-4	6	4	Tamil/Other Languages	25	75	100
23	II	English	Paper-4	6	4	English	25	75	100
24	III	Core Theory	Paper-4	3	3	Database Management Systems	25	75	100
25	III	Core Practical	Practical-4	3	3	RDBMS Lab	25	75	100
26	III	Allied II	Paper-4	4	4	(to choose any one) 1. Physics II	25	75	100

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title							
						2. Statistical Methods and their Applications II			
27	III	Allied Practical	Practical	3	2	Physics / Statistics practicals	25	75	100
28	IV	Skill Based Subject II	Paper-2	3	3	Computer Organisation and Architecture	25	75	100
29	IV	Non-Major Elective II	Paper-2	2	2	Internet and its Applications	25	75	100
				30	25		200	600	800
SEMESTER V							CIA	Uni. Exam	Total
30	III	Core Theory	Paper-5	6	3	Mobile Application Development	25	75	100
31	III	Core Theory	Paper-6	6	3	Operating System	25	75	100
32	III	Core Theory	Paper – 7	4	2	Data Communication & Network	25	75	100
33	III	Core Practical	Practical-5	4	3	Mobile Applications Development - Lab	25	75	100
34	III	Core Practical	Practical-6	4	3	Operating System - Lab	25	75	100
35	III	Elective I	Paper-1	3	3	1. Data Mining 2. Computer Graphics 3. Information Security	25	75	100
36	IV	Skill Based Subject III	Paper-3	3	3	Software Engineering	25	75	100
				30	20		175	525	700
SEMESTER VI							CIA	Uni. Exam	Total
37	III	Core Theory	Paper-8	7	5	Cloud Computing	25	75	100
38	III	Core Theory	Paper-9	6	4	Open Source Programming	25	75	100
39	III	Core	Practical-	4	3	ASP .NET Lab	25	75	100

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title							
		Practical	7						
40	III	Core Practical	Practical-8	4	3	Open Source Programming - Lab	25	75	100
41	III	Elective II	Paper-2	3	3	1. Software Testing 2. Mobile Computing 3. Microprocessor	25	75	100
42	III	Elective III	Paper-3	3	3	1. Internet of Things 2. System Software 3. Multimedia Systems	25	75	100
43	IV	Skill Based Subject IV	Paper-4	3	3	ASP .NET	25	75	100
44	V	Extension Activities		0	1		100	0	100
				30	25		275	525	800

Part	Subject	Papers	Credit	Total credits	Marks	Total Marks
Part I	Languages	4	4	16	100	400
Part II	English	4	4	16	100	400
Part III	Allied (Odd Semester)	2	4	8	100+100 (I + III SEM)	200
	Allied (Even Semester)	2	6+4	10	100+100 (II + IV SEM)	200
	Allied Practical	1	2	2	100	100
	Electives	3	3	9	100	300
	Core	9	(3-6)	35	100	900
	Core Practical	8	(2-3)	22	100	800
Part IV	Environmental Science	1	2	2	100	100
	Soft skill	1	1	1	100	100
	Value Education	1	2	2	100	100
	Lang. & Others/NME	2	2	4	100	200
	Skill Based	4	3	12	100	400
Part V	Extension	1	1	1	100	100
	Total	43		140		4300

THIRUVALLUVARUNIVERSITY

BACHELOR OF COMPUTER APPLICATIONS DEGREE COURSE

CBCS PATTERN

(With effect from 2020-2021)

S. No.	Part	Study Components		Ins. Hrs / week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER I									
1.	I	Language	Paper-1	6	4	Tamil/Other Languages	25	75	100
2.	II	English (CE)	Paper-1	6	4	Communicative English I	25	75	100
3.	III	Core Theory	Paper-1	6	4	Programming in C	25	75	100
4.	III	Core Practical	Practical-1	3	2	Programming in C Lab	25	75	100
5.	III	Allied -1	Paper-1	7	3	Mathematical Foundations - I	25	75	100
6.	III	PE	Paper 1	6	3	Professional English I	25	75	100
7.	IV	Environmental Studies		2	2	Environmental studies	25	75	100
		Sem. Total		36	22		175	525	700
SEMESTER II									
8.	I	Language	Paper-2	6	4	Tamil/Other Languages	25	75	100
9.	II	English (CE)	Paper-2	6	4	Communicative English II	25	75	100
10.	III	Core Theory	Paper-2	5	4	C++ & Data Structure	25	75	100
11.	III	Core Practical	Practical-2	2	2	C++ and Data Structures Lab	25	75	100
12.	III	Allied-1	Paper-2	7	5	Mathematical Foundations - II	25	75	100
13.	III	PE	Paper 1	6	3	Professional English II	25	75	100
14.	IV	Value Education		2	2	Value Education	25	75	100
15.	IV	Soft Skill		2	1	Soft Skill	25	75	100
		Sem. Total		36	25		200	600	800

SEMESTER III									
							CIA	Uni. Exam	Total
16.	III	Core Theory	Paper-3	5	4	Programming in JAVA	25	75	100
17.	III	Core Theory	Paper-4	4	4	E-Commerce	25	75	100
18.	III	Core Theory	Paper-5	5	4	Operations Research	25	75	100
19.	III	Core Practical	Practical-3	4	3	Programming in JAVA Lab	25	75	100

THIRUVALLUVAR UNIVERSITY
BACHELOR OF COMPUTER APPLICATIONS
DEGREE COURSE
CBCS PATTERN
(With effect from 2017-2018)

The Course of Study and the Scheme of Examinations

S.No.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER I									
1	I	Language	Paper-1	6	4	Tamil/Other Languages	25	75	100
2	II	English	Paper-1	6	4	English	25	75	100
3	III	Core Theory	Paper -1	6	6	Digital Logic & Programming in C	25	75	100
4	III	Core Practical	Practical-1	3	2	Programming in C Lab	25	75	100
5	III	ALLIED-1	Paper-1	7	4	Mathematical Foundations - I	25	75	100
6	IV	Environ. Studies		2	2	Environmental Science	25	75	100
				30	22		150	450	600
SEMESTER II									
7	I	Language	Paper-2	6	4	Tamil/Other Languages	25	75	100
8	II	English	Paper-2	4	4	English	25	75	100
9	III	Core Theory	Paper-2	6	6	C++ & Data Structure	25	75	100
10	III	Core Practical	Practical-2	3	2	C++ and Data Structures Lab	25	75	100
11	III	ALLIED-1	Paper-2	7	6	Mathematical Foundations - II	25	75	100
12	IV	Value Education		2	2	Value Education	25	75	100
13	IV	Soft Skill		2	1	Soft Skill	25	75	100
				30	25		175	525	700
SEMESTER III									
14	III	Core Theory	Paper-3	5	3	Java Programming	25	75	100
15	III	Core Theory	Paper-4	4	4	E-Commerce	25	75	100
16	III	Core	Paper-5	5	4	Resource Management	25	75	100

S.No.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title							
		Theory				Techniques			
17	III	Core Practical	Practical-3	4	3	Java Programming Lab	25	75	100
18	III	ALLIED-2	Paper-3	7	4	Financial Accounting - I	25	75	100
19	IV	Skill based Subject	Paper-1	3	3	Design and Analysis of Algorithm	25	75	100
20	IV	Non-major elective	Paper-1	2	2	Introduction to Information Technology	25	75	100
				30	23		175	525	700
SEMESTER IV							CIA	Uni. Exam	Total
21	III	Core Theory	Paper-6	5	3	Database Management Systems	25	75	100
22	III	Core Theory	Paper-7	4	4	Enterprise Resource Planning	25	75	100
23	III	Core Theory	Paper-8	5	4	Decision Support System	25	75	100
24	III	Core Practical	Practical-4	4	3	RDBMS Lab	25	75	100
25	III	ALLIED-2	Paper-4	7	6	Financial Accounting - II	25	75	100
26	IV	Skill based Subject	Paper-2	3	3	Computer Organisation and Architecture	25	75	100
27	IV	Non-major elective	Paper-2	2	2	Internet and its applications	25	75	100
				30	25		175	525	700
SEMESTER V							CIA	Uni. Exam	Total
28	III	Core Theory	Paper-9	6	3	Mobile Application Development	25	75	100
29	III	Core Theory	Paper-10	6	3	Operating System	25	75	100
30	III	Core Theory	Paper – 11	4	2	Data Communication & Network	25	75	100
31	III	Core Practical	Practical-5	4	3	Mobile Applications Development - Lab	25	75	100
32	III	Core Practical	Practical-6	4	3	Operating System - Lab	25	75	100
33	III	Elective I	Paper-1	3	3	A. Data Mining	25	75	100

S.No.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title							
						B. Computer Graphics C. Information Security			
34	IV	Skill Based Subject III	Paper-3	3	3	Software Engineering	25	75	100
				30	20		175	525	700
SEMESTER VI							CIA	Uni. Exam	Total
35	III	Core Theory	Paper-12	7	5	Cloud Computing	25	75	100
36	III	Core Theory	Paper-13	6	4	Open Source Programming	25	75	100
37	III	Core Practical	Practical-7	4	3	ASP .NET Lab	25	75	100
38	III	Core Practical	Practical-8	4	3	Open Source Programming - Lab	25	75	100
39	III	Elective II	Paper-2	3	3	A. Software Testing B. Mobile Computing C. Microprocessor	25	75	100
40	III	Elective III	Paper-3	3	3	A. Internet of Things B. System Software C. Multimedia Systems	25	75	100
41	IV	Skill Based Subject IV	Paper-4	3	3	ASP .NET	25	75	100
42	V	Extension Activities		0	1		100	0	100
				30	25		275	525	800

Part	Subject	Papers	Credit	Total credits	Marks	Total Marks
Part I	Languages	2	4	8	100	200
Part II	English	2	4	8	100	200
Part III	Allied (Odd Semester)	2	4	8	100+100 (I + III SEM)	200
	Allied (Even Semester)	2	6+6	12	100+100 (II + IV SEM)	200
	Electives	3	3	9	100	300
	Core	13	(3-6)	51	100	1300
	Core Practical	8	(2-3)	22	100	800
Part IV	Environmental Science	1	2	2	100	100
	Soft skill	1	1	1	100	100
	Value Education	1	2	2	100	100
	Lang. & Others/NME	2	2	4	100	200
	Skill Based	4	3	12	100	400
Part V	Extension	1	1	1	100	100
	Total	42		140		4200

THIRUVALLUVAR UNIVERSITY
BACHELOR OF ARTS

B.Com.

DEGREE COURSE

CBCS PATTERN

(With effect from 2020 -2021)

The Course of Study and the Scheme of Examinations

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER I									
1.	I	Language	Paper-1	6	4	Tamil/Other Languages	25	75	100
2.	II	English (CE)	Paper-1	6	4	Communicative English I	25	75	100
3.	III	Core Theory	Paper-1	5	3	Financial Accounting -I	25	75	100
4.	III	Core Theory	Paper-2	5	3	Business Organization	25	75	100
5.	III	ALLIED -1	Paper-1	6	3	(to choose 1 out of 3) 1. Indian Economy I 2. Elements of Insurance 3. Consumerism	25	75	100
6.	III	PE	Paper-1	6	3	Professional English I	25	75	100
7.	IV	Environmental Studies		2	2	Environmental Studies	25	75	100
				36	22		175	525	700
SEMESTER II									
8.	I	Language	Paper-2	6	4	Tamil/Other Languages	25	75	100
9.	II	English (CE)	Paper-2	4	4	Communicative English I	25	75	100
10.	III	Core Theory	Paper-3	5	3	Financial Accounting –II	25	75	100
11.	III	Core Theory	Paper-4	5	3	Office management	25	75	100
12.	III	ALLIED-1	Paper-2	6	5	(to choose 1 out of 3) 1. Indian Economy II 2. Merchant banking 3. Business Mathematics	25	75	100
13.	III	PE	Paper-2	6	3	Professional English II	25	75	100
14.	IV	Value Education		2	2	Value Education	25	75	100
15.	IV	Soft Skill		2	1	Soft Skill	25	75	100
				36	25		200	600	800

THIRUVALLUVAR UNIVERSITY

B. COM., (GENERAL)

Degree Course

CBCS Pattern

(With effect from 2017-18)

The course of study and the scheme of Examination

Semester – I

S. No.	Part	Study Components	Ins. Hrs. / Week	Credit	Title of the paper	CIA	Uni. Exam	Total
		Course Title						
SEMESTER – I								
1	I	Language – I	6	4	Tamil – I / Other Language	25	75	100
2	II	English – I	6	4	English – I	25	75	100
3	III	Core Paper – I	6	4	Financial Accounting – I	25	75	100
4	III	Core Paper – II	4	3	Business Organisation	25	75	100
5	III	Allied – I	6	4	(To choose one out of 3) a. Indian Economy – I b. Business Mathematics c. Consumer Protection and Consumer Rights	25	75	100
6	IV	EVS	2	2	EVS	25	75	100
			30	21		150	450	600
SEMESTER – II								
						CIA	Uni. Exam	Total
1	I	Language – II	6	4	Tamil – II / Other Language	25	75	100
2	II	English – II	4	4	English – II	25	75	100
3	III	Core Paper – III	6	4	Financial Accounting – II	25	75	100
4	III	Core Paper – IV	4	3	Elements of Insurance	25	75	100
5	III	Allied – II	6	6	(To choose one out of 3) a. Indian Economy – II b. Logistic Management c. Merchant Banking	25	75	100
6	IV	Value Education	2	2	Value Education	25	75	100
7	IV	Soft Skill	2	1	Soft Skill	25	75	100
			30	21		175	525	700
SEMESTER – III								
						CIA	Uni. Exam	Total
1	I	Core Paper – V	6	4	Corporate Accounting – I	25	75	100
2	II	Core Paper – VI	5	4	Business Law	25	75	100
3	III	Core Paper – VII	4	3	Banking Theory, Law & Practice	25	75	100

4	III	Core Paper – VIII	4	3	Business Statistics – I	25	75	100
5	III	Allied – III	6	4	Business Economy – I	25	75	100
6	IV	Skill based Subject - I	3	3	E-Commerce & Its Applications	25	75	100
7	IV	Non-Major - I	2	2	Elements of Accountancy	25	75	100
			30	23		175	525	700
SEMESTER – IV						CIA	Uni. Exam	Total
1	III	Core Paper – IX	6	4	Corporate Accounting – II	25	75	100
2	III	Core Paper – X	5	4	Company Law	25	75	100
3	III	Core Paper – XI	4	3	Business Communication	25	75	100
4	III	Core Paper – XII	4	3	Business Statistics – II	25	75	100
5	III	Allied – IV	6	6	Business Economy – II	25	75	100
6	IV	Skill based Subject - II	3	3	Industrial Organisation	25	75	100
7	IV	Non-Major - II	2	2	Advertising and Salesmanship	25	75	100
			30	25		175	525	700
SEMESTER – V						CIA	Uni. Exam	Total
1	III	Core Paper – XIII	6	4	Cost Accounting – I	25	75	100
2	III	Core Paper – XIV	5	4	Practical Auditing	25	75	100
3	III	Core Paper – XV	6	4	Business Management	25	75	100
4	III	Core Paper – XVI	6	4	Income Tax Law & Practice – I	25	75	100
5	III	Elective – I	4	3	(To choose one out of 3) a. Entrepreneurial Development b. Industrial Relations c. Management Information System	25	75	100
6	IV	Skill based Subject - III	3	3	Principles of Marketing	25	75	100
			30	22		150	450	600
SEMESTER – VI						CIA	Uni. Exam	Total
1	III	Core Paper – XVII	6	5	Cost Accounting – II	25	75	100
2	III	Core Paper – XVIII	6	5	Management Accounting	25	75	100
3	III	Core Paper – XIX	6	5	Income Tax Law & Practice – II	25	75	100
4	III	Elective – II	5	3	(To choose one out of 3) a. Financial Management b. Business Environment c. Office Management	25	75	100
5	III	Elective – III	4	3	(To choose one out of 3)	25	75	100

					a. Human Resource Management b. Financial Services c. Portfolio Management			
6	IV	Skill based Subject – IV	3	3	Computer Application in Business	25	75	100
7		Extension Activities	-	1		100	0	100
			30	25		250	450	700

Consolidated statement

Part	subject	Papers	credit	Total credits	Marks	Total Marks
Part - I	Languages	2	4	8	100	200
Part - II	English	2	4	8	100	200
Part - III	Allied (Odd Semester)	2	4	8	100	200
	Allied (Even Semester)	2	6	12	100	200
	Electives	3	3	9	100	300
	Core	19	(3-7)	73	100	1900
Part - IV	Environmental Science	1	2	2	100	100
	Soft Skills	1	1	1	100	100
	Value Education	1	2	2	100	100
	Language & Others / NME	2	2	4	100	200
	Skill based	4	3	12	100	400
Part - V	Extension Activities	1	1	1	100	100
	Total	40		140		4000

THIRUVALLUVAR UNIVERSITY
BACHELOR OF BUSINESS ADMINISTRATION
DEGREE COURSE
CBCS PATTERN
(With effect from 2020 - 2021)

The Course of Study and the Scheme of Examinations

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER I									
1.	I	Language	Paper-1	6	4	Tamil/Other Languages	25	75	100
2.	II	English (CE)	Paper-1	6	4	Communicative English I	25	75	100
3.	III	Core Theory	Paper-1	5	3	Principles of Management	25	75	100
4.	III	Core Theory	Paper-2	5	3	Business Mathematics & Statistics I	25	75	100
5.	III	ALLIED -1	Paper-1	6	3	(to choose any 1 out of 3) A. Business Organization B. Principles of Insurance C. Business Ethics	25	75	100
6.	III	PE	Paper-1	6	3	Professional English I	25	75	100
7.	IV	Environmental Studies		2	2	Environmental Studies	25	75	100
				36	22		175	525	700
SEMESTER II									
8.	I	Language	Paper-2	6	4	Tamil/Other Languages	25	75	100
9.	II	English (CE)	Paper-2	4	4	Communicative English I	25	75	100
10.	III	Core Theory	Paper-3	5	3	Business Environment	25	75	100
11.	III	Core Theory	Paper-4	5	3	Business Mathematics & Statistics II	25	75	100
12.	III	ALLIED-1	Paper-2	6	5	(to choose any 1 out of 3) A. Customer Relationship Management B. Principles of Banking System C. Fundamentals of Computer	25	75	100
13.	III	PE	Paper-2	6	3	Professional English II	25	75	100
14.	IV	Value Education		2	2	Value Education	25	75	100
15.	IV	Soft Skill		2	1	Soft Skill	25	75	100
				36	25		200	600	800

THIRUVALLUVAR UNIVERSITY
BACHELOR OF BUSINESS ADMINISTRATION
DEGREE COURSE
CBCS PATTERN

(With effect from 2017 - 2018)

The Course of Study and the Scheme of Examinations

S. No.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER I									
1	I	Language	Paper-1	6	4	Tamil/Other Languages	25	75	100
2	II	English	Paper-1	6	4	English	25	75	100
3	III	Core Theory	Paper-1	6	4	Principles of Management	25	75	100
4	III	Core Theory	Paper-2	4	3	Business Mathematics & Statistics I	25	75	100
5	III	ALLIED -1	Paper-1	6	4	(to choose any 1 out of 3) A. Business Organization B. Principles of Insurance C. Business Ethics	25	75	100
6	IV	Environ. Studies		2	2	Environmental Science	25	75	100
				30	21		150	450	600
SEMESTER II									
7	I	Language	Paper-2	6	4	Tamil/Other Languages	25	75	100
8	II	English	Paper-2	4	4	English	25	75	100
9	III	Core Theory	Paper-3	6	4	Financial Accounting	25	75	100
10	III	Core Theory	Paper-4	4	3	Business Mathematics & Statistics II	25	75	100
11	III	ALLIED-1	Paper-2	6	6	(to choose any 1 out of 3) A. Business Communication B. Principles of Banking System C. Fundamentals of Computer	25	75	100
12	IV	Value Education		2	2	Value Education	25	75	100
13	IV	Soft Skill		2	1	Soft Skill	25	75	100
				30	24		175	525	700

S. No.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER III									
14	III	Core Theory	Paper-5	5	4	Production Management	25	75	100
15	III	Core Theory	Paper-6	5	4	Management Accounting I	25	75	100
16	III	Core Theory	Paper-7	5	4	Strategic Management	25	75	100
17	III	Core Theory	Paper-8	4	3	Managerial Economics	25	75	100
18	III	ALLIED-2	Paper-3	6	4	(to choose any 1 out of 3) A. Office Management B. Service Marketing C. Tourism Management	25	75	100
19	IV	Skill based Subject	Paper-1	3	3	Customer Relationship Management	25	75	100
20	IV	Non-major elective	Paper-1	2	2	Management Concepts	25	75	100
				30	24		175	525	700
SEMESTER IV									
21	III	Core Theory	Paper-9	5	4	Materials Management	25	75	100
22	III	Core Theory	Paper-10	5	4	Management Accounting II	25	75	100
23	III	Core Theory	Papr-11	5	3	Business Environment	25	75	100
24	III	Core Theory	Paper 12	4	3	Operations Research	25	75	100
25	III	ALLIED-2	Paper-4	6	6	(to choose any 1 out of 3) A. Organizational Behavior B. Project Management C. Hotel Management	25	75	100
26	IV	Skill based Subject	Paper-2	3	3	Total Quality Management	25	75	100
27	IV	Non-major elective	Paper-2	2	2	Training and Development	25	75	100
				30	25		175	525	700
SEMESTER V									
28	III	Core Theory	Paper-13	6	4	Marketing Management	25	75	100
29	III	Core Theory	Paper-14	6	4	Business Law	25	75	100
30	III	Core Theory	Paper-15	5	4	Cost Accounting	25	75	100
31	III	Core Theory	Paper-16	5	4	Computer Application in Business	25	75	100
32	III	Elective	Paper-1	5	3	(To choose any 1 out of 3) A. Human Resource Management B. Reward Management	25	75	100

S. No.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title							
						C. Change Management			
33	IV	Skill based Subject	Paper-3	3	3	E-Business	25	75	100
				30	22		150	450	600
SEMESTER VI							CIA	Uni. Exam	Total
34	III	Core Theory	Paper-17	6	4	Industrial Relations and Labour Laws	25	75	100
35	III	Core Theory	Paper-18	5	4	Entrepreneurial Development	25	75	100
36	III	Core	Paper-19	6	6	Group Project *Viva-Voce ** Project Report	25*	75**	100
37	III	Elective	Paper-2	5	3	(to choose any 1 out of 3) A. Financial Management B. Financial Services C. Investment Management	25	75	100
38	III	Elective	Paper-3	5	3	(to choose any 1 out of 3) A. Marketing Research B. Rural Marketing Management C. Export Management	25	75	100
39	IV	Skill based Subject	Paper-4	3	3	Creativity and Innovation Management	25	75	100
40	V	Extension Activities		0	1	Extension Activities	100	0	100
		Total		30	24		150	450	700

Part	Subject	Papers	Credit	Total credits	Marks	Total Marks
Part I	Languages	2	4	8	100	200
Part II	English	2	4	8	100	200
Part III	Allied (Odd Semester)	2	4	8	100	200
	Allied (Even Semester)	2	6	12	100	200
	Electives	3	3	9	100	300
	Core	19	(3-7)	73	100	1900
Part IV	Environmental Science	1	2	2	100	100
	Soft Skill	1	1	1	100	100
	Value Education	1	2	2	100	100
	Lang. & Others/NME	2	2	4	100	200
	Skill Based	4	3	12	100	400
Part V	Extension	1	1	1	100	100
	Total	40		140		4000

THIRUVALLUVAR UNIVERSITY
MASTER OF ARTS
UNDER CBCS
M.A. Tamil
(with effect from 2020 -2021)

The Course of study and the Scheme of Examinations

Sl.no		Study Components	Ins .hrs/ Week	Credit	Title of the paper	Maximum marks		
		Course Title				CIA	Uni Exam	Total
Semester I								
1.	Core	Paper-1	6	4	,f;fhy,yf;fpak;	25	75	100
2.	Core	Paper-2	6	4	mw,yf;fpak;	25	75	100
3.	Core	Paper-3	6	4	njhy;fhg;gpak;-vOj;jjpfhuk;	25	75	100
4.	Core	Paper-4	6	4	jkpo;gz;ghl;LtuyhW	25	75	100
5.	Core elective	Paper-1	3	3	1.nkhopapay; mwpKfk; (m) 2.njhy;ypay;	25	75	100
6.	Open Elective	Paper-1	3	3	1.,jopay; jkpo; (m) 2.Ngr;Rf;fiy	25	75	100
			30	22		150	450	600
Semester II						CIA	Uni Exam	Total
7.	Core	Paper-5	6	4	fhg;gpaq;fs;	25	75	100
8.	Core	Paper-6	6	4	gf;jp,yf;fpak;	25	75	100
9.	Core	Paper-7	6	4	njhy;fhg;gpak; - nrhy;yjpfhuk;	25	75	100
10.	Core Elective	Paper -2	5	3	1.irtprj;jhe;jk; (m) 2.ngz;zpaga;gilg;Gfs;	25	75	100
11.	Open Elective	Paper -2	5	3	1.Clfj;jkpo; (m) 2.ehlfj;jkpo;	25	75	100
12.	*Field study		-	2		100	-	100
13.	Compulsory Paper		2	2	Human Rights	25	75	100
			30	22		250	450	700
Semester III						CIA	Uni	Total
14.	Core	Paper – 8	6	6	ra;f ,vf;fpak; (mfk;)	25	75	100
15.	Core	Paper – 9	6	6	Muha;r;rp newpKiwfs;	25	75	100
16.	Core	Paper – 10	6	5	njhy;fhg;gpak; - nghUsipfhuk;	25	75	100
17.	Core Elective	Paper – 3	6	3	1.rpw;wpyf;fpak; (m) 2. jkpo; ,yf;fz tuyhW	25	75	100
18.	Open elective	Paper – 3	6	3	1.gad;ghl;L ehl;Lg;Gwtpay; (m) 2. mwtpay; jkpo;	25	75	100
19.	**Mooc Course		-			-	-	100
			30	23		125	375	600

THIRUVALLUVAR UNIVERSITY

MASTER OF ARTS

DEGREE COURSE

M.A. TAMIL

UNDER CBCS

(With effect from 2017– 2018)

The Course of Study and the Scheme of Examination

Sl. No.	Study Components		ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER I								
1	MAIN	Paper-1	6	5	இக்கால இலக்கியம்	25	75	100
2	MAIN	Paper-2	6	5	அற இலக்கியம்	25	75	100
3	MAIN	Paper-3	6	4	தொல்காப்பியம் - எழுத்ததிகாரம்	25	75	100
4	MAIN	Paper-4	6	4	பொது மொழியியல்	25	75	100
5	ELECTIVE	Paper-1	6	3	(பின்வருவனவற்றுள் ஏதேனும் ஒன்று) 1. தமிழ்ப் பண்பாட்டு வரலாறு 2. ஒப்பிலக்கியம் 3. ஆட்சித்தமிழ் 4. கோயிற்கலையும் பண்பாடும் ஆட்சியும் 5. மொழிபெயர்ப்பியல்	25	75	100
			30	21		125	375	500
SEMESTER II								
6	MAIN	Paper-5	6	5	காப்பியங்கள்	25	75	100
7	MAIN	Paper-6	6	5	பக்தி இலக்கியம்	25	75	100
8	MAIN	Paper-7	5	4	தொல்காப்பியம் சொல்லதிகாரம்	25	75	100
9	MAIN	Paper-8	5	4	இலக்கியத் திறனாய்வும் கொள்கைகளும்	25	75	100
10	Compulsory Paper		2	2	Human Rights	25	75	100
11	ELECTIVE	Paper-2	6	3	(பின்வருவனவற்றுள் ஏதேனும் ஒன்று) 1. தமிழ்மொழி வரலாறு 2. பெண்ணியம் 3. சைவ சித்தாந்தம் 4. தமிழும் கிறித்தவமும் 5. இசுலாமியத் தமிழிலக்கிய வகைகள்	25	75	100
			30	23		150	450	600

S. No.	Study Components		ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER III								
12	MAIN	Paper-9	6	5	சிற்றிலக்கியம்	25	75	100
13	MAIN	Paper-10	6	5	ஆராய்ச்சி நெறிமுறைகள்	25	75	100
14	MAIN	Paper-11	6	5	தொல்காப்பியம் - பொருளதிகாரம் - I	25	75	100
15	MAIN	Paper-12	6	5	உரையியல்	25	75	100
16	ELECTIVE	Paper-3	6	3	(பின்வருவனவற்றுள் ஏதேனும் ஒன்று) 1. தமிழ் இலக்கண வரலாறு 2. தொல்லியல் 3. நாட்டார் வழக்காற்றியல் 4. ஒப்பீட்டு நோக்கில் உலகச் செம்மொழிகள் 5. இந்திய தத்துவங்கள்	25	75	100
			30	23		125	375	500
SEMESTER IV								
17	MAIN	Paper-13	6	5	சங்க இலக்கியம்	25	75	100
18	MAIN	Paper-14	6	5	அகராதியியல்	25	75	100
19	MAIN	Paper-15	5	5	தொல்காப்பியம் - பொருளதிகாரம் - II	25	75	100
20	MAIN	Paper-16	5	5	பதிப்பியல் (அ) ஆய்வேடு	25	75	100
21	ELECTIVE	Paper-4	6	3	(பின்வருவனவற்றுள் ஏதேனும் ஒன்று) 1. தமிழர் மானிடவியல் 2. திருவள்ளுவம் 3. கணினித்தமிழ் 4. படைப்பாக்கமும் ஆளுமைத் திறனும் 5. இந்திய இலக்கியப் பொதுக்கூறுகள்	25	75	100
			30	23		125	375	500

THIRUVALLUVAR UNIVERSITY

M.A. ENGLISH

SYLLABUS

UNDER CBCS

(With effect from 2020-2021)

PROGRAMME OBJECTIVES

The Programme aims to develop the ability of the student to critically examine and restate his/her understanding of literary texts, employing individual linguistic skills, engendering literary concepts and critical approaches to arrive at the core and essence of narratives. The learning process would also lead to a larger comprehension of global, national, social issues and thereby facilitate the students to address the issues proactively and gain a reasonable command of the language.

PROGRAMME OUTCOME

- On completion of the programme the student will be able to:
- Interpret his/her understanding of form, structure, narrative technique, devices and style.
- Analyze and apply various literary concepts and critical approaches.
- Appreciate the importance of English as an international language, to benefit from the achievements of other cultures in accordance with various life situations.
- Organize and integrate the acquired knowledge towards individualistic compositions.
- Present, appraise and defend arguments with conviction and confidence.

M.A. ENGLISH EMPLOYMENT AREAS

1. Advertising Industry
2. Corporate Communication
3. Communications Industry
4. Indian Civil Services
5. Journalism
6. Online Tutoring
7. Politics
8. Publication Houses
9. Public Relations
10. Research
11. TV & Media
12. Translation Agencies

M.A ENGLISH JOB TYPES

1. IELTS trainer
2. English Translator
3. Junior Parliamentary Reporter (English)
4. English Editor
5. Translator/Interpreter
6. English Teacher
7. Content Writer/Trainer
8. English Tutor
9. Customer Support Executive
10. English Proof Reader
11. English Language Specialist
12. Media Analyst
13. Stenographer (English)

The Course of Study and the Scheme of Examination

Sl. No.	Study Components		ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER I								
1.	Core	Paper- 1	6	4	British Poetry (Chaucer to 20th century)	25	75	100
2.		Paper- 2	6	4	American Literature	25	75	100
3.		Paper- 3	6	4	Indian Literature in English	25	75	100
4.		Paper- 4	6	4	Advanced Linguistics	25	75	100
Internal Elective for same major students								
5.	Core Elective	Paper-1	3	3	(To choose one out of 3) A. Indian Writing in Translation B. Fourth World Literature C. Folk Tale and Myth	25	75	100
External Elective for other major students (Inter/multi disciplinary papers)								
6.	Open Elective	Paper-1	3	3	(To choose one out of 3) A. Literature for Social Transformation B. Green Cultural Studies C. Public Speaking and Creative Writing	25	75	100
			30	22		150	450	600
SEMESTER II								
7.		Paper- 5	6	4	British Drama	25	75	100
8.		Paper- 6	6	4	Translation Theory & Practice	25	75	100
9.		Paper- 7	6	4	Contemporary Literary Theory - I	25	75	100
Internal Elective for same major students								
10.	Core Elective	Paper-2	5	3	(To choose one out of 3) A. Comparative Literature B. New Literature in English.	25	75	100

THIRUVALLUVAR UNIVERSITY

M.A. ENGLISH

SYLLABUS

UNDER CBCS (with effect from 2017-2018)

Year/ Semester	Subject	Paper	Title of the Paper	Ins. Hrs/ week	Credits	Max. Marks		
						CIA	Uni. Exam	Total
I Year/ I S E M E S T E R	CORE	1	Chaucer and Elizabethan Literature	6	4	25	75	100
	CORE	2	American Literature	6	4	25	75	100
	CORE	3	Indian Literature in English	6	4	25	75	100
	CORE	4	Modern English Grammar	6	4	25	75	100
	Elective I A		Indian Writing in Translation	6	4	25	75	100
	Elective I B		Classics in World Literature					
	Elective I C		Women's Writing					
				30	20	125	375	500
II S E M E S T E R	CORE	5	Restoration and Eighteenth Century Literature	5	5	25	75	100
	CORE	6	The Romantic Revival Literature	6	5	25	75	100
	CORE	7	Language and Linguistics	6	5	25	75	100

E S T E R	CORE	8	Literary Criticism	6	5	25	75	100
	Compulsory Paper		Human Rights	2	2	25	75	100
	Elective II A		Indian Diaspora Literature	5	3	25	75	100
	Elective II B		Post colonial Studies					
	Elective II C		New Literatures in English					
				30	25	150	450	600
III S E M E S T E R	CORE	9	Shakespeare Studies	6	5	25	75	100
	CORE	10	Victorian Literature	6	5	25	75	100
	CORE	11	Contemporary Literary Theory– I	6	5	25	75	100
	CORE	12	Research Methodology	6	4	25	75	100
	Elective III A		History of Ideas	6	3	25	75	100
	Elective III B		Literature : Analysis, Approaches and Applications					
	Elective III C		Translation Studies					
				30	22	125	375	500
IV S E M E S T E	CORE	13	Twentieth Century Literature	6	5	25	75	100
	CORE	14	English Language Teaching	6	5	25	75	100
	CORE	15	Contemporary Literary Theory–II	6	5	25	75	100
	CORE	16	Research Project	6	5	25	75	100
	Elective IV A		Children’s Literature	6	3	25	75	100

R	Elective IV B		Academic Writing					
	Elective IV C		Comprehensive Study of Literature					
				30	23	125	375	500

Subject	Papers	Credit	Total Credits	Marks	Total Marks
Main	16	4-5	76	100	1600
Elective	4	3	12	100	400
Compulsory Paper	1	2	2	100	100
Total	21	-	90	-	2100

THIRUVALLUVAR UNIVERSITY
MASTER OF SCIENCE

M.Sc. MATHEMATICS
DEGREE COURSE
UNDER CBCS
(With effect from 2020-2021)

The Course of Study and the Scheme of Examination

Sl. No.	Study Components		ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER I								
1.	Core	Paper -1	6	5	Algebra-I	25	75	100
2.		Paper -2	6	5	Real Analysis –I	25	75	100
3.		Paper -3	6	4	Ordinary Differential Equations	25	75	100
Internal Elective for same major students (Choose any one)								
4.	Core Elective	Paper-1	6	3	(to choose one out of 3) A. Probability Theory B. Mechanics C. Graph Theory	25	75	100
External Elective for other major students (Inter/multi disciplinary papers)								
5.	Open Elective	Paper-1	6	3	(to choose one out of 3) A. Basic Mathematics B. Mathematical Foundations C. Mathematical Modeling	25	75	100
			30	20		125	375	500
SEMESTER II								
6.	Core	Paper-4	6	5	Algebra-II	25	75	100
7.		Paper-5	6	5	Real Analysis –II	25	75	100
8.		Paper-6	6	4	Partial Differential Equations	25	75	100
Internal Elective for same major students (Choose any one)								
9.	Core Elective	Paper-2	5	3	(to choose one out of 3) A. Mathematical Statistics B. Fuzzy Set Theory C. Difference Equations	25	75	100
External Elective for other major students (Inter/multi disciplinary papers)								
10.	Open Elective	Paper-2	5	3	(to choose one out of 3) A. Fundamentals of Insurance B. Numerical Methods C. Fundamentals of Business Statistics	25	75	100
11.	*Field Study		-	2		100	-	100
12.	Compulsory Paper		2	2	Human Rights & Duties	25	75	100
			30	24		250	450	700

THIRUVALLUVAR UNIVERSITY
MASTER OF SCIENCE
DEGREE COURSE
M.Sc. MATHEMATICS
UNDER CBCS
(with effect from 2017 - 2018)

The Course of Study and the Scheme of Examinations

S.NO.	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
						CIA	Uni. Exam	Total
SEMESTER I								
1	MAIN	Paper-1	6	5	Algebra I	25	75	100
2	MAIN	Paper-2	6	5	Real Analysis I	25	75	100
3	MAIN	Paper-3	6	4	Ordinary Differential Equations	25	75	100
4	MAIN	Paper-4	6	5	Differential Geometry	25	75	100
5	ELECTIVE	Paper-1	6	3	(to choose 1 out of 4) A. Finite Element Method B. Discrete Mathematics C. Graph Theory D. Reliability & Queueing Theory	25	75	100
			30	22		125	375	500
SEMESTER II								
6	MAIN	Paper-5	5	4	Algebra II	25	75	100
7	MAIN	Paper-6	6	5	Real Analysis II	25	75	100
8	MAIN	Paper-7	6	5	Partial Differential Equations	25	75	100
9	MAIN	Paper-8	6	4	Mechanics	25	75	100
10	Compulsory Paper		2	2	Human Rights	25	75	100
11	ELECTIVE	Paper-2	5	3	(to choose 1 out of 4) A. *Programming in C++ - Practical B. Fuzzy Mathematics C. Calculus of Variations and Integral Equations D. Mathematical Modelling	25	75	100
			30	23		150	450	600

M.Sc. Mathematics : Syllabus (CBCS)

SEMESTER III						CIA	Uni. Exam	Total
12	MAIN	Paper-9	6	5	Complex Analysis I	25	75	100
13	MAIN	Paper-10	6	5	Topology	25	75	100
14	MAIN	Paper-11	6	5	Operations Research	25	75	100
15	MAIN	Paper-12	6	5	Probability Theory	25	75	100
16	ELECTIVE	Paper-3	6	3	(to choose 1 out of 4) A. Tensor Analysis and Relativity Theory B. Analytic Number Theory C. Fluid Dynamics D. Algebraic Topology	25	75	100
			30	23		125	375	500
SEMESTER IV						CIA	Uni. Exam	Total
17	MAIN	Paper-13	6	5	Complex Analysis II	25	75	100
18	MAIN	Paper-14	6	5	Functional Analysis	25	75	100
19	MAIN	Paper-15	6	5	Mathematical Statistics	25	75	100
20	MAIN	Paper-16	6	4	Difference Equations	25	75	100
21	ELECTIVE	Paper-4	6	3	(to choose 1 out of 4) A. Number Theory and Cryptography B. Algebraic Number Theory C. Stochastic Processes D. *Mathematical Softwares – Practical	25	75	100
			30	22		125	375	500

M.Sc. Mathematics : Syllabus (CBCS)

***Programming in C++ and Mathematical Software Practical's:**

External = 75 Marks = 60 (Practical) + 15 (Record)

Internal (CIA) = 25 Marks = 20 (Test) + 5 (Observation)

Subject	Papers	Credit	Total Credit	Marks	Total Marks
Main	16	4 - 5	76	100	1600
Elective	4	3	12	100	400
Compulsory Paper	1	2	2	100	100
Total	21	---	90	---	2100

THIRUVALLUVAR UNIVERSITY

MASTER OF SCIENCE

M.Sc. PHYSICS

(CBCS Pattern)

(With effect from 2020– 2021)

The Course of Study and the Scheme of Examination

Sl. No.	Study Components		ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER I								
1.	Core-Theory	Paper-1	5	4	Mathematical Physics - I	25	75	100
2.	Core-Theory	Paper-2	5	4	Classical and Statistical Mechanics	25	75	100
3.	Core-Theory	Paper-3	5	4	Quantum Mechanics - I	25	75	100
	Core-Practical	Paper-1	4	0	General Practical	0	0	0
	Core-Practical	Paper-2	4	0	Electronics Practical	0	0	0
Internal Elective for same major students								
4.	Core Elective	Paper-1	4	3	(to choose one out of 3) A. Electronic Devices and Applications B. Fiber Optic Communication C. Electronics Communication Systems	25	75	100
External Elective for other major students (Inter/multi disciplinary papers)								
5.	Open Elective	Paper-1	3	3	(to choose one out of 3) A. Energy Physics B. Basic Physics C. Communication Physics	25	75	100
			30	18		125	375	500
SEMESTER II								
6.	Core-Theory	Paper-4	5	4	Mathematical Physics - II	25	75	100
7.	Core-Theory	Paper-5	5	4	Electro Magnetic Theory	25	75	100
8.	Core-Theory	Paper-6	4	4	Quantum Mechanics - II	25	75	100
9.	Core-Practical	Paper-1	4	4	General Practical	25	75	100
10.	Core-Practical	Paper-2	4	4	Electronics Practical	25	75	100
Internal Elective for same major students								
11.	Core Elective	Paper-2	3	3	(to choose one out of 3) A. Nanoscience B. Electronics Instrumentation C. Non-linear optics	25	75	100
External Elective for other major students (Inter/multi disciplinary papers)								

THIRUVALLUVAR UNIVERSITY
MASTER OF SCIENCE
DEGREE COURSE
M.Sc. PHYSICS
UNDER CBCS
(With effect from 2017-2018)

The Course of Study and the Scheme of Examinations

S.NO.	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
						CIA	Uni. Exam	Total
SEMESTER I								
1	MAIN	Paper-1	6	5	Mathematical Physics -I	25	75	100
2	MAIN	Paper-2	6	5	Classical and Statistical Mechanics	25	75	100
3	MAIN	Paper-3	5	5	Quantum Mechanics - I	25	75	100
4	MAIN PRACTICAL	Paper-1	4	-	General Experiments	-	-	-
5	MAIN PRACTICAL	Paper-2	4	-	Electronics Experiments	-	-	-
6	ELECTIVE	Paper-1	5	3	(to choose 1 out 3) A. Electronic Devices and Applications B. Electronics Instrumentation C. Electronics communication systems	25	75	100
			30	18		125	375	400
SEMESTER II								
7	MAIN	Paper-4	5	4	Mathematical Physics -II	25	75	100
8	MAIN	Paper-5	5	4	Electromagnetic Theory and Plasma Physics	25	75	100
9	MAIN	Paper-6	5	5	Quantum Mechanics II	25	75	100
10	MAIN PRACTICAL	Paper-1	4	4	General Experiments	25	75	100
11	MAIN PRACTICAL	Paper-2	4	4	Electronics Experiments	25	75	100
12	Compulsory Paper		2	2	Human Rights	25	75	100
13	ELECTIVE	Paper-2	5	3	(to choose 1 out 3) A. Nano Science B. Fibre Optics C. Non linear Optics	25	75	100
			30	26		150	450	700

M.Sc. Physics : Syllabus (CBCS)

SEMESTER III						CIA	Uni. Exam	Total
14	MAIN	Paper-7	5	5	Spectroscopy	25	75	100
15	MAIN	Paper-8	5	5	Nuclear and Particle Physics	25	75	100
16	MAIN	Paper-9	5	5	Microprocessor and Microcontroller	25	75	100
17	MAIN PRACTICAL	Paper-3	5	-	Advanced General Experiments	-	-	-
18	MAIN PRACTICAL	Paper-4	5	-	Microprocessor, Microcontroller and C Programming	-	-	-
19	ELECTIVE	Paper-3	5	3	(to choose 1 out 3) A. Crystal Growth and Thin Films B. Advanced Spectroscopy C. Advanced Nuclear Physics	25	75	100
			30	18		125	375	400
SEMESTER IV						CIA	Uni. Exam	Total
20	MAIN	Paper-10	5	5	Material Science and Laser Physics	25	75	100
21	MAIN	Paper-11	5	5	Condensed matter Physics	25	75	100
22	MAIN	Paper-12	5	5	Project with <i>viva voce</i>	-	100 (75 Project +25 viva)	100
23	MAIN PRACTICAL	Paper-3	5	5	Advanced General Experiments	25	75	100
24	MAIN PRACTICAL	Paper-4	5	5	Microprocessor, Microcontroller and C Programming	25	75	100
25	ELECTIVE	Paper-4	5	3	(to choose 1 out 3) A. Advanced Microprocessor B. C Programming and MATLAB C. Numerical Methods and programming in C	25	75	100
			30	28		255	345	600

Subject	Papers	Credit	Total Credits	Marks	Total marks
MAIN	12	4-5	58	100	1200
MAIN PRACTICAL	4	4-5	18	100	400
ELECTIVE	4	3	12	100	400
COMPULSORY PAPER	1	2	2	100	100
Total	21	-	90	-	2100

Project

There will be a Project work at the end of the Semester IV. The guidelines for the Project work with Viva-voce as follows.

- a) The Project work carries 100 marks for which the Project report shall be evaluated for 75 marks and the Viva-voce carries 25 marks. The marks for Project report and Viva-voce are to be awarded jointly by the external examiners in consultation with project supervisor.
- b) The Project report may consist of 40 to 50 pages.
- c) The candidate has to submit the Project report 15 days before the commencement of the IV Semester examinations.
- d) A candidate who fails in the Project/Dissertation may resubmit the report (on the same topic) with necessary modification/correction/ improvements in the subsequent even Semester examination for evaluation.
- e) Each candidate shall be required to appear for Viva-voce examination (in defense of the Project only)

THIRUVALLUVAR UNIVERSITY

MASTER OF SCIENCE

M.Sc. CHEMISTRY

DEGREE COURSE

UNDER CBCS

With effect from 2020-2021

The Course of Study and the Scheme of Examinations

S. No.	Study Components		Ins. Hrs/ week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER I								
1.	Core Theory	Paper-1	4	4	Organic Chemistry- I	25	75	100
2.	Core Theory	Paper-2	4	3	Inorganic Chemistry- I	25	75	100
3.	Core Theory	Paper-3	4	3	Physical Chemistry- I	25	75	100
	Core Practical	Paper-1	4	0	Organic Chemistry Practical- I	-	-	-
	Core Practical	Paper-2	4	0	Inorganic Chemistry Practical- I	-	-	-
	Core Practical	Paper-3	4	0	Physical Chemistry Practical- I	-	-	-
Internal Elective for same major students								
4.	Core Elective	Paper-1	3	3	(to choose 1 out of 3) A. Advanced Polymer Chemistry B. Heterocyclic Chemistry C. Materials Chemistry	25	75	100
External Elective for other major students (Inter/multi disciplinary papers)								
5.	Open Elective	Paper-I	3	3	(to choose 1 out of 3) A. Chemistry in Agriculture B. Food Chemistry C. Industrial chemistry-I	25	75	100
			30	16		125	375	500
SEMESTER II								
6.	Core Theory	Paper-4	3	3	Organic Chemistry- II	25	75	100
7.	Core Theory	Paper-5	3	4	Inorganic Chemistry- II	25	75	100
8.	Core Theory	Paper-6	3	3	Physical Chemistry- II	25	75	100
9.	Core Practical	Paper-1	5	3	Organic Chemistry Practical- I	25	75	100
10.	Core Practical	Paper-2	5	3	Inorganic Chemistry Practical- I	25	75	100
11.	Core Practical	Paper-3	5	3	Physical Chemistry Practical- I	25	75	100
12.	Compulsory paper		2	2	Human Rights	25	75	100

**THIRUVALLUVAR UNIVERSITY
VELLORE - 632 115**

MASTER OF SCIENCE

M.Sc. CHEMISTRY DEGREE COURSE

**UNDER CBCS
(With effect from 2017 - 2018)**



REVISED SYLLABUS SUBMITTED

ON

DECEMBER - 2016

THIRUVALLUVAR UNIVERSITY
MASTER OF SCIENCE
M.Sc. CHEMISTRY
DEGREE COURSE
UNDER CBCS
(With effect from 2017-2018)

The Course of Study and the Scheme of Examinations

S. No.	Study Components		Ins. Hrs/ week	Credit	Title of the Paper	Maximum Marks		
						CIA	Uni. Exam	Total
Course Title								
1ST YEAR- SEMESTTER I								
1	MAIN	Paper-1	4	4	Organic Chemistry- I	25	75	100
2	MAIN	Paper-2	4	4	Inorganic Chemistry- I	25	75	100
3	MAIN	Paper-3	4	4	Physical Chemistry- I	25	75	100
4	MAIN PRACTICAL	Paper-1	5	0	Organic Chemistry Practical- I	-	-	-
5	MAIN PRACTICAL	Paper-2	5	0	Inorganic Chemistry Practical- I	-	-	-
6	MAIN PRACTICAL	Paper-3	5	0	Physical Chemistry Practical- I	-	-	-
7	ELECTIVE	Paper-1	3	3	(to choose 1 out of 3) A. Advanced Polymer Chemistry B. Heterocyclic Chemistry C. Materials Chemistry	25	75	100
			30	15		100	300	400

1ST YEAR- SEMESTER II								
						CIA	Uni. Exam	Total
8	MAIN	Paper-4	3	3	Organic Chemistry- II	25	75	100
9	MAIN	Paper-5	3	3	Inorganic Chemistry- II	25	75	100
10	MAIN	Paper-6	4	4	Physical Chemistry- II	25	75	100
11	MAIN PRACTICAL	Paper-1	5	5	Organic Chemistry Practical- I	25	75	100
12	MAIN PRACTICAL	Paper-2	5	5	Inorganic Chemistry Practical- I	25	75	100
13	MAIN PRACTICAL	Paper-3	5	5	Physical Chemistry Practical- I	25	75	100

14	Compulsory paper		2	2	Human Rights	25	75	100
15	ELECTIVE	Paper-2	3	3	(to choose 1 out of 3) A. Green Chemistry B. Supramolecular and Nanochemistry C. Modern Separation Techniques	25	75	100
			30	30		200	600	800

2 nd YEAR- SEMESTER III						CIA	Uni. Exam	Total
16	MAIN	Paper-7	4	4	Organic Chemistry- III	25	75	100
17	MAIN	Paper-8	4	4	Inorganic Chemistry- III	25	75	100
18	MAIN	Paper-9	4	4	Physical Chemistry- III	25	75	100
19	MAIN PRACTICAL	Paper-4	5	0	Organic Chemistry Practical- II	-	-	-
20	MAIN PRACTICAL	Paper-5	5	0	Inorganic Chemistry Practical- II	-	-	-
21	MAIN PRACTICAL	Paper-6	5	0	Physical Chemistry Practical- II	-	-	-
22	ELECTIVE	Paper-3	3	3	(to choose 1 out of 3) A. Scientific Research Methodology B. Advanced Bioinorganic Chemistry C. Advanced analytical techniques	25	75	100
			30	15		100	300	400

2 nd YEAR- SEMESTER IV						CIA	Uni. Exam	Total
23	MAIN	Pape-10	4	4	Organic Chemistry- IV	25	75	100
24	MAIN	Paper-11	4	4	Inorganic Chemistry- IV	25	75	100
25	MAIN	Paper-12	4	4	Physical Chemistry- IV	25	75	100
26	MAIN PRACTICAL	Paper-4	5	5	Organic Chemistry Practical- II	25	75	100
27	MAIN PRACTICAL	Paper-5	5	5	Inorganic Chemistry Practical- II	25	75	100
28	MAIN PRACTICAL	Paper-6	5	5	Physical Chemistry Practical- II	25	75	100

THIRUVALLUVAR UNIVERSITY
MASTER OF COMPUTER SCIENCE
(CBCS PATTERN)
(With effect from 2020 - 2021)

The course of Study and scheme of Examination

S.No	Study Components		Ins. Hrs./ week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER 1								
1.	Core	Paper -1	5	3	Relational Database Management System	25	75	100
2.	Core	Paper -2	5	3	Enterprise Java Programming	25	75	100
3.	Core	Paper -3	5	3	Programming using C#.NET	25	75	100
4.	Practical	Paper -1	3	2	Practical 1:Relational Database Management System	25	75	100
5.	Practical	Paper -2	3	2	Practical 2: Enterprise Java Programming	25	75	100
6.	Practical	Paper -3	3	2	Practical 3: Programming using C#.NET	25	75	100
Internal Elective for same major students								
7.	Core Elective	Paper-1	3	3	(to choose one out of 3) A. Computer Organization B. Parallel Computing C. Embedded System	25	75	100
External Major for other major Students (Inter/multi-disciplinary papers)								
8.	Open Elective	Paper - 1	3	3	(to choose one out of 3) A. E-Commerce B. Introduction to Computer Applications C. Principles of Internet	25	75	100
			30	21				800
SEMESTER II								
9.	Core	Paper -4	5	3	Advanced Enterprise Java Programming	25	75	100
10.	Core	Paper -5	4	3	Design and Analysis of Algorithm	25	75	100
11.	Core	Paper -6	4	3	Web Application using C#.NET	25	75	100
12.	Practical	Paper -4	3	2	Practical 4: Advanced Enterprises Java Programming	25	75	100
13.	Practical	Paper -5	3	2	Practical 5: Design and Analysis of Algorithm	25	75	100
14.	Practical	Paper -6	3	2	Practical 6: Web Application using c#.NET	25	75	100
Internal Elective for same major students (Choose any one)								
15.	Core Elective	Paper -2	3	3	(To choose one out of 3) A. Human Computer Interaction B. Social Information N/W C. Cloud Computing	25	75	100
External Major for other major Students (Inter/multi-disciplinary papers)								
16.	Open Elective	Paper – 2	3	3	(To choose one out of 3) A. Principles of Web Design B. Open Source Applications C. Problem Solving Techniques	25	75	100

THIRUVALLUVAR UNIVERSITY

MASTER OF SCIENCE DEGREE COURSE

M.Sc. COMPUTER SCIENCE

UNDER CBCS

(With effect from 2017-2018)

The Course of Study and the Scheme of Examinations

S.NO.	Study Components		Ins. Hrs. /week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER I								
1	MAIN	Paper-1	5	5	Formal Languages and Automata Theory	25	75	100
2	MAIN	Paper-2	4	3	Advanced Java Programming	25	75	100
3	MAIN	Paper-3	4	3	Web Application using C#	25	75	100
4	MAIN	Paper-4	4	3	Data Base Management Systems	25	75	100
5	MAIN PRACTICAL	Paper-1	3	2	Advanced Java Programming Lab	25	75	100
6	MAIN PRACTICAL	Paper-2	3	2	Web Application using C# Lab	25	75	100
7	MAIN PRACTICAL	Paper-3	3	2	Data Base Management Systems Lab	25	75	100
8	ELECTIVE	Paper-1	4	3	(to choose either A or B or C) A. Object Oriented Analysis and Design B. Cloud Computing C. Principles of Programming	25	75	100
			30	23				800
SEMESTER II								
9	MAIN	Paper-5	4	4	Compiler Design	25	75	100
10	MAIN	Paper-6	4	3	Enterprise Java Programming	25	75	100
11	MAIN	Paper-7	4	3	Enterprise Applications using C#	25	75	100
12	MAIN	Paper-8	4	3	Unix Network Programming	25	75	100
13	MAIN PRACTICAL	Paper-4	3	2	Enterprise Java Programming Lab.	25	75	100
14	MAIN PRACTICAL	Paper-5	3	2	Enterprise Applications using C# Lab	25	75	100
15	MAIN PRACTICAL	Paper-6	2	2	Unix Programming Lab	25	75	100
16	Compulsory Paper		2	2	Human Rights	25	75	100

M.Sc.Computer Science:Syllabus (CBCS)

17	ELECTIVE	Paper-2	4	3	(to choose either A or B or C) A. Software Testing B. Web Services C. Cryptography and Network Security	25	75	100
			30	24				800
SEMESTE III						CIA	Uni. Exam	Total
18	MAIN	Paper-9	5	5	Distributed Operating Systems	25	75	100
19	MAIN	Paper-10	4	3	Software Project Management	25	75	100
20	MAIN	Paper-11	4	3	Mobile Computing	25	75	100
21	MAIN	Paper-12	4	3	Design and Analysis of Algorithms	25	75	100
22	MAIN PRACTICAL	Paper-7	3	2	Mobile Computing Lab	25	75	100
23	MAIN PRACTICAL	Paper-8	3	2	Design and Analysis of Algorithms Lab	25	75	100
24	MAIN PRACTICAL	Paper-9	3	2	Mini Project	25	75	100
25	ELECTIVE	Paper-3	4	3	(to choose either A or B or C) A. Software Quality Assurance B. Big Data C. Soft Computing	25	75	100
			30	23				800
SEMESTER IV						CIA	Uni. Exam	Total
26		Paper-11	30	20	Project Work	80	120	200
			30	20		80	120	200

Subject	Papers	Credit	Total Credits	Marks	Total marks
MAIN	12	3-5	41	100	1200
ELECTIVE	3	3	9	100	300
MAIN PRACTICAL	8	2	16	100	800
MINI PROJECT	1	2	2	100	100
MAIN PROJECT	1	20	20	200	200
COMPULSORY PAPER	1	2	2	100	100
Total	26	-	90	-	2700

Structure of the Course and Evaluation Pattern:

The duration of University examination for theory and practical subjects shall be 3 hours. The maximum mark for each theory is 100 with 25 for Continuous Internal Assessment (CIA) and 75 for University Examination.

CIA Theory Exam		
I	Two tests	15 Marks
II	Assignment /Seminar	5 Marks
III	Attendance	5 Marks
Total		25 Marks

The maximum marks for each practical is 100 with 25 for Internal Assessment and 75 for University Examination.

CIA Practical Exam		
I	One Test	20 Marks
II	Record	5 Marks
Total		25 Marks

Semester Practical Exam		
1.	Experiment 1	25 Marks
2.	Experiment 1	25 Marks
3.	Viva – Voce	15 Marks
4.	Record	10 Marks
Total		75 Marks

**THIRUVALLUVAR UNIVERSITY
VELLORE**

**M.Sc. INFORMATION TECHNOLOGY
(CBCS PATTERN)**

SYLLABUS

(With effect from 2020 - 2021)

The Course of Study and the Scheme of Examination

Sl. No.	Study Components		ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER I								
1.	Core	Paper 1	5	3	Operating System	25	75	100
2.	Core	Paper 2	5	3	Object Oriented Analysis & Design	25	75	100
3.	Core	Paper 3	5	3	DBMS	25	75	100
	Practical	Paper 1	3	-	Object Oriented Programming Lab	-	-	-
	Practical	Paper 2	3	-	RDBMS-Lab	-	-	-
	Practical	Paper 3	3	-	Visual Programming-Lab	-	-	-
Internal Elective for same major students								
4.	Core Elective	Paper-1	3	3	(to choose one out of 3) A. Computer Architecture B. Discrete Mathematics C. Principles of Communication System	25	75	100
External Elective for other major students (Inter/multi disciplinary papers)								
5.	Open Elective	Paper-1	3	3	Digital data handling	25	75	100
			30	15		125	375	500
SEMESTER II								
6.	Core	Paper 4	4	3	Visual Programming	25	75	100
7.	Core	Paper 5	4	3	Computer Networks	25	75	100
8.	Core	Paper 6	4	3	Software Engineering	25	75	100
9.	Practical	Paper 1	3	4	Object Oriented Programming Lab	25	75	100
10.	Practical	Paper 2	3	4	RDBMS- Lab	25	75	100
11.	Practical	Paper 3	3	4	Visual Programming -Lab	25	75	100

THIRUVALLUVAR UNIVERSITY
MASTER OF SCIENCE
DEGREE COURSE
M.Sc. INFORMATION TECHNOLOGY
UNDER CBCS
(With effect from 2017-2018)

The Course of Study and the Scheme of Examinations

Year / Semester	Subject	Paper	Title of the Paper	Ins. Hrs/ Week	Credit	Max.Marks		
						CIA	Uni. Exam.	Total
I Year I Semester	MAIN	Paper-1	Principles of Communication System	4	4	25	75	100
	MAIN	Paper-2	Object Oriented Programming	4	4	25	75	100
	MAIN	Paper-3	Data Base Management System	4	4	25	75	100
	MAIN	Practical I	Object Oriented Programming Lab	5	-	-	-	-
	MAIN	Practical II	RDBMS Lab	5	-	-	-	-
	MAIN	Practical III	Visual Programming Lab	5	-	-	-	-
	Elective	Paper-1	(to choose 1 out of 3) A)Computer Architecture B)Discrete Mathematics C)Operating System	3	3	25	75	100
				30	15	100	300	400
I Year II Semester	MAIN	Paper-4	Visual Programming	4	4	25	75	100
	MAIN	Paper-5	Computer Networks	4	4	25	75	100
	Compulsory Paper		Human Rights	4	4	25	75	100
	MAIN	Practical I	Object Oriented Programming Lab	5	5	25	75	100
	MAIN	Practical II	RDBMS Lab	5	5	25	75	100
	MAIN	Practical III	Visual Programming Lab	5	5	25	75	100
	Elective	Paper-2	(to choose 1 out of 3) A) Software Engineering B) E-Commerce C) Telecommunication Switching Techniques	3	3	25	75	100
				30	30	175	525	700

M.Sc. Information Technology: Syllabus (CBCS)

Year / Semester	Subject	Paper	Title of the Paper	Ins. Hrs/ Week	Credit	Max.Marks		
						CIA	Uni. Exam.	Total
II Year III Semester	MAIN	Paper-6	Internet Programming	4	4	25	75	100
	MAIN	Paper-7	Mobile Computing	4	4	25	75	100
	MAIN	Paper-8	Computer Graphics and Multimedia	4	4	25	75	100
	MAIN	Practical IV	Network Lab	5	0	-	-	-
	MAIN	Practical V	Internet Programming Lab	5	0	-	-	-
	MAIN	Practical VI	Graphics and Multimedia Lab	5	0	-	-	-
	Elective	Paper-3	(to choose 1 out of 3) A) JSP and EJB B) Client Server Computing C) Image Processing	3	3	25	75	100
				30	15	100	300	400
II Year IV Semester	MAIN	Paper-9	Software Project Management	4	4	25	75	100
	MAIN	Paper-10	Network Security	4	4	25	75	100
	MAIN	Practical IV	Network Lab	5	5	25	75	100
	MAIN	Practical V	Internet Programming Lab	5	5	25	75	100
	MAIN	Practical VI	Graphics and Multimedia Lab	5	5	25	75	100
	MAIN	Paper-11	*Project Work / Dissertation and viva voce	4	4	25	75	100
	Elective	Paper-4	(to choose 1 out of 3) A) High speed Networks B)Optical and Satellite Communication C) Component Technology	3	3	25	75	100
				30	30	175	525	700

Subject	Papers	Credit	Total Credits	Marks	Total marks
MAIN	10	4-5	46	100	1000
MAIN PRACTICAL	6	4-5	30	100	600
MAIN PROJECT	1	4	4	100	100
ELECTIVE	4	3	12	100	400
COMPULSORY PAPER	1	2	2	100	100
Total	23	-	90	-	2200

THIRUVALLUVAR UNIVERSITY

MASTER OF COMMERCE

SYLLABUS

UNDER CBCS

(With effect from 2020-2021)

The Course of Study and the Scheme of Examination

Sl. No.	Study Components		ins. hrs / week	Credit	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER I								
1.	Core	Paper- 1	6	4	Advanced Financial Management	25	75	100
2.		Paper- 2	6	4	Accounting for Managerial Decision	25	75	100
3.		Paper- 3	6	4	Marketing Management	25	75	100
4.		Paper- 4	6	4	Advanced Business Statistics	25	75	100
Internal Elective for same major students								
5.	Core Elective	Paper-1	3	3	(To choose one out of 3) A. Business Environment B. Computer Application in Business C. Managerial Economics	25	75	100
External Elective for other major students (Inter/multi disciplinary papers)								
6.	Open Elective	Paper-1	3	3	(To choose one out of 3) A. Principles of Marketing B. Elements of Insurance C. Corporate Social Responsibility	25	75	100
			30	22		150	450	600
SEMESTER II								
7.	Core	Paper- 5	6	4	Corporate Laws	25	75	100
8.		Paper- 6	6	4	Human Resource Management	25	75	100
9.		Paper- 7	6	4	Advanced Corporate Accounting	25	75	100
Internal Elective for same major students								
10.	Core Elective	Paper-2	5	3	(To choose one out of 3) A. Export and Import Management B. Global Marketing C. E-Commerce	25	75	100
External Elective for other major students (Inter/multi disciplinary papers)								
11.	Open Elective	Paper-2	5	3	(To choose one out of 3) A. Principles of Management B. Elements of Accounting C. Elements of Business Law	25	75	100
12.	*Field Study		-	2		100	-	100

THIRUVALLUVAR UNIVERSITY
MASTER OF COMMERCE
UNDER CBCS

(with effect from 2017-2018)

The Course of Study and the Scheme of Examination

S.NO.	Study Components		Ins. hrs /week	Credi t	Title of the Paper	Maximum Marks		
	Course Title					CIA	Uni. Exam	Total
SEMESTER I								
1	MAIN	Paper-1	6	5	Advanced Financial Management	25	75	100
2	MAIN	Paper-2	6	5	Accounting for Managerial Decisions	25	75	100
3	MAIN	Paper-3	6	4	Global Marketing	25	75	100
4	MAIN	Paper-4	6	4	Advanced Business Statistics	25	75	100
5	ELECTIVE	Paper-1	6	3	(to choose 1 out of 3) A. Managerial Economics B. Computer Applications in Business C. Insurance and Risk Management	25	75	100
			30	21		125	375	500
SEMESTER II								
6	MAIN	Paper-5	6	5	Corporate Laws	25	75	100
7	MAIN	Paper-6	6	5	Human Resource Management	25	75	100
8	MAIN	Paper-7	5	4	Advanced Accounts	25	75	100
9	MAIN	Paper-8	5	4	Quantitative Techniques for Business Decisions	25	75	100
10	Compulsory Paper		2	2	Human Rights	25	75	100
11	ELECTIVE	Paper-2	6	3	(to choose 1 out of 3) A. Retail Management B. E -Commerce C. Bank Management	25	75	100
			30	23		150	450	600
SEMESTER III								
12	MAIN	Paper-9	6	5	General Service Tax (GST)	25	75	100
13	MAIN	Paper-10	6	5	Organizational Behavior	25	75	100
14	MAIN	Paper-11	6	5	Advanced Cost Accounting	25	75	100
15	MAIN	Paper-12	6	5	Research Methodology	25	75	100

16	ELECTIVE	Paper-3	6	3	(to choose 1 out of 3) A. Financial Service B. Computer and office management C. Services Marketing	25	75	100
			30	23		125	375	500
SEMESTER IV						CIA	Uni. Exam	Total
17	MAIN	Paper-13	6	5	Direct Taxes	25	75	100
18	MAIN	Paper-14	6	5	Investment Management	25	75	100
		Project/Dissertation * with <i>viva voce</i> (or)	12	10		50	150	200
19	MAIN	Paper-15	6	5	Project Development	25	75	100
20	MAIN	Paper-16	6	5	Marketing Research	25	75	100
21	ELECTIVE	Paper-4	6	3	(to choose 1 out of 3) A. Business Environment and Policy B. Introduction to Information Technology C. Sales and Advertising Management	25	75	100
			30	23		125	375	500

Subject	Papers	Credit	Total Credits	Marks	Total marks
MAIN	16	4-5	76	100	1600
ELECTIVE	4	3	12	100	400
COMPULSORY PAPER	1	2	2	100	100
Total	21	-	90	-	2100

* Students have to choose either Project / Dissertation with *viva voce* or Paper-15 and Paper-16 instead of Project / Dissertation.