

**FOUNDATION PAPERS**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
PART I						
1.	FLT 30	Tamil III (All UG Courses)	4	25	75	100
2.	FLA 30	Arabic III (All UG Courses)	4	25	75	100
3.	FLF 30	French III (All UG Courses)	4	25	75	100
4.	FLH 30	Hindi III (All UG Courses)	4	25	75	100
5.	FLK 30	Kannada III (All UG Courses)	4	25	75	100
6.	FLM 30	Malayalam III (All UG Courses)	4	25	75	100
7.	FLS 30	Sanskrit III (All UG Courses)	4	25	75	100
8.	FLG 30	Telugu III (All UG Courses)	4	25	75	100
9.	FLU 30	Urdu III (All UG Courses)	4	25	75	100
PART II						
10.	FLE 30	English III (All UG Courses)	4	25	75	100
II YEAR (IV SEMESTER)						
PART I						
11.	FLT 40	Tamil IV (All UG Courses)	4	25	75	100
12.	FLA 40	Arabic IV (All UG Courses)	4	25	75	100
13.	FLF 40	French IV (All UG Courses)	4	25	75	100
14.	FLH 40	Hindi IV (All UG Courses)	4	25	75	100
15.	FLK 40	Kannada IV (All UG Courses)	4	25	75	100
16.	FLM 40	Malayalam IV (All UG Courses)	4	25	75	100
17.	FLS 40	Sanskrit IV (All UG Courses)	4	25	75	100
18.	FLG 40	Telugu IV (All UG Courses)	4	25	75	100
19.	FLU 40	Urdu IV (All UG Courses)	4	25	75	100
PART II						
20.	FLE 40	English IV (All UG Courses)	4	25	75	100

**FOR NON TAMIL LANGUAGES – NON MAJOR PAPER**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FNT 30A	Basic Tamil	2	25	75	100
2.	FNT 30B	Advanced Tamil	2	25	75	100
II YEAR (IV SEMESTER)						
3.	FNT 40A	Basic Tamil	2	25	75	100
4.	FNT 40B	Advanced Tamil	2	25	75	100

NOTE :

Candidates who have chosen (other than Tamil) Arabic, French, Hindi, Kannada, Malayalam, Sanskrit, Telugu and Urdu should choose CNT 30A, CNT 30B and CNT 40A, CNT 40B as their Non-Major subject.

COMMON PAPERS FOR ALL PG DEGREES

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GFS 30	Field Study	2	100	-	100

**B.A. ARABIC**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FAR 31	Grammar III	4	25	75	100
2.	FAR 32	Classical Prose I	4	25	75	100
3.	FAAR 33	History of Prophets III (Allied)	4	25	75	100
4.	FSOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
5.	FNAR 34	Arabic for Beginners (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
6.	FAR 41	Grammar IV	4	25	75	100
7.	FAR 42	Classical Prose II	4	25	75	100
8.	FAAR 43	History of Prophets IV (Allied)	4	25	75	100
9.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
10.	FNAR 44	Foundation Course in Arabic (NME II)	2	25	75	100
III YEAR (V SEMESTER)						
11.	FAR 51	Grammar V	4	25	75	100
12.	FAR 52	Arabic Poetry	4	25	75	100
13.	FAR 53	Modern Prose	4	25	75	100
14.	FAR 54	Rhetoric I	4	25	75	100
ELECTIVE						
15.	FEAR 55	Secretarial Practice in Arabic (Elective I)	3	25	75	100
SKILL BASED SUBJECT						
16.	FSAR 56	Communications Skills in Arabic (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
17.	FAR 61	Modern Poetry	4	25	75	100
18.	FAR 62	Rhetoric II	4	25	75	100
19.	FAR 63	Modern Arabic Literature	4	25	75	100
ELECTIVE						
20.	FEAR 64	Essays in Arabic (Elective II)	3	25	75	100
21.	FEAR 65	Conversational Arabic (Elective III)	3	25	75	100
SKILL BASED SUBJECT						
22.	FSAR 66	Computer Skills in Arabic (SBS IV)	2	25	75	100
23.	FPAAR 67	Group / Individual Project (Literary Project in Arabic)	4	25	75	100
NMSDC III (Choose any 1 out of 5)						
24.	FSNM 60A	Naandi	0	-	-	-
25.	FSNM 60B	Unnati	0	-	-	-
26.	FSNM 60C	Quest	0	-	-	-
27.	FSNM 60D	Izpay	0	-	-	-
28.	FSNM 60E	IBM Skills Build	0	-	-	-
29.	FEA 60	Extension Activities	1	100	-	100
			142			4300

**B.A. CORPORATE ECONOMICS**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FCE 31	Indian Economic Development I	3	25	75	100
2.	FCE 32	Monetary Economics	3	25	75	100
ALLIED (Choose any 1 out of 4)						
3.	FACE 33A	Mathematical Economics I	3	25	75	100
4.	FACE 33B	Cost Accounting	3	25	75	100
5.	FACE 33C	Labour Economics	3	25	75	100
6.	FACE 33D	Business Communication	3	25	75	100
7.	F SOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
8.	FNCE 34	Fundamentals of Corporate Economics I (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
9.	FCE 41	Indian Economic Development II	3	25	75	100
10.	FCE 42	Modern Banking	3	25	75	100
ALLIED (Choose any 1 out of 4)						
11.	FACE 43A	Mathematical Economics II	5	25	75	100
12.	FACE 43B	Management Accounting	5	25	75	100
13.	FACE 43C	International Trade	5	25	75	100
14.	FACE 43D	Marketing Management	5	25	75	100
15.	F SOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE II						
16.	FNCE 44	Fundamentals of Corporate Economics II (NME II)	2	25	75	100
III YEAR (V SEMESTER)						
17.	FCE 51	Macro Economics I	5	25	75	100
18.	FCE 52	Fiscal Economics	5	25	75	100
19.	FCE 53	Entrepreneurial Development	4	25	75	100
20.	FCE 54	Industrial Economics	4	25	75	100
ELECTIVE I (Choose any 1 out of 4)						
21.	FECE 55A	Financial Markets and Systems	3	25	75	100
22.	FECE 55B	Industrial Organization I	3	25	75	100
23.	FECE 55C	Corporate Social Responsibility	3	25	75	100
24.	FECE 55D	Computer Application for Economics (Theory)	3	25	75	100
SKILL BASED SUBJECT III						
25.	FSCE 56	Introduction to Research Methodology (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
26.	FCE 61	Macro Economics II	4	25	75	100
27.	FCE 62	Public Finance	4	25	75	100
28.	FCE 63	Environmental Economics	4	25	75	100
ELECTIVE (Choose any 1 out of 4)						
29.	FECE 64A	Corporate Governance and Business Ethics	3	25	75	100
30.	FECE 64B	Industrial Organisation II	3	25	75	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
31.	FECE 64C	Development Economics	3	25	75	100
32.	FPCE 64D	Practical: Computer Application for Economics	3	25	75	100
		ELECTIVE (Choose any 1 out of 4)				
33.	FECE 65A	Economics for Human Resource Management	3	25	75	100
34.	FECE 65B	Farm Management	3	25	75	100
35.	FECE 65C	Organisational Behaviour	3	25	75	100
36.	FECE 65D	Industrial Relations and Labour Laws	3	25	75	100
		SKILL BASED SUBJECT IV				
37.	FSCE 66	Digital Economy (SBS IV)	2	25	75	100
38.	FPCE 67	Group / Individual Project	5	25	75	100
39.	FSFC 60	Fintech Course I (NMSDC III)	-	-	-	-
40.	FEA 60	Extension Activities	1	100	-	100
			142			4400



B.A. DEFENCE AND STRATEGIC STUDIES

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FDS 31	The Art of Warfare in India Since 16 th Century	4	25	75	100
2.	FDS 32	World Military History II (Since American War of Independence to World War II)	4	25	75	100
3.	FADS 33	General Economics I (Allied)	3	25	75	100
4.	F SOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
5.	FNDS 34	Fundamentals of Defence and Strategic Studies (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
6.	FDS 41	International Relations and Organizations	4	25	75	100
7.	FDS 42	Limited Wars	3	25	75	100
8.	FADS 43	General Economics II (Allied)	5	25	75	100
9.	F SOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
10.	FNDS 44	Fundamentals National Security (NME II)	2	25	75	100
III YEAR (V SEMESTER)						
11.	FDS 51	Armed Forces and Society	4	25	75	100
12.	FDS 52	Strategic Thought	4	25	75	100
13.	FDS 53	Nuclear Warfare	4	25	75	100
14.	FDS 54	Defence Economics	4	25	75	100
ELECTIVE I (Choose any 1 out of 3)						
15.	FEDS 55A	Warfare in Independent India	3	25	75	100
16.	FEDS 55B	Military Geography	3	25	75	100
17.	FEDS 55C	Essentials of Public Administration	3	25	75	100
SKILL BASED SUBJECT III						
18.	FSDS 56	Conflict and Media (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
19.	FDS 61	National Security of India	4	25	75	100
20.	FDS 62	Introduction to International Law	4	25	75	100
21.	FDS 63	Arms Control and Disarmament	3	25	75	100
ELECTIVE II (Choose any 1 out of 3)						
22.	FEDS 64A	Specialized Warfare	3	25	75	100
23.	FEDS 64B	Warfare and Technology	3	25	75	100
24.	FEDS 64C	Elementary Study of the Constitution of India	3	25	75	100
ELECTIVE III (Choose any 1 out of 3)						
25.	FEDS 65A	Defence Management	3	25	75	100
26.	FEDS 65B	Human Rights	3	25	75	100
27.	FEDS 65C	Terrorism	3	25	75	100
SKILL BASED SUBJECT						
28.	FSDS 66	Basics of Defence Journalism (SBS IV)	2	25	75	100
29.	FPDS 67	Group / Individual Project	5	25	75	100
NMSDC III (Choose any 1 out of 5)						
30.	F SNM 60A	Naandi	0	-	-	-



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
31.	FSNM 60B	Unnati	0	-	-	-
32.	FSNM 60C	Quest	0	-	-	-
33.	FSNM 60D	Izpay	0	-	-	-
34.	FSNM 60E	IBM Skills Build	0	-	-	-
35.	FEA 60	Extension Activities	1	100	-	100
			142			4400

**B.A. ECONOMICS**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FEC 31	Indian Economy I	3	25	75	100
2.	FEC 32	Monetary Economics I	3	25	75	100
ALLIED (Choose any 1 out of 4)						
3.	FAEC 33A	Economics of Entrepreneurship	3	25	75	100
4.	FAEC 33B	Economic Development of Tamil Nadu I	3	25	75	100
5.	FAEC 33C	Women and the Economy	3	25	75	100
6.	FAEC 33D	Cost and Management Accounting I	3	25	75	100
7.	FEOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE I						
8.	FNEC 34	Fundamentals of Economics I (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
9.	FEC 41	Indian Economy II	3	25	75	100
10.	FEC 42	Monetary Economics II	3	25	75	100
ALLIED (Choose any 1 out of 4)						
11.	FAEC 43A	Basics Econometrics	5	25	75	100
12.	FAEC 43B	Economic Development of Tamil Nadu II	5	25	75	100
13.	FAEC 43C	Development Economics	5	25	75	100
14.	FAEC 43D	Cost and Management Accounting II	5	25	75	100
15.	FEOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
16.	FNEC 44	Fundamentals of Economics II (NME II)	2	25	75	100
III YEAR (V SEMESTER)						
17.	FEC 51	Macro Economics I	4	25	75	100
18.	FEC 52	Fiscal Economics I	5	25	75	100
19.	FEC 53	Managerial Economics	4	25	75	100
20.	FEC 54	Industrial Economics	4	25	75	100
ELECTIVE I (Choose any 1 out of 4)						
21.	FEEC 55A	Environmental Economics I	3	25	75	100
22.	FEEC 55B	International Trade I	3	25	75	100
23.	FEEC 55C	Industrial Organization I	3	25	75	100
24.	FEEC 55D	Economics of Capital Market and Digital Economy	3	25	75	100
SKILL BASED SUBJECT						
25.	FSEC 56	Introduction to Research Methodology (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
26.	FEC 61	Macro Economics II	5	25	75	100
27.	FEC 62	Fiscal Economics II	4	25	75	100
28.	FEC 63	History of Economic Thought	4	25	75	100
ELECTIVE II (Choose any 1 out of 4)						
29.	FEEC 64A	Environmental Economics II	3	25	75	100
30.	FEEC 64B	International Trade II	3	25	75	100
31.	FEEC 64C	Industrial Organisation II	3	25	75	100
32.	FEEC 64D	Energy Economics	3	25	75	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
		ELECTIVE III (Choose any 1 out of 4)				
33.	FEEC 65A	Labour Economics	3	25	75	100
34.	FEEC 65B	Insurance and Economics	3	25	75	100
35.	FEEC 65C	Demography	3	25	75	100
36.	FEEC 65D	Economics of Development and Planning	3	25	75	100
37.	FPEC 66	Group / Individual Project	5	25	75	100
38.	FSFC 60	Fintech Course I (NMSDC III)	2	25	75	100
39.	FEA 60	Extension Activities	1	100	–	100
			142			4300



B. A. ENGLISH

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FEN 31	British Literature II	4	25	75	100
2.	FEN 32	Introduction to English Phonetics	4	25	75	100
3.	FAEN 33	History of English Literature I	3	25	75	100
4.	FSOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
5.	FNEN 34	Language Skills and Communication I (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
6.	FEN 41	British Literature III	4	25	75	100
7.	FEN 42	History of English Language	3	25	75	100
8.	FAEN 43	History of English Literature II	5	25	75	100
9.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
10.	FNEN 44	Language Skills and Communication II (NME II)	2	25	75	100
III YEAR (V SEMESTER)						
11.	FEN 51	British Literature IV	4	25	75	100
12.	FEN 52	Shakespeare	4	25	75	100
13.	FEN 53	Literary Criticism	4	25	75	100
14.	FEN 54	Subaltern Literature	4	25	75	100
ELECTIVE (Choose any 1 out of 2)						
15.	FEEN 55A	Children Literature	3	25	75	100
16.	FEEN 55B	Journalism	3	25	75	100
SKILL BASED SUBJECT						
17.	FSEN 56	Content Writing (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
18.	FEN 61	Contemporary Literature	4	25	75	100
19.	FEN 62	Indian Writing in Translation	4	25	75	100
20.	FEN 63	New Literatures in English	3	25	75	100
ELECTIVE (Choose any 1 out of 2)						
21.	FEEN 64A	English for Information Technology	3	25	75	100
22.	FEEN 64B	Film Appreciation and Book Review	3	25	75	100
ELECTIVE (Choose any 1 out of 2)						
23.	FEEN 65A	English for Specific Purpose	3	25	75	100
24.	FEEN 65B	Creative Writing	3	25	75	100
SKILL BASED SUBJECT						
25.	FSEN 66	English Language Teaching (SBS IV)	2	25	75	100
26.	FPEN 67	Group / Individual Project	5	25	75	100
NMSDC III (Choose any 1 out of 5)						
27.	FSNM 60A	Naandi	0	-	-	-
28.	FSNM 60B	Unnati	0	-	-	-
29.	FSNM 60C	Quest	0	-	-	-
30.	FSNM 60D	Izpay	0	-	-	-
31.	FSNM 60E	IBM Skills Build	0	-	-	-
32.	FEA 60	Extension Activities	1	100	-	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
			142			4300

**B. A. HISTORY**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FHI 31	History of India from 1947 to 2014 CE	3	25	75	100
2.	FHI 32	History of Tamil Nadu upto 1336 CE	3	25	75	100
ALLIED (Choose any 1 out of 4)						
3.	FAHI 33A	Tourism I	3	25	75	100
4.	FAHI 33B	Indian Economy I	3	25	75	100
5.	FAHI 33C	Media Studies I	3	25	75	100
6.	FAHI 33D	Journalism I	3	25	75	100
7.	F SOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE (Choose any 1 out of 2)						
8.	FNHI 34A	Fundamentals of Defence and Strategic Studies (NME I)	2	25	75	100
9.	FNHI 34B	National Movement in India (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
10.	FHI 41	History of Tamil Nadu from 1336 to 1806 CE	3	25	75	100
11.	FHI 42	History of Tamil Nadu from 1806 to 2011 CE	3	25	75	100
ALLIED (Choose any 1 out of 4)						
12.	FAHI 43A	Tourism II	5	25	75	100
13.	FAHI 43B	Indian Economy II	5	25	75	100
14.	FAHI 43C	Media Studies II	5	25	75	100
15.	FAHI 43D	Journalism II	5	25	75	100
16.	F SOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE (Choose any 1 out of 2)						
17.	FNHI 44A	Fundamentals of National Security (NME II)	2	25	75	100
18.	FNHI 44B	Indian Constitution (NME II)	2	25	75	100
III YEAR (V SEMESTER)						
19.	FHI 51	History of Europe from 1453 to 1789 CE	4	25	75	100
20.	FHI 52	History of USA from 1861 to 1932 CE	4	25	75	100
21.	FHI 53	History of China and Japan from 1900 to 2000 CE	5	25	75	100
22.	FHI 54	Constitutional History of India from 1773 to 1950 CE	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
23.	FEHI 55A	History of Freedom Movement in TamilNadu from 1800 to 1947 CE	3	25	75	100
24.	FEHI 55B	Women Development in TamilNadu from 1900 to 2000 CE	3	25	75	100
25.	FEHI 55C	Archaeology I	3	25	75	100
SKILL BASED SUBJECT						
26.	F SHI 56	Competitive Examinations (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
27.	FHI 61	History of Europe from 1789 to 1945 CE	5	25	75	100
28.	FHI 62	History of USA from 1932 to 2000 CE	4	25	75	100
29.	FHI 63	International Relations Since 1945 CE	4	25	75	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
ELECTIVE (Choose any 1 out of 4)						
30.	FEHI 64A	History of Science and Technology in India upto 1900 CE	3	25	75	100
31.	FEHI 64B	Dravidian Movement in TamilNadu upto 1947 CE	3	25	75	100
32.	FEHI 64C	History of the Arabs from 750 to 1258 CE	3	25	75	100
33.	FEHI 64D	History of Russia from Early times to 1917 CE	3	25	75	100
ELECTIVE (Choose any 1 out of 4)						
34.	FEHI 65A	History of Science and Technology Since 1900 CE	3	25	75	100
35.	FEHI 65B	Dravidian Movement in TamilNadu Since 1947 CE	3	25	75	100
36.	FEHI 65C	An Introduction to Museology	3	25	75	100
37.	FEHI 65D	Archaeology II	3	25	75	100
SKILL BASED SUBJECT						
38.	FSHI 66	Growth of Panchayat Raj Institutions in TamilNadu (SBS IV)	2	25	75	100
39.	FPHI 67	Group / Individual Project	5	25	75	100
NMSDC III (Choose any 1 out of 5)						
40.	FSNM 60A	Naandi	0	-	-	-
41.	FSNM 60B	Unnati	0	-	-	-
42.	FSNM 60C	Quest	0	-	-	-
43.	FSNM 60D	Izpay	0	-	-	-
44.	FSNM 60E	IBM Skills Build	0	-	-	-
45.	FEA 60	Extension Activities	1	100	-	100
			142			4100

**B.A. POLITICAL SCIENCE**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FPS 31	Modern Governments I (UK, USA and Switzerland)	4	25	75	100
2.	FPS 32	Western Political Thought I (Plato, Machiavelli)	4	25	75	100
3.	FAPS 33	History of India from 1885 - 2001 (Allied)	3	25	75	100
4.	FSOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE I						
5.	FFNPS 34	Indian National Movement (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
6.	FPS 41	Modern Governments II (France, China, Japan)	4	25	75	100
7.	FPS 42	Western Political Thought II	3	25	75	100
ALLIED						
8.	FAPS 43	Principles of Public Administration (Allied)	5	25	75	100
9.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE II						
10.	FNPS 44	Judicial System in India (NME II)	2	25	75	100
III YEAR (V SEMESTER)						
11.	FPS 51	Government and Politics in Tamil Nadu	4	25	75	100
12.	FPS 52	Contemporary Political Ideologies	4	25	75	100
13.	FPS 53	Modern Political Theory	4	25	75	100
14.	FPS 54	Indian Political System	4	25	75	100
ELECTIVE						
15.	FEPS 55	Social Welfare Administration (Elective I)	2	25	75	100
SKILL BASED SUBJECT						
16.	FSPS 56	NGO Management (SBE III)	3	25	75	100
III YEAR (VI SEMESTER)						
17.	FPS 61	Indian Political Thought	4	25	75	100
18.	FPS 62	E- Governance	4	25	75	100
19.	FPS 63	Citizen and Civic Engagement	3	25	75	100
ELECTIVE						
20.	FEPS 64	International Relations (Elective II)	3	25	75	100
21.	FEPS 65	Parliamentary System in India (Elective III)	3	25	75	100
SKILL BASED SUBJECT						
22.	FSPS 66	Local Governance and Administration in India	2	25	75	100
23.	FPPS 67	Group / Individual Project	5	25	75	100
NMSDC III (Choose any 1 out of 5)						
24.	FSNM 60A	Naandi	0	-	-	-
25.	FSNM 60B	Unnati	0	-	-	-
26.	FSNM 60C	Quest	0	-	-	-
27.	FSNM 60D	Izpay	0	-	-	-
28.	FSNM 60E	IBM Skills Build	0	-	-	-
29.	FEA 60	Extension Activities	1	100	-	100
			142			4300



B.A. TAMIL

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
		இரண்டாம் ஆண்டு (மூன்றாம் பருவம்)				
1.	FTA 31	இலக்கியம் 3 சமயப்பாடல்களும் சிற்றிலக்கியங்களும்	3	25	75	100
2.	FTA 32	இலக்கணம் 3 யாப்பருங்கலக்காரிகை	3	25	75	100
3.	FATA 33	தமிழ் இலக்கிய வரலாறு 1 (சார்புப்பாடம்)	4	25	75	100
4.	FSOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
		துறை சாரா விருப்பப்பாடம்				
5.	FNTA 34	தமிழ்மொழி - அடிப்படை இலக்கணம் (துறை சாரா விருப்பப்பாடம் 1)	2	25	75	100
		இரண்டாம் ஆண்டு (நான்காம் பருவம்)				
6.	FTA 41	இலக்கியம் 4 காப்பியங்கள்	3	25	75	100
7.	FTA 42	இலக்கணம் 4 தண்டியலங்காரம் (பொருளணியியல் மட்டும்)	3	25	75	100
8.	FATA 43	தமிழ் இலக்கிய வரலாறு 2 (சார்புப்பாடம்)	4	25	75	100
9.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
		துறை சாரா விருப்பப்பாடம்				
10.	FNTA 44	இணையம் (துறை சாரா விருப்பப்பாடம் 2)	2	25	75	100
		மூன்றாம் ஆண்டு (ஐந்தாம் பருவம்)				
11.	FTA 51	இலக்கியம் 5 சங்க இலக்கியம் (அகம்)	4	25	75	100
12.	FTA 52	இலக்கணம் 5 (அகம்)	4	25	75	100
13.	FTA 53	தமிழ்மொழி வரலாறு	4	25	75	100
14.	FTA 54	இலக்கியத் திறனாய்வு	4	25	75	100
		ELECTIVE I (Choose any 1 out of 3)				
15.	FETA 55A	தகவல் தொழில்நுட்பம்	3	25	75	100
16.	FETA 55B	நாட்டுப்புறவியல்	3	25	75	100
17.	FETA 55C	விளம்பரக்கலை	3	25	75	100
		திறன் அடிப்படையிலான விருப்பப்பாடம்				
18.	FSTA 56	தொல்லியல் (திறன் அடிப்படையிலான விருப்பப்பாடம் 3)	2	25	75	100
		மூன்றாம் ஆண்டு (ஆறாம் பருவம்)				
19.	FTA 61	இலக்கியம் 6 சங்க இலக்கியம் (புறம்)	4	25	75	100
20.	FTA 62	இலக்கணம் 6 (புறம்)	4	25	75	100
21.	FTA 63	திராவிட மொழிகளின் ஒப்பிலக்கணம்	4	25	75	100
		ELECTIVE (Choose any 1 out of 3)				
22.	FETA 64A	இதழியல்	3	25	75	100
23.	FETA 64B	புத்தகப் பதிப்பியல்	3	25	75	100
24.	FETA 64C	தமிழ் உரைநடை வரலாறு	3	25	75	100
		ELECTIVE (Choose any 1 out of 3)				
25.	FETA 65A	தமிழர் அழகுக் கலைகள்	3	25	75	100
26.	FETA 65B	பெண்ணியல்	3	25	75	100
27.	FETA 65C	சுற்றுலாவியல்	3	25	75	100
		திறன் அடிப்படையிலான விருப்பப்பாடம்				
28.	FSTA 66	தகவல் தொடர்பியல் (திறன் அடிப்படையிலான விருப்பப்பாடம் 4)	2	25	75	100
29.	FPTA 67	Group / Individual Project	5	25	75	100
		NMSDC III (Choose any 1 out of 5)				
30.	FSNM 60A	Naandi	0	-	-	-
31.	FSNM 60B	Unnati	0	-	-	-



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
32.	FSNM 60C	Quest	0	-	-	-
33.	FSNM 60D	Izpay	0	-	-	-
34.	FSNM 60E	IBM Skills Build	0	-	-	-
35.	FEA 60	விரிவாக்கச் செயல்பாடுகள்	1	100	-	100
			142			4300

**B.B.A.**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FBA 31	Financial Accounting	4	25	75	100
2.	FBA 32	Human Resource Management	4	25	75	100
ALLIED (Choose any 1 out of 3)						
3.	FABA 33A	Office Management	3	25	75	100
4.	FABA 33B	Services Marketing	3	25	75	100
5.	FABA 33C	Tourism Management	3	25	75	100
6.	FSOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
7.	FNBA 34	Management Concepts (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
8.	FBA 41	Organizational Behavior	4	25	75	100
9.	FBA 42	Management Accounting	4	25	75	100
ALLIED (Choose any 1 out of 3)						
10.	FABA 43A	Retail Management	5	25	75	100
11.	FABA 43B	Project Management	5	25	75	100
12.	FABA 43C	Hotel Management	5	25	75	100
13.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
14.	FNBA 44	Training and Development (NME II)	2	25	75	100
III YEAR (V SEMESTER)						
15.	FBA 51	Marketing Management	4	25	75	100
16.	FBA 52	Business Law	4	25	75	100
17.	FBA 53	Research Methodology	4	25	75	100
18.	FBA 54	Production and Management	4	25	75	100
ELECTIVE I (Choose any 1 out of 3)						
19.	FEBA 55A	Industrial Relations and Labour Laws	3	25	75	100
20.	FEBA 55B	Reward Management	3	25	75	100
21.	FEBA 55C	Change Management	3	25	75	100
SKILL BASED SUBJECT						
22.	FSBA 56	E-Business (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
23.	FBA 61	Strategic Management	5	25	75	100
24.	FBA 62	International Business	5	25	75	100
ELECTIVE II (Choose any 1 out of 3)						
25.	FEBA 63A	Financial Management	3	25	75	100
26.	FEBA 63B	Financial Services	3	25	75	100
27.	FEBA 63C	Investment Management	3	25	75	100
ELECTIVE III (Choose any 1 out of 3)						
28.	FEBA 64A	Marketing Research	3	25	75	100
29.	FEBA 64B	Rural Marketing Management	3	25	75	100
30.	FEBA 64C	Advertising and Sales Management	3	25	75	100
31.	FPBA 65	Group / Individual Project	5	25	75	100
32.	FSFC 60	Fintech Course (NMSDC III)	2	25	75	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
33.	FEA 60	Extension Activities	1	100	–	100
			142			4200

**B. C. A.**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FCA 31	Programming in JAVA	4	25	75	100
2.	FACM 15C	Financial Accounting I (Allied)	3	25	75	100
SKILL BASED SUBJECT						
3.	FSCC 30	Fundamentals of Coding and Cloud	2	25	75	100
NON MAJOR ELECTIVE						
4.	FNCA 33	Introduction to Information Technology (NME I)	2	25	75	100
PRACTICAL						
5.	FPCA 34	Practical III – Programming in JAVA Lab	3	25	75	100
II YEAR (IV SEMESTER)						
6.	FCA 41	Relational Database Management Systems	4	25	75	100
7.	FACM 25C	Financial Accounting II (Allied)	5	25	75	100
8.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
9.	FNCA 42	Internet Technology (NME II)	2	25	75	100
PRACTICAL						
10.	FPCA 43	Practical IV – RDBMS Lab	3	25	75	100
III YEAR (V SEMESTER)						
11.	FCA 51	Mobile Application Development	4	25	75	100
12.	FCA 52	Operating System	4	25	75	100
13.	FCA 53	Design and Analysis of Algorithms	2	25	75	100
ELECTIVE I (Choose any 1 out of 3)						
14.	FECA 54A	Data Mining	3	25	75	100
15.	FECA 54B	Information Security	3	25	75	100
16.	FECA 54C	Software Testing	3	25	75	100
SKILL BASED SUBJECT						
17.	FSCA 55	Software Engineering (SBS III)	2	25	75	100
PRACTICAL						
18.	FPCA 56	Practical V – Mobile Applications Development Lab	3	25	75	100
19.	FPCA 57	Practical VI – Operating System Lab	3	25	75	100
III YEAR (VI SEMESTER)						
20.	FCA 61	Open Source Software	4	25	75	100
21.	FCA 62	Python Programming	4	25	75	100
ELECTIVE II (Choose any 1 out of 3)						
22.	FECA 63A	Big Data Analytics	3	25	75	100
23.	FECA 63B	Cryptography	3	25	75	100
24.	FECA 63C	Digital Image Processing	3	25	75	100
ELECTIVE III (Choose any 1 out of 3)						
25.	FECA 64A	Artificial Intelligence	3	25	75	100
26.	FECA 64B	System Software	3	25	75	100
27.	FECA 64C	Mobile Computing	3	25	75	100
PRACTICAL						
28.	FPCA 65	Practical VII – Python Programming Lab	2	25	75	100
29.	FPCA 66	Practical VIII – Open Source	2	25	75	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
		Programming Lab				
30.	FPCA 67	Group / Individual Project	5	25	75	100
		Choose any 1 out of 2 (NMSDC III)				
31.	FSNM 60A	PBL Android App Development	2	25	75	100
32.	FSNM 60B	Machine Learning	2	25	75	100
33.	FEA 60	Extension Activities	1	100	–	100
			142			4500

**B.COM.**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FCM 31	Corporate Accounting I	5	25	75	100
2.	FCM 32	Legal Aspects of Business	4	25	75	100
3.	FACM 33	Business Economics I (Allied)	3	25	75	100
4.	FSOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
5.	FNCM 34	General Commercial Knowledge (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
6.	FCM 41	Corporate Accounting II	4	25	75	100
7.	FCM 42	Business Management	4	25	75	100
8.	FACM 43	Business Economics II (Allied)	5	25	75	100
9.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
10.	FNCM 44	Advertisement and Salesmanship (NME II)	2	25	75	100
III YEAR (V SEMESTER)						
11.	FCM 51	Cost Accounting I	4	25	75	100
12.	FCM 52	Practical Auditing	4	25	75	100
13.	FCM 53	Management Accounting	5	25	75	100
14.	FCM 54	Income Tax Law and Practice I	4	25	75	100
ELECTIVE I (Choose any 1 out of 3)						
15.	FECM 55A	Entrepreneurial Development	3	25	75	100
16.	FECM 55B	Business Environment	3	25	75	100
17.	FECM 55C	Management Information System	3	25	75	100
SKILL BASED SUBJECT						
18.	FSCM 56	Principles of Marketing (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
19.	FCM 61	Cost Accounting II	4	25	75	100
20.	FCM 62	Income Tax Law and Practice II	4	25	75	100
21.	FCM 63	Financial Management	4	25	75	100
ELECTIVE II (Choose any 1 out of 3)						
22.	FECM 64A	Innovation Management	3	25	75	100
23.	FECM 64B	Logistics Management	3	25	75	100
24.	FECM 64C	Service Marketing	3	25	75	100
ELECTIVE III (Choose any 1 out of 3)						
25.	FECM 65A	Customs and GST	3	25	75	100
26.	FECM 65B	Investment Management	3	25	75	100
27.	FECM 65C	Financial Services	3	25	75	100
28.	FPCM 66	Group / Individual Project	5	25	75	100
29.	FSFC 60	Fintech Course (NMSDC III)	2	25	75	100
30.	FEA 60	Extension Activities	1	100	–	100
			142			4100

**B.COM. COMPUTER APPLICATION**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FCP 31	Corporate Accounting I	4	25	75	100
2.	FCP 32	Management Information Systems	3	25	75	100
ALLIED						
3.	FACP 33	Merchant Banking (Allied)	3	25	75	100
4.	FSOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
5.	FNCP 34	Elements of Accountancy (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
6.	FCP 41	Corporate Accounting II	4	25	75	100
7.	FCP 42	RDBMS	4	25	75	100
ALLIED						
8.	FACP 43	E-Commerce and Its Applications (Allied)	5	25	75	100
9.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
10.	FNCP 44	Advertising and Salesmanship (NME II)	2	25	75	100
PRACTICAL						
11.	FPCP 45	Practical II – RDBMS Lab	3	25	75	100
III YEAR (V SEMESTER)						
12.	FCP 51	Cost Accounting I	4	25	75	100
13.	FCP 52	Management Accounting	4	25	75	100
14.	FCP 53	Business Management	4	25	75	100
15.	FCP 54	Internet and Its Applications	4	25	75	100
ELECTIVE I (Choose any 1 out of 3)						
16.	FECF 55A	Entrepreneurial Development	3	25	75	100
17.	FECF 55B	Practical Auditing	3	25	75	100
18.	FECF 55C	Income Tax Law and Practice I	3	25	75	100
SKILL BASED SUBJECT						
19.	FSCP 56	Financial Management (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
20.	FCP 61	Cost Accounting II	4	25	75	100
21.	FCP 62	Web Technology	4	25	75	100
ELECTIVE II (Choose any 1 out of 3)						
22.	FECF 63A	Income Tax Law and Practice II	3	25	75	100
23.	FECF 63B	Business Environment	3	25	75	100
24.	FECF 63C	Services Marketing	3	25	75	100
ELECTIVE III (Choose any 1 out of 3)						
25.	FECF 64A	Software Engineering	3	25	75	100
26.	FECF 64B	Data Mining	3	25	75	100
27.	FECF 64C	Internet of Things	3	25	75	100
PRACTICAL						
28.	FPCP 65	Practical III – Web Technology Lab	4	25	75	100
29.	FPCP 66	Group / Individual Project	5	25	75	100
30.	FSFC 60	Fintech Course (NMSDC III)	2	25	75	100
31.	FEA 60	Extension Activities	1	100	–	100
			142			4300

**B.COM. CORPORATE SECRETARYSHIP**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FKS 31	Company Law and Secretarial Practice I	3	25	75	100
2.	FKS 32	Corporate Accounting I	3	25	75	100
ALLIED (Choose any 1 out of 4)						
3.	FAKS 33A	Statistics I	3	25	75	100
4.	FAKS 33B	Introduction to Tally Accounting	3	25	75	100
5.	FAKS 33C	Corporate Finance	3	25	75	100
6.	FAKS 33D	International Trade	3	25	75	100
7.	F SOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
8.	FNKS 34	Service Marketing (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
9.	FKS 41	Company Law and Secretarial Practice II	3	25	75	100
10.	FKS 42	Corporate Accounting II	3	25	75	100
ALLIED (Choose any 1 out of 4)						
11.	FAKS 43A	Statistics II	5	25	75	100
12.	FAKS 43B	Business Mathematics	5	25	75	100
13.	FAKS 43C	Investment Management	5	25	75	100
14.	FAKS 43D	Organizational Behaviour	5	25	75	100
15.	F SOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
16.	FNKS 44	Project Management (NME II)	2	25	75	100
III YEAR (V SEMESTER)						
17.	FKS 51	Cost Accounting	4	25	75	100
18.	FKS 52	Financial Services	4	25	75	100
19.	FKS 53	Income Tax Law and Practice I	4	25	75	100
20.	FKS 54	Commercial Law	4	25	75	100
ELECTIVE I (Choose any 1 out of 3)						
21.	FEKS 55A	Entrepreneurial Development	3	25	75	100
22.	FEKS 55B	Industrial Relation	3	25	75	100
23.	FEKS 55C	Corporate Legal Framework	3	25	75	100
SKILL BASED SUBJECT						
24.	FSKS 56	Research Methodology (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
25.	FKS 61	Management Accounting	5	25	75	100
26.	FKS 62	Auditing	5	25	75	100
27.	FKS 63	Income Tax Law and Practice II	4	25	75	100
ELECTIVE II (Choose any 1 out of 3)						
28.	FEKS 64A	Corporate Communication	3	25	75	100
29.	FEKS 64B	Banking Theory and Practice	3	25	75	100
30.	FEKS 64C	Financial Management	3	25	75	100
ELECTIVE III (Choose any 1 out of 3)						
31.	FEKS 65A	Marketing Management	3	25	75	100
32.	FEKS 65B	Corporate Social Responsibility	3	25	75	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
33.	FEKS 65C	Corporate Governance in India	3	25	75	100
34.	FPKS 66	Group / Individual Project	5	25	75	100
35.	FSFC 60	Fintech Course (NMSDC III)	2	25	75	100
36.	FEA 60	Extension Activities	1	100	–	100
			140			4300

**B.COM. FINANCE AND ACCOUNTS**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FFA 31	Corporate Accounting I	4	25	75	100
2.	FFA 32	Financial Management	3	25	75	100
3.	Fafa 33	Business Statistics (Allied II)	3	25	75	100
4.	FSOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
5.	FNFA 34	General Commercial Knowledge (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
6.	FFA 41	Corporate Accounting II	4	25	75	100
7.	FFA 42	Portfolio Management	2	25	75	100
ALLIED						
8.	Fafa 43	Operation Research (Allied II)	5	25	75	100
9.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
10.	FNFA 44	Principles of Accountancy (NME II)	2	25	75	100
III YEAR (V SEMESTER)						
11.	FFA 51	Cost Accounting I	4	25	75	100
12.	FFA 52	Management Accounting	4	25	75	100
13.	FFA 53	Income Tax Law and Practice I	5	25	75	100
14.	FFA 54	Computerized Accounting	4	25	75	100
ELECTIVE I (Choose any 1 out of 3)						
15.	FEFA 55A	Management Information System	3	25	75	100
16.	FEFA 55B	Business Management	3	25	75	100
17.	FEFA 55C	Human Resource Management	3	25	75	100
SKILL BASED SUBJECT						
18.	FSFA 56	Customs, Goods and Services Tax (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
19.	FFA 61	Cost Accounting II	4	25	75	100
20.	FFA 62	Working Capital Management	4	25	75	100
21.	FFA 63	Income Tax Law and Practice II	4	25	75	100
ELECTIVE II (Choose any 1 out of 3)						
22.	FEFA 64A	Practical Auditing	3	25	75	100
23.	FEFA 64B	Inventory Management	3	25	75	100
24.	FEFA 64C	Entrepreneurial Development	3	25	75	100
ELECTIVE III (Choose any 1 out of 3)						
25.	FEFA 65A	Financial Institutions and Markets	3	25	75	100
26.	FEFA 65B	Marketing Management	3	25	75	100
27.	FEFA 65C	Business Environment	3	25	75	100
28.	FPFA 66	Group / Individual Project	5	25	75	100
29.	FSFC 60	Fintech Course (NMSDC III)	2	25	75	100
30.	FEA 60	Extension Activities	1	100	–	100
			142			4300



BACHELOR OF SOCIAL WORK

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FSW 31	Social Legislations	4	25	75	100
2.	FSW 32	Social Work with Groups	4	25	75	100
ALLIED						
3.	FASW 33	Women and Development (Allied)	3	25	75	100
4.	FSOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
5.	FNSW 34	Professional Skill Development (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
6.	FSW 41	Social Work in Hospitals	3	25	75	100
7.	FSW 42	Social Work with Communities	3	25	75	100
ALLIED						
8.	FASW 43	Demography and Population Dynamics (Allied)	5	25	75	100
9.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
10.	FNSW 44	Basic Skills in Counselling (NME II)	2	25	75	100
PRACTICAL						
11.	FPSW 45	Practical I – Concurrent Field Work I	3	40	60	100
III YEAR (V SEMESTER)						
12.	FSW 51	Fundamentals of Social Work Research	4	25	75	100
13.	FSW 52	Social Welfare Administration	4	25	75	100
14.	FSW 53	Entrepreneurship Development	4	25	75	100
15.	FSW 54	Family and Child Welfare	3	25	75	100
ELECTIVE						
16.	FESW 55	Development Communication (Elective I)	3	25	75	100
SKILL BASED SUBJECT						
17.	FSSW 56	Project Management (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
18.	FSW 61	Social Work in Industries	3	25	75	100
19.	FSW 62	Correctional Social Work	3	25	75	100
ELECTIVE						
20.	FESW 63	Human Rights (Elective II)	3	25	75	100
21.	FESW 64	Social Work Among Those Differently Abled (Elective III)	3	25	75	100
SKILL BASED SUBJECT						
22.	FSSW 65	Fundamentals of Accounting (SBS IV)	2	25	75	100
PRACTICAL						
23.	FPSW 66	Practical II – Concurrent Field Work II	4	40	60	100
24.	FPSW 67	Group / Individual Project	5	25	75	100
NMSDC III (Choose any 1 out of 5)						
25.	FSNM 60A	Naandi	0	-	-	-
26.	FSNM 60B	Unnati	0	-	-	-
27.	FSNM 60C	Quest	0	-	-	-
28.	FSNM 60D	Izpay	0	-	-	-
29.	FSNM 60E	IBM Skills Build	0	-	-	-
30.	FEA 60	Extension Activities	1	100	-	100
			142			4400

**B.SC. ARTIFICIAL INTELLIGENCE**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FAI 31	Tensor Flow	3	25	75	100
ALLIED						
2.	FAAI 32	Statistical Methods and Their Applications I	3	25	75	100
SKILL BASED SUBJECT						
3.	FSCC 30	Fundamentals of Coding and Cloud	2	25	75	100
NON MAJOR ELECTIVE						
4.	FNAI 34	Introduction to Information Technology (NME I)	2	25	75	100
PRACTICAL						
5.	FPAI 35	Practical III – Tensor Flow Lab	3	25	75	100
II YEAR (IV SEMESTER)						
6.	FAI 41	Advanced Python Programming	3	25	75	100
ALLIED						
7.	FAAI 42	Statistical Methods and their Applications II	3	25	75	100
8.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
9.	FNAI 43	Internet Technology (NME II)	2	25	75	100
PRACTICAL						
10.	FPAI 44	Practical IV – Advanced Python Programming Lab	3	25	75	100
11.	FPAI 45	Practical – Statistics Practical (Allied)	2	25	75	100
III YEAR (V SEMESTER)						
12.	FAI 51	Principles of Robotics	4	25	75	100
13.	FAI 52	R Programming	4	25	75	100
14.	FAI 53	Artificial Intelligence & Knowledge Representation	3	25	75	100
ELECTIVE I						
15.	FEAI 54	Fuzzy Logic and Neural Networks	3	25	75	100
SKILL BASED SUBJECT						
16.	FSAI 55	Relational Database Management System (SBS III)	2	25	75	100
PRACTICAL						
17.	FPAI 56	Practical V – Robotics Laboratory	3	25	75	100
18.	FPAI 57	Practical VI – R Programming Lab	3	25	75	100
III YEAR (VI SEMESTER)						
19.	FAI 61	Machine Learning Techniques	4	25	75	100
20.	FAI 62	Natural Language Processing	4	25	75	100
ELECTIVE II						
21.	FEAI 63	Computer Organization	3	25	75	100
ELECTIVE III						
22.	FEAI 64	Operating System	3	25	75	100
SKILL BASED SUBJECT						
23.	FSAI 65	Ethical Hacking (SBS IV)	2	25	75	100
PRACTICAL						
24.	FPAI 66	Practical VII – Machine Learning Lab	3	25	75	100
25.	FPAI 67	Practical VIII – Natural Language Processing Lab	2	25	75	100
26.	FPAI 68	Group / Individual Project	5	25	75	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
		NMSDC III (Choose any 1 out of 5)				
27.	FSNM 60A	Naandi	0	-	-	-
28.	FSNM 60B	Unnati	0	-	-	-
29.	FSNM 60C	Quest	0	-	-	-
30.	FSNM 60D	Izpay	0	-	-	-
31.	FSNM 60E	IBM Skills Build	0	-	-	-
32.	FEA 60	Extension Activities	1	100	-	100
			142			4600

**B.SC. BIOCHEMISTRY**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FBC 31	Analytical Biochemistry	5	25	75	100
ALLIED (Choose any 1 out of 2)						
2.	FABC 32	Microbiology I (Allied)	3	25	75	100
3.	FAZO 15C	Zoology I (Allied)	3	25	75	100
4.	FSOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
5.	FNBC 33	Food and Nutrition (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
6.	FBC 41	Plant Biochemistry	4	25	75	100
ALLIED (Choose any 1 out of 2)						
7.	FABC 42	Microbiology II (Allied)	3	25	75	100
8.	FAZO 25C	Zoology II (Allied)	3	25	75	100
9.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
10.	FNBC 43	Life Style Diseases and Prevention (NME II)	2	25	75	100
PRACTICAL						
11.	FPBC 44	Practical II – (1) Colorimetric (2) Biochemical Preparation (3) Chromatographic Separation (4) Electrophoretic Technique	3	25	75	100
12.	FPBC 45	Practical – Microbiology I & II (Allied)	2	25	75	100
13.	FPZO 25C	Practical – Zoology I & II (Allied)	2	25	75	100
III YEAR (V SEMESTER)						
14.	FBC 51	Enzymes and Intermediary Metabolism	6	25	75	100
15.	FBC 52	Molecular Biology	5	25	75	100
16.	FBC 53	Physiology and Nutrition	5	25	75	100
17.	FEBC 54	Molecular Endocrinology (Elective I)	3	25	75	100
SKILL BASED SUBJECT						
18.	FSBC 55	Medical Lab Technology (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
19.	FBC 61	Clinical Biochemistry	5	25	75	100
20.	FBC 62	Biotechnology	5	25	75	100
21.	FEBC 63	Immunology (Elective II)	3	25	75	100
22.	FEBC 64	Pharmaceutical Biochemistry (Elective III)	3	25	75	100
SKILL BASED SUBJECT						
23.	FSBC 65	Research Methodology (SBS IV)	2	25	75	100
PRACTICAL						
24.	FPBC 66	Practical III – (1) Colorimetric Estimation (2) Enzyme Assay	3	25	75	100
25.	FPBC 67	Practical IV – (1) Hematology (2) Microbiology (3) Urine Analysis	3	25	75	100
26.	FPBC 68	Group / Individual Project	5	25	75	100
NMSDC III (Choose any 1 out of 5)						
27.	FSNM 60A	Naandi	0	-	-	-
28.	FSNM 60B	Unnati	0	-	-	-
29.	FSNM 60C	Quest	0	-	-	-



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
30.	FSNM 60D	Izpay	0	-	-	-
31.	FSNM 60E	IBM Skills Build	0	-	-	-
32.	FEA 60	Extension Activities	1	100	-	100
			142			4300

**B.SC. BIOTECHNOLOGY**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FBT 31	Microbiology	4	25	75	100
ALLIED						
2.	FABT 32	Biostatistics and Computer Applications (Allied II)	3	25	75	100
3.	FSOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
4.	FNBT 33	Herbal Medicine (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
5.	FBT 41	Immunology	4	25	75	100
ALLIED						
6.	FABT 42	Molecular Genetics (Allied II)	3	25	75	100
7.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
8.	FNBT 43	Applied Biotechnology (NME II)	2	25	75	100
PRACTICAL						
9.	FPBT 44	Practical II – Lab in Microbiology and Immunology	3	25	75	100
10.	FPBT 45	Practical – Lab in Biostatistics and Computer Applications and Molecular Genetics (Allied)	2	25	75	100
III YEAR (V SEMESTER)						
11.	FBT 51	Genetic Engineering	6	25	75	100
12.	FBT 52	Industrial Biotechnology	6	25	75	100
13.	FBT 53	Bioinformatics	5	25	75	100
ELECTIVE I (Choose any 1 out of 3)						
14.	FEBT 54A	Biofertilizer Technology	3	25	75	100
15.	FEBT 54B	Public Health and Hygiene	3	25	75	100
16.	FEBT 54C	Enzyme Technology	3	25	75	100
SKILL BASED SUBJECT						
17.	FSBT 55	Medical Lab Technology (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
18.	FBT 61	Plant and Animal Biotechnology	5	25	75	100
19.	FBT 62	Environmental Biotechnology	5	25	75	100
ELECTIVE II (Choose any 1 out of 3)						
20.	FEBT 63A	Forensic Science	3	25	75	100
21.	FEBT 63B	Sericulture	3	25	75	100
22.	FEBT 63C	Entrepreneurship	3	25	75	100
ELECTIVE III (Choose any 1 out of 3)						
23.	FEBT 64A	Biosafety, Bioethics and IPR	3	25	75	100
24.	FEBT 64B	Pharmaceutical Biotechnology	3	25	75	100
25.	FEBT 64C	Horticulture and Landscaping	3	25	75	100
PRACTICAL						
26.	FPBT 65	Practical III – Lab in Genetic Engineering and Plant and Animal Biotechnology	3	25	75	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
27.	FPBT 66	Practical IV – Lab in Industrial Biotechnology and Environmental Biotechnology	3	25	75	100
28.	FPBT 67	Group / Individual Project	5	25	75	100
29.	FSMC 60	Medical Coding (NMSDC III)	2	25	75	100
30.	FEA 60	Extension Activities	1	100	–	100
			142			4300

**B.SC. BOTANY**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FBO 31	Pteridology, Gymnosperms and Paleobotany	5	25	75	100
ALLIED (Choose any 1 out of 2)						
2.	FAZO 15C	Zoology I (Allied)	3	25	75	100
3.	FACH 15C	Chemistry I (Allied)	3	25	75	100
4.	FSOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
5.	FNBO 32	Medicinal Botany (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
6.	FBO 41	Plant Cell Biology	5	25	75	100
ALLIED (Choose any 1 out of 2)						
7.	FAZO 25C	Zoology II (Allied)	3	25	75	100
8.	FACH 25C	Chemistry II (Allied)	3	25	75	100
9.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
10.	FNBO 42	Horticulture (NME II)	2	25	75	100
PRACTICAL						
11.	FPBO 43	Practical II – Covering Papers III & IV	3	25	75	100
12.	FPZO 25C	Practical – Zoology (Allied)	2	25	75	100
13.	FPCH 25C	Practical – Chemistry (Allied)	2	25	75	100
III YEAR (V SEMESTER)						
14.	FBO 51	Anatomy and Embryology of Angiosperms	5	25	75	100
15.	FBO 52	Morphology and Taxonomy of Angiosperms and Economic Botany	5	25	75	100
16.	FBO 53	Genetics, Plant Breeding, Evolution and Biostatistics	5	25	75	100
ELECTIVE I (Choose any 1 out of 3)						
17.	FEBO 54A	Tissue Culture	3	25	75	100
18.	FEBO 54B	Mass Cultivation of Algae	3	25	75	100
19.	FEBO 54C	Bio Safety and Bioethics	3	25	75	100
SKILL BASED SUBJECT						
20.	FSBO 55	Ethno Botany and Herbal Medicines (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
21.	FBO 61	Plant Physiology and Plant Biochemistry	5	25	75	100
22.	FBO 62	Ecology, Phytogeography and Toxicology	5	25	75	100
ELECTIVE II (Choose any 1 out of 3)						
23.	FEBO 63A	Plant Biotechnology	3	25	75	100
24.	FEBO 63B	Bio Fertilizers	3	25	75	100
25.	FEBO 63C	Postharvest Technology	3	25	75	100
ELECTIVE III (Choose any 1 out of 3)						
26.	FEBO 64A	Fermentation Technology	3	25	75	100
27.	FEBO 64B	Computer Applications in Botany	3	25	75	100
28.	FEBO 64C	Forestry	3	25	75	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
		PRACTICAL				
29.	FPBO 65	Practical III – Covering Papers V, VI & VII	3	25	75	100
30.	FPBO 66	Practical IV – Covering Papers VIII & IX	3	25	75	100
31.	FPBO 67	Group / Individual Project	5	25	75	100
32.	FSMC 60	Medical Coding (NMSDC III)	2	25	75	100
33.	FEA 60	Extension Activities	1	100	–	100
			140			4300

**B.SC. CHEMISTRY**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FCH 31	General Chemistry III	4	25	75	100
ALLIED (Choose any 1 out of 5)						
2.	FAPH 15C	Physics I	3	25	75	100
3.	FABO 15C	Botany I	3	25	75	100
4.	FAZO 15C	Zoology I	3	25	75	100
5.	FABC 15C	Biochemistry I	3	25	75	100
6.	FAMA 15C	Mathematics I*	3	25	75	100
7.	F SOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
8.	FNCH 32	Medicinal Chemistry (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
9.	FCH 41	General Chemistry IV	4	25	75	100
ALLIED (Choose any 1 out of 5)						
10.	FAPH 25C	Physics II	3	25	75	100
11.	FABO 25C	Botany II	3	25	75	100
12.	FAZO 25C	Zoology II	3	25	75	100
13.	FABC 25C	Biochemistry II	3	25	75	100
14.	FAMA 25C	Mathematics II*	3	25	75	100
15.	F SOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
16.	FNCH 42	Chemistry in Every Day Life (NME II)	2	25	75	100
PRACTICAL						
17.	FPCH 43	Practical II – Inorganic Qualitative Analysis and Preparations	3	25	75	100
18.	FPPH 25C	Practical – Physics (Allied)	2	25	75	100
19.	FPBO 25C	Practical – Botany (Allied)	2	25	75	100
20.	FPZO 25C	Practical – Zoology (Allied)	2	25	75	100
21.	FPBC 25C	Practical – Biochemistry (Allied)	2	25	75	100
III YEAR (V SEMESTER)						
22.	FCH 51	Inorganic Chemistry I	5	25	75	100
23.	FCH 52	Organic Chemistry I	5	25	75	100
24.	FCH 53	Physical Chemistry I	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
25.	FECH 54A	Analytical Chemistry I	3	25	75	100
26.	FECH 54B	Basis of Computer Programming in C and its Applications in Chemistry	3	25	75	100
27.	FECH 54C	Organic Synthesis	3	25	75	100
SKILL BASED SUBJECT						
28.	FSCH 55	Applied Chemistry (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
29.	FCH 61	Inorganic Chemistry II	4	25	75	100
30.	FCH 62	Organic Chemistry II	4	25	75	100
31.	FCH 63	Physical Chemistry II	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
32.	FECH 64A	Analytical Chemistry II	3	25	75	100
33.	FECH 64B	Textile Chemistry	3	25	75	100
34.	FECH 64C	Nano Chemistry	3	25	75	100
		ELECTIVE (Choose any 1 out of 3)				
35.	FECH 65A	Pharmaceutical Chemistry	3	25	75	100
36.	FECH 65B	Polymer Chemistry	3	25	75	100
37.	FECH 65C	Green Chemistry	3	25	75	100
		SKILL BASED SUBJECT				
38.	FSCH 66	Agriculture and Leather Chemistry (SBS IV)	2	25	75	100
		PRACTICAL				
39.	FPCH 67	Practical III – Gravimetric Estimation	2	25	75	100
40.	FPCH 68	Practical IV – Organic Analysis and Preparations	2	25	75	100
41.	FPCH 69	Practical V – Physical Chemistry Experiments	3	25	75	100
42.	FPCH 70	Group / Individual Project	5	25	75	100
		NMSDC III (Choose any 1 out of 5)				
43.	FSNM 60A	Naandi	0	-	-	-
44.	FSNM 60B	Unnati	0	-	-	-
45.	FSNM 60C	Quest	0	-	-	-
46.	FSNM 60D	Izpay	0	-	-	-
47.	FSNM 60E	IBM Skills Build	0	-	-	-
48.	FEA 60	Extension Activities	1	100	-	100
			140			4500



B.S.C. COMPUTER SCIENCE

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FCS 31	Programming in JAVA	3	25	75	100
ALLIED (Choose any 1 out of 2)						
2.	FAPH 15C	Physics I	3	25	75	100
3.	FACS 32	Statistical Methods and Their Applications I	3	25	75	100
SKILL BASED SUBJECT						
4.	FSCC 30	Fundamentals of Coding and Cloud	2	25	75	100
NON MAJOR ELECTIVE						
5.	FNCS 34	Introduction to Information Technology (NME I)	2	25	75	100
PRACTICAL						
6.	FPCS 35	Practical III – Programming in JAVA Lab	3	25	75	100
II YEAR (IV SEMESTER)						
7.	FCS 41	Relational Database Management Systems	3	25	75	100
ALLIED (Choose any 1 out of 2)						
8.	FAPH 25C	Physics II	3	25	75	100
9.	FACS 42	Statistical Methods and their Applications II	3	25	75	100
10.	FEOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
11.	FNCS 43	Internet Technology (NME II)	2	25	75	100
PRACTICAL						
12.	FPCS 44	Practical IV – RDBMS Lab	3	25	75	100
13.	FPPH 25C	Practical – Physics (Allied)	2	25	75	100
14.	FPCS 45	Practical – Statistics Practical (Allied)	2	25	75	100
III YEAR (V SEMESTER)						
15.	FCS 51	Mobile Application Development	4	25	75	100
16.	FCS 52	Operating System	4	25	75	100
17.	FCS 53	Design and Analysis of Algorithms	3	25	75	100
ELECTIVE I (Choose any 1 out of 3)						
18.	FECS 54A	Data Mining	3	25	75	100
19.	FECS 54B	Information Security	3	25	75	100
20.	FECS 54C	Software Testing	3	25	75	100
SKILL BASED SUBJECT						
21.	FSCS 55	Software Engineering (SBS III)	2	25	75	100
PRACTICAL						
22.	FPCS 56	Practical V – Mobile Applications Development Lab	3	25	75	100
23.	FPCS 57	Practical VI – Operating System Lab	3	25	75	100
III YEAR (VI SEMESTER)						
24.	FCS 61	Open Source Software	4	25	75	100
25.	FCS 62	Python Programming	4	25	75	100
ELECTIVE II (Choose any 1 out of 3)						
26.	FECS 63A	Big Data Analytics	3	25	75	100
27.	FECS 63B	Cryptography	3	25	75	100
28.	FECS 63C	Digital Image Processing	3	25	75	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
		ELECTIVE III (Choose any 1 out of 3)				
29.	FECS 64A	Artificial Intelligence	3	25	75	100
30.	FECS 64B	System Software	3	25	75	100
31.	FECS 64C	Cloud Computing	3	25	75	100
		PRACTICAL				
32.	FPCS 65	Practical VII – Python Programming Lab	3	25	75	100
33.	FPCS 66	Practical VIII – Open Source Programming Lab	2	25	75	100
34.	FPCS 67	Group / Individual Project	5	25	75	100
		Choose any 1 out of 2 (NMSDC III)				
35.	FSNM 60A	PBL Android App Development	2	25	75	100
36.	FSNM 60B	Machine Learning	2	25	75	100
37.	FEA 60	Extension Activities	1	100	–	100
			140			4600

**B.SC. COSTUME DESIGN AND FASHION TECHNOLOGY**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FFT 31	Fiber to Fabric	4	25	75	100
ALLIED						
2.	FAFT 32	Costumes and Textiles of India (Allied)	3	25	75	100
3.	F5OE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
4.	FNFT 33	Apparel Designing (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
5.	FFT 41	Fabric Structure and Design	4	25	75	100
ALLIED						
6.	FAFT 42	The Business of Fashion (Allied)	3	25	75	100
7.	F5OF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
8.	FNFT 43	Textile Printing (NME II)	2	25	75	100
PRACTICAL						
9.	FPFT 44	Practical II – Fabric Structure and Design	3	25	75	100
10.	FPFT 45	Practical – Garment Construction II (Allied)	2	25	75	100
III YEAR (V SEMESTER)						
11.	FFT 51	Knitting	5	25	75	100
12.	FFT 52	Business Finance	5	25	75	100
13.	FFT 53	Apparel Retailing	5	25	75	100
ELECTIVE I (Choose any 1 out of 3)						
14.	FEFT 54A	Organization of Garment Unit	3	25	75	100
15.	FEFT 54B	Printing Technology	3	25	75	100
16.	FEFT 54B	Entrepreneurial Development	3	25	75	100
SKILL BASED SUBJECT						
17.	FSFT 55	Garment Quality and Cost Control (SBS III)	3	25	75	100
III YEAR (VI SEMESTER)						
18.	FFT 61	Computers in the Garment Industry	5	25	75	100
19.	FFT 62	Textile Wet Processing	5	25	75	100
ELECTIVE II (Choose any 1 out of 3)						
20.	FEFT 63A	Marketing and Merchandising	3	25	75	100
21.	FEFT 63B	Principles of Management	3	25	75	100
22.	FEFT 63C	Boutique Management	3	25	75	100
ELECTIVE III (Choose any 1 out of 3)						
23.	FEFT 64A	Accounting and Business Management	3	25	75	100
24.	FEFT 64B	Export Analysis and Documentation	3	25	75	100
25.	FEFT 64C	Apparel Quality Management	3	25	75	100
SKILL BASED SUBJECT						
26.	FSFT 65	Innovation with Waste Fabrics (SBS IV)	3	25	75	100
PRACTICAL						
27.	FPFT 66	Practical III – CAD Practical II	3	25	75	100
28.	FPFT 67	Practical IV – Textile Wet Processing	3	25	75	100
29.	FPFT 68	Group / Individual Project	5	25	75	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
		NMSDC III (Choose any 1 out of 5)				
30.	FSNM 60A	Naandi	0	-	-	-
31.	FSNM 60B	Unnati	0	-	-	-
32.	FSNM 60C	Quest	0	-	-	-
33.	FSNM 60D	Izpay	0	-	-	-
34.	FSNM 60E	IBM Skills Build	0	-	-	-
35.	FEA 60	Extension Activities	1	100	-	100
			140			4300



B.SC. DATA SCIENCE

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FDA 31	Python for Data Science	3	25	75	100
ALLIED						
2.	FADA 32	Statistical Methods and Their Applications I	3	25	75	100
SKILL BASED SUBJECT						
3.	FSCC 30	Fundamentals of Coding and Cloud	2	25	75	100
NON MAJOR ELECTIVE						
4.	FNDA 34	Introduction to Information Technology (NME I)	2	25	75	100
PRACTICAL						
5.	FPDA 35	Practical III – Python for Data Science Lab	3	25	75	100
II YEAR (IV SEMESTER)						
6.	FDA 41	Advanced Python for Data Science	3	25	75	100
ALLIED						
7.	FADA 42	Statistical Methods and their Applications II	3	25	75	100
8.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
9.	FNDA 43	Internet Technology (NME II)	2	25	75	100
PRACTICAL						
10.	FPDA 44	Practical IV – Advanced Python for Data Science Lab	3	25	75	100
11.	FPDA 45	Practical – Statistics Practical (Allied)	2	25	75	100
III YEAR (V SEMESTER)						
12.	FDA 51	Relational Database Management System	4	25	75	100
13.	FDA 52	Data Visualization Techniques	4	25	75	100
14.	FDA 53	Natural Language Processing	3	25	75	100
ELECTIVE I						
15.	FEDA 54	Tensor Flow	3	25	75	100
SKILL BASED SUBJECT						
16.	FSDA 55	Machine Learning (SBS III)	2	25	75	100
PRACTICAL						
17.	FPDA 56	Practical V – Relational Database Management System Lab	3	25	75	100
18.	FPDA 57	Practical VI – Data Visualization Techniques Lab	3	25	75	100
III YEAR (VI SEMESTER)						
19.	FDA 61	Big Data Analytics	4	25	75	100
20.	FDA 62	R for Analytics	4	25	75	100
ELECTIVE II						
21.	FEDA 63	Artificial Intelligence	3	25	75	100
ELECTIVE III						
22.	FEDA 64	Operating System	3	25	75	100
PRACTICAL						
23.	FPDA 65	Practical VII – Big Data Analytics Lab	3	25	75	100
24.	FPDA 66	Practical VIII – R for Analytics Lab	2	25	75	100
25.	FPDA 67	Group / Individual Project	5	25	75	100
26.	FSPB 60	Project Based Learning III (NMSDC III)	2	25	75	100
27.	FEA 60	Extension Activities	1	100	–	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
			142			4600

**B.SC. ELECTRONICS SCIENCE**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FEL 31	Semiconductor Devices and IC Fabrication Technology	4	25	75	100
2.	FAEL 32	Basic Physics I (Allied)	4	25	75	100
3.	F SOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
4.	FNEL 33	Basic Electronics	2	25	75	100
II YEAR (IV SEMESTER)						
5.	FEL 41	Analog and Digital Electronics	4	25	75	100
6.	FAEL 42	Basic Physics II (Allied)	5	25	75	100
7.	F SOF 40	Office Fundamentals (NMSDC)	3	25	75	100
NON MAJOR ELECTIVE						
8.	FNEL 43	Fundamentals of Electronic Communication	2	25	75	100
PRACTICAL						
9.	FPEL 44	Practical II – Electronic Devices Laboratory	3	25	75	100
III YEAR (V SEMESTER)						
10.	FEL 51	Microprocessor and its Applications	4	25	75	100
11.	FEL 52	Electronic Communication Systems	4	25	75	100
12.	FEL 53	Electrical and Electronic Instrumentation	4	25	75	100
ELECTIVE I (Choose any 1 out of 3)						
13.	FEEL 54A	Medical Electronics	3	25	75	100
14.	FEEL 54B	Industrial Electronics	3	25	75	100
15.	FEEL 54C	Data Processing and Personal Computers	3	25	75	100
SKILL BASED SUBJECT						
16.	FSEL 55	PCB Design and Fabrication (SBS III)	3	25	75	100
III YEAR (VI SEMESTER)						
17.	FEL 61	Television and Video Engineering	4	25	75	100
18.	FEL 62	Cellular Mobile Communication	4	25	75	100
ELECTIVE II (Choose any 1 out of 3)						
19.	FEEL 63A	Power Electronics	3	25	75	100
20.	FEEL 63B	Computer Networks	3	25	75	100
21.	FEEL 63C	Robotics and Automation	3	25	75	100
ELECTIVE III (Choose any 1 out of 3)						
22.	FEEL 64A	Microcontroller 8051 and its Applications	3	25	75	100
23.	FEEL 64B	Digital System Design	3	25	75	100
24.	FEEL 64C	Programmable Logic Controller	3	25	75	100
PRACTICAL						
25.	FPEL 65	Practical III – Analog and Digital IC Laboratory	3	25	75	100
26.	FPEL 66	Practical IV – Communication and Microprocessor Laboratory	3	25	75	100
27.	FEL 67	Industrial Training (Internal)	4	100	-	100
28.	FPEL 68	Group / Individual Project	6	25	75	100
29.	FSPB 60	Project Based Learning II (NMSDC III)	2	25	75	100
30.	FEA 60	Extension Activities	1	100	-	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
			142			4300



B.SC. INFORMATION SYSTEM MANAGEMENT

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FIM 31	Programming in C	3	25	75	100
ALLIED (Choose any 1 out of 2)						
2.	FAIM 32A	Web Designing	3	25	75	100
3.	FAIM 32B	Business Communication	3	25	75	100
SKILL BASED SUBJECT						
4.	FSCC 30	Fundamentals of Coding and Cloud	2	25	75	100
NON MAJOR ELECTIVE						
5.	FNIM 34	Introduction to Industry 4.0 (NME I)	2	25	75	100
PRACTICAL						
6.	FPIM 35	Practical II – Programming in C Lab	2	25	75	100
II YEAR (IV SEMESTER)						
7.	FIM 41	Java Programming	3	25	75	100
ALLIED (Choose any 1 out of 2)						
8.	FAIM 42A	Operations Research	3	25	75	100
9.	FAIM 42B	Cost and Management Accounting	3	25	75	100
10.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
11.	FNIM 43	Management Information System (NME II)	2	25	75	100
PRACTICAL						
12.	FPIM 44	Practical III – Java Programming Lab	2	25	75	100
13.	FPIM 45A	Practical – Operations Research Lab (Allied)	2	25	75	100
14.	FPIM 45B	Practical – Business Communication & Cost and Management Accounting Lab (Allied)	2	25	75	100
III YEAR (V SEMESTER)						
15.	FIM 51	Principles of Management	5	25	75	100
16.	FIM 52	Data Base Management System	5	25	75	100
17.	FIM 53	Python Programming	4	25	75	100
ELECTIVE I (Choose any 1 out of 3)						
18.	FEIM 54A	Enterprise Resource Planning	3	25	75	100
19.	FEIM 54B	Bioinformatics	3	25	75	100
20.	FEIM 54C	Marketing Management	3	25	75	100
SKILL BASED SUBJECT						
21.	FSIM 55	Entrepreneurial Development (SBS III)	2	25	75	100
PRACTICAL						
22.	FPIM 56	Practical IV – Python Programming Lab	2	25	75	100
23.	FPIM 57	Practical V – DBMS Lab	2	25	75	100
III YEAR (VI SEMESTER)						
24.	FIM 61	Computer Graphics and Web Designing	4	25	75	100
25.	FIM 62	Software Engineering	4	25	75	100
26.	FIM 63	Multimedia	4	25	75	100
ELECTIVE II (Choose any 1 out of 3)						
27.	FEIM 64A	Data Analytics with R Management	3	25	75	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
28.	FEIM 64B	Fundamentals of Biological Sciences	3	25	75	100
29.	FEIM 64C	Operating Systems	3	25	75	100
		ELECTIVE III (Choose any 1 out of 5)				
30.	FEIM 65A	Industry 4.0 – Artificial Intelligence	3	25	75	100
31.	FEIM 65B	Industry 4.0 – Big Data Applications	3	25	75	100
32.	FEIM 65C	Industry 4.0 – Augmented Reality	3	25	75	100
33.	FEIM 65D	Human Resource Management	3	25	75	100
34.	FEIM 65E	Information Security	3	25	75	100
		SKILL BASED SUBJECT				
35.	FSIM 66	Business Ethics (SBS IV)	2	25	75	100
		PRACTICAL				
36.	FPIM 67	Practical VI – Computer Graphics and Web Designing Lab	2	25	75	100
37.	FPIM 68	Practical VII – Multimedia Lab	2	25	75	100
38.	FPIM 69	Group / Individual Project	5	25	75	100
		NMSDC III (Choose any 1 out of 5)				
39.	FSNM 60A	Naandi	0	-	-	-
40.	FSNM 60B	Unnati	0	-	-	-
41.	FSNM 60C	Quest	0	-	-	-
42.	FSNM 60D	Izpay	0	-	-	-
43.	FSNM 60E	IBM Skills Build	0	-	-	-
44.	FEA 60	Extension Activities	1	100	-	100
			142			4800

**B.SC. INTERIOR DESIGN AND DECOR**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FID 31	Computer Aided Design I	4	25	75	100
2.	FAID 32	Interior Design Studio and Building System Technology I (Allied)	3	25	75	100
3.	F5OE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
4.	FNID 33	Basics of Interior Design I (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
5.	FID 41	Planning the Life Space	4	25	75	100
6.	FAID 42	Interior Design Studio and Building System Technology II (Allied)	3	25	75	100
7.	F5OF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
8.	FNID 43	Basics of Interior Design II (NME II)	2	25	75	100
PRACTICAL						
9.	FPID 44	Practical II – Computer Aided Design Practical	3	25	75	100
10.	FPID 45	Practical – Interior Design Studio Practical (Allied)	2	25	75	100
III YEAR (V SEMESTER)						
11.	FID 51	Furniture in Interiors	4	25	75	100
12.	FID 52	Computer Aided Design II	4	25	75	100
13.	FID 53	Floriculture and Landscaping	4	25	75	100
14.	FID 54	Fundamentals of Architecture	4	25	75	100
ELECTIVE I (Choose any 1 out of 3)						
15.	FEID 55A	Consumer and Merchandising	3	25	75	100
16.	FEID 55B	Kitchen Design	3	25	75	100
17.	FEID 55C	House Keeping and Front Office Management	3	25	75	100
SKILL BASED SUBJECT						
18.	FSID 56	Residential Space Designing (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
19.	FID 61	Soft Furnishings	3	25	75	100
20.	FID 62	Applied Arts	3	25	75	100
21.	FID 63	Commercial Space Designing	2	25	75	100
ELECTIVE II (Choose any 1 out of 3)						
22.	FEID 64A	Professional Practice	3	25	75	100
23.	FEID 64B	Environment Control in Interiors	3	25	75	100
24.	FEID 64C	Fine-Arts Drawing and Painting	3	25	75	100
ELECTIVE III (Choose any 1 out of 3)						
25.	FEID 65A	Ergonomics	3	25	75	100
26.	FEID 65B	Green Building Technology	3	25	75	100
27.	FEID 65C	Entrepreneurial Development	3	25	75	100
SKILL BASED SUBJECT						
28.	FSID 66	Commercial Space Designing (SBS IV)	2			
PRACTICAL						



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
29.	FPID 67	Practical III – Furniture and Furnishing Practical	3	25	75	100
30.	FPID 68	Practical IV – Google Sketch Up Practical	3	25	75	100
31.	FPID 69	Practical V – Floriculture and Landscaping Practical	3	25	75	100
32.	FPID 70	Group / Individual Project	5	25	75	100
		NMSDC III (Choose any 1 out of 5)				
33.	FSNM 60A	Naandi	0	-	-	-
34.	FSNM 60B	Unnati	0	-	-	-
35.	FSNM 60C	Quest	0	-	-	-
36.	FSNM 60D	Izpay	0	-	-	-
37.	FSNM 60E	IBM Skills Build	0	-	-	-
38.	FEA 60	Extension Activities	1	100	-	100
			142			4600

**B.S.C. MATHEMATICS**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FMA 31	Differential Equations and Laplace Transforms	5	25	75	100
ALLIED (Choose any 1 out of 4)						
2.	FAMA 13A	Numerical Methods I	3	25	75	100
3.	FAMA 13B	Mathematical Statistics I	3	25	75	100
4.	FAPH 15C	Physics I	3	25	75	100
5.	FACH 15C	Chemistry I	3	25	75	100
6.	F SOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
7.	FNMA 32	Basic Mathematics (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
8.	FMA 41	Vector Analysis and Fourier Series	4	25	75	100
9.	FMA 42	Statics	4	25	75	100
ALLIED (Choose any 1 out of 4)						
10.	FAMA 23A	Numerical Methods II	3	25	75	100
11.	FAMA 23B	Mathematical Statistics II	3	25	75	100
12.	FAPH 25C	Physics II	3	25	75	100
13.	FACH 25C	Chemistry II	3	25	75	100
14.	F SOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
15.	FNMA 43	Foundation Mathematics for Competitive Examinations (NME II)	2	25	75	100
PRACTICAL						
16.	FPMA 24	Practical – Numerical Methods (Allied)	2	25	75	100
17.	FPMA 26	Practical – Mathematical Statistics (Allied)	2	25	75	100
18.	FPPH 25C	Practical – Physics (Allied)	2	25	75	100
19.	FPCH 25C	Practical – Chemistry (Allied)	2	25	75	100
III YEAR (V SEMESTER)						
20.	FMA 51	Abstract Algebra	4	25	75	100
21.	FMA 52	Real Analysis I	4	25	75	100
22.	FMA 53	Dynamics	4	25	75	100
ELECTIVE I (Choose any 1 out of 2)						
23.	FEMA 54A	Linear Programming	3	25	75	100
24.	FEMA 54B	Special Functions	3	25	75	100
ELECTIVE II (Choose any 1 out of 2)						
25.	FEMA 55A	Graph Theory	3	25	75	100
26.	FEMA 55B	Discrete Mathematics	3	25	75	100
SKILL BASED SUBJECT						
27.	FSMA 56	Mathematics for Competitive Examinations III (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
28.	FMA 61	Linear Algebra	4	25	75	100
29.	FMA 62	Real Analysis II	4	25	75	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
30.	FMA 63	Complex Analysis	4	25	75	100
31.	FMA 64	Programming in C Language	3	25	75	100
		ELECTIVE (Choose any 1 out of 3)				
32.	FEMA 65A	Operations Research	3	25	75	100
33.	FEMA 65B	Fuzzy Mathematics	3	25	75	100
34.	FPMA 65C	R Programming (Practical Only)	3	25	75	100
		PRACTICAL				
35.	FPMA 66	Practical I – C Language	2	25	75	100
36.	FPMA 67	Group / Individual Project	5	25	75	100
37.	FSPB 60	Project Based Learning III (NMSDC III)	2	25	75	100
38.	FEA 60	Extension Activities	1	100	–	100
			142			4500

**B.S.C. MICROBIOLOGY**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FMB 31	Immunology	4	25	75	100
ALLIED						
2.	FAMB 32	Bioinstrumentation (Allied)	3	25	75	100
3.	F5OE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
4.	FNMB 33	Microbes in Human Welfare (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
5.	FMB 41	Microbial Genetics	4	25	75	100
ALLIED						
6.	FAMB 42	Biostatistics (Allied)	3	25	75	100
7.	F5OF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
8.	FNMB 43	Emerging Microbial Diseases (NME II)	2	25	75	100
PRACTICAL						
9.	FPMB 44	Practical II – Experiments in Immunology and Microbial Genetics (Contd.)	3	25	75	100
10.	FPMB 45	Practical – Bioinstrumentation and Biostatistics (Contd.) (Allied)	2	25	75	100
III YEAR (V SEMESTER)						
11.	FMB 51	Medical Bacteriology and Mycology	6	25	75	100
12.	FMB 52	Agricultural and Environmental Microbiology	5	25	75	100
13.	FMB 53	Food Microbiology	5	25	75	100
ELECTIVE I (Choose any 1 out of 3)						
14.	FEMB 54A	Immunotechnology	3	25	75	100
15.	FEMB 54B	Human Anatomy and Physiology	3	25	75	100
16.	FEMB 54C	Cell Biology	3	25	75	100
SKILL BASED SUBJECT						
17.	FSMB 55	Mushroom Cultivation	2	25	75	100
III YEAR (VI SEMESTER)						
18.	FMB 61	Medical Virology and Parasitology	6	25	75	100
19.	FMB 62	Industrial Microbiology	5	25	75	100
ELECTIVE II (Choose any 1 out of 3)						
20.	FEMB 63A	Biotechnology	3	25	75	100
21.	FEMB 63B	Herbal Technology	3	25	75	100
22.	FEMB 63C	Genetic Engineering	3	25	75	100
ELECTIVE III (Choose any 1 out of 3)						
23.	FEMB 64A	Bioinoculants Technology	3	25	75	100
24.	FEMB 64B	Clinical Microbiology	3	25	75	100
25.	FEMB 64C	Food Analysis and Quality Control	3	25	75	100
SKILL BASED SUBJECT						
26.	FSMB 65	Medical Laboratory Techniques (SBS IV)	2	25	75	100
PRACTICAL						
27.	FPMB 66	Practical III – Experiments in Medical	3	25	75	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
		Microbiology (Contd.)				
28.	FPMB 67	Practical IV – Experiments in Applied Microbiology (Contd.)	3	25	75	100
29.	FPMB 68	Group / Individual Project	5	25	75	100
		NMSDC III (Choose any 1 out of 5)				
30.	FSNM 60A	Naandi	0	-	-	-
31.	FSNM 60B	Unnati	0	-	-	-
32.	FSNM 60C	Quest	0	-	-	-
33.	FSNM 60D	Izpay	0	-	-	-
34.	FSNM 60E	IBM Skills Build	0	-	-	-
35.	FEA 60	Extension Activities	1	100	-	100
			142			4400

**B.SC. NUTRITION, FOOD SERVICE MANAGEMENT AND DIETETICS**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FNU 31	Food Science	4	25	75	100
2.	FANU 32	Nutritional Biochemistry (Allied)	3	25	75	100
3.	FSOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
4.	FNNU 33	Health and Fitness (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
5.	FNU 41	Human Nutrition	4	25	75	100
6.	FANU 42	Food Preservation (Allied)	3	25	75	100
7.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
8.	FNNU 43	Nutrition for the Family (NME II)	2	25	75	100
PRACTICAL						
9.	FPNU 44	Practical II – (a) Food Science (b) Human Nutrition	3	25	75	100
10.	FPNU 45	Practical – (a) Nutritional Biochemistry (b) Food Preservation (Allied)	2	25	75	100
III YEAR (V SEMESTER)						
11.	FNU 51	Dietetics I	5	25	75	100
12.	FNU 52	Nutrition Through Life Cycle	5	25	75	100
13.	FNU 53	Community Nutrition	5	25	75	100
ELECTIVE						
14.	FENU 54	Hospital Food Service Administration (Elective I)	3	25	75	100
SKILL BASED SUBJECT						
15.	FPNU 55	Internship (SBS II)	2	100	-	100
III YEAR (VI SEMESTER)						
16.	FNU 61	Dietetics II	4	25	75	100
17.	FNU 62	Food Service Management	3	25	75	100
18.	FNU 63	Human Development and Counselling	4	25	75	100
ELECTIVE						
19.	FENU 64	Food Standards and Quality Control (Elective II)	3	25	75	100
20.	FENU 65	Nutraceuticals and Nutrigenomics (Elective III)	3	25	75	100
SKILL BASED SUBJECT						
21.	FSNU 66	Perspectives of Home Science (SBS IV)	2	25	75	100
PRACTICAL						
22.	FPNU 67	Practical III – (a) Nutrition Through Life Cycle (b) Dietetics I	3	25	75	100
23.	FPNU 68	Practical IV – (a) Food Service Management (b) Dietetics II	3	25	75	100
24.	FPNU 69	Group / Individual Project	5	25	75	100
NMSDC III (Choose any 1 out of 5)						
25.	FSNM 60A	Naandi	0	-	-	-
26.	FSNM 60B	Unnati	0	-	-	-
27.	FSNM 60C	Quest	0	-	-	-
28.	FSNM 60D	Izpay	0	-	-	-
29.	FSNM 60E	IBM Skills Build	0	-	-	-



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
30.	FEA 60	Extension Activities	1	100	–	100
			142			4400



B.SC. PHYSICAL EDUCATION

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FPE 31	Exercise Physiology	4	25	75	100
ALLIED						
2.	FAPE 32	Health Education and Nutrition (Allied)	3	25	75	100
3.	FSOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
4.	FNPE 33	Yoga and Health (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
5.	FPE 41	Organization and Administration IPE	4	25	75	100
ALLIED						
6.	FAPE 42	Theories of Sports and Games II (Allied)	4	25	75	100
7.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
8.	FNPE 43	Weight Management (NME II)	2	25	75	100
PRACTICAL						
9.	FPPE 44	Practical II – Major Games II	4	25	75	100
10.	FPPE 45	Practical – Minor Games (Allied)	2	25	75	100
III YEAR (V SEMESTER)						
11.	FPE 51	Methods in Physical Education	6	25	75	100
12.	FPE 52	Kinesiology and Biomechanics	6	25	75	100
13.	FPE 53	Sports Training	6	25	75	100
ELECTIVE I						
14.	FEPE 54	Fitness and Wellness	3	25	75	100
SKILL BASED SUBJECT						
15.	FSPE 55	Therapeutic Aspects of Yoga (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
16.	FPE 61	Test and Measurement	4	25	75	100
17.	FPE 62	Sports Psychology and Sports Sociology	4	25	75	100
18.	FPE 63	Sports Management	4	25	75	100
ELECTIVE II						
19.	FEPE 64	Modern Trends in Physical Education	3	25	75	100
ELECTIVE III						
20.	FEPE 65	Physiotherapy and First Aid	3	25	75	100
SKILL BASED SUBJECT						
21.	FSPE 66	Fitness Management (SBS IV)	2	25	75	100
PRACTICAL						
22.	FPPE 67	Practical III – Track Events I	2	25	75	100
23.	FPPE 68	Practical IV – Field Events I	2	25	75	100
24.	FPPE 69	Group / Individual Project	4	25	75	100
NMSDC III (Choose any 1 out of 5)						
25.	FSNM 60A	Naandi	0	-	-	-
26.	FSNM 60B	Unnati	0	-	-	-
27.	FSNM 60C	Quest	0	-	-	-
28.	FSNM 60D	Izpay	0	-	-	-
29.	FSNM 60E	IBM Skills Build	0	-	-	-
30.	FEA 60	Extension Activities	1	100	-	100
			142			4500

**B.SC. PHYSICS**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FPH 31	Electricity, Magnetism and Electromagnetism	4	25	75	100
ALLIED						
2.	FAMA 15C	Mathematics I (Allied)	3	25	75	100
3.	F SOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
4.	FNP H 32	Environmental Physics (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
5.	FPH 41	Waves and Optics	5	25	75	100
ALLIED						
6.	FAMA 25C	Mathematics II (Allied)	5	25	75	100
7.	F SOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
8.	FNP H 42	Everyday Physics (NME II)	2	25	75	100
PRACTICAL						
9.	FPPH 43	Practical II	3	25	75	100
III YEAR (V SEMESTER)						
10.	FPH 51	Atomic and Molecular Physics	6	25	75	100
11.	FPH 52	Relativity and Quantum Mechanics	6	25	75	100
12.	FPH 53	Basic and Applied Electronics	6	25	75	100
ELECTIVE I						
13.	FEPH 54	Digital Electronics	3	25	75	100
SKILL BASED SUBJECT						
14.	FSPH 55	Cell Phone Technology (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
15.	FPH 61	Nuclear and Particle Physics	5	25	75	100
16.	FPH 62	Solid State Physics	5	25	75	100
ELECTIVE II (Choose any 1 out of 3)						
17.	FEPH 63A	Fundamentals of Microprocessor-8085	3	25	75	100
18.	FEPH 63B	Materials Science	3	25	75	100
19.	FEPH 63C	Radiation Safety	3	25	75	100
ELECTIVE III (Choose any 1 out of 3)						
20.	FEPH 64A	Nanophysics	3	25	75	100
21.	FEPH 64B	Medical Physics	3	25	75	100
22.	FEPH 64C	Astrophysics	3	25	75	100
PRACTICAL						
23.	FPPH 65	Practical III – General Practical	3	25	75	100
24.	FPPH 66	Practical IV – Electronics Practical	3	25	75	100
25.	FPPH 67	Group / Individual Project	3	25	75	100
26.	FSPB 60	Project Based Learning III (NMSDC III)	2	25	75	100
27.	FEA 60	Extension Activities	1	100	–	100
			142			4300



B.SC. PSYCHOLOGY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FSY 31	Developmental Psychology I	4	25	75	100
2.	FSY 32	Health Psychology	4	25	75	100
ALLIED						
3.	FASY 33	Statistics in Psychology (Allied)	3	25	75	100
4.	F SOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
5.	FNSY 34	Human Resource Management (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
6.	FSY 41	Developmental Psychology II	4	25	75	100
7.	FSY 42	Introduction to Theories of Personality	4	25	75	100
ALLIED						
8.	FASY 43	Marketing Management (Allied)	5	25	75	100
9.	F SOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
10.	FNSY 44	Training and Development (NME II)	2	25	75	100
III YEAR (V SEMESTER)						
11.	FSY 51	Abnormal Psychology I	4	25	75	100
12.	FSY 52	Social Psychology I	4	25	75	100
13.	FSY 53	Introduction to Research Methodology	4	25	75	100
ELECTIVE						
14.	FESY 54	Guidance and Counseling Psychology (Elective I)	3	25	75	100
SKILL BASED SUBJECT						
15.	FSSY 55	Communicative Skill (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
16.	FSY 61	Abnormal Psychology II	4	25	75	100
17.	FSY 62	Social Psychology II	4	25	75	100
ELECTIVE						
18.	FESY 63	Positive Psychology (Elective II)	3	25	75	100
19.	FESY 64	Substance Use and Counseling (Elective III)	3	25	75	100
SKILL BASED SUBJECT						
20.	FSSY 65	Consumer Behaviour (SBS IV)	2	25	75	100
PRACTICAL						
21.	FPSY 66	Practical I – Experimental Psychology I	3	25	75	100
22.	FPSY 67	Practical II – Experimental Psychology II	3	25	75	100
23.	FPSY 68	Group / Individual Project	5	25	75	100
NMSDC III (Choose any 1 out of 5)						
24.	F SNM 60A	Naandi	0	-	-	-
25.	F SNM 60B	Unnati	0	-	-	-
26.	F SNM 60C	Quest	0	-	-	-
27.	F SNM 60D	Izpay	0	-	-	-
28.	F SNM 60E	IBM Skills Build	0	-	-	-
29.	FEA 60	Extension Activities	1	100	-	100
			142			4600



B.SC. SOFTWARE COMPUTER SCIENCE

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FSC 31	JAVA Programming	5	25	75	100
ALLIED						
2.	FASC 32	Quantitative Techniques I (Allied)	3	25	75	100
SKILL BASED SUBJECT						
3.	FSCC 30	Fundamentals of Coding and Cloud	2	25	75	100
NON MAJOR ELECTIVE						
4.	FNSC 34	Introduction to Information Technology (NME I)	2	25	75	100
PRACTICAL						
5.	FPSC 35	Practical III – JAVA Programming Lab	2	25	75	100
II YEAR (IV SEMESTER)						
6.	FSC 41	Relational Data Base Management Systems	5	25	75	100
ALLIED						
7.	FASC 42	Quantitative Techniques II (Allied)	3	25	75	100
8.	FSC 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
9.	FNSC 43	Internet Technology (NME II)	2	25	75	100
PRACTICAL						
10.	FPSC 44	Practical IV – RDBMS Lab	2	25	75	100
11.	FPSC 45	Practical – Quantitative Techniques Lab (Allied)	2	25	75	100
III YEAR (V SEMESTER)						
12.	FSC 51	Mobile Applications Development	4	25	75	100
13.	FSC 52	Operating System	4	25	75	100
14.	FSC 53	Data Mining	4	25	75	100
ELECTIVE I (Choose any 1 out of 3)						
15.	FESC 54A	Information Security	3	25	75	100
16.	FESC 54B	Software Testing	3	25	75	100
17.	FESC 54C	Internet of Things	3	25	75	100
SKILL BASED SUBJECT						
18.	FSSC 55	Multimedia Systems (SBS III)	2	25	75	100
PRACTICAL						
19.	FPSC 56	Practical V – Operating System Lab	2	25	75	100
20.	FPSC 57	Practical VI – Mobile Applications Development Lab	2	25	75	100
III YEAR (VI SEMESTER)						
21.	FSC 61	Open Source Software	4	25	75	100
22.	FSC 62	Python Programming	4	25	75	100
ELECTIVE II (Choose any 1 out of 3)						
23.	FESC 63A	Computer Architecture Organization	3	25	75	100
24.	FESC 63B	Software Metrics	3	25	75	100
25.	FESC 63C	Wireless and Data Communication	3	25	75	100
ELECTIVE III (Choose any 1 out of 3)						
26.	FESC 64A	Web Technology	3	25	75	100
27.	FESC 64B	Software Design	3	25	75	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
28.	FESC 64C	Software Quality Assurance	3	25	75	100
		PRACTICAL				
29.	FPSC 65	Practical VII – Open Source Software Lab	2	25	75	100
30.	FPSC 66	Practical VIII – Python Programming Lab	2	25	75	100
31.	FPSC 67	Group / Individual Project	5	25	75	100
		Choose any 1 out of 2 (NMSDC III)				
32.	FSNM 60A	PBL Android App Development	2	25	75	100
33.	FSNM 60B	Machine Learning	2	25	75	100
34.	FEA 60	Extension Activities	1	100	–	100
			142			4700



B.SC. STATISTICS

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FST 31	Distribution Theory	4	25	75	100
ALLIED						
2.	FAST 32	Numerical Methods (Allied)	3	25	75	100
3.	F5OE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
4.	FNST 33	Statistical Methods I (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
5.	FST 41	Sampling Theory	4	25	75	100
ALLIED						
6.	FAST 42	Programming in C (Allied)	3	25	75	100
7.	F5OF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
8.	FNST 43	Statistical Methods II (NME II)	2	25	75	100
PRACTICAL						
9.	FPST 44	Practical II – Statistical Practical II	4	25	75	100
10.	FPST 45	Practical – Numerical Methods and Programming in C (Allied)	2	25	75	100
III YEAR (V SEMESTER)						
11.	FST 51	Estimation Theory	4	25	75	100
12.	FST 52	Statistical Quality Control	4	25	75	100
13.	FST 53	Operations Research	4	25	75	100
14.	FST 54	Applied Statistics	4	25	75	100
ELECTIVE I (Choose any 1 out of 2)						
15.	FEST 55A	Demography	3	25	75	100
16.	FEST 55B	Data Base Management System	3	25	75	100
SKILL BASED SUBJECT						
17.	FSST 56	Indian Official Statistics (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
18.	FST 61	Testing Statistical Hypotheses	4	25	75	100
19.	FST 62	Design of Experiments	4	25	75	100
20.	FST 63	Stochastic Processes	4	25	75	100
ELECTIVE II (Choose any 1 out of 2)						
21.	FEST 64A	Mathematical Economics	3	25	75	100
22.	FEST 64B	Real Analysis	3	25	75	100
ELECTIVE III (Choose any 1 out of 2)						
23.	FEST 65A	Statistical Genetics	3	25	75	100
24.	FEST 65B	Actuarial Statistics	3	25	75	100
PRACTICAL						
25.	FPST 66	Practical III – Statistical Practical III	4	25	75	100
26.	FPST 67	Group / Individual Project	5	25	75	100
27.	F5PB 60	Project Based Learning III (NMSDC III)	2	25	75	100
28.	FEA 60	Extension Activities	1	100	–	100
			142			4300

**B.S.C. VISUAL COMMUNICATION**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FVC 31	Television and Radio Programming	4	25	75	100
ALLIED						
2.	FAVC 32	Basics of News Production (Allied)	3	25	75	100
3.	FSOE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
4.	FNVC 33	Advertising (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
5.	FVC 41	Audiography and Videography	4	25	75	100
ALLIED						
6.	FAVC 42	Advertising and Public Relations (Allied)	5	25	75	100
7.	FSOF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE						
8.	FNVC 43	Photography (NME II)	2	25	75	100
PRACTICAL						
9.	FPVC 44	Practical II – Design Principles I	4	25	75	100
10.	FPVC 45	Practical III – Television and Radio Production	4	25	75	100
III YEAR (V SEMESTER)						
11.	FVC 51	Film Studies	4	25	75	100
12.	FVC 52	Internet and Social Media Applications	4	25	75	100
13.	FVC 53	Market Study and Survey Techniques	4	25	75	100
ELECTIVE						
14.	FEVC 54	Basics of Journalism (Elective I)	3	25	75	100
SKILL BASED SUBJECT						
15.	FPVC 55	Internship* (SBS III)	2	100	-	100
III YEAR (VI SEMESTER)						
16.	FVC 61	Media Laws and Ethics	4	25	75	100
17.	FVC 62	Managing Media Business	4	25	75	100
18.	FVC 63	Production Management	4	25	75	100
ELECTIVE						
19.	FEVC 64	Marketing Communication (Elective II)	3	25	75	100
20.	FEVC 65	Light and Colour (Elective III)	3	25	75	100
SKILL BASED SUBJECT						
21.	FSVC 66	Visual Merchandising (SBS IV)	2	25	75	100
PRACTICAL						
22.	FPVC 67	Practical IV – Design Principles II	4	25	75	100
23.	FPVC 68	Group / Individual Project	5	25	75	100
NMSDC III (Choose any 1 out of 5)						
24.	FSNM 60A	Naandi	0	-	-	-
25.	FSNM 60B	Unnati	0	-	-	-
26.	FSNM 60C	Quest	0	-	-	-
27.	FSNM 60D	Izpay	0	-	-	-
28.	FSNM 60E	IBM Skills Build	0	-	-	-
29.	FEA 60	Extension Activities	1	100	-	100
			142			4400

**B.SC. ZOOLOGY**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	FZO 31	Cell and Molecular Biology	4	25	75	100
ALLIED (Choose any 1 out of 3)						
2.	FAZO 12A	Economic Entomology I	3	25	75	100
3.	FACH 15C	Chemistry I	3	25	75	100
4.	FABO 15C	Botany I	3	25	75	100
5.	F5OE 30	Microsoft Office Essentials (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE (Choose any 1 out of 2)						
6.	FNZO 32A	Public Health and Hygiene (NME I)	2	25	75	100
7.	FNZO 32B	Poultry Farming (NME I)	2	25	75	100
II YEAR (IV SEMESTER)						
8.	FZO 41	Genetics and Biotechnology	4	25	75	100
ALLIED (Choose any 1 out of 3)						
9.	FAZO 22A	Economic Entomology II	3	25	75	100
10.	FACH 25C	Chemistry II	3	25	75	100
11.	FABO 25C	Botany II	3	25	75	100
12.	F5OF 40	Office Fundamentals (NMSDC)	2	25	75	100
NON MAJOR ELECTIVE (Choose any 1 out of 2)						
13.	FNZO 42A	Bio-Fertilizer Production (NME II)	2	25	75	100
14.	FNZO 42B	Aquarium Fish Keeping (NME II)	2	25	75	100
PRACTICAL						
15.	FPZO 43	Practical II – Cell and Molecular Biology and Genetics and Biotechnology	3	25	75	100
16.	FPZO 24	Practical – Economic Entomology (Allied)	2	25	75	100
17.	FPCH 25C	Practical – Chemistry (Allied)	2	25	75	100
18.	FPBO 25C	Practical – Botany (Allied)	2	25	75	100
III YEAR (V SEMESTER)						
19.	FZO 51	Biostatistics and Bioinformatics	6	25	75	100
20.	FZO 52	Developmental Biology and Immunology	6	25	75	100
21.	FZO 53	Animal Physiology	5	25	75	100
ELECTIVE I (Choose any 1 out of 2)						
22.	FEZO 54A	Nano Technology in Life Sciences	3	25	75	100
23.	FEZO 54B	Human Endocrinology	3	25	75	100
SKILL BASED SUBJECT (Choose any 1 out of 2)						
24.	FSZO 55A	Animal Behaviour (SBS III)	2	25	75	100
25.	FSZO 55B	Vegetable Meat Culture (SBS III)	2	25	75	100
III YEAR (VI SEMESTER)						
26.	FZO 61	Environmental Biology	5	25	75	100
27.	FZO 62	Economic Zoology	5	25	75	100
ELECTIVE II (Choose any 1 out of 2)						
28.	FEZO 63A	Evolution	3	25	75	100
29.	FEZO 63B	Microbiology	3	25	75	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
ELECTIVE III						
(Choose any 1 out of 2)						
30.	FEZO 64A	Biochemistry	3	25	75	100
31.	FEZO 64B	Applied Entomology	3	25	75	100
SKILL BASED SUBJECT						
(Choose any 1 out of 2)						
32.	FSZO 65A	Medical Lab Technology (SBS IV)	2	25	75	100
33.	FSZO 65B	Industrial Fishery Management (SBS IV)	2	25	75	100
PRACTICAL						
34.	FPZO 66	Practical III – Biostatistics and Bioinformatics, Developmental Biology and Immunology, Animal Physiology	3	25	75	100
35.	FPZO 67	Practical IV – Environmental Biology and Economic Zoology	3	25	75	100
36.	FPZO 68	Group / Individual Project	5	25	75	100
NMSDC III (Choose any 1 out of 5)						
37.	FSNM 60A	Naandi	0	-	-	-
38.	FSNM 60B	Unnati	0	-	-	-
39.	FSNM 60C	Quest	0	-	-	-
40.	FSNM 60D	Izpay	0	-	-	-
41.	FSNM 60E	IBM Skills Build	0	-	-	-
42.	FEA 60	Extension Activities	1	100	-	100
			142			4300



M.A. ARABIC

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	DAR 31	Rhetoric I	5	25	75	100
2.	DAR 32	Modern Prose	5	25	75	100
3.	DAR 33	Essays in Arabic	4	25	75	100
4.	DAR 34	Indian Writing in Arabic	4	25	75	100
ELECTIVE (Choose any 1 out of 2)						
5.	DEAR 35A	Competitive Skills in Arabic	3	25	75	100
6.	DEAR 35B	Documents Preparation in Arabic	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 2)						
7.	DOAR 36A	Arabic Reader I	3	25	75	100
8.	DOAR 36B	Arabic Reader II	3	25	75	100
ONLINE EXAM						
9.	DMOOC 30	MOOC Courses	-	-	-	100
II YEAR (IV SEMESTER)						
10.	DAR 41	Rhetoric II	4	25	75	100
11.	DAR 42	Modern Poetry	4	25	75	100
12.	DAR 43	Journalistic Arabic	3	25	75	100
ELECTIVE (Choose any 1 out of 2)						
13.	DEAR 44A	Communication Skills in Arabic	3	25	75	100
14.	DEAR 44B	Functional Arabic	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 2)						
15.	DOAR 45A	Spoken Arabic & Translation Skills	3	25	75	100
16.	DOAR 45B	Applied Grammar	3	25	75	100
17.	DPAR 46	Project / Dissertation with Viva Voce	5	100 (75 Project + 25 Viva)		100
			90			



M.A. DEFENCE AND STRATEGIC STUDIES

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GDS 31	Geo-Politics	5	25	75	100
2.	GDS 32	Defence Economics	4	25	75	100
3.	GDS 33	Low Intensity Conflicts	4	25	75	100
4.	GDS 34	Contemporary International Security	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
5.	GEDS 35A	Comprehensive Security	3	25	75	100
6.	GEDS 35B	Environmental Security	3	25	75	100
7.	GEDS 35C	Economic Security	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
8.	GODS 36A	Governance of Security	3	25	75	100
9.	GODS 36B	Industrial Security	3	25	75	100
10.	GODS 36C	Information Security	3	25	75	100
ONLINE EXAM						
11.	GMOOC 30	MOOC Courses – SWAYAM, NPTEL	2	-	-	100
II YEAR (IV SEMESTER)						
12.	GDS 41	Research Methodology in Social Science	4	25	75	100
13.	GDS 42	Conflict Resolution	4	25	75	100
14.	GDS 43	Science and Technology and Security	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
15.	GEDS 44A	Area Studies – South Asia and Neighbours	3	25	75	100
16.	GEDS 44B	South East and West Asia	3	25	75	100
17.	GEDS 44C	Central Asia Responsibility	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
18.	GODS 45A	Introduction to Defence Journalism	3	25	75	100
19.	GODS 45B	Management of Refugee Crisis	3	25	75	100
20.	GODS 45C	Indian Ocean Studies	3	25	75	100
21.	GPDS 46	Project / Dissertation with Viva Voce	5	100 (75 Project + 25 Viva)		100
			92			2600

**M.A. ECONOMICS**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GEC 31	Public Finance I	4	25	75	100
2.	GEC 32	International Economics	4	25	75	100
3.	GEC 33	Economics of Growth and Development	4	25	75	100
4.	GEC 34	Research Methodology	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
5.	GEEC 35A	Industrial Economics	3	25	75	100
6.	GEEC 35B	Econometrics	3	25	75	100
7.	GEEC 35C	Health Economics	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
8.	GOEC 36A	Tamilnadu Economics	3	25	75	100
9.	GOEC 36B	Labour Economics	3	25	75	100
10.	GOEC 36C	Urban Economics	3	25	75	100
ONLINE EXAM						
11.	GMOOC 30	MOOC Courses – (1) Environmental Economics (2) Contemporary Economics (3) Managerial Economics (4) Operations Research (5) Communication Skill (6) Economics of Tourism (7) Business Planning and Management (8) Financial Management (9) Marketing Management (10) Engineering Econometrics	2	-	-	100
II YEAR (IV SEMESTER)						
12.	GEC 41	Public Finance II	5	25	75	100
13.	GEC 42	Managerial Economics	4	25	75	100
14.	GEC 43	History of Economic Thought	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
15.	GEEC 44A	Human Resource Development	3	25	75	100
16.	GEEC 44B	Financial Economics	3	25	75	100
17.	GEEC 44C	Environmental Economics	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
18.	GOEC 45A	Economics of Insurance	3	25	75	100
19.	GOEC 45B	Rural Economic Development	3	25	75	100
20.	GOEC 45C	Women and Economy	3	25	75	100
21.	GPEC 46	Project / Dissertation with Viva Voce	5	100 (75 Project + 25 Viva)		100
			92			2600



M.A. ENGLISH

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GEN 31	Non-Fiction and Prose	4	25	75	100
2.	GEN 32	Research Methodology	4	25	75	100
3.	GEN 33	Contemporary Literary Theory II	4	25	75	100
4.	GEN 34	African and Canadian Writings	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
5.	GEEN 35A	Popular Literature	3	25	75	100
6.	GEEN 35B	Children's Literature	3	25	75	100
7.	GEEN 35C	Preparatory Exam for NET/SET/TRB – Paper II	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
8.	GOEN 36A	Soft Skills	3	25	75	100
9.	GOEN 36B	Theorising Sexualities	3	25	75	100
10.	GOEN 36C	Preparatory Exam for NET/SET/TRB – Paper I	3	25	75	100
ONLINE EXAM						
11.	GMOOC 30	MOOC Courses	2	-	-	100
II YEAR (IV SEMESTER)						
12.	GEN 41	World Literature in Translation	5	25	75	100
13.	GEN 42	Shakespeare Studies	4	25	75	100
14.	GEN 43	Single Author Study	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
15.	GEEN 44A	Post-Colonial Studies	3	25	75	100
16.	GEEN 44B	Gender Studies	3	25	75	100
17.	GEEN 44C	English Language Teaching-Theory and Practice	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
18.	GOEN 45A	Film Studies	3	25	75	100
19.	GOEN 45B	English for Media	3	25	75	100
20.	GOEN 45C	Fantasy Fiction	3	25	75	100
21.	GPEN 46	Project / Dissertation with Viva Voce	5	100 (75 Project + 25 Viva)		100
			92			2100

**M.A. HISTORY**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GHI 31	History of World Civilizations (Excluding India) – Ancient Period	5	25	75	100
2.	GHI 32	Historiography	4	25	75	100
3.	GHI 33	History of Europe from C.E.1789 to C.E.1919	4	25	75	100
4.	GHI 34	History of the USA from C.E.1900 to C.E.2000	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
5.	GEHI 35A	An Introduction to Numismatics	3	25	75	100
6.	GEHI 35B	Islamic History and Culture from C.E.500 to C.E.750	3	25	75	100
7.	GEHI 35C	History of Modern Japan from C.E.1900 to C.E.2000	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
8.	GOHI 36A	History of Freedom Struggle in Tamil Nadu	3	25	75	100
9.	GOHI 36B	Contemporary History of India from C.E. 1947 to C.E.2002	3	25	75	100
10.	GOHI 36C	The Dravidian Movement in Tamil Nadu Since C.E.1947	3	25	75	100
ONLINE EXAM						
11.	GMOOC 30	MOOC Courses	2	-	-	100
II YEAR (IV SEMESTER)						
12.	GHI 41	Research Methodology in History	4	25	75	100
13.	GHI 42	History of World Civilizations (Excluding India) Medieval and Modern Period	4	25	75	100
14.	GHI 43	International Relations Since C.E.1919	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
15.	GEHI 44A	An Introduction to Museology	3	25	75	100
16.	GEHI 44B	Islamic History and Culture from C.E.750 to C.E.1258	3	25	75	100
17.	GEHI 44C	History of Modern China from C.E.1900 to C.E.2000	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
18.	GOHI 45A	Contemporary History of the World	3	25	75	100
19.	GOHI 45B	Intellectual History of Tamil Nadu	3	25	75	100
20.	GOHI 45C	Women Development in Tamil Nadu From A.D.1900 to A.D.2000	3	25	75	100
21.	GPHI 46	Project / Dissertation with Viva Voce	5	100 (75 Project + 25 Viva)		100
			92			2600

**M.A. TAMIL**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
		இரண்டாம் வருடம் (மூன்றாம் பருவம்)				
1.	GTA 31	சங்க இலக்கியம் (அகம்)	6	25	75	100
2.	GTA 32	ஆராய்ச்சி நெறிமுறைகள்	6	25	75	100
3.	GTA 33	தொல்காப்பியம் - பொருளதிகாரம் 1	5	25	75	100
		ELECTIVE (Choose any 1 out of 2)				
4.	GETA 34A	சிற்றிலக்கியம்	3	25	75	100
5.	GETA 34B	தமிழ் இலக்கண வரலாறு	3	25	75	100
		OPEN ELECTIVE (Choose any 1 out of 2)				
6.	GOTA 35A	பயன்பாட்டு நாட்டுப்புறவியல்	3	25	75	100
7.	GOTA 35B	அறிவியல் தமிழ்	3	25	75	100
		ONLINE EXAM				
8.	GMOOC 30	MOOC Courses	2	-	-	100
		இரண்டாம் ஆண்டு (நான்காம் பருவம்)				
9.	GTA 41	சங்க இலக்கியம் (புறம்)	6	25	75	100
10.	GTA 42	தொல்காப்பியம் - பொருளதிகாரம் 2	6	25	75	100
		ELECTIVE (Choose any 1 out of 2)				
11.	GETA 43A	இந்தியத் தத்துவங்கள்	3	25	75	100
12.	GETA 43B	கணினியும் தமிழும்	3	25	75	100
		OPEN ELECTIVE (Choose any 1 out of 2)				
13.	GOTA 44A	திருவள்ளுவம்	3	25	75	100
14.	GOTA 44B	இளங்கோவடிகள்	3	25	75	100
15.	GPTA 45	Project / Dissertation with Viva Voce	7	100 (75 Project + 25 Viva)		100
			92			2400

**M.B.A**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GBA 31	Management Information System	4	25	75	100
2.	GBA 32	Human Resource Development	4	25	75	100
3.	GBA 33	Company Law	4	25	75	100
4.	GBA 34	Modern Banking	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
5.	GEBA 35A	Training and Development	3	25	75	100
6.	GEBA 35B	Services Marketing	3	25	75	100
7.	GEBA 35C	Indirect Taxation	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
8.	GOBA 36A	Performance Management	3	25	75	100
9.	GOBA 36B	Retail Management	3	25	75	100
10.	GOBA 36C	Financial Markets and Institutions	3	25	75	100
ONLINE EXAM						
11.	GMOOC 30	MOOC Courses	2	-	-	100
II YEAR (IV SEMESTER)						
12.	GBA 41	Entrepreneurial Development	5	25	75	100
13.	GBA 42	Business Environment	4	25	75	100
14.	GBA 43	Quality Management	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
15.	GEBA 44A	Organisational Development	3	25	75	100
16.	GEBA 44B	Logistics and Supply Chain Management	3	25	75	100
17.	GEBA 44C	Banking and Indian Financial System	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
18.	GOBA 45A	Strategic Human Resource Management	3	25	75	100
19.	GOBA 45B	Brand Management	3	25	75	100
20.	GOBA 45C	Working Capital Management	3	25	75	100
21.	GPBA 46	Project / Dissertation with Viva Voce	7	100 (75 Project + 25 Viva)		100
			92			2600



M.B.A. (HRM)

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GHR 31	Management Information System	4	25	75	100
2.	GHR 32	Human Resource Development	4	25	75	100
3.	GHR 33	Industrial and Labour Relations	4	25	75	100
4.	GHR 34	Modern Banking	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
5.	GEHR 35A	Training and Development	3	25	75	100
6.	GEHR 35B	Performance Management	3	25	75	100
7.	GEHR 35C	Negotiations and Conflict Management	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
8.	GOHR 36A	Retail Management	3	25	75	100
9.	GOHR 36B	Personal Effectiveness	3	25	75	100
10.	GOHR 36C	International Business	3	25	75	100
ONLINE EXAM						
11.	GMOOC 30	MOOC Courses	2	-	-	100
II YEAR (IV SEMESTER)						
12.	GHR 41	Entrepreneurial Development	5	25	75	100
13.	GHR 42	Business Environment	4	25	75	100
14.	GHR 43	Strategic Human Resource Management	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
15.	GEHR 44A	Organisational Development	3	25	75	100
16.	GEHR 44B	HR Analytics	3	25	75	100
17.	GEHR 44C	International Human Resource Management	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
18.	GOHR 45A	Logistics and Supply Chain Management	3	25	75	100
19.	GOHR 45B	Services Marketing	3	25	75	100
20.	GOHR 45C	Quality Management	3	25	75	100
21.	GPHR 46	Project / Dissertation with Viva Voce	5	100 (75 Project + 25 Viva)		100
			92			2600

**M.C.A**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GCA 31	Advance Java Programming	3	25	75	100
2.	GCA 32	Unix and Shell Programming	3	25	75	100
3.	GCA 33	Desktop Application using C#	3	25	75	100
ELECTIVE III (Choose any 1 out of 3)						
4.	GECA 34A	Software Testing	3	25	75	100
5.	GECA 34B	Software Project Management	3	25	75	100
6.	GECA 34C	Object Oriented Software	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
7.	GOCA 35A	Introduction to C	3	25	75	100
8.	GOCA 35B	Introduction to C#	3	25	75	100
9.	GOCA 35C	Introduction to Python	3	25	75	100
ONLINE EXAM						
10.	GMOOC 30	MOOC Courses	2	-	-	100
PRACTICAL						
11.	GPCA 37	Practical VII – Advance Java Programming	2	25	75	100
12.	GPCA 38	Practical VIII – Unix and Shell Programming	2	25	75	100
13.	GPCA 39	Practical IX – Desktop Applications Using C#	2	25	75	100
II YEAR (IV SEMESTER)						
14.	GCA 41	Enterprise Java Programming	3	25	75	100
15.	GCA 42	Python Programming	3	25	75	100
16.	GCA 43	Web Applications Using C#	3	25	75	100
ELECTIVE IV (Choose any 1 out of 3)						
17.	GECA 44A	Internet of Things	3	25	75	100
18.	GECA 44B	Cloud Computing	3	25	75	100
19.	GECA 44C	Big Data Analysis	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
20.	GOCA 45A	Introduction to Database System	3	25	75	100
21.	GOCA 45B	Introduction to IoT	3	25	75	100
22.	GOCA 45C	Introduction to Mobile Application	3	25	75	100
PRACTICAL						
23.	GPCA 46	Practical X – Enterprise Java Programming	2	25	75	100
24.	GPCA 47	Practical XI – Python Programming	2	25	75	100
25.	GPCA 48	Practical XII – Web Applications Using C#	2	25	75	100
26.	GPCA 49	Project / Dissertation with Viva Voce	2	100 (75 Project + 25 Viva)		100
			92			3600

**M.COM**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GCM 31	Goods and Services Tax (GST)	4	25	75	100
2.	GCM 32	Organizational Behaviour	4	25	75	100
3.	GCM 33	Advanced Cost Accounting	4	25	75	100
4.	GCM 34	Research Methodology	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
5.	GECEM 35A	Agri Business Management	3	25	75	100
6.	GECEM 35B	Services Marketing	3	25	75	100
7.	GECEM 35C	Business Analytics	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
8.	GOCEM 36A	Small Business Management	3	25	75	100
9.	GOCEM 36B	Banking Theory	3	25	75	100
10.	GOCEM 36C	Stress Management	3	25	75	100
ONLINE EXAM						
11.	GMOOC 30	MOOC Courses	2	-	-	100
II YEAR (IV SEMESTER)						
12.	GCM 41	Direct Taxes	4	25	75	100
13.	GCM 42	Investment and Portfolio Management	4	25	75	100
14.	GCM 43	Project Development	5	25	75	100
ELECTIVE (Choose any 1 out of 3)						
15.	GECEM 44A	Financial Services	3	25	75	100
16.	GECEM 44B	Information Technology in Business	3	25	75	100
17.	GECEM 44C	Entrepreneurial Development	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
18.	GOCEM 45A	Office Management	3	25	75	100
19.	GOCEM 45B	Business Organisation	3	25	75	100
20.	GOCEM 45C	Principles of Auditing	3	25	75	100
21.	GPCM 46	Project / Dissertation with Viva Voce	5	100 (75 Project + 25 Viva)		100
			92			2600



M.COM. COMPUTER APPLICATION

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GCP 31	Goods and Services Tax (GST)	4	25	75	100
2.	GCP 32	Advanced Cost Accounting	4	25	75	100
3.	GCP 33	Enterprise Resource Planning	4	25	75	100
4.	GCP 34	Desktop Application Using C#	3	25	75	100
ELECTIVE (Choose any 1 out of 3)						
5.	GECP 35A	Multimedia and Animation	3	25	75	100
6.	GECP 35B	Resource Management Techniques	3	25	75	100
7.	GECP 35C	Big Data	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
8.	GOCP 36A	Business Analytics	3	25	75	100
9.	GOCP 36B	Banking Theory	3	25	75	100
10.	GOCP 36C	Stress Management	3	25	75	100
ONLINE EXAM						
11.	GMOOC 30	MOOC Courses	2	-	-	100
PRACTICAL						
12.	GPCP 38	Practical III – Desktop Application Using C# Lab	2	25	75	100
II YEAR (IV SEMESTER)						
13.	GCP 41	Direct Taxes	4	25	75	100
14.	GCP 42	E – Commerce	4	25	75	100
15.	GCP 43	Programming with Java	3	25	75	100
ELECTIVE (Choose any 1 out of 3)						
16.	GECP 44A	Mobile Computing	3	25	75	100
17.	GECP 44B	Object Oriented Analysis and Design	3	25	75	100
18.	GECP 44C	Software Engineering	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
19.	GOCP 45A	Financial Services	3	25	75	100
20.	GOCP 45B	Entrepreneurial Development	3	25	75	100
21.	GOCP 45C	Project Development	3	25	75	100
PRACTICAL						
22.	GPCP 46	Practical IV – Programming with Java Lab	2	25	75	100
23.	GPCP 47	Project / Dissertation with Viva Voce	5	100 (75 Project + 25 Viva)		100
			92			3000



MASTER OF SOCIAL WORK

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
Specialization Paper I (Choose any 1 out of 3)						
1.	GSW 31A	Human Resource Management	4	25	75	100
2.	GSW 31B	Rural Community Development	4	25	75	100
3.	GSW 31C	Psychiatric Social Work Practice	4	25	75	100
Specialization Paper II (Choose any 1 out of 3)						
4.	GSW 32A	Labour Legislations and Labour Welfare	4	25	75	100
5.	GSW 32B	Urban Community Development	4	25	75	100
6.	GSW 32C	Medical Social Work	4	25	75	100
7.	GSW 33	Computer Applications in Social Work	3	25	75	100
ELECTIVE (Choose any 1 out of 3)						
8.	GESW 34A	Social Policy and Social Legislations	3	25	75	100
9.	GESW 34B	Social Justice and Human Rights	3	25	75	100
10.	GESW 34C	Social Policy and Planning	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
11.	GOSW 35A	Understanding Marginalities	3	25	75	100
12.	GOSW 35B	Gender Development	3	25	75	100
13.	GOSW 35C	Child Rights and Action	3	25	75	100
ONLINE EXAM						
14.	GMOOC 30	MOOC Courses	2	-	-	100
PRACTICAL						
15.	GPSW 36	Practical III – Concurrent Field Work III	6	40	60	100
II YEAR (IV SEMESTER)						
Specialization Paper III (Choose any 1 out of 3)						
16.	GSW 41A	Organization Behaviour	3	25	75	100
17.	GSW 41B	Development Strategies	3	25	75	100
18.	GSW 41C	Clinical Social Work Practice	3	25	75	100
Specialization Paper IV (Choose any 1 out of 3)						
19.	GSW 42A	Industrial Relations	3	25	75	100
20.	GSW 42B	Livelihood and Social Audit	3	25	75	100
21.	GSW 42C	Therapeutic Interventions in Social Work	3	25	75	100
ELECTIVE (Choose any 1 out of 3)						
22.	GESW 43A	Disaster Management	3	25	75	100
23.	GESW 43B	Corporate Social Responsibility	3	25	75	100
24.	GESW 43C	Hospital Administration	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
25.	GOSW 44A	Contemporary Social Work Perspectives and Concerns	3	25	75	100
26.	GOSW 44B	Dynamics of Human Behaviour	3	25	75	100
27.	GOSW 44C	Industrial Psychology	3	25	75	100



S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
		PRACTICAL				
28.	GPSW 45	Practical IV – Concurrent Field Work IV	5	40	60	100
29.	GPSW 46	Project / Dissertation with Viva Voce	5	100 (75 Project + 25 Viva)		100
			92			2700

**M.SC. APPLIED MICROBIOLOGY**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GAM 31	Medical Virology and Parasitology	5	25	75	100
2.	GAM 32	Agricultural and Environmental Microbiology	4	25	75	100
3.	GAM 33	Biotechnology	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
4.	GEAM 34A	Bioremediation	3	25	75	100
5.	GEAM 34B	Research Methodology	3	25	75	100
6.	GEAM 34C	Marine Microbiology	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
7.	GOAM 35A	Mushroom Cultivation	3	25	75	100
8.	GOAM 35B	Public Health Microbiology	3	25	75	100
9.	GOAM 35C	Intellectual Property Rights	3	25	75	100
ONLINE EXAM						
10.	GMOOC 30	MOOC Courses	2	-	-	100
PRACTICAL						
11.	GPAM 37	Practical III – Lab Course III	5	50	150	200
II YEAR (IV SEMESTER)						
12.	GAM 41	Recombinant DNA Technology	5	25	75	100
ELECTIVE (Choose any 1 out of 3)						
13.	GEAM 42A	Diagnostic Microbiology	3	25	75	100
14.	GEAM 42B	Microbial Nanotechnology	3	25	75	100
15.	GEAM 42C	Bioethics	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
16.	GOAM 43A	Computational Biology	3	25	75	100
17.	GOAM 43B	Biosafety	3	25	75	100
18.	GOAM 43C	Algal Technology	3	25	75	100
19.	GPAM 44	Project / Dissertation with Viva Voce	5	100 (75 Project + 25 Viva)		100
			92			2800

**M.SC. BIOCHEMISTRY**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GBC 31	Molecular Endocrinology	4	25	75	100
2.	GBC 32	Enzyme Technology	4	25	75	100
3.	GBC 33	Biotechnology	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
4.	GEBC 34A	Phytomedicine	3	25	75	100
5.	GEBC 34B	Genetic Engineering	3	25	75	100
6.	GEBC 34C	Diagnostic Biochemistry	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
7.	GOBC 35A	Mushroom Cultivation	3	25	75	100
8.	GOBC 35B	Methods in Food Preservation	3	25	75	100
9.	GOBC 35C	Human Physiology and Nutrition	3	25	75	100
ONLINE EXAM						
10.	GMOOC 30	MOOC Courses – NPTEL / Spoken Tutorial / MSME Course	2	-	-	100
II YEAR (IV SEMESTER)						
11.	GBC 41	Research Methodology	4	25	75	100
12.	GBC 42	Advanced Clinical Biochemistry	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
13.	GEBC 43A	Bioinformatics	3	25	75	100
14.	GEBC 43B	Nanobiotechnology	3	25	75	100
15.	GEBC 43C	Stem Cell Technology	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
16.	GOBC 44A	Evolutionary Biology	3	25	75	100
17.	GOBC 44B	Bioremediation	3	25	75	100
18.	GOBC 44C	Life Style – Disease and Prevention	3	25	75	100
PRACTICAL						
19.	GPBC 45	Practical III – Enzymology and Clinical Diagnostics	3	25	75	100
20.	GPBC 46	Practical IV – Haematological Methods and Urine Analysis	3	25	75	100
21.	GPBC 47	Project / Dissertation with Viva Voce	7	100 (75 Project + 25 Viva)		100
			92			2700



M.SC. BIOINFORMATICS

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GBI 31	Molecular Modeling and Drug Designing	4	25	75	100
2.	GBI 32	Systems Biology	4	25	75	100
3.	GBI 33	Advanced Programming in Bioinformatics	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
4.	GEBI 34A	Data Warehousing and Data Mining	3	25	75	100
5.	GEBI 34B	Genetic Engineering	3	25	75	100
6.	GEBI 34C	R Programming	3	25	75	100
OPEN ELECTIVE						
7.	GOBI 35	Introduction to Drug Design and Discovery	3	25	75	100
ONLINE EXAM						
8.	GMOOC 30	MOOC Courses	2	-	-	100
II YEAR (IV SEMESTER)						
9.	GBI 41	Research Methodology	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
10.	GEBI 42A	Bioethics, Biosafety and IPR	3	25	75	100
11.	GEBI 42B	Medical Biotechnology	3	25	75	100
12.	GEBI 42C	Big Data Analytics and NGS	3	25	75	100
OPEN ELECTIVE						
13.	GOBI 43	Fundamentals of Algorithms	3	25	75	100
PRACTICAL						
14.	GPBI 44	Practical IV – Molecular Modeling	3	25	75	100
15.	GPBI 45	Practical V – Perl and Python	3	25	75	100
16.	GPBI 46	Project / Dissertation with Viva Voce	7	100 (75 Project + 25 Viva)		100
			92			2200



M.SC. BIOTECHNOLOGY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GBT 31	Ecology and Environmental Biotechnology	5	25	75	100
2.	GBT 32	Plant Biotechnology	5	25	75	100
3.	GBT 33	Animal Biotechnology	5	25	75	100
ELECTIVE (Choose any 1 out of 3)						
4.	GEBT 34A	Cancer Biology	3	25	75	100
5.	GEBT 34B	Industrial Biotechnology	3	25	75	100
6.	GEBT 34C	Virology	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
7.	GOBT 35A	Forensic Science	3	25	75	100
8.	GOBT 35B	Dairy Farming	3	25	75	100
9.	GOBT 35C	Waste Water Management	3	25	75	100
ONLINE EXAM						
10.	GMOOC 30	MOOC Courses	2	-	-	100
II YEAR (IV SEMESTER)						
11.	GBT 41	Research Methodology	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
12.	GEBT 42A	Biosafety, Bioethics and IPR	3	25	75	100
13.	GEBT 42B	Systems Biology	3	25	75	100
14.	GEBT 42C	Stem Cell Biology	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
15.	GOBT 43A	Organic Farming	3	25	75	100
16.	GOBT 43B	Entrepreneurship	3	25	75	100
17.	GOBT 43C	Pollution Control	3	25	75	100
PRACTICAL						
18.	GPBT 44	Practical IV – Lab in Ecology and Environmental Biotechnology	3	25	75	100
19.	GPBT 45	Practical V – Lab in Plant Biotechnology	3	25	75	100
20.	GPBT 46	Project / Dissertation with Viva Voce	5	100 (75 Project + 25 Viva)		100
			92			2700



M.SC. BOTANY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GBO 31	Morphology and Taxonomy of Angiosperm and Economic Botany	4	25	75	100
2.	GBO 32	Biotechnology and Genetic Engineering	4	25	75	100
3.	GBO 33	Ecology and Conservation Biology	4	25	75	100
ELECTIVE (Choose any 1 out of 2)						
4.	GEBO 34A	Plant Tissue Culture	3	25	75	100
5.	GEBO 34B	Nanobiotechnology	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 2)						
6.	GOBO 35A	Ethnobotany	3	25	75	100
7.	GOBO 35B	Forestry and Carbon Management	3	25	75	100
ONLINE EXAM						
8.	GMOOC 30	MOOC Courses	2	-	-	100
PRACTICAL						
9.	GPBO 36	Practical III – Covering Papers VII, VIII & IX	3	0	0	0
II YEAR (IV SEMESTER)						
10.	GBO 41	Plant Physiology and Plant Biochemistry	4	25	75	100
11.	GBO 42	Research Methodology	4	25	75	100
ELECTIVE (Choose any 1 out of 2)						
12.	GEBO 43A	Bioinformatics and IPR Patenting	3	25	75	100
13.	GEBO 43B	Wood Sciences and Technology	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 2)						
14.	GOBO 44A	Biodiversity and Conservation	3	25	75	100
15.	GOBO 44B	Biological Invasions	3	25	75	100
PRACTICAL						
16.	GPBO 45	Practical III – Covering Papers VII, VIII & IX	3	25	75	100
17.	GPBO 46	Practical IV – Covering Papers X & XI	3	25	75	100
18.	GPBO 47	Project / Dissertation with Viva Voce	6	100 (75 Project + 25 Viva)		100
			92			2100

**M.SC. CHEMISTRY**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GCH 31	Organic Chemistry III	3	25	75	100
2.	GCH 32	Inorganic Chemistry III	4	25	75	100
3.	GCH 33	Physical Chemistry III	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
4.	GECH 34A	Scientific Research Methodology	3	25	75	100
5.	GECH 34B	Advanced Bioinorganic Chemistry	3	25	75	100
6.	GECH 34C	Advanced Analytical Techniques	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
7.	GOCH 35A	Industrial Chemistry II	3	25	75	100
8.	GOCH 35B	Science of Photography	3	25	75	100
9.	GOCH 35C	Energy Resources	3	25	75	100
ONLINE EXAM						
10.	GMOOC 30	MOOC Courses	2	-	-	100
II YEAR (IV SEMESTER)						
11.	GCH 41	Organic Chemistry IV	4	25	75	100
12.	GCH 42	Physical Chemistry IV	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
13.	GECH 43A	Inorganic Chemistry IV	3	25	75	100
14.	GECH 43B	Environmental Chemistry	3	25	75	100
15.	GECH 43C	Medicinal Chemistry and Drug Design	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
16.	GOCH 44A	Polymer and Plastics	3	25	75	100
17.	GOCH 44B	Basics of Forensic Science	3	25	75	100
18.	GOCH 44C	Health Science	3	25	75	100
PRACTICAL						
19.	GPCH 45	Practical – Organic Chemistry II	3	25	75	100
20.	GPCH 46	Practical – Inorganic Chemistry II	3	25	75	100
21.	GPCH 47	Practical – Physical Chemistry II	3	25	75	100
22.	GPCH 48	Project / Dissertation with Viva Voce	5	100 (75 Project + 25 Viva)		100
			92			2900



M.SC. COMPUTER SCIENCE

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GCS 31	Distributed Operating System	4	25	75	100
2.	GCS 32	XML and Web Services	4	25	75	100
3.	GCS 33	Programming Using Python	3	25	75	100
ELECTIVE (Choose any 1 out of 3)						
4.	GECS 34A	Block Chain Technology	3	25	75	100
5.	GECS 34B	Internet of Things	3	25	75	100
6.	GECS 34C	Network Security	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
7.	GOCS 35A	Programming Using C	3	25	75	100
8.	GOCS 35B	Programming Using C++	3	25	75	100
9.	GOCS 35C	Programming Using Python	3	25	75	100
ONLINE EXAM						
10.	GMOOC 30	MOOC Courses	2	-	-	100
PRACTICAL						
11.	GPCS 37	Practical – Distributed Operating System	2	25	75	100
12.	GPCS 38	Practical – XML and Web Services	2	25	75	100
13.	GPCS 39	Practical – Programming Using Python	2	25	75	100
II YEAR (IV SEMESTER)						
14.	GCS 41	Mobile Application Development	4	25	75	100
15.	GCS 42	Software Project Management	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
16.	GECS 43A	Big Data Analytics	3	25	75	100
17.	GECS 43B	Artificial Intelligence	3	25	75	100
18.	GECS 43C	Machine Learning	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
19.	GOCS 44A	Cyber Security	3	25	75	100
20.	GOCS 44B	Decision Support System	3	25	75	100
21.	GOCS 44C	Research Methods and Ethics	3	25	75	100
PRACTICAL						
22.	GPCS 45	Practical – Mobile Application Development	2	25	75	100
23.	GPCS 46	Project / Dissertation with Viva Voce	5	100 (75 Project + 25 Viva)		100
			92			3300



M.SC. FOODS AND NUTRITION

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GFN 31	Nutritional Biochemistry	4	25	75	100
2.	GFN 32	Research Methodology and Applied Statistics	3	25	75	100
3.	GFN 33	Community Nutrition	3	25	75	100
ELECTIVE (Choose any 1 out of 3)						
4.	GEFN 34A	Nutrition in Emergencies	3	25	75	100
5.	GEFN 34B	Functional Foods and Nutraceuticals	3	25	75	100
6.	GEFN 34C	Principles of Food Analysis	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
7.	GOFN 35A	Principles of Nutrition I	3	25	75	100
8.	GOFN 35B	Assessment of Nutritional Status	3	25	75	100
9.	GOFN 35C	Nutrition Education and Counselling	3	25	75	100
ONLINE EXAM						
10.	GMOOC 30	MOOC Courses	2	-	-	100
11.	GPFN 36	Internship (Viva Voce)	2	25	75	100
II YEAR (IV SEMESTER)						
12.	GFN 41	Diet Therapy	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
13.	GEFN 42A	Food Biotechnology	3	25	75	100
14.	GEFN 42B	Food Safety and Nutrition Security	3	25	75	100
15.	GEFN 42C	Computer Applications in Food Science and Nutrition	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
16.	GOFN 43A	Principles of Nutrition II	3	25	75	100
17.	GOFN 43B	Nutrition in Special Condition	3	25	75	100
18.	GOFN 43C	Techniques of Food Evaluation	3	25	75	100
PRACTICAL						
19.	GPFN 44	Practical III – Nutritional Biochemistry & Community Nutrition	3	25	75	100
20.	GPFN 45	Practical IV – Diet Therapy	3	25	75	100
21.	GPFN 46	Project / Dissertation with Viva Voce	5	100 (75 Project + 25 Viva)		100
			92			2700



M.SC. INFORMATION TECHNOLOGY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GIT 31	Internet Programming	3	25	75	100
2.	GIT 32	Mobile Computing	3	25	75	100
3.	GIT 33	Computer Graphics and Multimedia	3	25	75	100
ELECTIVE (Choose any 1 out of 3)						
4.	GEIT 34A	JSP and EJB	3	25	75	100
5.	GEIT 34B	Big Data Analytics	3	25	75	100
6.	GEIT 34C	Image Processing	3	25	75	100
OPEN ELECTIVE						
7.	GOIT 35	Data Analysis Using SPSS	3	25	75	100
ONLINE EXAM						
8.	GMOOC 30	MOOC Courses	2	-	-	100
II YEAR (IV SEMESTER)						
9.	GIT 41	Data Warehousing and Data Mining	4	25	75	100
10.	GIT 42	Network Security	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
11.	GEIT 43A	Open Source Software	3	25	75	100
12.	GEIT 43B	Machine Learning Techniques	3	25	75	100
13.	GEIT 43C	Component Technology	3	25	75	100
OPEN ELECTIVE						
14.	GOIT 44	Content Design Using Latex	3	25	75	100
PRACTICAL						
15.	GPIT 45	Practical IV – Network Lab	5	25	75	100
16.	GPIT 46	Practical V – Internet Programming Lab	5	25	75	100
17.	GPIT 47	Practical VI – Graphics and Multimedia Lab	5	25	75	100
18.	GPIT 48	Project / Dissertation with Viva Voce	4	100 (75 Project + 25 Viva)		100
			92			2400



M.SC. INTERIOR DESIGN AND DECOR

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GID 31	Ergonomics in Interior Design	5	25	75	100
2.	GID 32	Household Equipment	4	25	75	100
3.	GID 33	Building Materials and Finishes	4	25	75	100
4.	GID 34	Basics of Architecture	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
5.	GEID 35A	Event Management	3	25	75	100
6.	GEID 35B	Interior Environment and Services	3	25	75	100
7.	GEID 35C	Organizational Behaviour	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
8.	GOID 36A	Accessories in Interiors	3	25	75	100
9.	GOID 36B	Commercial Interiors	3	25	75	100
10.	GOID 36C	Basics of Furniture Design	3	25	75	100
ONLINE EXAM						
11.	GMOOC 30	MOOC Courses	2	-	-	100
II YEAR (IV SEMESTER)						
12.	GID 41	Professional Practice and Estimation	5	25	75	100
ELECTIVE (Choose any 1 out of 3)						
13.	GEID 42A	Sustainable Interiors	3	25	75	100
14.	GEID 42B	Advanced Resource Management	3	25	75	100
15.	GEID 42C	Green Consumerism	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
16.	GOID 43A	Home Furnishings	3	25	75	100
17.	GOID 43B	Green Interiors	3	25	75	100
18.	GOID 43C	Alternative Sources of Energy	3	25	75	100
PRACTICAL						
19.	GPID 44	Practical III – 3ds Max in Interiors	3	25	75	100
20.	GPID 45	Project / Dissertation with Viva Voce	7	100 (75 Project + 25 Viva)		100
			92			2600



M.SC. MATHEMATICS

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GMA 31	Complex Analysis I	6	25	75	100
2.	GMA 32	Topology	5	25	75	100
3.	GMA 33	Differential Geometry	5	25	75	100
ELECTIVE (Choose any 1 out of 3)						
4.	GEMA 34A	LaTeX	3	25	75	100
5.	GEMA 34B	Discrete Mathematics	3	25	75	100
6.	GEMA 34C	Operations Research	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
7.	GOMA 35A	Mathematical Biology	3	25	75	100
8.	GOMA 35B	Quantitative Techniques	3	25	75	100
9.	GOMA 35C	SCILAB	3	25	75	100
ONLINE EXAM						
10.	GMOOC 30	MOOC Courses	2	-	-	100
II YEAR (IV SEMESTER)						
11.	GMA 41	Complex Analysis II	4	25	75	100
12.	GMA 42	Fluid Dynamics	4	25	75	100
13.	GMA 43	Functional Analysis	5	25	75	100
ELECTIVE (Choose any 1 out of 3)						
14.	GEMA 44A	Number Theory and Cryptography	3	25	75	100
15.	GEMA 44B	Advanced Numerical Analysis	3	25	75	100
16.	GEMA 44C	Calculus of Variations and Integral Equations	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
17.	GOMA 45A	Mathematical Economics	3	25	75	100
18.	GOMA 45B	Entrepreneurial Development	3	25	75	100
19.	GOMA 45C	Programming in C++	3	25	75	100
20.	GPMA 46	Project / Dissertation with Viva Voce	5	100 (75 Project + 25 Viva)		100
			92			2400



M.SC. PHYSICS

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GPH 31	Condensed Matter Physics	4	25	75	100
2.	GPH 32	Nuclear Physics	4	25	75	100
3.	GPH 33	Microprocessors and Microcontrollers	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
4.	GEPH 34A	Research Methodology	3	25	75	100
5.	GEPH 34B	Material Science	3	25	75	100
6.	GEPH 34C	Numerical Methods and C Programming	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
7.	GOPH 35A	Electrical and Electronics Appliances	3	25	75	100
8.	GOPH 35B	Physics of Materials	3	25	75	100
9.	GOPH 35C	Geophysics	3	25	75	100
ONLINE EXAM						
10.	GMOOC 30	MOOC Courses	2	-	-	100
II YEAR (IV SEMESTER)						
11.	GPH 41	Spectroscopy	3	25	75	100
ELECTIVE (Choose any 1 out of 3)						
12.	GEPH 42A	Crystal Growth and Thin Films	3	25	75	100
13.	GEPH 42B	Medical Physics	3	25	75	100
14.	GEPH 42C	MATLAB and Python Programming	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
15.	GOPH 43A	Nanophysics	3	25	75	100
16.	GOPH 43B	Astrophysics	3	25	75	100
17.	GOPH 43C	Weather Forecasting	3	25	75	100
PRACTICAL						
18.	GPPH 44	Practical – Advanced General Experiments	4	25	75	100
19.	GPPH 45	Practical – Microprocessor, Microcontroller & C++ Programming	4	25	75	100
20.	GPPH 46	Project / Dissertation with Viva Voce	6	100 (75 Project + 25 Viva)		100
			92			2600



M.SC. PSYCHOLOGY

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GSY 31	Counselling Skills and Techniques	4	25	75	100
2.	GSY 32	Research Methods and Applied Statistics	4	25	75	100
3.	GSY 33	Organizational Behavior	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
4.	GESY 34A	Training and Development	3	25	75	100
5.	GESY 34B	Adolescent Psychology	3	25	75	100
6.	GESY 34C	CBT and REBT	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 2)						
7.	GOSY 35A	Emotional Maturity	3	25	75	100
8.	GOSY 35B	Positive Psychology	3	25	75	100
9.	GOSY 35C	Organizational Behaviour	3	25	75	100
ONLINE EXAM						
10.	GMOOC 30	MOOC Courses	2	-	-	100
II YEAR (IV SEMESTER)						
11.	GSY 41	Psychotherapies	4	25	75	100
12.	GSY 42	Psychopathology	4	25	75	100
13.	GSY 43	School Counselling	4	25	75	100
ELECTIVE (Choose any 1 out of 3)						
14.	GESY 44A	Educational Counselling	3	25	75	100
15.	GESY 44B	Adult, Elderly and Family Counselling	3	25	75	100
16.	GESY 44C	Building Relationship with Self and Others	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 3)						
17.	GOSY 45A	Integrative Techniques in Counselling and Psychotherapy	3	25	75	100
18.	GOSY 45B	Family Counselling	3	25	75	100
19.	GOSY 45C	Skills of Counselling and Psychotherapy	3	25	75	100
PRACTICAL						
20.	GPSY 46	Project / Dissertation with Viva Voce	5	100 (75 Project + 25 Viva)		100
			92			2700

**M.SC. ZOOLOGY**

S.NO.	PAPER CODE	TITLE OF THE PAPER	CREDIT	CIA	UNI. EXAM	TOT
II YEAR (III SEMESTER)						
1.	GZO 31	Animal Physiology	3	25	75	100
2.	GZO 32	Developmental Biology	3	25	75	100
3.	GZO 33	Immunology	3	25	75	100
ELECTIVE (Choose any 1 out of 2)						
4.	GEZO 34A	Bioethics and Biosafety	3	25	75	100
5.	GEZO 34B	Biophysics	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 2)						
6.	GOZO 35A	Aquarium Fish Keeping	3	25	75	100
7.	GOZO 35B	Medical Laboratory Technology	3	25	75	100
ONLINE EXAM						
8.	GMOOC 30	MOOC Courses	2	-	-	100
II YEAR (IV SEMESTER)						
9.	GZO 41	Research Methodology	4	25	75	100
10.	GZO 42	Entomology	4	25	75	100
ELECTIVE (Choose any 1 out of 2)						
11.	GEZO 43A	Sericulture	3	25	75	100
12.	GEZO 43B	Microbiology	3	25	75	100
OPEN ELECTIVE (Choose any 1 out of 2)						
13.	GOZO 44A	Sericulture	3	25	75	100
14.	GOZO 44B	Pearl Culture	3	25	75	100
PRACTICAL						
15.	GPZO 45	Practical III – Animal Physiology, Developmental Biology and Immunology	4	25	75	100
16.	GPZO 46	Practical IV – Research Methodology and Entomology	4	25	75	100
17.	GPZO 47	Project / Dissertation with Viva Voce	5	100 (75 Project + 25 Viva)		100
			92			2700

Sd/-
Controller of Examinations (i/c)