

THIRUVALLUVAR UNIVERSITY

BACHELOR OF ARTS

B.A. ARABIC

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	Grammar I	25	75	100
4.	III	Core Theory	Paper-2	5	3	Tajweed & Tarjama	25	75	100
5.	III	ALLIED -1	Paper-1	6	3	History of Prophets 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
				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	Grammar II	25	75	100
11.	III	Core Theory	Paper-4	5	3	Arabic Prose	25	75	100
12.	III	ALLIED-1	Paper-2	6	5	History of Prophets II	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
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-5	5	4	Grammar III	25	75	100
19.	III	Core Theory	Paper-6	4	4	Classical Prose I	25	75	100
20.	III	Allied-II	Paper-3	5	3	History of Prophets III	25	75	100
21.	IV	Skill based subject	Paper-1	2	2	Functional Arabic	25	75	100
22.	IV	Non-Major Elective	Paper-1	2	2	Arabic For Beginners	25	75	100
				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 IV									
23.	I	Language	Paper-4	6	4	Tamil/Other Languages	25	75	100
24.	II	English	Paper-4	6	4	English	25	75	100
25.	III	Core Theory	Paper-7	5	4	Grammar IV	25	75	100
26.	III	Core Theory	Paper-8	4	3	Classical Prose II	25	75	100
27.	III	Allied-II	Paper-4	5	5	History of Prophets IV	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-Major Elective	Paper-2	2	2	Foundation Course in Arabic	25	75	100
				30	24		175	525	700
SEMESTER V									
30.	III	Core Theory	Paper-9	6	4	Grammar V	25	75	100
31.	III	Core Theory	Paper-10	6	4	Arabic Poetry	25	75	100
32.	III	Core Theory	Paper-11	6	4	Modern Prose	25	75	100
33.	III	Core Theory	Paper-12	6	4	Rhetoric I	25	75	100
34.	III	Elective	Paper-1	4	3	Secretarial Practice in Arabic	25	75	100
35.	IV	NMSDC : Marketing and Design Tools	Paper-3	2	2	Graphic Design	25	75	100
				30	21		150	450	600
SEMESTER VI									
36.		Core Theory	Paper-13	5	4	Modern Poetry	25	75	100
37.	III	Core Theory	Paper-14	5	4	Rhetoric II	25	75	100
38.	III	Core Theory	Paper-15	5	3	Modern Arabic Literature	25	75	100
39.	III	Compulsory Project	Paper-16	5	5	Group / Individual Project Literary Project in Arabic	25	75	100
40.	III	Elective	Paper-2	4	3	Essays in Arabic	25	75	100
41.	III	Elective	Paper-3	4	3	Conversational Arabic	25	75	100
42.	IV	Skill based subject	Paper-4	2	2	Computer Skills in Arabic	25	75	100
43.	V	Extension Activities		-	1		100	-	100
44.		NMSDC : Employability Readiness				(choose any one) • Naandi • Unnati • Quest • Izpay • IBM Skills build			
				30	25		275	525	800
					140				4300

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THIRUVALUVAR UNIVERSITY
BACHELOR OF ARTS
B.A. CORPORATE ECONOMICS
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	Micro Economics I	25	75	100
4	III	Core Theory	Paper-2	5	3	Business Statistics	25	75	100
5	III	ALLIED -1	Paper-1	6	3	(to choose 1 out of 4) 1. Business Organisation 2. Financial Accounting I 3. Public Administration I 4. Agricultural Finance 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
				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	Paper-2	6	4	Communicative English II	25	75	100
10	III	Core Theory	Paper-3	4	3	Micro Economics II	25	75	100
11	III	Core Theory	Paper-4	4	3	Economics of Corporate Sector	25	75	100
12	III	ALLIED-1	Paper-2	6	5	(to choose 1 out of 4) 1. Enterprise Resource Planning 2. Financial Accounting II 3. Public Administration II 4. Agricultural Finance II	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

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER III							CIA	Uni. Exam	Total
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-5	3	3	Indian Economic Development I	25	75	100
19.	III	Core Theory	Paper-6	3	3	Monetary Economics	25	75	100
20.	III	ALLIED-2	Paper-3	7	3	(to choose 1 out of 4) 1. Mathematical Economics I 2. Cost Accounting 3. Labour Economics 4. Business Communication	25	75	100
21.	IV	Skill based Subject	Paper-1	3	2	Personality Development	25	75	100
22.	IV	Non-major elective	Paper-1	2	2	Fundamentals of Corporate Economics I	25	75	100
				30	21		175	525	700
SEMESTER IV							CIA	Uni. Exam	Total
23.	I	Language	Paper-4	6	4	Tamil/Other Languages	25	75	100
24.	II	English	Paper-4	6	4	English	25	75	100
25.	III	Core Theory	Paper-7	4	3	Indian Economic Development II	25	75	100
26.	III	Core Theory	Paper-8	3	3	Modern Banking	25	75	100
27.	III	ALLIED-2	Paper-4	7	5	(to choose 1 out of 4) 1. Mathematical Economics II 2. Management Accounting 3. International Trade 4. Marketing Management	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-major elective	Paper-2	2	2	Fundamentals of Corporate Economics II	25	75	100
				30	23		175	525	700
SEMESTER V							CIA	Uni. Exam	Total
30.	III	Core Theory	Paper-9	6	5	Macro Economics I	25	75	100
31.	III	Core Theory	Paper-10	6	5	Fiscal Economics	25	75	100
32.	III	Core Theory	Paper-11	6	4	Entrepreneurial Development	25	75	100
33.	III	Core Theory	Paper-12	6	4	Industrial Economics	25	75	100
34.	III	Elective	Paper-1	4	3	[to choose 1 out of 4] 1. Financial Markets and Systems 2. Industrial Organization I 3. Corporate Social Responsibility 4. Computer Application for	25	75	100

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
						Economics (Theory)			
35.	IV	NMSDC : Management and Market Strategies for Employability	Paper-3	2	2	Banking Financial Services	25	75	100
				30	23		150	450	600
SEMESTER VI							CIA	Uni. Exam	Total
36.	III	Core Theory	Paper-13	6	4	Macro Economics II	25	75	100
37.	III	Core Theory	Paper-14	6	4	Public Finance	25	75	100
38.	III	Core Theory	Paper-15	5	4	Environmental Economics	25	75	100
39.	III	Compulsory Project	Paper-16	5	5	Group / Individual Project	25	75	100
40.	III	Elective	Paper-2	3	3	[to choose 1 out of 4] 1.Coporate Governance and Business Ethics 2.Industrial Organization II 3.Development Economics 4.Pratical:Computer Application for Economics	25	75	100
41.	III	Elective	Paper-3	3	3	[to choose 1 out of 4] 1. Economics for Human Resource Manage Management 2. Farm Management 3. Organisational Behaviour 4. Industrial Relations and Labour Laws	25	75	100
42.	IV	Skill based Subject	Paper-4	2	2	Digital Economy	25	75	100
43.	V	Extension Activities		-	1		100	-	100
44.		NMSDC : Employability Readiness				(choose any one) - Naandi - Unnati - Quest - Izpay - IBM Skills build			
				30	26		275	525	800

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
TOTAL					140			4300	

THIRUVALLUVAR UNIVERSITY

BACHELOR OF ARTS

B. A. DEFENCE AND STRATEGIC STUDIES

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	Fundamentals of War And Peace	25	75	100
4	III	Core Theory	Paper-2	5	3	Defence Mechanism of India	25	75	100
5	III	ALLIED -1	Paper-1	6	3	Outlines of Political Theory-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
				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	The Art of Warfare in India upto 15 th Century	25	75	100
11	III	Core Theory	Paper-4	5	3	World military History-I (4 th cent. BC to Napoleonic Warfare	25	75	100
12	III	ALLIED-1	Paper-2	6	5	Outlines of Political Theory-II	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

SEMESTER –III		CIA	Uni.Exam	Total
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.	I	Language	Paper-3	6	4	Tamil/ Other Language	25	75	100
.	II	English	Paper-3	6	4	English	25	75	100
.	III	Core Theory	Paper-5	4	4	The Art of Warfare in India Since 16 th Century	25	75	100
.	IV	Core Theory	Paper-6	5	4	World military History-II (Since American War of Independence to World War II)	25	75	100
.	V	ALLIED -I	Paper-3	5	3	General Economics-I	25	75	100
.	VI	Skill Based Subject	Paper-1	2	2	Service Commissions in Indian Armed forces	25	75	100
.	IV	Non-major elective	Paper-1	2	2	Fundamentals of Defence and Strategic Studies	25	75	100
				30	23		175	525	700
SEMESTER –IV							CIA	Uni.Exam	Total
.	I	Language	Paper-4	6	4	Tamil/ Other Language	25	75	100
.	II	English	Paper-4	6	4	English	25	75	100
.	III	Core Theory	Paper-7	5	4	International Relations and Organizations	25	75	100
.	III	Core Theory	Paper-8	4	3	Limited wars	25	75	100
.	III	ALLIED -I	Paper-4	5	5	General Economics-II	25	75	100
.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
.	IV	Non-major elective	Paper-2	2	2	Fundamentals National Security	25	75	100
				30	24		175	525	700
SEMESTER – V							CIA	Uni.Exam	Total
.	III	Core Theory	Paper-9	6	4	Armed forces and society	25	75	100
.	III	Core Theory	Paper-10	6	4	Strategic thought	25	75	100
.	III	Core Theory	Paper-11	6	4	Nuclear Warfare	25	75	100
.	III	Core Theory	Paper-12	6	4	Defence Economics	25	75	100
.	III	Internal Elective	Paper-1	4	3	(To choose any 1 out of 3) A. Warfare in independent India B. Military Geography C. Essentials of Public Administration	25	75	100
.	IV	NMSDC : Marketing and Design Tools	Paper-3	2	2	Story Telling	25	75	100
				30	21		150	450	600
SEMESTER – VI							CIA	Uni.Exam	Total
.	III	Core Theory	Paper-13	5	4	National Security of India	25	75	100

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THIRUVALLUVAR UNIVERSITY

BACHELOR OF ARTS

B.A. ECONOMICS

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	Micro Economics I	25	75	100
4	III	Core Theory	Paper-2	5	3	Statistics for Economics I	25	75	100
5	III	ALLIED -1	Paper-1	6	3	(To choose 1 out of 4) 5. History of India - I 6. Agricultural Economics 7. Basics of Computer Application I 8. Financial Accounting - 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
				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	6	4	Communicative English II	25	75	100
10	III	Core Theory	Paper-3	4	3	Micro Economics II	25	75	100
11	III	Core Theory	Paper-4	4	3	Elementary Statistics for Economics II	25	75	100
12	III	ALLIED-1	Paper-2	6	5	(To choose 1 out of 4) 5. History of India II 6. Agricultural Marketing 7. Basics of Computer Application II 8. Financial Accounting II	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

S.NO	Part	Study Components	Ins.	Credit	Title of the Paper	Maximum Marks
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		Course Title		hrs /week			CIA	Uni.Exam	Total
SEMESTER III							CIA	Uni. Exam	Total
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-5	4	3	Indian Economy I	25	75	100
19.	III	Core Theory	Paper-6	3	3	Monetary Economics I	25	75	100
20.	III	ALLIED-2	Paper-3	6	3	(To choose 1 out of 4) 5. Economics of Entrepreneurship 6. Economic Development of Tamil Nadu - I 7. Women and the Economy 8. Cost and Management Accounting I	25	75	100
21.	IV	Skill based Subject	Paper-1	3	2	Interview Skills and Personality Development	25	75	100
22.	IV	Non-major elective	Paper-1	2	2	Fundamentals of Economics I	25	75	100
				30	21		175	525	700
SEMESTER IV							CIA	Uni.Exam	Total
23.	I	Language	Paper-4	6	4	Tamil/Other Languages	25	75	100
24.	II	English	Paper-4	6	4	English	25	75	100
25.	III	Core Theory	Paper-7	4	3	Indian Economy II	25	75	100
26.	III	Core Theory	Paper-8	3	3	Monetary Economics II	25	75	100
27.	III	ALLIED-2	Paper-4	6	5	(To choose 1 out of 4) 5. Basics Econometrics 6. Economic Development of Tamil Nadu II 7. Development Economics 8. Cost and Management Accounting II	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-1	2	2	Office Fundamentals	25	75	100
29.	IV	Non-major elective	Paper-2	2	2	Fundamentals of Economics II	25	75	100
				30	23		175	525	700
SEMESTER V							CIA	Uni.Exam	Total
30.	III	Core Theory	Paper-9	6	4	Macro Economics I	25	75	100
31.	III	Core Theory	Paper-10	6	5	Fiscal Economics I	25	75	100
32.	III	Core Theory	Paper-11	6	4	Managerial Economics	25	75	100
33.	III	Core Theory	Paper-12	6	4	Industrial Economics	25	75	100
34.	III	Internal Elective	Paper-1	4	3	[To choose 1 out of 4] 1.Environmental Economics I 2.International Trade I 3.Industrial Organization I 4.Economics of Capital Market and Digital Economy	25	75	100
35.	IV	NMSDC : Management and Market	Paper-3	2	2	Banking Financial Services	25	75	100

S.NO .	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni.Exam	Total
		Strategies for Employability							
				30	22		150	450	600
SEMESTER VI							CIA	Uni.Exam	Total
36.	III	Core Theory	Paper-13	6	5	Macro Economics II	25	75	100
37.	III	Core Theory	Paper-14	6	4	Fiscal Economics II	25	75	100
38.	III	Core Theory	Paper-15	5	4	History of Economic Thought	25	75	100
39.	III	Compulsory Project	Paper-16	5	5	Group / Individual Project	25	75	100
40.	III	Internal Elective	Paper-2	3	3	[To choose 1 out of 4] 1.Environmental Economics II 2.International Trade II 3.Industrial Organization II 4.Energy Economics	25	75	100
41.	III	Internal Elective	Paper-3	3	3	[To choose 1 out of 4] 1.Labour Economics 2.Insurance & Economics 3.Demography 4. Economics of Development and Planning	25	75	100
42.	III	NMSDC : Digital Banking and Audit Essentials for Employability	Paper-2	2	2	Fintech Course	25	75	100
43.	V	Extension Activities		-	1		100	-	100
				30	27		275	525	800
TOTAL					140				4300

(With effect from 2020 - 2021)

[illegible]

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER III							CIA	Uni. Exam	Total
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-5	4	4	British literature II	25	75	100
19.	III	Core Theory	Paper-6	5	4	Introduction to English Phonetics	25	75	100
20.	III	ALLIED-2	Paper-3	5	3	History of English literature I	25	75	100
21.	IV	Skill based Subject	Paper-1	2	2	Skills for Employment	25	75	100
22.	IV	Non-major elective	Paper-1	2	2	Language skills and communication I	25	75	100
Sem. Total				30	23		175	525	700
SEMESTER IV							CIA	Uni. Exam	Total
23.	I	Language	Paper-4	6	4	Tamil/Other Languages	25	75	100
24.	II	English	Paper-4	6	4	English	25	75	100
25.	III	Core Theory	Paper-7	5	4	British literature III	25	75	100
26.	III	Core Theory	Paper-8	4	3	History of English Language	25	75	100
27.	III	ALLIED-2	Paper-4	5	5	History of English Literature II	25	75	100
28.	IV	Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-major elective	Paper-2	2	2	Language skills and communication II	25	75	100
Sem. Total				30	24		175	525	700
SEMESTER V							CIA	Uni. Exam	Total
30.	III	Core Theory	Paper-9	6	4	British literature IV	25	75	100
31.	III	Core Theory	Paper-10	6	4	Shakespeare	25	75	100
32.	III	Core Theory	Paper-11	6	4	Literary Criticism.	25	75	100
33.	III	Core Theory	Paper-12	6	4	Subaltern Literature	25	75	100
34.	III	Internal Elective	Paper-1	4	3	(to choose one out f two) A. Children Literature B. Journalism	25	75	100
35.	IV	NMSDC : Marketing and Design Tools	Paper-3	2	2	Graphic Design	25	75	100
Sem. Total				30	21		150	450	600
SEMESTER VI							CIA	Uni. Exam	Total
36.	III	Core Theory	Paper-13	5	4	Contemporary Literature	25	75	100
37.	III	Core Theory	Paper-14	5	4	Indian literature in translation	25	75	100
38.	III	Core Theory	Paper-15	5	3	New Literatures in English	25	75	100

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
39.	III	Compulsory Project	Paper-16	5	5	Group / Individual Project	25	75	100
40.	III	Internal Elective	Paper-2	4	3	(to choose one out f two) A. English for Information Technology B. Film appreciation and book review	25	75	100
41.	III	Internal Elective	Paper-3	3	3	(to choose one out f two) A. Writing for Specific Purpose B. Creative Writing	25	75	100
42.	IV	Skill based Subject	Paper-4	3	2	English Language Teaching	25	75	100
43.	V	Extension Activities		-	1		100	-	100
44.		Employability Readiness	-	-	-	(choose any one) • Naandi • Unnati • Quest • Izpay • IBM Skills build	-	-	-
Sem. Total				30	25		275	525	800
Grand Total					140				4300

THIRUVALLUVAR UNIVERSITY
BACHELOR OF ARTS

B.A. HISTORY
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	History of India up to C.E.1206	25	75	100
4	III	Core Theory	Paper-2	5	3	History of India from C.E.1206 to C.E.1707	25	75	100
5	III	ALLIED -1	Paper-1	6	3	(to choose any 1 out of 4) 1. Outlines of Political Theory I 2. Studies on States and Governments I 3. Principles of Public Administration I 4. Principles of Sociology 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
				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	6	4	Communicative English II	25	75	100
10	III	Core Theory	Paper-3	4	3	History of India from C.E.1707 to C.E.1885	25	75	100
11	III	Core Theory	Paper-4	4	3	History of India from C.E.1885 to C.E.1947	25	75	100
12	III	ALLIED-1	Paper-2	6	5	(to choose any 1 out of 4) 1. Outlines of Political Theory II 2. Studies on States and Governments II 3. Principles of Public Administration II 4. Principles of Sociology II	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

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
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-5	4	3	History of India from C.E.1947 to C.E.2014	25	75	100
17	III	Core Theory	Paper-6	4	3	History of Tamil Nadu up to C.E.1336	25	75	100
18	III	ALLIED-2	Paper-3	6	3	(to choose 1 out of 4) 1. Tourism I 2. Indian Economy I 3. Media Studies I 4. Journalism I	25	75	100
19	IV	Skill based Subject	Paper-1	2	2	Cultural Heritage of Tamil Nadu	25	75	100
20	IV	Non-major elective	Paper-1	2	2	(to choose 1 out of 2) 1. Fundamentals of Defence and Strategic Studies 2. National Movement in India	25	75	100
				30	21		175	525	700
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-7	4	3	History of Tamil Nadu from C.E.1336 to C.E.1806	25	75	100
24	III	Core Theory	Paper-8	4	3	History of Tamil Nadu from C.E.1806 to C.E.2011	25	75	100
25	III	ALLIED-2	Paper-4	6	5	(to choose 1 out of 4) 1. Tourism II 2. Indian Economy II 3. Media Studies II 4. Journalism II	25	75	100
26	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
27	IV	Non-major elective	Paper-2	2	2	(to choose 1 out of 2) 1. Fundamentals of National Security 2. Indian Constitution	25	75	100
				30	23		175	525	700
SEMESTER V							CIA	Uni. Exam	Total
28	III	Core Theory	Paper-9	6	4	History of Europe from C.E.1453 to C.E.1789	25	75	100
29	III	Core Theory	Paper-10	6	4	History of USA from C.E 1861 to C.E.1932	25	75	100
30	III	Core Theory	Paper-11	6	5	History of China and Japan from C.E.1900 to C.E.2000	25	75	100
31	III	Core Theory	Paper-12	6	4	Constitutional History of India from C.E.1773 to C.E.1950	25	75	100

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
32	III	Internal Elective	Paper-1	4	3	[to choose 1 out of 3] 1. History of Freedom movement in Tamilnadu from C.E.1800 to C.E. 1947 2. Women Development in Tamilnadu from C.E.1900 to C.E.2000 3. Archaeology I	25	75	100
33	IV	NMSDC : Marketing and Design Tools	Paper-3	2	2	Story Telling	25	75	100
				30	22		150	450	600
SEMESTER VI							CIA	Uni. Exam	Total
34	III	Core Theory	Paper-13	6	5	History of Europe from C.E.1789 to C.E.1945	25	75	100
35	III	Core Theory	Paper-14	5	4	History of USA from C.E. 1932 to C.E.2000	25	75	100
36	III	Core Theory	Paper-15	5	4	International Relations Since C.E.1945	25	75	100
37	III	Compulsory Project	Paper-16	5	5	Group / Individual Project	25	75	100
38	III	Internal Elective	Paper-2	3	3	[to choose 1 out of 4] 1. History of Science and Technology in India up to C.E.1900 2. Dravidian Movement in Tamilnadu up to C.E.1947 3. History of the Arabs from C.E.750 to C.E.1258 4. History of RUSSA from Early times to C.E. 1917	25	75	100
39	III	Internal Elective	Paper-3	3	3	[to choose 1 out of 4] 1. History of Science and Technology Since C.E.1900 2. Dravidian Movement in Tamilnadu Since C.E.1947 3. An introduction to Museology 4. Archaeology II	25	75	100
40	IV	Skill based Subject	Paper-4	3	2	Growth of Panchayat Instituions in Tamilnadu	25	75	100
41	V	Extension Activities		-	1		100	-	100
42	-	NMSDC : Employability Readiness	Paper-3	-	-	(choose any one) • Naandi • Unnati • Quest • Izpay • IBM Skills build	-	-	-
				30	27		275	525	800
TOTAL					140		1100	3000	4100

THIRUVALLUVAR UNIVERSITY

BACHELOR OF ARTS

B.A. POLITICAL SCIENCE

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	Political Theory	25	75	100
4	III	Core Theory	Paper-2	5	3	History of India from 1707AD to 1885 AD	25	75	100
5	III	Allied - I	Paper-1	6	3	Constitution of India	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							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	Structure, Functions of Government and Political Process	25	75	100
11	III	Core Theory	Paper-4	5	3	Human Rights	25	75	100
12	III	Allied-I	Paper-2	6	5	Public Relations	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

SEMESTER III							CIA	Uni. Exam	Total
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-5	5	4	Modern Governments- I (UK,USA & Switzerland)	25	75	100
19.	III	Core Theory	Paper-6	4	4	Western Political Thought-I (Plato, Machiavelli)	25	75	100
20.	III	Allied-II	Paper-3	5	3	History of India 1885-2001	25	75	100
21.	IV	NMSDC : Digital Skills for Employability	Paper-1	2	2	Office Fundamentals	25	75	100
22.	IV	Non-major elective	Paper 1	2	2	Indian National Movement	25	75	100
		Total		30	23		175	525	700
SEMESTER IV									
23.	I	Language	Paper-4	6	4	Tamil/other Languages	25	75	100
24.	II	English	Paper-4	6	4	English	25	75	100
25.	III	Core Theory	Paper-7	5	4	Modern Governments-I (France, China, Japan)	25	75	100
26.	III	Core Theory	Paper-8	4	3	Western Political Thought II	25	75	100
27.	III	Allied-II	Paper-4	5	5	Principles of Public Administration	25	75	100
28.	IV	Skill Based Subject	Paper-2	2	2	International Organization	25	75	100
29.	IV	NME-II	Paper 2	2	2	Judicial System in India	25	75	100
		Total		30	24		175	525	700
SEMESTER V									
30.	III	Core Theory	Paper-9	6	4	Government and Politics in Tamil Nadu	25	75	100
31.	III	Core Theory	Paper-10	6	4	Contemporary Political Ideologies	25	75	100
32.	III	Core Theory	Paper-11	6	4	Modern Political Theory	25	75	100
33.	III	Core Theory	Paper-12	6	4	Indian Political System	25	75	100
34.	III	Elective	Paper -1	4	3	Social Welfare Administration	25	75	100
35.	IV	NMSDC : Marketing and Design Tools	Paper-3	2	2	Story Telling	25	75	100
		Total		30	21		150	450	600
SEMESTER VI									
36.	III	Core Theory	Paper-13	5	4	Indian Political Thought	25	75	100
37.	III	Core Theory	Paper-14	5	4	E. Governance	25	75	100

38.	III	Core Theory	Paper-15	5	3	Citizen and Civic Engagements	25	75	100
39.	III	Compulsory Project	Paper-16	5	5	Group / Individual Project	25	75	100
40.	III	Elective -I	Paper-2	4	3	International Relations	25	75	100
41.	III	Elective- II	Paper-3	3	3	Parliamentary System in India	25	75	100
42.	IV	Skill Based Subject	Paper-4	3	2	Local Governance and Administration in India	25	75	100
43.	V	Extension Activities	Paper -1	0	1	Extension Activities	100	0	100
44.	-	NMSDC : Employability Readiness	-	-	-	(choose any one) • Naandi • Unnati • Quest • Izpay • IBM Skills build	-	-	-
		Total		30	25		275	525	800
			36		140				4300

THIRUVALLUVAR UNIVERSITY

BACHELOR OF ARTS

B.A. PUBLIC 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 Public Administration	25	75	100
4	III	Core Theory	Paper-2	5	3	Constitution of India	25	75	100
5	III	Allied -I	Paper-1	6	3	Outlines of Political Theory	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							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	Administrative Thinkers-I	25	75	100
11	III	Core Theory	Paper-4	5	3	Indian Administration	25	75	100
12	III	Allied-I	Paper-2	6	5	Introduction to Sociology	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

SEMESTER III							CIA	Uni. Exam	Total
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 Paper	Paper-5	4	4	Principles of Organization	25	75	100
19.	III	Core Paper	Paper-6	5	4	Administrative Thinkers - II	25	75	100
20.	III	Allied II	Paper-3	5	3	Indian National Movement	25	75	100
21.	IV	Skill Based Subject	Paper-1	2	2	Public Relation	25	75	100
22.	IV	Non Major Elective	Paper-1	2	2	Indian Administrative System	25	75	100

				30	23		175	525	700

SEMESTER IV							CIA	Uni. Exam	Total
23.	I	Language	Paper-4	6	4	Tamil/Other Language	25	75	100
24.	II	English	Paper-4	6	4	English	25	75	100
25.	III	Core Paper	Paper-7	5	4	Principles of Management	25	75	100
26.	III	Core Paper	Paper-8	4	3	Modern Western Governments	25	75	100
27.	III	Allied II	Paper-4	5	5	Social Welfare Administration	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non Major Elective	Paper-2	2	2	Local Government in India	25	75	100
		Total		30	24		175	525	700

SEMESTER V						CIA	Uni. Exam	Total
III	Core Paper	Paper-9	6	4	Development Administration	25	75	100
III	Core Paper	Paper-10	6	4	Personnel Administration in India	25	75	100
III	Core Paper	Paper-11	6	4	Labour Welfare Administration in India	25	75	100
III	Core paper	Paper - 12	6	4	Financial Administration In India	25	75	100
III	Elective	Paper-1	4	3	Human Rights	25	75	100
IV	NMSDC : Marketing and Design Tools	Paper-3	2	2	Story Telling	25	75	100
	Total		30	21		150	450	600

SEMESTER VI						CIA	Uni. Exam	Total
III	Core Paper	Paper-13	5	4	Administrative Law	25	75	100
III	Core Paper	Paper-14	5	4	E-Governance in India	25	75	100
III	Core Paper	Paper-15	5	3	Administration of International Organization	25	75	100
III	Compulsory Project	Paper-16	5	5	Group / Individual Project	25	75	100
III	Elective	Paper-2	4	3	Gender Studies	25	75	100
III	Elective	Paper-3	3	3	Tamilnadu Government and Administration	25	75	100
IV	Skill Based Subject	Paper-4	3	2	Disaster Management	25	75	100
V	Extension Activities	Paper-1	0	1	Field Based Project	100	0	100
-	NMSDC : Employability Readiness		-	-	(choose any one) • Naandi • Unnati • Quest • Izpay • IBM Skills build	-	-	-
			30	25		275	525	800
	Total			140				4300

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	தமிழ்/பிறமொழிகள்	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	இக்கால இலக்கியம் (கவிதை, உரைநடை, நாடகம், புதினம், சிறுகதை)	25	75	100
4.	III	Core Theory	Paper-2	5	3	இலக்கணம் - 1 நன்னூல் (எழுத்ததிகாரம்)	25	75	100
5.	III	ALLIED – 1	Paper-1	6	3	தமிழக வரலாறும் பண்பாடும்	25	75	100
6.	III	PE	Paper-1	6	3	Professional English I	25	75	100
7.	IV	Environment Studies		2	2	சுற்றுச் சூழல் பிரிவுகள்	25	75	100
Sem. Total				36	22		175	525	700
SEMESTER II									
8.	I	Language	Paper-2	6	4	தமிழ்/பிறமொழிகள்	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	இக்கால இலக்கியம் (கவிதை, உரைநடை, நாடகம், புதினம், சிறுகதை)	25	75	100
11.	III	Core Theory	Paper-4	4	3	இலக்கணம் - 2 நன்னூல் (சொல்லதிகாரம்)	25	75	100
12.	III	ALLIED – 1	Paper-2	6	5	தமிழக வரலாறும் பண்பாடும்	25	75	100
13.	III	PE	Paper-1	6	3	Professional English II	25	75	100
14.	IV	Value Education		2	2	மதிப்புக் கல்வி	25	75	100
15.	IV	Soft Skill		2	1	Soft Skill	25	75	100
Sem. Total				36	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 III									
16.	I	Language	Paper-3	6	4	தமிழ்/பிறமொழிகள்	25	75	100
17.	II	English	Paper-3	6	4	ஆங்கிலம்	25	75	100

18.	III	Core Theory	Paper-5	3	3	இலக்கியம் 3 சமயப்பாடல்களும் சிற்றிலக்கியங்களும்	25	75	100
19.	III	Core Theory	Paper-6	3	3	இலக்கணம் - 3 யாப்பருங்கலக்காரிகை	25	75	100
20.	III	ALLIED - 2	Paper-3	7	3	தமிழ் இலக்கிய வரலாறு - 1	25	75	100
21.	IV	Skill based Subject	Paper-1	3	2	பயன்பாட்டுத் தமிழ்	25	75	100
22.	IV	Non-major elective	Paper-1	2	2	தமிழ்மொழி - அடிப்படை இலக்கணம்	25	75	100
Sem. Total				30	21		175	525	700
SEMESTER IV							CIA	Uni. Exam	Total
23.	I	Language	Paper-4	6	4	தமிழ்/பிறமொழிகள்	25	75	100
24.	II	English	Paper-4	6	4	ஆங்கிலம்	25	75	100
25.	III	Core Theory	Paper-7	4	3	இலக்கியம் 4 காப்பியங்கள்	25	75	100
26.	III	Core Theory	Paper-8	3	3	இலக்கணம் - 4தண்டியலங்காரம் (பொருளணியியல் மட்டும்)	25	75	100
27.	III	ALLIED - 2	Paper-4	7	5	தமிழ் இலக்கிய வரலாறு - 2	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-major elective	Paper-2	2	2	இணையம்	25	75	100
Sem. Total				30	23		175	525	700
SEMESTER V							CIA	Uni. Exam	Total
30.	III	Core Theory	Paper-9	6	5	சங்க இலக்கியம் (அகம்)	25	75	100
31.	III	Core Theory	Paper-10	6	5	இலக்கணம் 5 (அகம்)	25	75	100
32.	III	Core Theory	Paper-11	6	4	தமிழ்மொழி வரலாறு	25	75	100
33.	III	Core Theory	Paper-12	6	4	இலக்கியத் திறனாய்வு	25	75	100
34.	III	Internal Elective	Paper-1	4	3	(கீழ்க்கண்ட மூன்றில் ஏதேனும் ஒன்றைத் தெரிவுசெய்துகொள்ளலாம்) அ. தகவல் தொழில்நுட்பம் ஆ. நாட்டுப்புறவியல் இ. விளம்பரக்கலை	25	75	100
35.	IV	NMSDC : Marketing and Design Tools	Paper-3	2	2	Graphic Design	25	75	100
Sem. Total				30	23		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									
36.	III	Core Theory	Paper-13	5	4	சங்க இலக்கியம் (புறம்)	25	75	100
37.	III	Core Theory	Paper-14	6	4	இலக்கணம் 6 (புறம்)	25	75	100
38.	III	Core Theory	Paper-15	6	4	திராவிட மொழிகளின் ஒப்பிலக்கணம்	25	75	100

39.	III	Compulsory Project	Paper-16	5	5	Group / Individual Project	25	75	100
40.	III	Internal Elective	Paper-2	5	3	(கீழ்க்கண்ட மூன்றில் ஏதேனும் ஒன்றைத் தெரிவுசெய்துகொள்ளலாம்) அ. இதழியல் ஆ. புத்தகப் பதிப்பியல் இ. தமிழ் உரைநடை வரலாறு	25	75	100
41.	III	Internal Elective	Paper-3	5	3	(கீழ்க்கண்ட மூன்றில் ஏதேனும் ஒன்றைத் தெரிவுசெய்துகொள்ளலாம்) அ. தமிழர் அழகுக் கலைகள் ஆ. பெண்ணியம் இ. சுற்றுலாவியல்	25	75	100
42.	IV	Skill based Subject	Paper-4	3	2	தகவல் தொடர்பியல்	25	75	100
43.	V	Extension Activities		-	1	விரிவாக்கச் செயல்பாடுகள்	100	-	100
44.	-	NMSDC : Employability Readiness	-	-	-	(choose any one) • Naandi • Unnati • Quest • Izpay • IBM Skills build	-	-	-
Sem. Total				30	26		275	525	800
Grand Total					140				4300

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							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	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

SEMESTER III							CIA	Uni. Exam	Total
16.	III	Core Theory	Paper-5	5	4	Production and Materials Management	25	75	100
17.	III	Core Theory	Paper-6	5	4	Financial Accounting	25	75	100

18.	III	Core Theory	Paper-7	5	4	Human Resource Management	25	75	100
19.	III	Core Theory	Paper-8	4	4	Managerial Economics	25	75	100
20.	III	ALLIED-2	Paper-3	6	3	(to choose any 1 out of 3) A. Office Management B. Service Marketing C. Tourism Management	25	75	100
21.	IV	Skill based Subject	Paper-1	3	2	Business Communication	25	75	100
22.	IV	Non-major elective	Paper-1	2	2	Management Concepts	25	75	100
				30	23		175	525	700
SEMESTER IV							CIA	Uni. Exam	Total
23.	III	Core Theory	Paper-9	5	4	Organizational Behavior	25	75	100
24.	III	Core Theory	Paper-10	5	4	Taxation	25	75	100
25.	III	Core Theory	Paprr-11	5	4	Management Accounting	25	75	100
26.	III	Core Theory	Paper 12	4	4	Operations Research	25	75	100
27.	III	ALLIED-2	Paper-4	6	5	(to choose any 1 out of 3) A. Retail Management B. Project Management C. Hotel Management	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-major elective	Paper-2	2	2	Training and Development	25	75	100
				30	25		175	525	700
SEMESTER V							CIA	Uni. Exam	Total
30.	III	Core Theory	Paper-13	6	4	Marketing Management	25	75	100
31.	III	Core Theory	Paper-14	6	4	Business Law	25	75	100
32.	III	Core Theory	Paper-15	6	4	Research Methodology	25	75	100
33.	III	Core Theory	Paper-16	5	4	Computer Application in Business	25	75	100
34.	III	Elective	Paper-1	5	3	(To choose any 1 out of 3) A. Industrial Relations and Labour Laws B. Reward Management C. Change Management	25	75	100
35.	IV	NMSDC : Management and Market Strategies for Employability	Paper-3	2	2	Banking Financial Services	25	75	100
				30	21		150	450	600
SEMESTER VI							CIA	Uni. Exam	Total

36.	III	Core Theory	Paper-17	6	5	Strategic Management	25	75	100
37.	III	Core Theory	Paper-18	6	5	International Business	25	75	100
38.	III	Core	Paper-19	6	5	Individual Project *Viva-Voce ** Project Report	25*	75**	100
39.	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
40.	III	Elective	Paper-3	5	3	(to choose any 1 out of 3) A. Marketing Research B. Rural Marketing Management C. Advertising and Sales Management	25	75	100
41.	III	NMSDC : Digital Banking and Audit Essentials for Employability	Paper-4	2	2	Fintech Course	25	75	100
42.	V	Extension Activities		0	1	Extension Activities	100	0	100
		Total		30	24		150	450	700
					140				4200

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					CIA	Uni. Exam	Total
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					CIA	Uni. Exam	Total
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	Programming in JAVA	25	75	100
17.	III	Core Theory	Paper-4	4	E-Commerce	25	75	100
18.	III	Core Theory	Paper-5	5	Operations Research	25	75	100
19.	III	Core Practical	Practical-3	4	Programming in JAVA Lab	25	75	100
20.	III	ALLIED-2	Paper-3	7	Financial Accounting-I	25	75	100
21.	IV	Skill based Subject I	Paper-1	3	Web Technology	25	75	100

22.	IV	Non-Major Elective	Paper-1	2	Introduction to Information Technology	25	75	100
		Sem. Total		30		175	525	700

SEMESTER IV							CIA	Uni. Exam	Total
23.	III	Core Theory	Paper-6	5	4	Relational Database Management Systems	25	75	100
24.	III	Core Theory	Paper-7	5	4	Enterprise Resource Planning	25	75	100
25.	III	Core Theory	Paper-8	5	4	Wireless Data Communications	25	75	100
26.	III	Core Practical	Practical-4	4	3	RDBMS Lab	25	75	100
27.	III	ALLIED-2	Paper-4	7	5	Financial Accounting-II	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-Major Elective	Paper-2	2	2	Internet Technology	25	75	100
		Sem. Total		30	24		175	525	700

SEMESTER V							CIA	Uni. Exam	Total
30.	III	Core Theory	Paper-9	6	4	Mobile Applications Development	25	75	100
31.	III	Core Theory	Paper-10	6	4	Operating System	25	75	100
32.	III	Core Theory	Paper –11	4	2	Design and Analysis of Algorithms	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	Internal Elective I	Paper-1	3	3	(Choose any one) A. Data Mining B. Information Security C. Software Testing	25	75	100
36.	IV	NMSDC : Cloud and IT Essentials for Employability	Paper- 3	2	2	Foundation of AI/ML	25	75	100
		Sem. Total		30	21		175	525	700

SEMESTER VI							CIA	Uni. Exam	Total
.	III	Core Theory	Paper-12	5	4	Open Source Software	25	75	100
.	III	Core Theory	Paper-13	4	4	Python programming	25	75	100

.	III	Core Practical	Practical-7	4	2	Python programming Lab	25	75	100
.	III	Core Practical	Practical-8	4	2	Open Source Software - Lab	25	75	100
.	III	Core Project		5	5	Group/ Individual Project Work	25	75	100
.	III	Internal Elective II	Paper-2	3	3	(Choose any one) 1. Big Data Analytics 2. Cryptography 3. Digital Image Processing	25	75	100
.	III	Internal Elective III	Paper-3	3	3	(Choose any one) 1. Artificial Intelligence 2. System Software 3. Mobile Computing	25	75	100
.	III	NMSDC : Emerging Technology for Employability II	Paper-4	2	2	(Choose any one) • PBL Android App Development • Machine Learning	25	75	100
.	V	Extension Activities		0	1		100	0	100
		Sem. Total		30	26		300	600	900
					140				4500

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							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	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

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER III							CIA	Uni. Exam	Total
16.	III	Core Theory	Paper-5	6	5	Corporate Accounting I	25	75	100

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
17.	III	Core Theory	Paper-6	5	4	Legal Aspects of Business	25	75	100
18.	III	Core Theory	Paper-7	4	3	Business Correspondence	25	75	100
19.	III	Core Theory	Paper-8	4	3	Business Statistics and Operation Research	25	75	100
20.	III	ALLIED-2	Paper-3	6	3	Business EconomicsI	25	75	100
21.	IV	Skill based Subject	Paper-1	3	2	Computer Applications in Business	25	75	100
22.	IV	Non-major elective	Paper-1	2	2	General commercial Knowledge	25	75	100
				30	22		175	525	700
SEMESTER IV							CIA	Uni. Exam	Total
23.	III	Core Theory	Paper-9	5	4	Corporate AccountingII	25	75	100
24.	III	Core Theory	Paper-10	5	4	Business Management	25	75	100
25.	III	Core Theory	Paper-11	5	3	Company Law	25	75	100
26.	III	Core Theory	Paper-12	4	3	Modern banking	25	75	100
27.	III	ALLIED-2	Paper-4	6	5	Business Economics II	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-major elective	Paper-2	2	2	Advertising and Salesmanship	25	75	100
				30	23		175	525	700
SEMESTER V							CIA	Uni. Exam	Total
30.	III	Core Theory	Paper-13	6	4	Cost accounting I	25	75	100
31.	III	Core Theory	Paper-14	6	4	Practical Auditing	25	75	100
32.	III	Core Theory	Paper-15	6	5	Management Accounting	25	75	100
33.	III	Core Theory	Paper-16	6	4	Income Tax Law and Practice I	25	75	100
34.	III	Elective	Paper-1	4	3	(to choose 1 out of 3) 1. Entrepreneurial Development 2. Business Environment 3. Management Information System	25	75	100
35.	IV	NMSDC : Accounting and trading Essentials for Employability	Paper-3	2	2	Freight Forwarding	25	75	100
				30	22		150	450	600
SEMESTER VI							CIA	Uni. Exam	Total
36.	III	Core Theory	Paper-17	5	4	Cost accounting II	25	75	100
37.	III	Core Theory	Paper-18	5	4	Income Tax law and practice II	25	75	100
38.	III	Core Theory	Paper-19	5	4	Financial management	25	75	100
39.	III	Compulsory Project	Paper-20	5	5	Individual / Group Project	25	75	100
40.	III	Elective	Paper-2	4	3	(To choose one out of 3) 1. Innovation management	25	75	100

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
						2. Logistics management 3. Service Marketing			
41.	III	Elective	Paper-3	4	3	(To choose one out of 3) 1. Customs and GST 2. Investment Management 3. Financial services	25	75	100
42.	III	NMSDC : Digital Banking and Audit Essentials for Employability	Paper-4	2	2	Fintech Course	25	75	100
43.	V	Extension Activities		-	1		100	-	100
				30	26		275	525	800
		TOTAL			140				4300

THIRUVALLUVAR UNIVERSITY
BACHELOR OF ARTS
B.COM. (COMPUTER APPLICATIONS)
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 Applications & Accounting Software	25	75	100
5.	III	ALLIED -1	Paper-1	6	3	(To choose one out of 3) 1. Indian Economy – I 2. Business Statistics – I 3 . Consumer Protection and Consumer Rights	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							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	Financial Accounting – II	25	75	100
11.	III	Core Practical	Practical-1	5	3	Software & Tally Lab	25	75	100
12.	III	ALLIED-1	Paper-2	6	5	(To choose one out of 3) 1. Indian Economy – II 2. Logistic Management 3. Business Statistics – II	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
SEMESTER III							CIA	Uni. Exam	Total
16.	III	Core Theory	Paper-4	6	4	Corporate Accounting - I	25	75	100

S.NO	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
17.	III	Core Theory	Paper-5	5	4	Business Law	25	75	100
18.	III	Core Theory	Paper-6	4	3	Banking Theory, Law & Practice	25	75	100
19.	III	Core	Paper-7	5	4	Management Information Systems (MIS)	25	75	100
20.	III	ALLIED-2	Paper-3	6	3	Merchant Banking	25	75	100
21.	IV	Skill based Subject	Paper-1	2	2	Elements of Insurance	25	75	100
22.	IV	Non-Major Elective	Paper-1	2	2	Elements of Accountancy	25	75	100
				30	22		175	525	700
SEMESTER IV									
23.	III	Core Theory	Paper-8	6	4	Corporate Accounting - II	25	75	100
24.	III	Core Theory	Paper-9	5	4	Principles of Marketing	25	75	100
25.	III	Core Theory	Paper-10	5	4	RDBMS	25	75	100
26.	III	Core Practical	Paper-2	4	3	RDBMS Lab	25	75	100
27.	III	ALLIED-2	Paper-4	6	5	E-Commerce & Its Applications	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-Major Elective	Paper-2	2	2	Advertising and Salesmanship	25	75	100
				30	24		175	525	700
SEMESTER V									
30.	III	Core Theory	Paper-11	6	4	Cost Accounting - I	25	75	100
31.	III	Core Theory	Paper-12	6	4	Management Accounting	25	75	100
32.	III	Core Theory	Paper-13	6	4	Business Management	25	75	100
33.	III	Core Theory	Paper-14	6	4	Internet & Its Applications	25	75	100
34.	III	Internal Elective	Paper-1	4	3	(To choose one out of 3) 1. Entrepreneurial Development 2. Practical Auditing 3. Income Tax Law & Practice - I	25	75	100
35.	IV	NMSDC : Accounting and trading Essentials for Employability	Paper-3	2	2	Freight Forwarding	25	75	100
				30	21		150	450	600
SEMESTER VI									

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THIRUVALLUVAR UNIVERSITY
BACHELOR OF ARTS
B.Com. (CORPORATE SECRETARYSHIP)
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 Management	25	75	100
5.	III	ALLIED -1	Paper-1	6	3	(to choose 1 out of 4) 9. Managerial Economics I 10. Corporate E-Management I 11. Principles of Marketing 12. Elements of insurance	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							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	Financial Accounting II	25	75	100
11.	III	Core Theory	Paper-4	5	3	Human Resource Management	25	75	100
12.	III	ALLIED-1	Paper-2	6	5	(to choose 1 out of 4) 1. Managerial Economics II 2. Corporate E-Management II 3. Office Management 4. Fundamentals of Information Technology	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

S.NO.	Part	Study Components		Ins.	Credit	Title of the Paper	Maximum Marks		
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		Course Title	hrs /week			CIA	Uni. Exam	Total	
SEMESTER III							CIA	Uni. Exam	Total
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-5	3	3	Company law and Secretarial Practice I	25	75	100
19.	III	Core Theory	Paper-6	3	3	Corporate Accounting I	25	75	100
20.	III	ALLIED-2	Paper-3	7	3	(to choose 1 out of 4) 1. Statistics I 2. Introduction to Tally Accounting 3. Corporate Finance 4. International Trade	25	75	100
21.	IV	Skill based Subject	Paper-1	3	2	Computer application in Business	25	75	100
22.	IV	Non-major elective	Paper-1	2	2	Services Marketing	25	75	100
				30	21		175	525	700
SEMESTER IV							CIA	Uni. Exam	Total
23.	I	Language	Paper-4	6	4	Tamil/Other Languages	25	75	100
24.	II	English	Paper-4	6	4	English	25	75	100
25.	III	Core Theory	Paper-7	3	3	Company law and Secretarial Practice II	25	75	100
26.	III	Core Theory	Paper-8	3	3	Corporate Accounting II	25	75	100
27.	III	ALLIED-2	Paper-4	7	5	(to choose 1 out of 4) 1. Statistics II 2. Business Mathematics 3. Investment Management 4. Organizational Behaviour	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-major elective	Paper-2	2	2	Project Management	25	75	100
				30	23		175	525	700
SEMESTER V							CIA	Uni. Exam	Total
30.	III	Core Theory	Paper-9	6	4	Cost Accounting	25	75	100
31.	III	Core Theory	Paper-10	6	4	Financial Services	25	75	100
32.	III	Core Theory	Paper-11	6	4	Income Tax Law and Practice I	25	75	100
33.	III	Core Theory	Paper-12	6	4	Commercial Law	25	75	100
34.	III	Internal Elective	Paper-1	4	3	[to choose 1 out of 3] 5. Entrepreneurial Development 6. Industrial Relation 7. Corporate Legal Framework	25	75	100
35.	IV	NMSDC : Accounting and trading Essentials for Employability	Paper-3	2	2	Freight Forwarding	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	21		150	450	600
SEMESTER VI							CIA	Uni. Exam	Total
36.	III	Core Theory	Paper-13	6	5	Management Accounting	25	75	100
37.	III	Core Theory	Paper-14	6	5	Auditing	25	75	100
38.	III	Core Theory	Paper-15	6	4	Income Tax Law and Practice II	25	75	100
39.	III	Compulsory Project	Paper-16	5	5	Group / Individual Project	25	75	100
40.	III	Internal Elective	Paper-2	3	3	[to choose 1 out of 3] 4. Corporate Communication 5. Banking Theory and Practice 6. Financial Management	25	75	100
41.	III	Internal Elective	Paper-3	3	3	[to choose 1 out of 3] 5. Marketing Management 6. Corporate Social Responsibility 7. Corporate Governance in India	25	75	100
42.	III	NMSDC : Digital Banking and Audit Essentials for Employability	Paper-4	2	2	Fintech Course	25	75	100
43.	V	Extension Activities		-	1		100	-	100
				30	28		275	525	800
TOTAL					140				4300

THIRUVALLUVAR UNIVERSITY

BACHELOR OF ARTS

B.COM. (FINANCE AND ACCOUNTS)

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	Financial Services	25	75	100
5.	III	ALLIED -1	Paper-1	6	3	(to choose 1 out of 3) 1. Indian Economy 2. Business Communication 3. Logistics Management	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							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	Financial Accounting –II	25	75	100
11.	III	Core Theory	Paper-4	5	3	Merchant Banking	25	75	100
12.	III	ALLIED-1	Paper-2	6	5	(to choose 1 out of 3) 4. Business Economics 5. Business Mathematics 6. Office Management	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

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER III							CIA	Uni. Exam	Total
16.	I	Core Theory	Paper-5	6	4	Corporate Accounting I	25	75	100
17.	II	Core Theory	Paper-6	5	4	Legal Aspects of Business	25	75	100
18.	III	Core Theory	Paper-7	4	4	Financial Management	25	75	100
19.	III	Core Theory	Paper-8	4	3	Investment Management	25	75	100
20.	III	ALLIED-2	Paper-3	6	3	Business Statistics	25	75	100
21.	IV	Skill based Subject	Paper-1	3	2	Computer Applications in Business	25	75	100
22.	IV	Non-major elective	Paper-1	2	2	General commercial Knowledge	25	75	100
				30	22		175	525	700
SEMESTER IV							CIA	Uni. Exam	Total
23.	I	Core Theory	Paper-9	6	4	Corporate Accounting II	25	75	100
24.	II	Core Theory	Paper-10	5	4	Modern banking	25	75	100
25.	III	Core Theory	Paper-11	4	3	Accounting Standards	25	75	100
26.	III	Core Theory	Paper-12	4	3	Portfolio Management	25	75	100
27.	III	ALLIED-2	Paper-4	6	5	Operations Research	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-major elective	Paper-2	2	2	Principles of Accountancy	25	75	100
				30	23		175	525	700
SEMESTER V							CIA	Uni. Exam	Total
30.	III	Core Theory	Paper-13	6	4	Cost accounting I	25	75	100
31.	III	Core Theory	Paper-14	6	4	Management Accounting	25	75	100
32.	III	Core Theory	Paper-15	6	5	Income Tax Law and Practice I	25	75	100
33.	III	Core Theory	Paper-16	5	4	Computerised Accounting	25	75	100
34.	III	Elective	Paper-1	5	3	(to choose 1 out of 3) 1. Management Information System 2. Business Management 3. Human Resource Management	25	75	100
35.	IV	NMSDC : Accounting and trading Essentials for Employability	Paper-3	2	2	Freight Forwarding	25	75	100
				30	22		150	450	600
SEMESTER VI							CIA	Uni. Exam	Total
36.	III	Core Theory	Paper-17	5	4	Cost accounting II	25	75	100
37.	III	Core Theory	Paper-18	5	4	Working Capital Management	25	75	100
38.	III	Core Theory	Paper-19	5	4	Income Tax law and practice II	25	75	100
39.	III	Compulsory Project	Paper-20	5	5	Individual / Group Project	25	75	100
40.	III	Elective	Paper-2	4	3	(To choose one out of 3) 1. Practical Auditing 2. Inventory management	25	75	100

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
						3. Entrepreneurial Development			
41.	III	Elective	Paper-3	4	3	(To choose one out of 3) 1. Financial Institutions and Markets 2. Marketing Management 3. Business Environment	25	75	100
42.	III	NMSDC : Digital Banking and Audit Essentials for Employability	Paper-4	2	2	Fintech Course	25	75	100
43.	V	Extension Activities		-	1		100	-	100
				30	26		275	525	800
TOTAL					140				4300

THIRUVALLUVAR UNIVERSITY

BACHELOR OF ARTS

BACHELOR OF SOCIAL WORK (BSW) 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	Introduction to Social Work	25	75	100
4.	III	Core Theory	Paper-2	5	3	Indian Social problems	25	75	100
5.	III	ALLIED -1	Paper-1	6	3	Sociology for Social Work Practice	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							CIA	Uni. Exam	Total
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	Psychology for Social Work	25	75	100

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
						Practice			
11.	III	Core Theory	Paper-4	4	3	Social Work with Individuals	25	75	100
12.	III	ALLIED-1	Paper-2	6	5	Fundamentals of Nutrition	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
SEMESTER III							CIA	Uni. Exam	Total
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-5	4	4	Social Legislations	25	75	100
19.	III	Core Theory	Paper-6	4	4	Social Work practice with Groups	25	75	100
20.	III	Allied	Paper-2	6	3	Women and Development	25	75	100
21.	IV	Skill Based Subject	Paper-1	2	2	Disaster Management	25	75	100
22.	IV	Non-Major Elective	Paper-1	2	2	Professional Skill Development	25	75	100
				30	23		175	525	700
SEMESTER IV									
23.	I	Language	Paper-4	6	4	Tamil/Other Languages	25	75	100
24.	II	English	Paper-4	6	4	English	25	75	100
25.	III	Core Practical	Practical-1	4	3	Concurrent Field Wok- I	40	60	100
26.	III	Core Theory	Paper-7	4	3	Social Work in Hospitals	25	75	100
27.	III	Core Theory	Paper-8	4	3	Social Work practice with	25	75	100

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
						Communities			
28.	III	Allied	Paper-2	6	5	Demography and Population Dynamics	25	75	100
29.	IV	NMSDC : Digital Skills for Employability	Skill-2	2	2	Office Fundamentals	25	75	100
30.	IV	Non Major Elective	Paper-2	3	2	Basic Skills in Counselling	25	75	100
				35	26		215	585	800
SEMESTER V							CIA	Uni. Exam	Total
31.	III	Core Theory	Paper-9	6	4	Fundamentals of Social Work Research	25	75	100
32.	III	Core Theory	Paper-10	6	4	Social Welfare Administration	25	75	100
33.	III	Core Theory	Paper-11	6	4	Entrepreneurship Development	25	75	100
34.	III	Core Theory	Paper-12	6	3	Family and Child Welfare	25	75	100
35.	III	Internal Elective	Paper-1	4	3	Development Communication	25	75	100
36.	IV	NMSDC : Marketing and Design Tools	Paper-3	2	2	Story Telling	25	75	100
				30	20		150	450	600
SEMESTER VI							CIA	Uni. Exam	Total
37.	III	Core Theory	Paper-13	6	3	Social Work in Industries	25	75	100
38.	III	Core Theory	Paper-14	5	3	Correctional Social Work	25	75	100
39.	III	Core Practical	Practical-2	5	4	Concurrent Field Work - II	40	60	100
40.	III	Compulsory	Project	5	5	Compulsory-Project	25	75	100

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THIRUVALLUVAR UNIVERSITY

**BACHELOR OF SCIENCE
B.Sc. BIOCHEMISTRY
UNDER CBCS**

(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	Cell biology	25	75	100
	III	Core Practical	Practical-1	4	0	Titrimetric and Qualitative analysis	0	0	0
4.	III	Allied -1	Paper-1	4	3	Chemistry I	25	75	100
	III	Allied- 1	Practical-1	2	0	Chemistry I & II	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					CIA	Uni. Exam	Total
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	Biomolecules	25	75	100
10.	III	Core Practical	Practical-1	3	2	Titrimetric and Qualitative analysis	25	75	100
11.	III	Allied-1	Paper-2	4	3	Chemistry II	25	75	100
12.	III	Allied Practical - 1	Practical-1	2	2	Chemistry I & 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		225	675	900

S.NO	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title							
SEMESTER III							CIA	Uni. Exam	Total
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	4	4	Analytical Biochemistry	25	75	100
	III	Core Practical	Practical-2	3	0	1. Colorimetry 2. Biochemical Preparation 3. Chromatographic Separation 4. Electrophoretic Technique	0	0	0
19.	III	ALLIED-2	Paper-3	4	3	(To choose 1 out of 2) 1. Microbiology I 2. Zoology I	25	75	100
	III	Allied Practical	Practical-2	3	0		0	0	0
20.	IV	Skill based Subject	Paper-1	2	2	First Aid	25	75	100
21.	IV	Non-major elective	Paper-1	2	2	Food & Nutrition	25	75	100
				30	19		150	450	600
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	4	4	Plant Biochemistry	25	75	100
25.	III	Core Practical	Practical-2	3	3	1. Colorimetry 2. Biochemical Preparation 3. Chromatographic Separation 4. Electrophoretic Technique	25	75	100
26.	III	ALLIED-2	Paper-4	4	3	(To choose 1 out of 2) 1. Microbiology II 2. Zoology II	25	75	100
27.	III	Allied Practical-2	Practical-2	3	2		25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-major elective	Paper-2	2	2	Life style diseases and prevention	25	75	100
				30	24		200	600	800
SEMESTER V							CIA	Uni. Exam	Total
30.	III	Core Theory	Paper-5	6	6	Enzymes and Intermediary Metabolism	25	75	100
31.	III	Core Theory	Paper-6	6	6	Molecular Biology	25	75	100
32.	III	Core Theory	Paper-7	6	5	Physiology and Nutrition	25	75	100
	III	Core Practical	Practical-3	4	0	1. Colorimetric Estimations 2. Enzyme Assay	0	0	0
	III	Core Practical	Practical-4	3	0	1. Hematology	0	0	0

S.NO	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title							
						2. Microbiology			
						3. Urine Analysis			
33.	III	Internal Elective	Paper-1	3	3	Medical Lab Technology	25	75	100
34.	IV	NMSDC : Advanced Technology for Employability in Life Science	Paper-3	2	2	International Regulatory Requirement in Good Manufacturing Practices	25	75	100
				30	22		125	375	500
SEMESTER VI							CIA	Uni. Exam	Total
35.	III	Core Theory	Paper-8	5	5	Clinical Biochemistry	25	75	100
36.	III	Core Theory	Paper-9	5	5	Biotechnology	25	75	100
37.	III	Core Practical	Practical-3	3	3	3. Colorimetric Estimations 4. Enzyme Assay	25	75	100
38.	III	Core Practical	Practical-4	3	3	1. Hematology 2. Microbiology 3. Urine Analysis	25	75	100
39.	III	Core Project		5	5	(Individual / Group Project)	25	75	100
40.	III	Internal Elective	Paper-2	3	3	Immunology	25	75	100
41.	III	Internal Elective	Paper-3	3	3	Pharmaceutical Biochemistry	25	75	100
42.	IV	Skill based Subject	Paper-4	3	2	Research Methodology	25	75	100
43.	V	Extension Activities		-	1		100	0	100
44.	-	NMSDC : Employability Readiness		-	-	(choose any one) • Naandi • Unnati • Quest • Izpay • IBM Skills build	-	-	-
				30	30		300	600	900
					140				4300

THIRUVALLUVAR UNIVERSITY

BACHELOR OF SCIENCE B.Sc. BIOTECHNOLOGY UNDER CBCS

(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							
		SEMESTER I					CIA	Uni. Exam	Total
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	Cell Biology & Evolution	25	75	100
	III	Core Practical	Practical-1	4	0	Lab in Cell Biology & Evolution	0	0	0
4.	III	Allied -1	Paper-1	4	3	Biodiversity	25	75	100
	III	Allied- 1	Practical-1	2	0	Lab in Biodiversity	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					CIA	Uni. Exam	Total
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	Biochemistry	25	75	100
10.	III	Core Practical	Practical-1	3	2	Lab in Cell Biology & Evolution and Biochemistry	25	75	100
11.	III	Allied-1	Paper-2	4	3	Food & Nutrition	25	75	100
12.	III	Allied Practical - 1	Practical-1	2	2	Lab in Biodiversity and Food & Nutrition	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		225	675	900
		SEMESTER III					CIA	Uni. Exam	Total
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	4	4	Microbiology	25	75	100
		Core practical	Practical - 2	3	0	Lab in Microbiology	0	0	0
19.	III	Allied-2	Paper-3	4	3	Biostatistics & Computer Applications	25	75	100
		AlliedPractical - 2	Practical-2	3	0	Lab in Biostatistics & Computer Applications	0	0	0
20.	IV	Skill Based Subject	Paper-1	2	2	Organic Farming	25	75	100
21.	IV	Non-Major Elective	Paper-1	2	2	Herbal Medicine	25	75	100
		Sem. Total		30	19		150	450	600
		SEMESTER IV							

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	4	4	Immunology	25	75	100
25.	III	Core Practical	Practical-2	3	3	Lab in Microbiology and Immunology	25	75	100
26.	III	Allied-2	Paper-4	4	3	Molecular Genetics	25	75	100
27.	III	Allied Practical - 2	Practical-2	3	2	Lab in Biostatistics & Computer Applications and Molecular Genetics	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-Major Elective	Paper-2	2	2	Applied Biotechnology	25	75	100
		Sem. Total		30	24		200	600	800
		SEMESTER V							
30.	III	Core Theory	Paper-5	6	6	Genetic Engineering	25	75	100
	III	Core Practical	Practical-3	3	0	Lab in genetic Engineering	0	0	0
31.	III	Core Theory	Paper-6	6	6	Industrial Biotechnology	25	75	100
		Core Practical	Practical-4	3	0	Lab in Industrial Biotechnology	0	0	0
32.	III	Core Theory	Paper-7	6	5	Bioinformatics	25	75	100
33.	III	Internal Elective	Paper-1	4	3	(to choose 1 out of 3) A. Biofertilizer Technology B. Public Health & Hygiene C. Enzyme technology	25	75	100
34.	IV	NMSDC : Advanced Technology for Employability in Life Science	Paper-3	2	2	PCR Technology	25	75	100
		Sem. Total		30	22		125	325	500
		SEMESTER VI							
35.	III	Core Theory	Paper-8	6	5	Plant & Animal Biotechnology	25	75	100
36.	III	Core Theory	Paper-9	5	5	Environmental Biotechnology	25	75	100
37.	III	Core Practical	Practical-3	3	3	Lab in genetic Engineering and Plant & Animal Biotechnology	25	75	100
38.	III	Core Practical	Practical-4	3	3	Lab in Industrial Biotechnology and Environmental Biotechnology	25	75	100
39.	III	Compulsory Project	Paper-10	5	5	Individual / Group Project	25	75	100
40.	III	Internal Elective	Paper-2	3	3	(to choose 1 out of 3) A. Forensic Science B. Sericulture C. Entrepreneurship	25	75	100
41.	III	Internal Elective	Paper-3	3	3	(to choose 1 out of 3) A. Biosafety, Bioethics & IPR B. Pharmaceutical Biotechnology C. Horticulture and Landscaping	25	75	100
42.	III	NMSDC : Medical Coding for Employability	Paper-4	2	2	Medical Coding	25	75	100
43.	V	Extension Activities		0	1		100	0	100

		Sem. Total		30	30		300		900
		Grand Total			140				4300

THIRUVALLUVAR UNIVERSITY

BACHELOR OF SCIENCE

B.Sc., BOTANY

UNDER CBCS

(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	Phycology and Mycology	25	75	100
	III	Core Practical	Practical-1	4	0		0	0	0
4.	III	Allied -1	Paper-1	4	3	Zoology I	25	75	100
	III	Allied- 1	Practical-1	2	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					CIA	Uni. Exam	Total
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	Microbiology, Lichens, Bryology and Plant Pathology	25	75	100
10.	III	Core Practical	Practical-1	3	2	Covering Papers 1 and 2	25	75	100
11.	III	Allied-1	Paper-2	4	3	Zoology II	25	75	100
12.	III	Allied Practical - 1	Practical-1	2	2	Zoology	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		225	675	900

S.NO	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title							
SEMESTER III							CIA	Uni. Exam	Total
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	4	5	Pteridology, Gymnosperms and Paleobotany	25	75	100
	III	Core Practical	Practical-2	3	0		0	0	0
19.	III	ALLIED-2	Paper-3	4	3	Chemistry I	25	75	100
	III	Allied Practical	Practical-2	3	0		0	0	0
20.	IV	Skill based Subject	Paper-1	2	2	Horticulture	25	75	100
21.	IV	Non-major elective	Paper-1	2	2	Medicinal Botany	25	75	100
				30	20		150	450	600
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	4	5	Plant Cell Biology	25	75	100
25.	III	Core Practical	Practical-2	3	3	Covering Papers 3 and 4	25	75	100
26.	III	ALLIED-2	Paper-4	4	3	Chemistry II	25	75	100
27.	III	Allied Practical-2	Practical-2	3	2		25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-4	3	2	Office Fundamentals	25	75	100
29.	IV	Non-major elective	Paper-2	2	2	Horticulture	25	75	100
				30	25		200	600	800
SEMESTER V							CIA	Uni. Exam	Total
30.	III	Core Theory	Paper-5	6	5	Anatomy and Embryology of Angiosperms	25	75	100
31.	III	Core Theory	Paper-6	6	5	Morphology and Taxonomy of Angiosperms & Economic Botany	25	75	100
32.	III	Core Theory	Paper-7	6	5	Genetics, Plant Breeding, Evolution and Biostatistics	25	75	100
	III	Core Practical	Practical-3	3	0		0	0	0
	III	Core Practical	Practical-4	3	0		0	0	0
33.	III	Internal Elective	Paper-1	4	3	A. Tissue Culture B. Mass Cultivation of Algae C. Bio safety and Bioethics	25	75	100
34.	IV	NMSDC : Advanced Technology for Employability in Life Science	Paper-3	2	2	Food Science and Food Technology	25	75	100
				30	20		125	375	500
SEMESTER VI							CIA	Uni. Exam	Total
35.	III	Core Theory	Paper-8	6	5	Plant Physiology and Plant Biochemistry	25	75	100

36.	III	Core Theory	Paper-9	5	5	Ecology, Phytogeography and Toxicology	25	75	100
37.	III	Core Practical	Practical-3	3	3	Covering Papers 5, 6 & 7	25	75	100
38.	III	Core Practical	Practical-4	3	3	Covering Papers 8 & 9	25	75	100
39.	III	Core Project	Project – 1	5	5	(Individual / Group Project)	25	75	100
40.	III	Internal Elective	Paper-2	3	3	(to choose one out of 3) A. Plant Biotechnology B. Bio fertilizers C. Postharvest Technology	25	75	100
41.	III	Internal Elective	Paper-3	3	3	(to choose one out of 3) A. Fermentation Technology B. Computer Application in Botany C. Forestry	25	75	100
42.	III	NMSDC : Medical Coding for Employability	Paper-4	2	2	Medical Coding	25	75	100
43.	V	Extension Activities		-	1		100	0	100
				30	30		300	600	900
					140				4300

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					CIA	Uni. Exam	Total
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

S.NO.	Part	Study Components	Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title						

SEMESTER III							CIA	Uni. Exam	Total
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	4	4	General Chemistry - III	25	75	100
	III	Core Practical	Practical-2	3	0	Inorganic Qualitative Analysis & Preparations	0	0	0
19.	III	ALLIED-2	Paper-3	4	3	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
20.	IV	Skill Based Subject	Paper-1	2	2	Water Treatment and Analysis	25	75	100
21.	IV	Non-Major Elective	Paper-1	2	2	Medicinal Chemistry	25	75	100
				30	19		150	450	600
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	4	4	General Chemistry - IV	25	75	100
25.	III	Core Practical	Practical-2	3	3	Inorganic Qualitative Analysis & Preparations	25	75	100
26.	III	Allied-2	Paper-4	4	3	Any one from 1. Physics -II 2. Botany -II 3. Zoology -II 4. Biochemistry - II 5. Mathematics - II*	25	75	100
27.	III	Allied Practical	Practical-2	3	2	Allied practical-II	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-Major Elective	Paper-2	2	2	Chemistry in Every Day Life	25	75	100
				30	24		200	600	800

S.NO.	Part	Study Components	Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title						
SEMESTER V						CIA	Uni. Exam	Total

30.	III	Core Theory	Paper-5	6	5	Inorganic Chemistry - I	25	75	100
	III	Core Practical	Practical-3	3	0	Gravimetric Estimation	0	0	0
31.	III	Core Theory	Paper-6	6	5	Organic Chemistry - I	25	75	100
	III	Core Practical	Practical-4	3	0	Organic qualitative Analysis and Preparations	0	0	0
32.	III	Core Theory	Paper-7	6	4	Physical Chemistry - I	25	75	100
33.	III	Internal Elective	Paper-1	4	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
34.	IV	NMSDC : Advanced Technology for Employability in Life Science	Paper-3	2	2	International Regulatory Requirement in Good Manufacturing Practices	25	75	100
				30	19		150	450	600
SEMESTER VI							CIA	Uni. Exam	Total
35.	III	Core Theory	Paper-8	6	4	Inorganic Chemistry - II	25	75	100
36.	III	Core Theory	Paper-9	6	4	Organic Chemistry - II	25	75	100
37.	III	Core Theory	Paper-10	6	4	Physical Chemistry - II	25	75	100
38.		Compulsory Project		0	5		25	75	100
39.	III	Core Practical-3	Practical-3	0	2	Gravimetric Estimation	25	75	100
40.	III	Core Practical-4	Practical-4	0	2	Organic qualitative Analysis and Preparations	25	75	100
41.	III	Core Practical-5	Practical-5	3	3	Physical Chemistry Experiments	25	75	100
42.	III	Internal Elective	Paper-2	3	3	Any one from A. Analytical Chemistry-II B. Textile Chemistry C. Nano Chemistry	25	75	100
43.	III	Internal Elective	Paper-3	3	3	Any one from A. Pharmaceutical Chemistry B. Polymer Chemistry C. Green Chemistry	25	75	100
44.	III	Skill based Subject	Paper-4	3	2	Agriculture and Leather Chemistry	25	75	100
45.	IV	Extension Activities		0	1		100	0	100

46.	-	NMSDC : Employability Readiness		30	33	(choose any one) • Naandi • Unnati • Quest • Izpay • IBM Skills build	-	-	-
		TOTAL		30	33		350	750	1100

THIRUVALLUVARUNIVERSITY

B.Sc. COMPUTER SCIENCE

CBCS PATTERN

(With effect from 2020-2021)

[illegible]

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/ OtherLanguages	25	75	100
17.	II	English	Paper-3	6	4	English	25	75	100
18.	III	Core Theory	Paper-3	3	3	Programming in JAVA	25	75	100
19.	III	Core Practical	Practical-3	3	3	Programming in JAVA Lab	25	75	100
20.	III	Allied II	Paper-3	4	3	(Choose any one) 1. Physics I 2. Statistical Methods and Their Applications I	25	75	100
	III	Allied II	Practical	3	0	Physics/Statistics Practical	0	0	0
21.	IV	Skill Based Subject	Paper-1	3	2	Digital Logic Design and Computer Organization	25	75	100
22.	IV	Non-Major Elective	Paper-1	2	2	Introduction to Information Technology	25	75	100
		Sem. Total		30	21		175	525	700
SEMESTER IV									
23.	I	Language	Paper-4	6	4	Tamil/Other Languages	25	75	100
24.	II	English	Paper-4	6	4	English	25	75	100
25.	III	Core Theory	Paper-4	4	3	Relational Database Management Systems	25	75	100
26.	III	Core Practical	Practical-4	3	3	RDBMS Lab	25	75	100
27.	III	Allied II	Paper-4	4	3	(to choose any one) 1. Physics II 2. Statistical Methods and their Applications II	25	75	100
28.	III	Allied II	Practical	3	2	Physics/Statistics Practical	25	75	100
29.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
30.	IV	Non-Major Elective	Paper-2	2	2	Internet Technology	25	75	100

		Sem. Total		30	23		200	600	800
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S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
SEMESTER V									
31.	III	Core Theory	Paper-5	6	4	Mobile Application Development	25	75	100
32.	III	Core Theory	Paper-6	6	4	Operating System	25	75	100
33.	III	Core Theory	Paper–7	5	3	Design and Analysis of Algorithms	25	75	100
34.	III	Core Practical	Practical-5	4	3	Mobile Applications Development-Lab	25	75	100
35.	III	Core Practical	Practical-6	4	3	Operating System-Lab	25	75	100
36.	III	Internal Elective	Paper-1	3	3	(to choose any one) 1. Data Mining 2. Information Security 3. Software Testing	25	75	100
37.	IV	NMSDC : Cloud and IT Essentials for Employability	Paper-3	2	2	Foundation of AI/ML	25	75	100
				30	22		175	525	700
SEMESTER VI									
38.	III	Core Theory	Paper-8	5	4	Open Source Software	25	75	100
39.	III	Core Theory	Paper-9	4	4	Python Programming	25	75	100
40.	III	Core Practical	Practical-7	4	3	Python Programming Lab	25	75	100
41.	III	Core Practical	Practical-8	4	2	Open Source Programming Lab	25	75	100
42.	III	Project		5	5	Project Work (Group/Individual Project)	25	75	100
43.	III	Internal Elective	Paper - 2	3	3	(to choose any one) 1. Big Data Analytics 2. Cryptography 3. Digital Image Processing	25	75	100
44.	III	Internal Elective	Paper - 3	3	3	(to choose any one) 1. Artificial Intelligence 2. System Software 3. Cloud Computing	25	75	100

45.	III	NMSDC : Emerging Technology for Employability II	Paper - 4	2	2	(Choose any one) • PBL Android App Development • Machine Learning	25	75	100
46.	V	Extension Activities		0	1		100	0	100
		Sem. Total		30	27		300	600	900
					140				4600

THIRUVALLUVAR UNIVERSITY

BACHELOR OF SCIENCE

B.Sc., ELECTRONICS SCIENCE

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							
		SEMESTER I					CIA	Uni. Exam	Total
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	Fundamentals of Electricity and Electronics	25	75	100
	III	Core Practical	Practical-1	4	0		0	0	0
4.	III	Allied -1	Paper-1	6	3	Basic Mathematics I	25	75	100
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					CIA	Uni.	Total

								Exam	
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	Electromagnetism and AC Circuits	25	75	100
10.	III	Core Practical	Practical-1	3	2		25	75	100
11.	III	Allied-1	Paper-2	4	3	Basic Mathematics II	25	75	100
12.	III	PE	Paper 1	6	3	Professional English II	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
		Sem. Total		36	25		225	675	900
		SEMESTER III							
15.	III	Core Theory	Paper-3	5	4	Physics of Materials	25	75	100
16.	III	Core Theory	Paper-4	5	4	Analog Electronics	25	75	100
17.	III	Core Theory	Paper-5	5	4	Programming in C	25	75	100
	III	Core Practical	Practical - 2	3	0	A. Computer Programming B. Electronics Experiments	0	0	0
18.	III	ALLIED-2	Paper-3	7	3	Basic Physics I	25	75	100
19.	IV	Skill based Subject	Paper-1	3	2	Computer Oriented Office Automation	25	75	100
20.	IV	Non-major elective	Paper-1	2	2	Basic Electronics	25	75	100
				30	19		150	450	600
		SEMESTER IV							
21.	III	Core Theory	Paper-6	5	4	Semiconductor Devices and IC Fabrication Technology	25	75	100

22.	III	Core Theory	Paper-7	5	4	Electronic Communication Systems	25	75	100
23.	III	Core Theory	Paper-8	5	4	Digital Electronics	25	75	100
24.	III	Core Practical	Practical - 2	3	3	A. Computer Programming B. Electronics Experiments	25	75	100
25.	III	ALLIED-2	Paper-4	7	5	Basic Physics II	25	75	100
26.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
27.	IV	Non-major elective	Paper-2	2	2	Fundamentals of Electronic Communication	25	75	100
				30	24		175	525	700
		SEMESTER V							
28.	III	Core Theory	Paper-9	6	6	Microprocessor and its Applications	25	75	100
29.	III	Core Theory	Paper-10	6	6	Cellular Mobile Communication	25	75	100
30.	III	Core Theory	Paper-11	6	5	Electrical and Electronic Instrumentation	25	75	100
	III	Core Practical	Practical - 3	3	0		0	0	0
	III	Core Practical	Practical - 4	3	0		0	0	0
31.	III	Elective	Paper-1	4	3	(to choose any 1 out of 3) A. Medical Electronics B. Industrial Electronics C. Data Processing and Personal Computers	25	75	100
32.	IV	NMSDC : Technical Skills for Employability	Paper-3	2	2	Fundamental of Data Analytics with Tableau	25	75	100
				30	22		125	375	500
		SEMESTER VI							

33.	III	Core Theory	Paper-12	4	4	Television and Video Engineering	25	75	100
34.	III	Core Practical	Practical - 3	3	3		25	75	100
35.	III	Core Practical	Practical - 4	3	3		25	75	100
36.	III	Core	Paper-13	6	6	Core: Industrial Training (Internal)	100	0	100
37.	III	Core Project	Paper - 14	5	5	Individual / Group Project	25	75	100
38.	III	Elective	Paper-2	3	3	(to choose any 1 out of 3) 1. Power Electronics 2. Digital System Design 3. Robotics and Automation	25	75	100
39.	III	Elective	Paper-3	3	3	(to choose any 1 out of 3) 1. Microcontroller 8051 and its Applications 2. Computer Networks 3. Programmable Logic Control	25	75	100
40.	III	NMSDC : Emerging Technology for Employability II	Paper-4	2	2	Project based Learning II	25	75	100
41.	V	Extension Activities		0	1	Extension Activities	100	0	100
				30	30		350	450	800
									4100

THIRUVALLUVAR UNIVERSITY

BACHELOR OF SCIENCE

B.Sc. INFORMATION SYSTEM MANAGEMENT

UNDER CBCS

(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	Introduction to Information Technology	25	75	100
	III	Core Practical	Practical-1	4	0		0	0	0
4.	III	Allied -1	Paper-1	4	3	(to choose any 1 out of 2) 1. Mathematical Foundations 2. Financial Accounting I	25	75	100
	III	Allied- 1	Practical-1	2	0		0	0	0
5.	III	PE	Paper 1	6	3	Professional English II	25	75	100
6.	IV	Environmental Studies		2	2	Environmental studies	25	75	100
		Sem. Total		36	20		150	450	600

		SEMESTER II					CIA	Uni. Exam	Total
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	Business Accounting Software	25	75	100
10.	III	Core Practical	Practical-1	3	2	Office Automation Lab	25	75	100
11.	III	Allied-1	Paper-2	4	3	(to choose any 1 out of 2) 1. Statistics 2. Financial Accounting I	25	75	100
12.	III	Allied Practical - 1	Practical-1	2	2	(to choose any 1 out of 2) 1. Mathematical Foundation & Statistics 2. Tally Lab	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		225	675	900
		SEMESTER III					CIA	Uni. Exam	Total
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	Programming in C	25	75	100
19.	III	Core Practical	Practical-2	3	2	Programming in C Lab	25	75	100
20.	III	Allied -2	Paper-3	4	3	(to choose any 1 out of 2) A. Web Designing B. Business Communication	25	75	100
	III	Allied	Practical	3	-	A. Web Designing Lab B. Business Communication Lab	0	0	0
21.	IV	Skill Based Elective	Paper-1	3	2	E-Business	25	75	100

22.	IV	Non-Major Elective	Paper-1	2	2	Concepts of Internet	25	75	100
		Sem. Total		30	20		175	525	700
		SEMESTER IV					CIA	Uni. Exam	Total
23.	I	Language	Paper-4	6	4	Tamil/Other Languages	25	75	100
24.	II	English	Paper-4	6	4	English	25	75	100
25.	III	Core Theory	Paper-4	4	3	Java Programming	25	75	100
26.	III	Core Practical	Practical-3	3	2	Java Programming Lab	25	75	100
27.	III	Allied-2	Paper-4	4	3	(to choose any 1 out of 2) A. Operations Research B. Cost and Management Accounting	25	75	100
28.	III	Allied Practical	Practical-2	3	2	A. Web Designing Lab & Operations Research Lab B. Business Communication & Cost and Management Accounting Lab	25	75	100
29.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
30.	IV	Non-Major Elective	Paper-2	2	2	Management Information System	25	75	100
				30	22		200	600	800
		SEMESTER V					CIA	Uni. Exam	Total
31.	III	Core Theory	Paper-5	6	5	Principles of Management	25	75	100
32.	III	Core Theory	Paper-6	6	5	Data Base Management System	25	75	100
33.	III	Core Theory	Paper-7	6	4	Python Programming	25	75	100
34.	III	Core Practical	Practical-4	3	2	Python Programming Lab	25	75	100
35.	III	Core Practical	Practical-5	3	2	DBMS LAB	25	75	100
36.	III	Internal Elective	Paper-1	3	3	(to choose any 1 out of 3)	25	75	100

						A. Enterprise Resource Planning B. Bioinformatics C. Marketing Management			
37.	IV	NMSDC : Cloud and IT Essentials for Employability	Paper-3	3	2	Foundation of AI/ML	25	75	100
		Sem. Total		30	23		175	525	700
		SEMESTER VI					CIA	Uni. Exam	Total
38.	III	Core Theory	Paper-8	4	4	Computer Graphics and Web Designing	25	75	100
39.	III	Core Theory	Paper-9	4	4	Software Engineering	25	75	100
40.	III	Core Theory	Paper-10	4	4	Multimedia	25	75	100
41.	III	Core Practical	Practical-6	2	2	Computer Graphics and Web Designing Lab	25	75	100
42.	III	Core Practical	Practical-7	2	2	Multimedia Lab	25	75	100
43.	III	Core Project	Paper - 11	5	5	Individual / Group Project	25	75	100
44.	III	Internal Elective	Paper-2	3	3	(to choose any 1 out of 3) A. Data Analytics with R Management B. Fundamentals of Biological Sciences C. Operating Systems	25	75	100
45.	III	Internal Elective	Paper-3	3	3	(to choose any 1 out of 2) A. Human Resource Management B. Information Security	25	75	100
46.	IV	Skill Based Elective	Paper-4	3	2	Business Ethics	25	75	100
47.	V	Extension Activities		0	1		100	-	100
48.	-	NMSDC : Employability	-	-	-	(choose any one)	-	-	-

		Readiness				• Naandi • Unnati • Quest • Izpay • IBM Skills build			
		Sem. Total		30	30		325	675	1000
									4700

THIRUVALLUVAR UNIVERSITY
BACHELOR OF SCIENCE
B.Sc., INTERIOR DESIGN AND DECOR
(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	Design Basics	25	75	100
	III	Core Practical	Practical-1	4	0	Design Basics Practical	0	0	0
4.	III	Allied -1	Paper-1	4	3	Applied Arts on Textiles-I	25	75	100
	III	Allied- 1	Practical-1	2	0	Applied Arts on Textiles practical	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					CIA	Uni. Exam	Total
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	Colour and Lighting	25	75	100
10.	III	Core Practical	Practical-1	3	2	Design Basics Practical	25	75	100
11.	III	Allied-1	Paper-2	4	3	Applied Arts on Textiles-II	25	75	100
12.	III	Allied Practical - 1	Practical-1	2	2	Applied Arts on Textiles Practical	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		225	675	900
		SEMESTER III					CIA	Uni. Exam	Total

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	4	4	Computer Aided Design - I	25	75	100
	III	Core Practical	Practical-2	3	0	Computer Aided Design practical	0	0	0
19.	III	Allied-2	Paper-3	4	3	Interior Design Studio and Building system Technology-I	25	75	100
	III	Allied Practical - 2	Practical-2	3	0	Interior Design Studio Practical	0	0	0
20.	IV	Skill Based Subject	Paper-1	2	2	Draftsmanship	25	75	100
21.	IV	Non-Major Elective	Paper-1	2	2	Basics of Interior Design-I	25	75	100
		Sem. Total		30	19		150	450	600
		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	4	4	Planning the life space	25	75	100
25.	III	Core Practical	Practical-2	3	3	Computer Aided Design practical	25	75	100
26.	III	Allied-2	Paper-4	4	3	Interior Design studio and Building system Technology-II	25	75	100
27.	III	Allied Practical - 2	Practical-2	3	2	Interior Design Studio Practical	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-Major Elective	Paper-2	2	2	Basics of Interior Design-II	25	75	100
		Sem. Total		30	24		200	600	800
		SEMESTER V							
30.	III	Core Theory	Paper-5	4	4	Furniture in Interiors	25	75	100
	III	Core Practical	Practical-3	3	0	Furniture and Furnishings Practical	0	0	0
31.	III	Core Theory	Paper-6	4	4	Computer Aided Design- II	25	75	100
	III	Core Practical	Practical-4	3	0	Google SketchUp practical	0	0	0
32.	III	Core Theory	Paper-7	4	4	Floriculture and Landscaping	25	75	100
	III	Core Practical	Practical-5	3	0	Floriculture and Landscaping Practical	0	0	0
33.	III	Core Theory	Paper-8	4	4	Fundamentals of Architecture	25	75	100
34.	III	Internal Elective	Paper-1	3	3	(to choose 1 out of 3) A. Consumer and Merchandising B. Kitchen Design C. House Keeping and Front Office Management	25	75	100
35.	IV	NMSDC :	Paper-3	2	2	Story Telling	25	75	100

		Marketing and Design Tools							
		Sem. Total		30	21		150	450	600
		SEMESTER VI							
36.	III	Core Theory	Paper-9	4	4	Soft Furnishings	25	75	100
37.	III	Core Theory	Paper-10	4	4	Applied Arts	25	75	100
38.	III	Core Practical	Practical-3	3	3	Furniture and Furnishing Practical	25	75	100
39.	III	Core Practical	Practical-4	3	3	Google Sketchup practical	25	75	100
40.	III	Core Practical	Practical-5	3	3	Floriculture and Landscaping Practical	25	75	100
41.	III	Compulsory Project	Paper-11	5	5	Individual / Group Project	25	75	100
42.	III	Internal Elective	Paper-2	3	3	(to choose 1 out of 3) A. Professional Practice B. Environment control in Interiors C. Fine - Arts Drawing and Painting	25	75	100
43.	III	Internal Elective	Paper-3	3	3	(to choose 1 out of 3) A. Ergonomics B. Green Building Technology C. Entrepreneurial Development	25	75	100
44.	IV	Skill based Subject	Paper-4	2	2	Commercial Space Designing	25	75	100
45.	V	Extension Activities		0	1		100	0	100
46.	-	NMSDC : Employability Readiness		-	-	(choose any one) • Naandi • Unnati • Quest • Izpay • IBM Skills build	-	-	-
		Sem. Total		30	31		325	675	1000
		Grand Total			140				4500

THIRUVALLUVAR 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)	25	75	100
	III	Allied- 1	Practical-1	2	0	(For Practical Allied subjects)	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							CIA	Uni. Exam	Total
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	Paper-1	2	2	Basic Mathematics	25	75	100

		Elective							
		Sem. Total		30	20		150	450	600
23.	I	Language	Paper-4	6	4	Tamil/Other Languages	25	75	100
24.	II	English	Paper-4	4	4	English	25	75	100
25.	III	Core Theory	Paper-6	5	4	Vector Analysis and Fourier Series	25	75	100
26.	III	Core Theory	Paper-7	4	4	Mechanics	25	75	100
27.	III	Allied-2	Paper-4	4	3	(to choose any 1 out of 4) (For Practical Allied subjects)	25	75	100
28.	III	Allied Practical - 2	Practical-2	3	2		25	75	100
29.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
30.	IV	Non-Major Elective	Paper-2	2	2	Foundation Mathematics for Competitive Examinations	25	75	100
		Sem. Total		30	25		200	600	800
		SEMESTER V							
31.	III	Core Theory	Paper-8	6	4	Abstract Algebra	25	75	100
32.	III	Core Theory	Paper-9	6	4	Real Analysis - I	25	75	100
33.	III	Core Theory	Paper-10	6	4	Complex Analysis - I	25	75	100
34.	III	Core Theory	Paper-11	3	3	Programming in C Language	25	75	100
35.	III	Core Practical	Practical-1	3	2	C Language	25	75	100
36.	IV	Elective	Paper-1	4	3	(to choose any 1 out of 2) 1. Linear Programming 2. Special Functions	25	75	100
37.	IV	NMSDC : Computational Intelligence for Employability	Paper-3	2	2	Fundamentals of Data Analytics with Tableau	25	75	100
		Sem. Total		30	22		175	525	700
		SEMESTER VI							
38.	III	Core Theory	Paper-12	6	4	Linear Algebra	25	75	100
39.	III	Core Theory	Paper-13	6	4	Real Analysis II	25	75	100
40.	III	Core Theory	Paper-14	5	4	Complex Analysis - II	25	75	100
41.	III	Compulsory Project	Paper-15	5	5	Group / Individual Project	25	75	100
42.	III	Elective	Paper-2	3	3	(to choose any 1 out of 2) 1.Graph Theory 2. Discrete Mathematics	25	75	100
43.	III	Elective	Paper-3/ Elective Practical-1	3	3	(to choose any 1 out of 2) 1.Fuzzy Mathematics.(Theory) 2. R Programming (Practical Only)	25	75	100
44.	III	Data Analytics with Advance Tools for	Paper-4	2	2	Project Based Learning III	25	75	100

		Employability							
45.	V	Extension Activities		0	1		100	0	100
		Sem. Total		30	26		275	525	800
		Grand Total			140				4500

THIRUVALLUVAR UNIVERSITY
BACHELOR OF SCIENCE

B.Sc. MICROBIOLOGY
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	Fundamentals of Microbiology	25	75	100
	III	Core Practical	Practical-1	4	0	Experiments in Basic Microbiology	0	0	0
4.	III	Allied -1	Paper-1	4	3	Biochemistry - I	25	75	100
	III	Allied- 1	Practical-1	2	0	Biochemistry	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					CIA	Uni. Exam	Total
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	Microbial Physiology	25	75	100
10.	III	Core Practical	Practical-1	3	2	Experiments in Basic Microbiology (Contd.)	25	75	100
11.	III	Allied-1	Paper-2	4	3	Biochemistry - II	25	75	100
12.	III	Allied Practical - 1	Practical-1	2	2	Biochemistry (Contd.)	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		225	675	900
		SEMESTER III					CIA	Uni. Exam	Total

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	4	4	Immunology	25	75	100
	III	Core Practical	Practical-2	3	-	Experiments in Immunology and Microbial Genetics	0	0	0
19.	III	Allied-3	Paper-3	4	3	Bioinstrumentation	25	75	100
		Allied Practical - 2	Practical-2	3	-	Bioinstrumentation and Biostatistics	0	0	0
20.	IV	Skill Based Subject	Paper-1	2	2	Haematology and Blood Banking	25	75	100
21.	IV	Non-Major Elective	Paper-1	2	2	Microbes in Human Welfare	25	75	100
		Sem. Total		30	19		150	450	600
		SEMESTER IV							
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	4	4	Microbial Genetics	25	75	100
25.	III	Core Practical	Practical-2 (Contd.)	3	3	Experiments in Immunology and Microbial Genetics (Contd.)	25	75	100
26.	III	Allied-4	Paper-4	4	3	Biostatistics	25	75	100
27.	III	Allied Practical - 2	Practical-2 (Contd.)	3	2	Bioinstrumentation and Biostatistics (Contd.)	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-Major Elective	Paper-2	2	2	Emerging Microbial Diseases	25	75	100
		Sem. Total		30	24		200	600	800
		SEMESTER V							
30.	III	Core Theory	Paper-5	6	6	Medical Bacteriology and Mycology	25	75	100
31.	III	Core Theory	Paper-6	6	5	Agricultural and Environmental Microbiology	25	75	100
32.	III	Core Theory	Paper-7	5	5	Food Microbiology	25	75	100
	III	Core Practical	Practical-3	4	-	Experiments in Medical Microbiology	0	0	0
	III	Core Practical	Practical-4	4	-	Experiments in Applied Microbiology	0	0	0
33.	III	Internal Elective	Paper-1	3	3	(to choose one out of 3) A. Immunotechnology B. Human anatomy and physiology C. Cell Biology	25	75	100
34.	IV	NMSDC : Advanced Technology for Employability in Life Science	Paper-3	2	2	PCR Technology	25	75	100
		Sem. Total		30	21		125	375	500

		SEMESTER VI							
35.	III	Core Theory	Paper-8	6	6	Medical Virology and Parasitology	25	75	100
36.	III	Core Theory	Paper-9	5	5	Industrial Microbiology	25	75	100
37.	III	Core Practical	Practical-3	3	3	Experiments in Medical Microbiology (Contd.)	25	75	100
38.	III	Core Practical	Practical-4	3	3	Experiments in Applied Microbiology (Contd.)	25	75	100
39.	III	Compulsory Project	Paper-10	5	5	Group/Individual Project	25	75	100
40.	III	Internal Elective	Paper-2	3	3	(to choose one out of 3) A. Biotechnology B. Herbal Technology C. Genetic Engineering	25	75	100
41.	III	Internal Elective	Paper-3	3	3	(to choose one out of 3) A. Bioinoculants Technology B. Clinical Microbiology C. Food analysis and quality control	25	75	100
42.	IV	Skill based Subject	Paper-4	2	2	Medical Laboratory Techniques	25	75	100
43.	V	Extension Activities		-	1	-	100	0	100
44	-	NMSDC : Employability Readiness		-	-	(choose any one) • Naandi • Unnati • Quest • Izpay • IBM Skills build	-	-	-
		Sem. Total		30	31		300	600	900
									4300

THIRUVALLUVAR UNIVERSITY

BACHELOR OF SCIENCE B.Sc. NUTRITION, FOOD SERVICE MANAGEMENT AND DIETETICS UNDER CBCS (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	Food Microbiology	25	75	100
	III	Core Practical	Practical-1	4	0	Food Microbiology	0	0	0
4.	III	Allied -1	Paper-1	4	3	Chemistry I	25	75	100
	III	Allied- 1	Practical-1	2	0	Chemistry	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					CIA	Uni. Exam	Total
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	Human Physiology	25	75	100
10.	III	Core Practical	Practical-1	3	2	A. Food Microbiology B. Human Physiology	25	75	100
11.	III	Allied-1	Paper-2	4	3	Chemistry II	25	75	100
12.	III	Allied Practical - 1	Practical-1	2	2	Chemistry Practical	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		225	675	900
		SEMESTER III					CIA	Uni. Exam	Total
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	5	5	Food Science	25	75	100

S. No.	Part	Study Components		Ins. Hrs / week	Credit	Title of the Paper	Maximum Marks			
		Course Title								
	III	Core Practical	Practical	3	0	Food Science	0	0	0	
19.	III	ALLIED-2	Paper-3	4	3	Nutritional Biochemistry	25	75	100	
	III	Allied Practical	Practical	2	0	Nutritional Biochemistry	0	0	0	
20.	IV	Skill based Subject	Paper-1	2	2	Bakery and Confectionery	25	75	100	
21.	IV	Non-major elective	Paper-1	2	2	Health and fitness	25	75	100	
		Sem. Total		30	20		150	450	600	
		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	5	4	Human Nutrition	25	75	100	
25.	III	Core Practical	Practical -2	3	3	A. Food Science B. Human Nutrition	25	75	100	
26.	III	ALLIED-2	Paper-4	4	3	Food Preservation	25	75	100	
27.	III	Allied Practical-2	Practical-2	2	2	A. Nutritional Biochemistry B. Food Preservation	25	75	100	
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100	
29.	IV	Non-major elective	Paper-2	2	2	Nutrition for the Family	25	75	100	
				30	24		200	600	800	
		SEMESTER V						CIA	Uni. Exam	Total
30.	III	Core Theory	Paper-5	6	5	Dietetics - I	25	75	100	
31.	III	Core Theory	Paper-6	6	5	Nutrition Through Life Cycle	25	75	100	
32.	III	Core Theory	Paper-7	6	5	Community Nutrition	25	75	100	
	III	Core Practical	Practical	3	0	Nutrition through Life Cycle	0	0	0	
	III	Core Practical	Practical	3	0	Dietetics - I	0	0	0	
33.	III	Internal Elective	Paper-1	4	3	Hospital Food Service Administration	25	75	100	
34.	IV	NMSDC : Advanced Technology for Employability in Life Science	Paper-3	2	2	Food Science and Food Technology	100	-	100	
				30	20		200	300	500	
		SEMESTER VI								
35.	III	Core Theory	Paper-8	4	4	Dietetics - II	25	75	100	

S. No.	Part	Study Components		Ins. Hrs / week	Credit	Title of the Paper	Maximum Marks		
		Course Title							
36.	III	Core Theory	Paper-9	3	3	Food Service Management	25	75	100
37.	III	Core Theory	Paper-10	4	4	Human Development and Counselling	25	75	100
38.	III	Core Practical	Practical-3	3	3	A. Nutrition through Life Cycle B. Dietetics - I	25	75	100
39.	III	Core Practical	Practical-4	3	3	A. Food Service Management B. Dietetics - II	25	75	100
40.	III	Core Project	Paper-11	5	5	Individual / Group Project	25	75	100
41.	III	Internal Elective	Paper-2	3	3	Food Standards and Quality Control	25	75	100
42.	III	Internal Elective	Paper-3	3	3	Nutraceuticals and Nutrigenomics	25	75	100
43.	IV	Skill based Subject	Paper-4	2	2	Perspectives of Home Science	25	75	100
44.	V	Extension Activities		0	1		100	0	100
45.	-	NMSDC : Employability Readiness		-	-	(choose any one) • Naandi • Unnati • Quest • Izpay • IBM Skills build	-	-	-
				30	31		325	675	1000
					140				4400

திருவள்ளூர் பல்கலைக்கழகம்

THIRUVALLUVAR UNIVERSITY

BACHELOR OF SCIENCE

B.Sc. PHYSICAL EDUCATION

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	Foundations of Physical Education	25	75	100
	III	Core Practical	Practical-1	4	0	Major games -I	0	0	0
4.	III	Allied -1	Paper-1	4	3	Yoga Education	25	75	100
	III	Allied- 1	Practical-1	2	0	Mass Demonstration	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					CIA	Uni. Exam	Total
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	Anatomy and Physiology	25	75	100
10.	III	Core Practical	Practical-1	3	2	Major games – I and II	25	75	100
11.	III	Allied-1	Paper-2	4	3	Theory of Sports and Games	25	75	100
12.	III	Allied Practical - 1	Practical-1	2	2	Indigenous activities	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		225	675	900
SEMESTER III							CIA	Uni. Exam	Total

16.	I	Language	Paper-3	6	4	Tamil/other language	25	75	100
17.	II	English	Paper-3	6	4	English	25	75	100
18.	III	Core theory	Paper-3	4	4	Exercise physiology	25	75	100
	III	Core practical	Practical-2	3	-	Major games-III	0	0	0
19.	III	Allied-2	Paper-3	4	3	Health education & Nutrition	25	75	100
	III	Allied practical	Practical-2	3	0	Aerobics and marching	0	0	0
20.	IV	Skill based subject	Paper-1	2	2	Computer Applications	25	75	100
21.	IV	Non-major elective	Paper-1	2	2	Yoga and Health	25	75	100
				30	19		150	450	600
SEMESTER IV							CIA	Uni. Exam	Total
22.	I	Language	Paper-4	6	4	Tamil/other languages English	25	75	100
23.	II	English	Paper-4	6	4	English	25	75	100
24.	III	Core theory	Paper-4	4	4	Organization and administration IPE	25	75	100
25.	III	Core practical	Practical-2	3	2	Major games	25	75	100
26.	III	Allied-2	Paper-4	4	3	Theories of sports and games	25	75	100
27.	III	Allied practical	Practical-2	3	2	Minor games	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-major elective	Paper-2	2	2	Weigh Management	25	75	100
				30	23		200	600	800
SEMESTER V							CIA	Uni. Exam	Total
30.	III	Core theory	Paper-5	6	6	Methods in physical education	25	75	100
31.	III	Core theory	Paper-6	6	6	Kinesiology and biomechanics	25	75	100
32.	III	Core theory	Paper-7	6	6	Sports training	25	75	100
	III	core practical	Practical-3	3	-	Track events-I	0	0	0
	III	core practical	practical-4	3	-	Track events-I	0	0	0
33.	III	Internal Elective	Paper-1	4	3	Fitness and wellness	25	75	100
34.	IV	NMSDC : Marketing and Design Tools	Paper-3	2	2	Story Telling	25	75	100
				30	23		125	375	500
SEMESTER VI							CIA	Uni. Exam	Total
35.	III	Core theory	Paper-8	5	4	Test and measurement	25	75	100
36.	III	Core theory	Paper-9	4	4	Sports psychology and Sports sociology	25	75	100
37.	III	Core theory	Paper-10	4	4	Sports management	25	75	100
38.	III	Core Practical	Practical-3	2	2	Track events-I	25	75	100
39.	III	Core Practical	practical-4	2	2	Field events-I	25	75	100
40.	III	Core project (individual/group project)	Paper-1	5	5	Field project	25	75	100
41.	III	Internal Elective	Paper-2	3	3	Modern trends in physical education	25	75	100
42.	III	Internal Elective	Paper-3	3	3	Physiotherapy and first aid	25	75	100

43.	IV	Skill based subject	Paper-4	2	2	Fitness Management	25	75	100
44.	V	Extension activities		0	1		100	-	100
45.	-	NMSDC : Employability Readiness		-	-	(choose any one) • Naandi • Unnati • Quest • Izpay • IBM Skills build	-	-	-
		Total		30	30		325	675	1000
									4400

THIRUVALLUVAR UNIVERSITY

BACHELOR OF SCIENCE

B.Sc. PHYSICS

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	Mechanics	25	75	100
	III	Core Practical	Practical-1	4	-		-	-	-
4.	III	Allied -1	Paper-1	4	3	Chemistry I or Biochemistry I	25	75	100
	III	Allied Practical	Practical-1	2	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							CIA	Uni. Exam	Total
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	4	4	Heat and Thermodynamics	25	75	100
10.	III	Core Practical	Practical-1	3	2	Practical - I	25	75	100
11.	III	Allied-1	Paper-2	4	3	Chemistry II or Biochemistry II	25	75	100
12.	III	Allied Practical	Practical-1	2	2	Practical-Allied	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		225	675	900
SEMESTER III							CIA	Uni. Exam	Total
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	5	4	Electricity, Magnetism and Electromagnetism	25	75	100

	III	Core Practical	Paper-2	3	0		0	0	0
19.	III	Allied-2	Paper-3	6	3	Mathematics I	25	75	100
20.	IV	Skill Based Subject	Paper-1	2	2	Basic Electrical Technology	25	75	100
21.	IV	Non-Major Elective	Paper-1	2	2	Environmental Physics	25	75	100
		Sem. Total		30	19		150	450	600
SEMESTER IV									
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	5	5	Waves and Optics	25	75	100
25.	III	Core Practical	Practical-2	3	3	Any 15 Experiments given in the syllabus	25	75	100
26.	III	Allied-2	Paper-4	6	5	Mathematics II	25	75	100
27.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
28.	IV	Non-Major Elective	Paper-2	2	2	Everyday Physics	25	75	100
		Sem. Total		30	25		175	525	700
SEMESTER V									
29.	III	Core Theory	Paper-5	6	6	Atomic and Molecular Physics	25	75	100
30.	III	Core Theory	Paper-6	6	6	Relativity and Quantum mechanics	25	75	100
31.	III	Core Theory	Paper-7	6	6	Basic and Applied Electronics	25	75	100
	III	Core Practical	Practical-3	3	0	General Practical	0	0	0
	III	Core Practical	Practical-4	3	0	Electronics Practical	0	0	0
32.	III	Elective	Paper-1	4	3	Group (A) or (B) or (C)	25	75	100
33.	IV	NMSDC : Technical Skills for Employability	Paper-3	2	2	Fundamental of Data Analytics with Tableau	25	75	100
		Sem. Total		30	23		125	375	500
SEMESTER VI									
34.	III	Core Theory	Paper-8	5	4	Nuclear and Particle Physics	25	75	100
35.	III	Core Theory	Paper-9	4	4	Solid State Physics	25	75	100
36.	III	Core Practical	Practical-3	3	3	General Practical	25	75	100
37.	III	Core Practical	Practical-4	3	3	Electronics Practical	25	75	100
38.	III	Elective	Paper-2	4	3	Group (A) or (B) or (C)	25	75	100
39.	III	Elective	Paper-3	4	3	Group (A) or (B) or (C)	25	75	100
40.	III	Compulsory Project	Paper -10	5	5	Group / Individual Project	25	75	100
41.	III	NMSDC : Emerging Technology for Employability III	Paper-4	2	2	Project based Learning II	25	75	100
42.	V	Extension Activities		0	1		100	0	100
		Sem. Total		30	28		300	600	900
		Grand Total			140				4200

THIRUVALLUVAR UNIVERSITY

BACHELOR OF SCIENCE
B.Sc. PSYCHOLOGY
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	General Psychology-I	25	75	100
4.	III	Core Theory	Paper-2	5	3	Biological Psychology-I	25	75	100
5.	III	ALLIED -1	Paper-1	6	3	Principles of Management	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	6	4	Communicative English I	25	75	100
10.	III	Core Theory	Paper-3	4	3	General Psychology-II	25	75	100
11.	III	Core Theory	Paper-4	4	3	Biological Psychology- II	25	75	100
12.	III	ALLIED-1	Paper-2	6	5	Organizational Behaviour	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
SEMESTER III							CIA	Uni. Exam	Total
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-5	4	4	Developmental Psychology-I	25	75	100
19.	III	Core Theory	Paper-6	4	4	Health Psychology	25	75	100
20.	III	ALLIED-2	Paper-3	5	3	Statistics in Psychology	25	75	100
21.	IV	Skill based Subject	Paper-1	3	2	Stress Management	25	75	100
22.	IV	Non-major elective	Paper-1	2	2	Human resource management	25	75	100
		Sem. total		30	23		175	525	700
SEMESTER IV							CIA	Uni. Exam	Total
23.	III	Language	Paper-4	6	4	Tamil/Other Languages	25	75	100

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
24.	III	English	Paper-4	6	4	English	25	75	100
25.	III	Core Theory	Paper-7	4	4	Developmental Psychology-II	25	75	100
26.	III	Core Theory	Paper-8	4	4	Introduction to Theories of Personality	25	75	100
27.	III	ALLIED-2	Paper-4	5	5	Marketing Management	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	3	2	Office Fundamentals	25	75	100
29.	IV	Non-major Elective	Paper-2	2	2	Training and Development	25	75	100
		Sem. total		30	25		175	525	700
SEMESTER V							CIA	Uni. Exam	Total
30.	III	Core Theory	Paper-9	5	4	Abnormal Psychology-I	25	75	100
31.	III	Core Theory	Paper-10	5	4	Social Psychology-I	25	75	100
32.	III	Core Theory	Paper-11	5	4	Introduction to research methodology	25	75	100
	III	Core Practical	Paper-1	7	-	Experimental Psychology I (Practical)	-	-	-
33.	III	Internal Elective	Paper-1	5	3	Guidance & Counseling Psychology	25	75	100
34.	IV	NMSDC : Marketing and Design Tools	Paper-3	2	2	Story Telling	25	75	100
		Sem. total		30	20		125	375	500
SEMESTER VI							CIA	Uni. Exam	Total
35.	III	Core Theory	Paper-12	4	4	Abnormal Psychology-II	25	75	100
36.	III	Core Theory	Paper-13	4	4	Social Psychology-II	25	75	100
37.	III	Core Practical	Paper-1	-	3	Experimental Psychology I (Practical)	25	75	100
38.	III	Core Practical	Paper-2	6	3	Experimental Psychology-II	25	75	100
39.	III	Project	Paper-14	5	5	Compulsory Project (Group / Individual)	25	75	100
40.	III	Internal Elective	Paper-2	4	3	Positive Psychology	25	75	100
41.	III	Internal Elective	Paper-3	4	3	Substance Use and Counseling	25	75	100
42.	IV	Skill based Subject	Paper-4	3	2	Consumer Behaviour	25	75	100
43.	V	Extension Activities		-	1	Extension Activities	100	0	100

S.NO.	Part	Study Components		Ins. hrs /week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
44.	-	NMSDC : Employability Readiness		-	-	(choose any one) • Naandi • Unnati • Quest • Izpay • IBM Skills build	-	-	-
		Sem. Total		30	28		300	600	900
		Grand total			140				4300

THIRUVALLUVAR UNIVERSITY
BACHELOR OF SCIENCE
B.Sc. SOFTWARE 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					CIA	Uni. Exam	Total
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
		SEMESTER III					CIA	Uni. Exam	Total
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	5	5	Programming in JAVA	25	75	100

19.	III	Core Practical	Practical-3	4	2	Programming in JAVA Lab	25	75	100
20.	III	Allied II	Paper-3	5	3	Quantitative Techniques - I	25	75	100
21.	IV	Skill Based Subject	Paper-1	2	2	Design & Analysis of Algorithms	25	75	100
22.	IV	Non-Major Elective	Paper-1	2	2	Introduction to Information Technology	25	75	100
				30	22		175	525	700
		SEMESTER IV					CIA	Uni. Exam	Total
23.	I	Language	Paper-4	6	4	Tamil/Other Languages	25	75	100
24.	II	English	Paper-4	6	4	English	25	75	100
25.	III	Core Theory	Paper-4	3	5	Relational Database Management Systems	25	75	100
26.	III	Core Practical	Practical-4	3	2	RDBMS Lab	25	75	100
27.	III	Allied 2	Paper-4	5	3	Quantitative Techniques - II	25	75	100
28.	III	Allied Practical	Practical 2	3	2	Quantitative Techniques - LAB	25	75	100
29.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
30.	IV	Non-Major Elective	Paper-2	2	2	Internet Technology	25	75	100
				30	24		200	600	800
		SEMESTER V					CIA	Uni. Exam	Total
31.	III	Core Theory	Paper-5	6	4	Mobile Application Development	25	75	100
32.	III	Core Theory	Paper-6	6	4	Operating System	25	75	100
33.	III	Core Theory	Paper -7	5	4	Data Mining	25	75	100
34.	III	Core Practical	Practical-5	4	2	Operating System - Lab	25	75	100
35.	III	Core Practical	Practical-6	4	2	Mobile Applications Development - Lab	25	75	100
36.	III	Elective I	Paper-1	3	3	1. Information Security 2. Software Testing 3. Internet of Things	25	75	100
37.	IV	NMSDC : Cloud and IT Essentials for Employability	Paper-3	2	2	Foundation of AI/ML	25	75	100
				30	21		175	525	700
		SEMESTER VI							
38.	III	Core Theory	Paper-8	7	4	Open Source Software	25	75	100
39.		Core				Python Programming			

	III	Theory	Paper-9	6	4		25	75	100
40.	III	Core Practical	Practical-7	5	2	Open Source Software Lab	25	75	100
41.	III	Core Practical	Practical-8	4	2	Python Programming Lab	25	75	100
42.	III	Project		5	5	Group/Individual project	25	75	100
43.	III	Elective II	Paper-2	3	3	1. Computer Organization and Architecture 2. Software Metrics 3. Wireless and Data Communication	25	75	100
44.	III	Elective III	Paper-3	3	3	1. Web Technology 2. Software Design 3. Software Quality Assurance	25	75	100
45.	III	Emerging Technology for Employability II	Paper-4	2	2	(Choose any one) • PBL Android App Development • Machine Learning	25	75	100
46.	V	Extension Activities		0	1		100	0	100
				30	26		300	600	900
		Total			140				4600

THIRUVALUVAR UNIVERSITY

BACHELOR OF SCIENCE

B.Sc. STATISTICS

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	Descriptive Statistics	25	75	100
	III	Core Practical	Practical-1	4	0	Statistical Practical-I	0	0	0
4.	III	Allied -1	Paper-1	6	3	Mathematics-I	25	75	100
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					CIA	Uni. Exam	Total
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	Probability and Random Variables	25	75	100
10.	III	Core Practical	Practical-1	3	2	Statistical Practical-I	25	75	100
11.	III	Allied-1	Paper-2	6	5	Mathematics-II	25	75	100
12.	III	PE	Paper 1	6	3	Professional English II	25	75	100
13.	IV	Value Education		2	2		25	75	100
14.	IV	Soft Skill		2	1		25	75	100
		Sem. Total		36	25		200	600	800
		SEMESTER III							
15.	I	Language	Paper-3	6	4	Tamil/Other Lang.	25	75	100
16.	II	English	Paper-3	6	4	English	25	75	100
17.	III	Core Theory	Paper-3	4	4	Distribution Theory	25	75	100
	III	Core Practical	Practical-2	2	-	Statistical Practical-II	-	-	-
18.	III	Allied	Paper-3	4	3	Numerical Methods	25	75	100
		Allied Practical	Practical-1	2	-	Numerical Methods and Programming in C	-	-	-
19.	IV	Skill Based Subject	Paper-1	3	2	Elementary Mathematics	25	75	100
20.	IV	Non-Major Elective	Paper-1	3	2	Statistical Methods-I	25	75	100
		Sem. Total		30	19		150	450	600

		SEMESTER IV							
21.	I	Language	Paper-4	6	4	Tamil/Other Lang.	25	75	100
22.	II	English	Paper-4	6	4	English	25	75	100
23.	III	Core Theory	Paper-4	4	4	Sampling Theory	25	75	100
24.	III	Core Practical	Practical-2	4	4	Statistical Practical-II	25	75	100
25.	III	Allied	Paper-4	3	3	Programming in C	25	75	100
26.	III	Allied Practical	Practical-1	3	2	Numerical Methods and Programming in C	25	75	100
27.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
28.	IV	Non-Major Elective	Paper-2	2	2	Statistical Methods-II	25	75	100
		Sem. Total		30	25		200	600	800
		SEMESTER V							
29.	III	Core Theory	Paper-5	6	4	Estimation Theory	25	75	100
30.	III	Core Theory	Paper-6	5	4	Statistical Quality Control	25	75	100
31.	III	Core Theory	Paper-7	5	4	Operations Research	25	75	100
32.	III	Core Theory	Paper-8	5	4	Applied Statistics	25	75	100
	III	Core Practical	Practical-3	3	-	Statistical Practical-III	-	-	-
33.	III	Internal Elective	Paper-1	4	3	(Choose 1 out of 2) A. Demography B. Database Management System	25	75	100
34.	IV	NMSDC : Computational Intelligence for Employability	Paper-2	2	2	Fundamentals of Data Analytics with Tableau	25	75	100
		Sem. Total		30	21		150	450	600
		SEMESTER VI							
35.	III	Core Theory	Paper-9	6	4	Testing Statistical Hypotheses	25	75	100
36.	III	Core Theory	Paper-10	5	4	Design of Experiments	25	75	100
37.	III	Core Theory	Paper-11	5	4	Stochastic Processes	25	75	100
38.	III	Core Practical	Practical-3	4	4	Statistical Practical-III	25	75	100
39.	III	Compulsory Project	Paper-12	5	5	Group / Individual Project	25	75	100
40.	III	Internal Elective	Paper-2	3	3	(Choose 1 out of 2) A. Mathematical Economics B. Real Analysis	25	75	100
41.	III	Internal Elective	Paper-3	3	3	(Choose 1 out of 2) A. Statistical Genetics B. Actuarial Statistics	25	75	100
42.	III	Data Analytics with Advance Tools for Employability	Paper-4	2	2	Project Based Learning III	25	75	100
43.	V	Extension Activities			1		100	0	100
		Sem. Total		30	30		300	600	900
		Grand Total			140				4300

THIRUVALLUVAR UNIVERSITY
VELLORE

BACHELOR OF SCIENCE
B.Sc. VISUAL COMMUNICATIONS
UNDER CBCS

(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	Fundamentals of Communication	25	75	100
	III	Core Practical	Practical-1	4	0	Drawing	0	0	0
4.	III	Allied -1	Paper-1	6	3	Writing for Media	25	75	100
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					CIA	Uni. Exam	Total
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	4	4	Introduction to Visual Communication	25	75	100
10.	III	Core Practical	Paper-1	3	2	Drawing	25	75	100
11.	III	Allied-1	Paper-2	4	3	Photography	25	75	100
12.	III	Allied Practical - 1	Practical-1	2	2	Photography	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	900
		SEMESTER III					CIA	Uni. Exam	Total
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	5	4	Television and Radio Programming	25	75	100
	III	Core Practical	Practical-2	4	-	Design Principles I	0	0	0

19.	III	Allied-2	Paper-3	5	3	Basics of News Production	25	75	100
20.	VI	Skill based subject	Paper-1	2	2	Event Management	25	75	100
21.	IV	Non-Major Elective	Paper-1	2	2	Advertising	25	75	100
		Semester Total		30	19		150	450	600
		SEMESTER IV							
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	5	4	Audiography and Videography	25	75	100
25.	III	Core Practical	Practical-2	-	4	Design Principles I	25	75	100
26.	III	Core Practical	Practical-3	4	4	Television and Radio Production	25	75	100
27.	III	Allied-2	Paper-4	5	5	Advertising and Public Relations	25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-Major Elective	Paper-2	2	2	Photography	25	75	100
				30	29		200	600	800
		SEMESTER V							
30.	III	Core Theory	Paper-5	6	4	Film Studies	25	75	100
31.	III	Core Theory	Paper-6	6	4	Internet and Social Media Applications	25	75	100
32.	III	Core Theory	Paper-7	6	4	Market Study and Survey Techniques	25	75	100
	III	Core Practical	Practical-4	5	-	Design Principles II	0	0	0
33.	III	Internal Elective	Paper-1	5	3	Basics of Journalism	25	75	100
34.	IV	NMSDC : Marketing and Design Tools	Paper-3	2	2	Story Telling	100	-	100
		Semester Total		30	17		125	375	500
		SEMESTER VI							
35.	III	Core Theory	Paper-8	5	4	Media Laws and Ethics	25	75	100
36.	III	Core Theory	Paper-9	5	4	Managing Media Business	25	75	100
37.	III	Core Theory	Paper-10	5	4	Production Management	25	75	100
38.	III	Core Practical	Practical-4	-	4	Design Principles II	25	75	100
39.	III	Compulsory Project		5	5	Group / Individual Project	25	75	100
40.	III	Internal Elective	Paper-2	4	3	Marketing Communication	25	75	100
41.	III	Internal Elective	Paper-3	4	3	Light and Colour	25	75	100
42.	IV	Skill based subject	Paper-4	2	2	Visual Merchandising	25	75	100
43.	V	Extension Activities		-	1		100	-	100
44.	-	NMSDC : Employability Readiness	-	-	-	(choose any one) • Naandi • Unnati • Quest • Izpay	-	-	-

						• IBM Skills build			
		Semester Total		30	30		300	600	900
					140				4300

THIRUVALLUVAR UNIVERSITY

BACHELOR OF SCIENCE

B.Sc. ZOOLOGY

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	Invertebrata	25	75	100
	III	Core Practical	Practical-1	4	0	Invertebrata and chordata	0	0	0
4.	III	Allied -1	Paper-1	4	3	(To choose 1 out of 3) 1. Chemistry – I 2. Botany – I 3. Economic Entomology – I	25	75	100
	III	Allied- 1	Practical-1	2	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					CIA	Uni. Exam	Total
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	Chordata	25	75	100
10.	III	Core Practical	Practical-1	3	2	Invertebrata and chordata	25	75	100
11.	III	Allied-1	Paper-2	4	3	(To choose 1 out of 3) 1. Chemistry II 2. Botany II 3. Economic Entomology 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

		SEMESTER III					CIA	Uni. Exam	Total
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	4	4	Cell and molecular Biology	25	75	100
	III	Core Practical	Practical- II	3	0	Cell and molecular Biology	0	0	0
19.	III	Allied-2	Paper-3	4	3	(To choose 1 out of 3) 1. Chemistry - I 2. Botany - I 3. Economic Entomology - I	25	75	100
		Allied Practical - 2	Practical-2	3	0		0	0	0
20.	IV	Skill Based Subject	Paper-1	2	2	(To choose 1 out of 2) 1.Vermiculture 2. Single Cell Protein Culture	25	75	100
21.	IV	Non-Major Elective	Paper-1	2	2	(To choose 1 out of 2) 1.Public Health and Hygiene 2.Poultry Farming	25	75	100
		Sem. Total		30	19		150	450	600
		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	4	4	Genetics and Biotechnology	25	75	100
25.	III	Core Practical	Practical-2	3	3	Cell and molecular Biology and Genetics and Biotechnology	25	75	100
26.	III	Allied-2	Paper-4	4	3	(To choose 1 out of 3) 1. Chemistry II 2. Botany II 3. Economic Entomology II	25	75	100
27.	III	Allied Practical - 2	Practical-2	3	2		25	75	100
28.	IV	NMSDC : Digital Skills for Employability	Paper-2	2	2	Office Fundamentals	25	75	100
29.	IV	Non-Major Elective	Paper-2	2	2	(To choose 1 out of 2) 1. Bio-Fertilizer Production 2. Aquarium Fish keeping	25	75	100
		Sem. Total		30	24		200	600	800
		SEMESTER V					CIA	Uni. Exam	Total
30.	III	Core Theory	Paper-5	6	6	Bio-Statistics and Bio-Informatics	25	75	100
	III	Core Practical	Practical-3	3	0	Bio-Statistics and Bio-Informatics Developmental Biology and Immunology Animal Physiology	0	0	0

31.	III	Core Theory	Paper-6	6	6	Developmental Biology and Immunology	25	75	100
		Core Practical	Practical-4	3	0	Environmental Biology Economic Zoology	0	0	0
32.	III	Core Theory	Paper-7	6	5	Animal Physiology	25	75	100
33.	III	Internal Elective	Paper-1	4	3	(To choose 1 out of 2) 1. Nano Technology in Life Sciences 2. Human Endocrinology	25	75	100
34.	IV	NMSDC : Advanced Technology for Employability in Life Science	Paper-3	2	2	International Regulatory Requirement in Clinical Trial and Data Management	25	75	100
		Sem. Total		30	22		125	375	500
		SEMESTER VI					CIA	Uni. Exam	Total
35.	III	Core Theory	Paper-8	5	5	Environmental Biology	25	75	100
36.	III	Core Theory	Paper-9	5	5	Economic Zoology	25	75	100
37.	III	Core Practical	Practical-3	3	3	Bio-Statistics and Bio-Informatics Developmental Biology and Immunology Animal Physiology	25	75	100
38.	III	Core Practical	Practical-4	3	3	Environmental Biology Economic Zoology	25	75	100
39.	III	Compulsory Project	Paper-10	5	5	Individual / Group Project	25	75	100
40.	III	Internal Elective	Paper-2	3	3	(To choose 1 out of 2) 1. Evolution 2. Microbiology	25	75	100
41.	III	Internal Elective	Paper-3	3	3	(To choose 1 out of 2) 1. Bio Chemistry 2. Applied Entomology	25	75	100
42.	IV	Skill based Subject	Paper-4	3	2	(To choose 1 out of 2) 1. Medical Lab Technology 2. Industrial Fishery Management	25	75	100
43.	V	Extension Activities		0	1		100	0	100
44.		NMSDC : Employability Readiness				(choose any one) • Naandi • Unnati • Quest • Izpay • IBM Skills build			
		Sem. Total		30	30		300	600	900
					140				4300

