



Women's Christian College

Chennai - 600 006

Tamil Nadu, India

NAAC - CYCLE V

SSR

Course Profile

2023-2026

DEPARTMENT OF HISTORY

Student Course Profile (2023-2026)

PART III - Core

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UHS/CO/55	I	HST	History of India up to 1526 C.E	5	-	100	100	100	4
UHS/CO/56 M	I	HST	Women's Studies	4	-	100	100	100	4
Credits in Semester – I									8
UHS/CO/57 M	II	HST	History of Medieval India (up to 1707 C.E)	6	-	100	100	100	4
UHS/CO/58	II	HST	History of Madras	5	-	100	100	100	4
Credits in Semester – II									8
UHS/CO/69	III	HST	Colonialism to Independence	5	-	100	100	100	4
UHS/CO/73M	III	HST	Human Rights in India	4	-	100	100	100	4
Credits in Semester – III									8
UHS/CO/70M	IV	HST	History of India from 1947 to present times	4	-	100	100	100	4
UHS/CO/63	IV	HST	Basics of Anthropology	4	-	100	100	100	4
Credits in Semester – IV									8
UHS/CO/46M	V	HST	Art History of India and the West	5	-	100	100	100	4
UHS/CO/47M	V	HST	European History (1900 A.D to Present Times)	5	-	100	100	100	4
UHS/CO/54	V	HST	Political Reforms in China (From 1949 – Till Present)	5	-	100	100	100	4
UHS/CO/64	V	HST	History of USA Since 1945	4	-	100	100	100	3
UHS/ CO/65	V	HST	Internship	15 days		50		50	1
Credits in Semester –V									16
UHS/CO/62M	VI	HST	Contemporary History of Japan	5	-	100	100	100	4
UHS/CO/66	VI	HST	Principles of Archaeology	6	-	100	100	100	4
UHS/CO/67	VI	HST	International Relations	5	-	100	100	100	4
Credits in Semester –VI									12
Total Core Credits									60

DEPARTMENT OF ENGLISH
Student Course Profile (2023 – 2026)

PART III – Core

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P				
UEN/CO/36M	I	ENG	Approaching Literature	4	-	100	100	100	4
UEN/CO/46M	I	ENG	British Literature 1550-1750	4	-	100	100	100	4
Credits in Semester - I									8
UEN/CO/61M	II	ENG	Feminist Perspectives- An Introduction	5	-	100	100	100	4
UEN/CO/62M	II	ENG	British Literature 1750 - 1900	5	-	100	100	100	4
Credits in Semester - II									8
UEN/CO/29M	III	ENG	Contemporary American Literature 1960 onwards	4	-	100	100	100	4
UEN/CO/37M	III	ENG	Readings in Literature	4	-	100	100	100	4
Credits in Semester - III									8
UEN/CO/64M	IV	ENG	20 th Century British Literature	4	-	100	100	100	4
UEN/CO/63M	IV	ENG	Life Narratives	4	-	100	100	100	4
Credits in Semester - IV									8
UEN/CO/52	V	ENG	Indian Literatures –Paper I	5	-	100	100	100	4
UEN/CO/58M	V	ENG	Postcolonial Literature	5	-	100	100	100	4
UEN/CO/50M	V	ENG	Asian Literature – I	5	-	100	100	100	4
UEN/CO/65	V	ENG	Food Writing	5		100	100	100	3
UEN/CO/60	V	ENG	Internship*	-	-	-	50	50	1
Credits in Semester - V									16
UEN/CO/53M	VI	ENG	Indian Literatures –Paper II	5	-	100	100	100	4
UEN/CO/66M	VI	ENG	Ecoliterature	5	-	100	100	100	4
UEN/CO/51	VI	ENG	Asian Literature - II	5	-	100	100	100	4
Credits in Semester - VI									12
Total Core Credits									60

*Duration of 2-4 week

DEPARTMENT OF MATHEMATICS

Student Course Profile (2023- 2026)

Part III Core

Code	Sem	Offered By	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UMA/CO/57	I	MAT	Differential Calculus	4	-	100	100	100	3
UMA/CO/50M	I	MAT	Classical Algebra	4	-	100	100	100	4
Credits in Semester – I									7
UMA/CO/51	II	MAT	Integral Calculus	4	-	100	100	100	4
UMA/CO/52M	II	MAT	Ordinary Differential Equations and Trigonometry	5	-	100	100	100	4
Credits in Semester – II									8
UMA/CO/20M	III	MAT	Partial Differential Equations and Analytical Geometry (3D)	4	-	100	100	100	4
UMA/CO/53M	III	MAT	Algebraic Structures I	4	-	100	100	100	4
Credits in Semester – III									8
UMA/CO/22M	IV	MAT	Vector Calculus and Fourier Series	4	-	100	100	100	4
UMA/CO/54M	IV	MAT	Algebraic Structures II	4	-	100	100	100	4
Credits in Semester – IV									8
UMA/CO/41M	V	MAT	Real Analysis I	4	-	100	100	100	4
UMA/CO/43	V	MAT	Mechanics	5	-	100	100	100	4
UMA/CO/55M	V	MAT	Elements of Operations Research	5	-	100	100	100	4
UMA/CO/56	V	MAT	Number Theory and Cryptography	4	-	100	100	100	4
UMA/CO/58	V	MAT	Internship*	-	-	-	50	50	1
Credits in Semester –V									17
UMA/CO/46M	VI	MAT	Real Analysis II	5	-	100	100	100	4
UMA/CO/48M	VI	MAT	Complex Analysis	6	-	100	100	100	4
UMA/CO/59	VI	MAT	Mathematical Statistics	5	-	100	100	100	4
Credits in Semester –VI									12
Total Core Credits									60

*Duration 2 – 4 weeks

DEPARTMENT OF PHYSICS
Student Course Profile (2023-2026 Batch)

Part III Core

Code	Sem	Offered By	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UPH/CO/41M	I	PHY	Properties of Matter and Sound	4	-	100	100	100	4
UPH/CO/50	I	PHY	Instrumentation and Practical Physics – I	2	2	^	^	^	^
Credits in Semester I									4
UPH/CO/42M	II	PHY	Mechanics and Fundamentals of Classical Physics	4	-	100	100	100	4
UPH/CO/50	II	PHY	Instrumentation and Practical Physics – I	2	3	100	100	100	6
Credits in Semester II									10
UPH/CO/34M	III	PHY	Atomic Physics and Lasers	4	-	100	100	100	4
UPH/CO/47	III	PHY	Theory of Errors and Practical Physics – II	1	3	^	^	^	^
Credits in Semester III									4
UPH/CO/43M	IV	PHY	Optics and Spectroscopy	5	-	100	100	100	4
UPH/CO/47	IV	PHY	Theory of Errors and Practical Physics – II	-	3	100	100	100	4
Credits in Semester IV									8
UPH/CO/44	V	PHY	Electricity and Magnetism	4	-	100	100	100	4
UPH/CO/19M	V	PHY	General Electronics	4	-	100	100	100	4
UPH/CO/20M	V	PHY	Digital Electronics	4	-	100	100	100	4
UPH/CO/29	V	PHY	Thermodynamics and Statistical Physics	4	-	100	100	100	4
UPH/CO/48	V	PHY	Practical Physics - III	-	4	100	100	100	2
UPH/CO/51	V	PHY	Internship*	-	-	-	50	50	1
Credits in Semester V									19
UPH/CO/21	VI	PHY	Quantum Mechanics	4	-	100	100	100	4
UPH/CO/45M	VI	PHY	Nuclear and Particle Physics	4	-	100	100	100	4
UPH/CO/14M	VI	PHY	Relativity and Mathematical Physics	4	-	100	100	100	4
UPH/CO/49	VI	PHY	Practical Physics - IV	-	6	100	100	100	3
Credits in Semester VI									15
Total Core Credits									60

^ continued in the following semester

*Duration 2 – 4 weeks

DEPARTMENT OF CHEMISTRY
Student Course Profile (2023-2026)

Part III Core

Code	Sem	Offered By	Title of the course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UCH/CO/53M	I		Chemistry Paper – I	5	-	100	100	100	4
UCH/CO/54	I		Organic Chemistry Practical- I		3	25	25	50	2
Credits in semester I									6
UCH/CO/55M	II		Chemistry Paper – II	5	-	100	100	100	4
UCH/CO/56	II		Volumetric Analysis & Preparation of Inorganic compounds	1	3	50	50	100	3
Credits in semester II									7
UCH/CO/57M	III		Chemistry Paper – III	5	-	100	100	100	4
UCH/CO/40	III		Semi micro Inorganic Qualitative Analysis	1	2	50	50	100	2
Credits in semester III									6
UCH/CO/58M	IV		Chemistry Paper – IV	5	-	100	100	100	4
UCH/CO/46	IV		Organic Chemistry Practical-II		3	25	25	50	2
Credits in semester IV									6
UCH/CO/59M	V		Organic Chemistry-I	4	-	100	100	100	4
UCH/CO/60M	V		Inorganic Chemistry-I	4	-	100	100	100	4
UCH/CO/61M	V		Physical Chemistry- I	4	-	100	100	100	4
UCH/CO/45M	V		Spectroscopy	5	-	100	100	100	4
UCH/CO/66	V		Physical Chemistry Practical	-	3	25	25	50	2
UCH/CO/65	V		Internship*	-	-		50	50	1
Credits in semester V									19
UCH/CO/62M	VI		Organic Chemistry-II	4	-	100	100	100	4
UCH/CO/68M	VI		Inorganic Chemistry-II	5	-	100	100	100	5
UCH/CO/69M	VI		Physical Chemistry-II	5	-	100	100	100	4
UCH/CO/67	VI		Physical Chemistry Practical and Gravimetric Analysis	1	3	50	50	100	3
Credits in semester VI									16
Total Core credits									60

*Duration 15 days

DEPARTMENT OF PLANT BIOLOGY AND PLANT BIOTECHNOLOGY
Student Course Profile (2023 - 2026)

Part III - Core

Code	Sem	Offered By	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UPB/CO/69	I	PBB	Algae, Fungi & Plant Pathology	5	-	100	100	100	4
UPB/CO/52	I	PBB	Algae, Fungi & Plant Pathology - Practical	-	3	50	50	50	2
Credits in Semester - I									6
UPB/CO/53M	II	PBB	Cytology, Anatomy & Embryology	6	-	100	100	100	5
UPB/CO/54	II	PBB	Cytology, Anatomy & Embryology - Practical	-	3	50	50	50	2
Credits in Semester - II									7
UPB/CO/55M	III	PBB	Bryophytes, Pteridophytes & Gymnosperms	5	-	100	100	100	5
UPB/CO/56	III	PBB	Bryophytes, Pteridophytes & Gymnosperms - Practical	-	3	50	50	50	2
Credits in Semester - III									7
UPB/CO/57	IV	PBB	Taxonomy of Angiosperms & Plant Breeding	5	-	100	100	100	5
UPB/CO/58	IV	PBB	Taxonomy of Angiosperms & Plant Breeding - Practical	-	3	50	50	50	2
Credits in Semester - IV									7
UPB/CO/59M	V	PBB	Physiology & Biochemistry of Plants	5	-	100	100	100	5
UPB/CO/67	V	PBB	Physiology & Biochemistry of Plants - Practical	-	3	50	50	50	2
UPB/CO/70	V	PBB	Ecology, Phytogeography & Remote Sensing	4	-	100	100	100	4
UPB/CO/62	V	PBB	Ecology, Phytogeography & Remote Sensing - Practical	-	2	50	50	50	1
UPB/VT/20M	V	PBB	Genetics & Molecular Biology	6	-	100	100	100	5
UPB/CO/68	V	PBB	Internship*	1	-	-	50	50	1
Credits in Semester - V									18
UPB/CO/63M	VI	PBB	Plant Biotechnology	5	-	100	100	100	5
UPB/CO/64	VI	PBB	Plant Biotechnology - Practical	-	3	50	50	50	2
UPB/CO/65	VI	PBB	Fundamentals of Gardening	4	-	100	100	100	4
UPB/CO/66	VI	PBB	Fundamentals of Gardening - Practical	-	2	50	50	50	1
UPB/VT/21M	VI	PBB	Bioprocess Technology	4	-	100	100	100	3
Credits in Semester - VI									15
Total Core Credits									60

*Duration 2 - 4 weeks

DEPARTMENT OF ADVANCED ZOOLOGY & BIOTECHNOLOGY

Student Course Profile (2023-2026)

Part III – Core

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UZB/CO/57M	I	ZBT	Biology of Animals I	4	-	100	100	100	4
UZB/CO/54	I	ZBT	Biology of Animals Practical	-	4	50	50	50	1
Credits in Semester – I									5
UZB/CO/18	II	ZBT	Biology of Animals II	4	-	100	100	100	4
UZB/CO/52M	II	ZBT	Biology of Animals III	5	-	100	100	100	4
Credits in Semester – II									8
UZB/CO/59M	III	ZBT	Cell Biology	4	-	100	100	100	4
UZB/CO/22M	III	ZBT	Biochemistry	4	-	100	100	100	4
Credits in Semester – III									8
UZB/CO/50M	IV	ZBT	Classical & Molecular Genetics	4	-	100	100	100	4
UZB/CO/60	IV	ZBT	Cytogenetics & Biochemistry Practical	-	4	50	50	50	2
Credits in Semester – IV									6
UZB/CO/51M	V	ZBT	Animal Physiology	4	-	100	100	100	4
UZB/CO/44	V	ZBT	Animal Physiology Practical	-	3	50	50	50	2
UZB/CO/61	V	ZBT	Developmental Biology & Evolution	4	-	100	100	100	4
UZB/CO/46	V	ZBT	Developmental Biology & Evolution Practical	-	2	50	50	50	1
UZB/CO/56	V	ZBT	Internship*	-	-	-	50	50	1
UZB/VT/21M	V	ZBT	Plant & Animal Cell Biotechnology	4	-	100	100	100	4
UZB/VT/22	V	ZBT	Culture Techniques	-	3	50	50	50	1
Credits in Semester – V									17
UZB/CO/58	VI	ZBT	Environmental Biology	4	-	100	100	100	4
UZB/CO/48	VI	ZBT	Environmental Biology Practical	-	3	50	50	50	2
UZB/VT/27M	VI	ZBT	Environmental Biotechnology	4	-	100	100	100	4
UZB/VT/23M	VI	ZBT	Immunology	4	-	100	100	100	4
UZB/VT/26	VI	ZBT	Immunological Techniques	-	3	50	50	50	2
Credits in Semester – VI									16
Total Core Credits									60

*Duration 2 - 4 weeks

DEPARTMENT OF HOME SCIENCE
B.Sc. Nutrition, FSM & Dietetics- Vocational Stream
Student Course Profile (2023-2026)

Part III – Core

Code	Sem	Offered By	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UVD/CO/12M	I	HSC	Food Science	4	-	100	100	100	4
UVD/CO/13	I	HSC	Basic Cookery	-	4	50	-	50	2
Credits in Semester - I									6
UVD/CO/17M	II	HSC	Physiology	4	-	100	100	100	4
UVD/CO/15	II	HSC	Physiology Practical	-	4	50	-	50	2
Credits in Semester – II									6
UNV/CO/42M	III	HSC	Principles of Nutrition	4	-	100	100	100	4
UNV/CO/43M	III	HSC	Life Span Development	4	-	100	100	100	4
Credits in Semester – III									8
UNV/CO/44M	IV	HSC	Fundamentals of Biochemistry	4	-	100	100	100	4
UVD/CO/16M	IV	HSC	Sports Nutrition	4	-	100	100	100	4
Credits in Semester – IV									8
UNV/CO/45	V	HSC	Nutrition Across Life Stages	4	-	100	100	100	4
UNV/CO/46M	V	HSC	Clinical Nutrition	4	2	100	100	100	5
UNV/CO/47M	V	HSC	Community Nutrition	4	-	100	100	100	4
UNV/CO/51	V	HSC	Food Service Management	4	2	100	100	100	5
UVD/CO/18	V	HSC	Internship*	-	-	-	50	50	1
Credits in Semester –V									19
UNV/CO/49M	VI	HSC	Therapeutic Dietetics	4	2	100	100	100	5
UNV/CO/50M	VI	HSC	Personnel Management	4	-	100	100	100	4
UNV/CO/52	VI	HSC	Quantity Food Production and Service	4	2	100	100	100	4
Credits in Semester -VI									13
Total Core Credits									60

***Duration- 2-4 Weeks**

DEPARTMENT OF HOME SCIENCE
B.Sc. Nutrition, FSM & Dietetics- General Stream
Student Course Profile (2023-2026)

Part III – Core

Code	Sem	Offered By	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UVD/CO/17M	I	HSC	Physiology	4	-	100	100	100	4
UVD/CO/15	I	HSC	Physiology Practical	-	4	50	-	50	2
Credits in Semester - I									6
UVD/CO/12M	II	HSC	Food Science	4	-	100	100	100	4
UVD/CO/13	II	HSC	Basic Cookery	-	4	50	-	50	2
Credits in Semester - II									6
UND/CO/43M	III	HSC	Principles and Techniques of Food Preservation	4	-	100	100	100	4
UND/CO/33M	III	HSC	Human Nutrition I	4	-	100	100	100	4
Credits in Semester – III									8
UND/CO/34M	IV	HSC	Human Nutrition II	4	-	100	100	100	4
UND/CO/35M	IV	HSC	Life Cycle Nutrition	4	-	100	100	100	4
Credits in Semester – IV									8
UND/CO/36	V	HSC	Nutritional Biochemistry	3	4	100	100	100	5
UND/CO/37	V	HSC	Advanced Cookery	3	2	100	100	100	4
UND/CO/38M	V	HSC	Public Health Nutrition	4	-	100	100	100	4
UVD/CO/16M	V	HSC	Sports Nutrition	4	-	100	100	100	4
UVD/CO/18	V	HSC	Internship*		-	-	50	50	1
Credits in Semester –V									18
UND/CO/39M	VI	HSC	Dietetics	4	2	100	100	100	5
UND/CO/42M	VI	HSC	Human Growth and Development	4	2	100	100	100	4
UND/CO/41	VI	HSC	Management of Food Services	4	2	100	100	100	5
Credits in Semester –VI									14
Total Core Credits									60

***Duration- 2-4 Weeks**

DEPARTMENT OF COMPUTER SCIENCE

Student Course Profile (2023-2026)

Part III – Core

Code	Sem	Offered By	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UCS/CO/81M	I	CSC	Programming Techniques using Python	4	-	100	100	100	4
UCS/CO/82	I	CSC	Programming in Python	-	4	50	50	50	2
Credits in Semester – I									6
UCS/CO/83M	II	CSC	Data Structures	4	-	100	100	100	4
UCS/CO/84	II	CSC	Data Structures Lab	-	3	50	50	50	2
UCS/CO/64	II	CSC	Basics of Information Technology	1	1	50	-	50	1
Credits in Semester – II									7
UCS/CO/85M	III	CSC	Database Management Systems	5	-	100	100	100	4
UCS/CO/86	III	CSC	DBMS Lab	-	3	50	50	50	2
Credits in Semester – III									6
UCS/CO/87M	IV	CSC	Operating Systems	4	-	100	100	100	3
UCS/CO/88	IV	CSC	Web Technologies	2	3	50	50	100	3
Credits in Semester – IV									6
UCS/CO/89M	V	CSC	Digital Systems and Microcontrollers	4	-	100	100	100	4
UCS/CO/90	V	CSC	Digital Systems Lab	-	3	50	50	50	2
UCS/CO/91	V	CSC	Multimedia Applications	2	3	50	50	100	4
UCS/CO/92M	V	CSC	Software Engineering	4	-	100	100	100	4
UCS/CO/93	V	CSC	Computer Networks	4	-	100	100	100	4
UCS/CO/98	V	CSC	Internship *	-	-	-	50	50	1
Credits in Semester – V									19
UCS/CO/94	VI	CSC	Data Science using Python	4	-	100	100	100	4
UCS/CO/95	VI	CSC	Data Science Lab	-	3	50	50	50	2
UCS/CO/96M	VI	CSC	Computer Algorithms	4	-	100	100	100	4
UCS/CO/97M	VI	CSC	Cloud Computing	3	-	100	100	100	3
UCS/CO/80	VI	CSC	IT Product Development Lab	1	3	50	50	100	3
Credits in Semester –VI									16
Total Core Credits									60

* Duration 2-4 weeks

DEPARTMENT OF PSYCHOLOGY
Student Course Profile (2023 – 2026)

Part III - Core

Code	Sem	Part	Title of Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UPS/CO/45M	I	III	Basic Psychology I	4	-	100	100	100	4
UPS/CO/35M	I	III	Developmental Psychology I	4	-	100	100	100	4
Credits in Semester – I									8
UPS/CO/46M	II	III	Basic Psychology II	4	-	100	100	100	4
UPS/CO/36M	II	III	Developmental Psychology II	4	-	100	100	100	4
Credits in Semester – II									8
UPS/CO/44 SL	III	III	Service-Learning in Psychology	1	3	100	-	100	4
UPS/CO/37M	III	III	Developmental Psychology III	4	-	100	100	100	4
Credits in Semester – III									8
UPS/CO/38M	IV	III	Social Psychology I	4	-	100	100	100	4
UPS/CO/32M	IV	III	Abnormal Psychology I	4	-	100	100	100	4
Credits in Semester – IV									8
UPS/CO/39M	V	III	Social Psychology II	4	-	100	100	100	4
UPS/CO/33M	V	III	Abnormal Psychology II	4	-	100	100	100	4
UPS/CO/42M	V	III	Counselling Psychology	4	-	100	100	100	3
UPS/CO/30	V	III	Practical I – Experimental Psychology	2	6	100	100	100	4
UPS/CO/43	V	III	Internship*	-	-	-	50	50	1
Credits in Semester – V									16
UPS/CO/40M	VI	III	Social Psychology III	4	-	100	100	100	4
UPS/CO/34M	VI	III	Abnormal Psychology III	4	-	100	100	100	4
UPS/CO/41M	VI	III	Practical II – Psychological Testing	2	6	100	100	100	4
Credits in Semester – VI									12
Total Core Credits									60

*Duration 2-4 weeks

DEPARTMENT OF HOME SCIENCE
M.Sc. Food Service Management and Dietetics
Student Course Profile (2023 – 2026)

Code	Sem	Offered By	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
PMN/CO/23	I	HSC	Applied Physiology	4	2	100	100	100	5
PFM/CO/19M	I	HSC	Financial and Marketing Management in Food Services	4	2	100	100	100	5
PMN/CO/24	I	HSC	Food Theory and Applications	4	-	100	100	100	4
PFM/CO/24M	I	HSC	Selected Topics in Food Service Management	4	-	100	100	100	4
Credits in Semester - I									18
PMN/CO/25	II	HSC	Advanced Food Science	4	-	100	100	100	4
PFM/CO/23	II	HSC	Culinary Art Management	4	2	100	100	100	5
PFM/CO/25	II	HSC	Physical Facilities for Food Services	4	-	100	100	100	4
Credits in Semester –II									13
PMN/CO/26M	III	HSC	Community Nutrition	4	-	100	100	100	4
PMN/CO/29 SL	III	HSC	Community Nutrition Project- Service Learning	-	4	100	-	100	2
PMN/CO/27M	III	HSC	Applied Statistics and Research Methodology	4	3	100	100	100	5
PMN/CO/28M	III	HSC	Advanced Paper in Dietetics	5	-	100	100	100	5
PMN/CO/21	III	HSC	Internship	-	-	-	-	100	2
Credits in Semester-III									18
PFM/CO/26M	IV	HSC	Human Resource Management	4	2	100	100	100	5
PFM/CO/22	IV	HSC	Thesis	-	16	200	200	200	8
Credits in Semester-IV									13
Total Credits									62

DEPARTMENT OF HOME SCIENCE

M.Sc. Foods and Nutrition

Student Course Profile (2023 – 2026)

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
PMN/CO/23	I	HSC	Applied Physiology	4	2	100	100	100	5
PFN/CO/24	I	HSC	Advanced Paper in Carbohydrates and Lipids	5	-	100	100	100	5
PMN/CO/24	I	HSC	Food Theory and Applications	4	-	100	100	100	4
PFN/CO/23M	I	HSC	Biochemistry Paper I	4	-	100	100	100	4
Credits in Semester -1									18
PMN/CO/25	II	HSC	Advanced Food Science	4	-	100	100	100	4
PFN/CO/25M	II	HSC	Biochemistry Paper II	4	-	100	100	100	4
PFN/CO/26	II	HSC	Advanced Paper in Energy and Proteins	5	-	100	100	100	5
Credits in Semester -II									13
PMN/CO/26M	III	HSC	Community Nutrition	4	-	100	100	100	4
PMN/CO/29 SL	III	HSC	Community Nutrition Project- Service Learning	-	4	100	-	100	2
PMN/CO/27M	III	HSC	Applied Statistics and Research Methodology	4	3	100	100	100	5
PMN/CO/28M	III	HSC	Advanced paper in Dietetics	5	-	100	100	100	5
PMN/CO/21	III	HSC	Internship	-	-	-	-	100	2
Credits in Semester-III									18
PFN/CO/27M	IV	HSC	Advanced Paper in Minerals and Vitamins	5	-	100	100	100	5
PFN/CO/22	IV	HSC	Thesis	-	16	200	200	200	8
Credits in Semester - IV									13
Total Credits									62

M.Sc. Applied Psychology
Student Course Profile - (2023 – 2025)

Code	Sem	Title of Course	Hours		Marks			Credits
			T	P	CIA	ESE	FIN	
PPS/CO/50M	I	Counselling	4	-	100	100	100	4
PPS/CO/46M	I	Behaviour Modification	4	-	100	100	100	4
PPS/CO/52M	I	Research Methodology	4	-	100	100	100	4
PPS/CO/49M	I	Personal Effectiveness	3	2	100	100	100	4
Credits in Semester I								16
PPS/CO/48	II	Test Construction and Standardization	4	-	100	100	100	4
PPS/CO/51M PPS/CO/37M	II	Psychological Therapies / Organizational Behaviour	4	-	100	100	100	4
PPS/CO/45M PPS/CO/53M	II	Health Psychology / Human Resource Management-I	4	-	100	100	100	4
PPS/CO/44	II	Psychological Testing-I	1	6	100	-	100	4
PPS/CO/39	II	Summer Placement	-	-	-	100	100	2
Credits in Semester II								18
PPS/CO/41M PPS/CO/47M	III	Psychological Intervention in Educational Settings / Marketing Psychology	5	-	100	100	100	4
PPS/CO/35 PPS/CO/54M	III	Selected Readings / Human Resource Management-II	5	-	100	100	100	4
PPS/CO/42 PPS/CO/16	III	Psychological Testing- II (CPT) / Psychological Testing- II (OB)	2	6	100	-	100	4
Credits in Semester III								12
PPS/CO/55	IV	Internship	-	10	100	-	100	4
PPS/CO/18 PPS/CO/19	IV	Case Studies in Health and School settings / Project in Organization	-	10	100	-	100	4
Credits in Semester IV								8
Total Core Credits								54

DEPARTMENT OF B.Com (GENERAL - A)**Student Course Profile - (2023 - 2025)****Part III - Core**

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UGC/CO/01M	I	COM-G	Banking and Insurance	4	-	100	100	100	4
UGC/CO/02M	I	COM-G	Business Policy and Strategic Management with Resonance in Thirukkural	4	-	100	100	100	4
Credits in Semester - I									8
UGC/CO/03	II	COM-G	Financial Accounting with Tally	5	1	100	100	100	4
UGC/CO/04M	II	COM-G	Professional Communication	3	1	100	100	100	4
Credits in Semester - II									8
UGC/CO/05	III	COM-G	Corporate Accounting I	5	-	100	100	100	4
UGC/CO/06M	III	COM-G	Business Regulations	5	-	100	100	100	4
UGC/CO/07M	III	COM-G	Logistics and Supply Chain Management with Block Chain Technology	4	-	100	100	100	4
UGC/CO/08	III	COM-G	Internship	-	-	-	100	100	1
Credits in Semester - III									13
UGC/CO/09	IV	COM-G	Elements of Cost	6	-	100	100	100	4
UGC/CO/10	IV	COM-G	Corporate Accounting II	6	-	100	100	100	4
UGC/CO/11	IV	COM-G	GST Law and Practice	4	-	100	100	100	4
Credits in Semester - IV									12
UGC/CO/12	V	COM-G	Costing Methods	6	-	100	100	100	4
UGC/CO/13M	V	COM-G	Corporate Finance	6	-	100	100	100	4
UGC/CO/14M	V	COM-G	Financial Markets and Services	5	-	100	100	100	4
UGC/CO/15	V	COM-G	Income Tax I	6	-	100	100	100	5
Credits in Semester - V									17
UGC/CO/16M	VI	COM-G	Marketing and Research	6	-	100	100	100	4
UGC/CO/17M	VI	COM-G	Management Accounting with Tally	4	2	100	100	100	5
UGC/CO/18	VI	COM-G	Income Tax II	6	-	100	100	100	5
Credits in Semester - VI									14
Total Core Credits									72

DEPARTMENT OF B.Com (GENERAL - B)

Student Course Profile - (2023 - 2025)

Part III - Core

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UGC/CO/01M	I	COM-G	Banking and Insurance	4	-	100	100	100	4
UGC/CO/02M	I	COM-G	Business Policy and Strategic Management with Resonance in Thirukkural	4	-	100	100	100	4
Credits in Semester - I									8
UGC/CO/03	II	COM-G	Financial Accounting with Tally	5	1	100	100	100	4
UGC/CO/04M	II	COM-G	Professional Communication	3	1	100	100	100	4
Credits in Semester - II									8
UGC/CO/05	III	COM-G	Corporate Accounting I	5	-	100	100	100	4
UGC/CO/06M	III	COM-G	Business Regulations	5	-	100	100	100	4
UGC/CO/07M	III	COM-G	Logistics and Supply Chain Management with Block Chain Technology	4	-	100	100	100	4
UGC/CO/08	III	COM-G	Internship	-	-	-	100	100	1
Credits in Semester - III									13
UGC/CO/09	IV	COM-G	Elements of Cost	6	-	100	100	100	4
UGC/CO/10	IV	COM-G	Corporate Accounting II	6	-	100	100	100	4
UGC/CO/11	IV	COM-G	GST Law and Practice	4	-	100	100	100	4
Credits in Semester - IV									12
UGC/CO/12	V	COM-G	Costing Methods	6	-	100	100	100	4
UGC/CO/13M	V	COM-G	Corporate Finance	6	-	100	100	100	4
UGC/CO/14M	V	COM-G	Financial Markets and Services	5	-	100	100	100	4
UGC/CO/15	V	COM-G	Income Tax I	6	-	100	100	100	5
Credits in Semester - V									17
UGC/CO/16M	VI	COM-G	Marketing and Research	6	-	100	100	100	4
UGC/CO/17M	VI	COM-G	Management Accounting with Tally	4	2	100	100	100	5
UGC/CO/18	VI	COM-G	Income Tax II	6	-	100	100	100	5
Credits in Semester - VI									14
Total Core Credits									72

DEPARTMENT OF B.COM (ACCOUNTING & FINANCE)
Student Course Profile - (2023 - 2025)

Part III - Core

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UAF/CO/01	I	CMF	Banking Theory	4	-	100	100	100	4
UAF/CO/03M	I	CMF	Principles of Management	4	-	100	100	100	4
Credits in Semester I									8
UAF/CO/38M	II	CMF	Corporate and Business Law	5	-	100	100	100	5
UAF/CO/28	II	CMF	Marketing	5	-	100	100	100	4
Credits in Semester II									9
UAF/CO/33M	III	CMF	International Trade	4	-	100	100	100	4
UAF/CO/29M	III	CMF	Company Accounts	5	-	100	100	100	5
UAF/CO/42M	III	CMF	Business Mathematics & Quantitative Skills	5	-	100	100	100	4
UAF/CO/31	III	CMF	Internship	-	-	-	100	100	1
Credits in Semester III									14
UAF/CO/43M	IV	CMF	Specialised Company Accounts	6	-	100	100	100	5
UAF/CO/44	IV	CMF	Introduction to Strategic Management	5	-	100	100	100	5
UAF/CO/45	IV	CMF	Data Analytical Tools for Business	1	4	100	100	100	3
Credits in Semester IV									13
UAF/CO/11	V	CMF	Income Tax - I	6	-	100	100	100	4
UAF/CO/15M	V	CMF	Accounting for Managers	6	-	100	100	100	4
UAF/CO/36	V	CMF	Cost Accounts - I	6	-	100	100	100	4
UAF/CO/37M	V	CMF	Capital Market & Financial Services	5	-	100	100	100	4
Credits in Semester V									16
UAF/CO/46M	VI	CMF	Portfolio Management	6	-	100	100	100	4
UAF/CO/16	VI	CMF	Income Tax - II	6	-	100	100	100	4
UAF/CO/47M	VI	CMF	Cost Accounts - II	6	-	100	100	100	4
Credits in Semester VI									12
Total Core Credits									72

DEPARTMENT OF B.COM (COMPUTER APPLICATIONS)

Student Course Profile - (2023 - 2025)

Part III - Core

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CI A	ESE	FIN	
UCC/CO/33M	I	CMC	Banking Regulation & Financial Services	4	-	100	100	100	4
UCC/CO/02	I	CMC	Business Management	4	-	100	100	100	4
Credits in Semester - I									8
UCC/CO/34M	II	CMC	Fundamentals of Computers and Information Technology	5	-	100	100	100	4
UCC/CO/04M	II	CMC	Business Statistics	5	-	100	100	100	4
Credits in Semester - II									8
UCC/CO/32	III	CMC	Internship	-	-	-	100	100	1
UCC/CO/05M	III	CMC	Company Accounts	5	-	100	100	100	4
UCC/CO/06	III	CMC	Business Law	4	-	100	100	100	4
UCC/CO/19	III	CMC	Computational Techniques for Business	1	4	100	100	100	3
Credits in Semester - III									12
UCC/CO/09M	IV	CMC	Business Economics	4	-	100	100	100	4
UCC/CO/35	IV	CMC	Indirect Tax	4	-	100	100	100	4
UCC/CO/30	IV	CMC	Company Law	4	-	100	100	100	4
UCC/CO/36M	IV	CMC	Marketing Management	4	-	100	100	100	4
Credits in Semester - IV									16
UCC/CO/20M	V	CMC	Elements of Cost Accounting I	6	-	100	100	100	4
UCC/CO/27	V	CMC	Visual Basic & .Net Technology	3	3	100	100	100	4
UCC/CO/31	V	CMC	Fundamentals of Income Tax	6	-	100	100	100	4
UCC/CO/23	V	CMC	Web Technology	3	2	100	100	100	4
Credits in Semester - V									16
UCC/CO/24M	VI	CMC	Elements of Cost Accounting II	5	-	100	100	100	4
UCC/CO/25M	VI	CMC	Management Accounting	6	-	100	100	100	4
UCC/CO/28	VI	CMC	Java Basics	2	4	100	100	100	4
Credits in Semester - VI									12
Total Core Credits									72

*Students undergo institutional training after Semester II for a period of 2 to 4 weeks and submit a report for compulsory credit

B.Com (Honours)
Student Course Profile - (2023 - 2025)

Part III - Core

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UHO/CO/45	I	CMH	Financial Accounting	4	1	100	100	100	4
UHO/CO/02M	I	CMH	Principles & Practice of Management	4	-	100	100	100	4
UHO/CO/03M	I	CMH	Managerial Economics	4	-	100	100	100	4
UHO/CO/34M	I	CMH	Statistics for Business	5	-	100	100	100	4
UHO/CO/44	I	CMH	Internship – I *						*
Credits in Semester - I									16
UHO/CO/46	II	CMH	Advanced Accounting	5	-	100	100	100	4
UHO/CO/06M	II	CMH	Financial Markets & Services	4	-	100	100	100	4
UHO/CO/13	II	CMH	Business Mathematics & Operations Research	5	-	100	100	100	4
UHO/CO/43	II	CMH	Banking & Insurance	4	-	100	100	100	4
UHO/CO/44	II	CMH	Internship – II *						*
Credits in Semester - II									16
UHO/CO/57	III	CMH	Corporate Accounting	6	-	100	100	100	4
UHO/CO/10M	III	CMH	Marketing Management	4	-	100	100	100	4
UHO/CO/47	III	CMH	Business Regulatory Framework	4	-	100	100	100	4
UHO/CO/12M	III	CMH	International Business	4	-	100	100	100	4
UHO/CO/48	III	CMH	Forensic Accounting & Fraud Examination	4	-	100	100	100	4
UHO/CO/56	III	CMH	Business Analytics for Management Decision Making	1	3	100	100	100	3
UHO/CO/44	III	CMH	Internship – III *						*
Credits in Semester - III									23
UHO/CO/37	IV	CMH	Special Accounts	6	-	100	100	100	4
UHO/CO/49	IV	CMH	Digital Marketing	2	2	100	100	100	3
UHO/CO/17M	IV	CMH	Accounting for Decision Making	6	-	100	100	100	4
UHO/CO/38	IV	CMH	Corporate Communication & ERP	4	-	100	100	100	4

UHO/CO/19	IV	CMH	Fundamentals of Auditing	4	-	100	100	100	4
UHO/CO/50	IV	CMH	Entrepreneurial Development	4	-	100	100	100	4
UHO/CO/44	IV	CMH	Internship – IV & V**					100	14
Credits in Semester - IV									37
UHO/CO/51	V	CMH	Cost Accounting	5	-	100	100	100	4
UHO/CO/52	V	CMH	Human Resource Management	4	-	100	100	100	4
UHO/CO/23	V	CMH	Direct Tax Planning & Management - I	6	-	100	100	100	4
UHO/CO/24	V	CMH	Research Methodology & Techniques	5	-	100	100	100	5
UHO/CO/53	V	CMH	Corporate Governance, Ethics & Social Responsibility	4	-	100	100	100	4
UHO/CO/54	V	CMH	Business Taxation	4	-	100	100	100	4
Credits in Semester - V									25
UHO/CO/40	VI	CMH	Company & Labour Law	5	-	100	100	100	4
UHO/CO/28M	VI	CMH	Logistics & Supply Chain Management	4	-	100	100	100	4
UHO/CO/41	VI	CMH	Direct Tax Planning & Management –II	6	-	100	100	100	5
UHO/CO/55	VI	CMH	Investment Management	5	-	100	100	100	4
UHO/CO/31	VI	CMH	Financial Management	4	-	100	100	100	4
UHO/CO/32	VI	CMH	* Project & Viva Voce			100	100	100	8
Credits in Semester - VI									29
Total Core Credits									146

***Students should undergo Institutional Training for a period of 2 weeks after semesters I & III, 4 weeks after semesters II and 4 + 2** weeks after semester IV and submit a report. The 14 weeks of Internship (I - V) shall carry 100 marks, to be awarded at the end of V semester.**

DEPARTMENT OF B.B.A

Student Course Profile - (2023 - 2025)

Part III - Core

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UBB/CO/48M	I	BBA	Management – Theory and Practice	4	-	100	100	100	4
UBB/CO/49M	I	BBA	Business Communication	4	-	100	100	100	4
Credits in Semester - I									8
UBB/CO/18M	II	BBA	Managerial Economics	5	-	100	100	100	4
UBB/CO/45M	II	BBA	Management Information System	5	-	100	100	100	4
Credits in Semester - II									8
UBB/CO/55M	III	BBA	Marketing Management	6	-	100	100	100	4
UBB/CO/56M	III	BBA	Human Resource Management	5	-	100	100	100	4
UBB/CO/43	III	BBA	Business and Functional Mathematics	6	-	100	100	100	5
UBB/CO/52	III	BBA	Internship - I*	-	-	-	100	100	1
Credits in Semester - III									14
UBB/CO/53M	IV	BBA	Production and Material Management	5	-	100	100	100	4
UBB/CO/44	IV	BBA	Business Statistics	5	-	100	100	100	4
UBB/CO/46M	IV	BBA	Legal Aspects of Business	5	-	100	100	100	4
UBB/CO/58	IV	BBA	Organisational Behaviour	4	-	100	100	100	4
Credits in Semester - IV									16
UBB/CO/59M	V	BBA	Financial Management	5	-	100	100	100	4
UBB/CO/39	V	BBA	Research Methodology	6	-	100	100	100	4
UBB/CO/40M	V	BBA	Operations Research	6	-	100	100	100	4
UBB/CO/54	V	BBA	Internship - II**	-	-	-	100	100	2
Credits in Semester - V									14
UBB/CO/32M	VI	BBA	International Trade	6	-	100	100	100	4
UBB/CO/33	VI	BBA	Business Environment and Development	6	-	100	100	100	4
UBB/CO/41M	VI	BBA	Entrepreneurial Development	6	-	100	100	100	4
Credits in Semester - VI									12
Total Core Credits									72

*Internship I -The duration of internship training is minimum of 2 Weeks

**Internship II-The duration of internship training is Minimum of 3 to 4 Weeks

DEPARTMENT OF COMPUTER APPLICATIONS

Student Course Profile - (2023 - 2026)

Part III - Core

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UCA/CO/101M	I	BCA	Web Technologies	4	-	100	100	100	4
UCA/CO/98	I	BCA	Web Design Lab	-	4	100	100	100	2
Credits in Semester - I									6
UCA/CO/99M	II	BCA	Python Programming	5	-	100	100	100	5
UCA/CO/100	II	BCA	Python Lab	-	5	100	100	100	3
Credits in Semester - II									8
UCA/CO/80M	III	BCA	Data Structures	5	-	100	100	100	4
UCA/CO/81M	III	BCA	Java Programming	4	-	100	100	100	4
UCA/CO/82	III	BCA	Java Practical	-	4	100	100	100	2
UCA/CO/102	III	BCA	Software Engineering	4	-	100	100	100	4
UCA/CO/103	III	BCA	Internship	-	-	-	100	100	1
Credits in Semester - III									15
UCA/CO/106	IV	BCA	Advanced Java Programming	4	-	100	100	100	4
UCA/CO/85M	IV	BCA	Operating System	4	-	100	100	100	4
UCA/CO/86M	IV	BCA	Computer Networks	4	-	100	100	100	4
UCA/CO/87	IV	BCA	Advanced Java Practical	-	4	100	100	100	2
Credits in Semester - IV									14
UCA/CO/88M	V	BCA	Database Concepts	5	-	100	100	100	5
UCA/CO/104	V	BCA	C# and PHP Programming	5	-	100	100	100	4
UCA/CO/90	V	BCA	Database Lab	-	5	100	100	100	3
UCA/CO/105	V	BCA	C# and PHP Practical	-	5	100	100	100	3
Credits in Semester - V									15
UCA/CO/92	VI	BCA	Android Programming	4	-	100	100	100	4
UCA/CO/93M	VI	BCA	Software Testing	5	-	100	100	100	5
UCA/CO/94	VI	BCA	Android –Practical	-	4	100	100	100	2
UCA/CO/79	VI	BCA	Software Development Lab	-	5	100	100	100	3
Credits in Semester - VI									14
Total Core Credits									72

DEPARTMENT OF B.A CORPORATE ECONOMICS
Student Course Profile - (2023 - 2026)

Part III - Core

Code	Sem	Offered by	Title Of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UCE/CO/20M	I	CORP ECO	Micro Economics - I	4	-	100	100	100	4
UCE/CO/04	I	CORP ECO	Business Management	4	-	100	100	100	4
Credits in									8
Semester - I									
UCE/CO/18M	II	CORP ECO	Mathematical methods	5	-	100	100	100	4
UCE/CO/19	II	CORP ECO	Micro Economics - II	5	-	100	100	100	4
Credits in									8
Semester - II									
UCE/CO/32M	III	CORP ECO	Operations Research	4	-	100	100	100	4
UCE/CO/33M	III	CORP ECO	Macro Economics I	4	-	100	100	100	4
Credits in									8
Semester - III									
UCE/CO/34M	IV	CORP ECO	Macro Economics II	5	-	100	100	100	4
UCE/CO/31	IV	CORP ECO	Indian Economy	5	-	100	100	100	4
Credits in									8
Semester - IV									
UCE/CO/35M	V	CORP ECO	Fiscal Economics	5	-	100	100	100	4
UCE/CO/28	V	CORP ECO	Corporate Finance	5	-	100	100	100	4
UAF/CO/17	V	CMF	Fundamentals of Corporate Accounting	6	-	100	100	100	5
UCE/CO/38	V	CORP ECO	Internship	-	-	-	100	100	1
Credits in									14
Semester - V									
UCE/CO/15	VI	CORP ECO	Monetary Economics	6	-	100	100	100	5
UCE/CO/36M	VI	CORP ECO	International Economics	5	-	100	100	100	4
UCO/CO/18	VI	COM	Cost and Management Accounting	6	-	100	100	100	5
Credits in									14
Semester - VI									
Total Core									60
Credits									

DEPARTMENT OF VISUAL COMMUNICATION
Student Course Profile - (2023 - 2026)

Part III - Core

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UVC/CO/29M	I	VIS.COM	Introduction to Visual Communication	4	-	100	100	100	4
UVC/CO/40	I	VIS.COM	Principles and Practices of Photography	1	3	100	100	100	4
Credits in Semester- I									8
UVC/CO/31M	II	VIS.COM	Communication Skills	5	-	100	100	100	4
UVC/CO/32	II	VIS.COM	Media, Culture and Society	5	-	100	100	100	4
Credits in Semester - II									8
UVC/CO/51M	III	VIS.COM	Film Studies	3	1	100	100	100	4
UVC/CO/49M	III	VIS.COM	2D Visual Graphics and Animation	1	3	100	100	100	3
Credits in Semester- III									7
UVC/CO/34M	IV	VIS.COM	Television Production	4	2	100	100	100	5
UVC/CO/35	IV	VIS.COM	Postproduction Techniques	-	4	100	100	100	2
Credits in Semester- IV									7
UVC/CO/52	V	VIS.COM	Internship - I*	-	-	-	100	100	2
UVC/CO/37M	V	VIS.COM	Media Research Methods	4	2	100	100	100	5
UVC/CO/46M	V	VIS.COM	Introduction to 3D Animation	2	4	100	100	100	4
UVC/CO/47	V	VIS.COM	Radio and Podcast Production	3	2	100	100	100	4
Credits in Semester-V									15
UVC/CO/53	VI	VIS.COM	Internship - II §	-	-	-	100	100	2
UVC/CO/48M/SL	VI	VIS.COM	Development Communication	6	-	100	100	100	5
UVC/CO/36M	VI	VIS.COM	Visual Analysis Techniques	6	-	100	100	100	4
UVC/CO/45	VI	VIS.COM	Media Management	6	-	100	100	100	4
Credits in Semester- VI									15
Total Core Credits									60

*- Students should complete One month (200Hours) internship in a media organization.

§ - Students should complete One month (200Hours) internship in a media organization.

DEPARTMENT OF INFORMATION TECHNOLOGY
Student Course Profile - (2023 - 2026)

Part III - Core

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UIT/CO/01M	I	IT	Fundamentals of Computers and Programming Techniques	4	-	100	100	100	4
UIT/CO/24	I	IT	Desktop Publishing - Practical	-	4	100	100	100	2
Credits in Semester - I									6
UIT/CO/03M	II	IT	Programming in C	4	-	100	100	100	4
UIT/CO/25M	II	IT	Web Design using Joomla	-	3	100	100	100	2
UIT/CO/26	II	IT	C Programming - Practical	-	4	100	100	100	2
Credits in Semester - II									8
UIT/CO/06	III	IT	Object Oriented Programming using C++	4	-	100	100	100	4
UIT/CO/27M	III	IT	Operating Systems	4	-	100	100	100	4
UIT/CO/04M	III	IT	Data Structures	4	-	100	100	100	4
UIT/CO/38	III	IT	C++ Programming & Data Structure- Practical	-	5	100	100	100	3
Credits in Semester - III									15
UIT/CO/16M	IV	IT	Java Programming	4	-	100	100	100	4
UIT/CO/12M	IV	IT	RDBMS	4	-	100	100	100	4
UIT/CO/17	IV	IT	Java Programming – Practical	-	4	100	100	100	2
UIT/CO/14	IV	IT	RDBMS – Practical	-	4	100	100	100	2
Credits in Semester - IV									12
UIT/CO/32M	V	IT	Software Engineering	4	-	100	100	100	4
UIT/CO/30	V	IT	Web Programming using C#	4	-	100	100	100	4
UIT/CO/33M	V	IT	Data Communication and Networking	4	-	100	100	100	4
UIT/CO/31	V	IT	Web Programming using C# – Practical	-	4	100	100	100	2
UIT/CO/41	V	IT	Android Applications – Practical	-	4	100	100	100	2
UIT/CO/42	V	IT	Internship	-	-	-	100	100	1

Credits in Semester - V									17
UIT/CO/34M	VI	IT	Python Programming	4	-	100	100	100	4
UIT/CO/40	VI	IT	Python Programming – Practical	-	5	100	100	100	3
UIT/CO/43M	VI	IT	Data Mining and Warehousing	3	1	100	100	100	4
UIT/CO/44	VI	IT	Software Development Lab	-	5	100	100	100	3
Credits in Semester - VI									14
Total Core Credits									72

DEPARTMENT OF PSYCHOLOGY
Student Course Profile - (2023 - 2025)

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ES E	FI N	
UPY/CO/19M	I	PYY	Basic Psychology I	4	-	100	100	100	4
UPY/CO/02M	I	PYY	Developmental Psychology I	4	-	100	100	100	4
Credits in Semester - I									8
UPY/CO/20M	II	PYY	Basic Psychology II	4	-	100	100	100	4
UPY/CO/04M	II	PYY	Developmental Psychology II	4	-	100	100	100	4
Credits in Semester - II									8
UPY/CO/21SL	III	PYY	Service-Learning in Psychology	4	-	100	100	100	4
UPY/CO/06M	III	PYY	Developmental Psychology III	4	-	100	100	100	4
Credits in Semester - III									8
UPY/CO/07M	IV	PYY	Social Psychology I	4	-	100	100	100	4
UPY/CO/08M	IV	PYY	Abnormal Psychology I	4	-	100	100	100	4
Credits in Semester - IV									8
UPY/CO/09M	V	PYY	Abnormal Psychology II	4	-	100	100	100	4
UPY/CO/10M	V	PYY	Social Psychology II	4	-	100	100	100	4
UPY/CO/17	V	PYY	Counselling Psychology	4	-	100	100	100	3
UPY/CO/12	V	PYY	Practical I - Experimental Psychology	2	6	100	100	100	4
UPY/CO/18	V	PYY	Internship	-	-	-	50	50	1
Credits in Semester - V									16
UPY/CO/13M	VI	PYY	Social Psychology III	4	-	100	100	100	4
UPY/CO/14M	VI	PYY	Abnormal Psychology III	4	-	100	100	100	4
UPY/CO/16M	VI	PYY	Practical II – Psychological Testing	2	6	100	100	100	4
Credits in Semester - VI									12
Total Core Credits									60

*- 40 hours stretched within a duration of 2 to 4 weeks

DEPARTMENT OF M.A. COMMUNICATION
Student Course Profile - (2023 - 2025)

Code	Se m	Offered by	Title of the course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
PMC/CO/44	I	COMM	Principles of Communication	4	-	100	100	100	4
PMC/CO/45	I	COMM	Reporting and Editing	5	-	100	100	100	4
PMC/CO/46M	I	COMM	Communication Revolution	4	-	100	100	100	4
PMC/CO/60M	I	COMM	Advertising	5	-	100	100	100	4
Credits in Semester - I									16
PMC/CO/48M	II	COMM	Theories of Communication	4	-	100	100	100	4
PMC/CO/49	II	COMM	Television and Radio Production	5	-	100	100	100	4
PMC/CO/50M	II	COMM	Public Relations and Corporate Communication	4	-	100	100	100	4
PMC/CO/51	II	COMM	Television Production [Practical]	-	4	100	100	100	4
Credits in Semester - II									16
PMC/CO/52	III	COMM	Summer Internship	-	160	-	100	100	2
PMC/CO/53M	III	COMM	Media and Communication Research Methods	5	-	100	100	100	4
PMC/CO/54M	III	COMM	Film Studies	5	-	100	100	100	4
PMC/CO/55	III	COMM	Media Economics	5	-	100	100	100	4
Credits in Semester - III									14
PMC/CO/56	IV	COMM	Internship - II	-	200	-	100	100	4
PMC/CO/57M	IV	COMM	Media Laws and Ethics	5	-	100	100	100	4
PMC/CO/58	IV	COMM	Dissertation	-	6	100	100	100	4
PMC/CO/59	IV	COMM	Project	-	10	100	100	100	4
Credits in Semester - IV									16
Total Core Credits									62

DEPARTMENT OF M.A. ENGLISH
Student Course Profile - (2023 - 2025)

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FI N	
PEG/CO/48	I	ENG	British Literature: Medieval to Restoration	6	-	100	100	100	4
PEG/CO/49M	I	ENG	American Literature	6	-	100	100	100	4
PEG/CO/50	I	ENG	Shakespeare	6	-	100	100	100	4
PEG/CO/64	I	ENG	English Language Teaching	5	-	100	100	100	3
Credits in Semester - I									15
PEG/CO/51	II	ENG	British Literature: Romantic to Victorian Period	6	-	100	100	100	4
PEG/CO/52	II	ENG	Indian Literature: From Classical to Early Modern Era	5	-	100	100	100	3
PEG/CO/53	II	ENG	Language and Linguistics	5	-	100	100	100	3
PEG/CO/65	II	ENG	An Overview of Western Literary Criticism	5	-	100	100	100	4
Credits in Semester - II									14
PEG/CO/55M	III	ENG	British Literature: Twentieth Century and After	6	-	100	100	100	4
PEG/CO/56	III	ENG	Modern Indian Writing	6	-	100	100	100	4
PEG/CO/66	III	ENG	Twentieth Century Literary Theory	5	-	100	100	100	4
PEG/CO/63	III	ENG	Research Methodology	5	-	100	100	100	3
PEG/CO/58	III	ENG	Internship*	-	160	-	100	100	2
Credits in Semester - III									17
PEG/CO/59	IV	ENG	Subalternity in India	6	-	100	100	100	4
PEG/CO/60	IV	ENG	Gender Studies	6	-	100	100	100	4
PEG/CO/61M	IV	ENG	World Literatures	6	-	100	100	100	4
PEG/CO/62	IV	ENG	Dissertation	-	8	100	100	100	4
Credits in Semester - IV									16
Total Core Credits									62

*Students will do Internship during summer vacation after 2nd semester.

DEPARTMENT OF M.A. Human Resource Management
Student Course Profile - (2023 - 2025)

Code	Sem	ffered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
PHR/CO/61M	I	HRM	Human Resource Management	6	-	100	100	100	4
PHR/CO/62M	I	HRM	Organizational Behaviour	5	-	100	100	100	4
PHR/CO/52	I	HRM	Management Concepts & Business Ethics	5	-	100	100	100	4
PHR/CO/53	I	HRM	Industrial Relations	6	-	100	100	100	4
Credits in									16
Semester - I									
PHR/CO/63	II	HRM	Business Policy and Strategic Management	5	-	100	100	100	4
PHR/CO/55	II	HRM	Labour Legislation	6	-	100	100	100	4
PHR/CO/66M	II	HRM	Accounting for Managers	5	-	100	100	100	4
PHR/CO/67	II	HRM	Learning and Development	5	-	100	100	100	4
Credits in									16
Semester - II									
PHR/CO/18	III	HRM	Summer Internship	-	160	-	100	100	2
PHR/CO/64	III	HRM	Strategic Human Resource Management	6	-	100	100	100	4
PHR/CO/35M	III	HRM	Fundamentals of Research Methodology	6	-	100	100	100	4
PHR/CO/37	III	HRM	Organizational Development	6	-	100	100	100	4
Credits in									14
Semester - III									
PHR/CO/68M	IV	HRM	Innovative Approaches to Human Resource Development	6	-	100	100	100	4
PHR/CO/59	IV	HRM	Compensation & Benefits Management	6	-	100	100	100	4
PHR/CO/40	IV	HRM	Project	-	10	50	150	200	4
PHR/CO/48	IV	HRM	Performance Management	5	-	100	100	100	4
Credits in									16
Semester - IV									
Total									62
Core Credits									

DEPARTMENT OF M.A. INTERNATIONAL STUDIES
Student Course Profile - (2023 - 2025)

Code	Sem	Offered by	Title of the course	Hours		Marks			Credits
				T	P	CIA	ESE	FI N	
PIS/CO/30M	I	IS	History of International Relations	6	-	100	100	100	4
PIS/CO/31M	I	IS	Theories and Issues in International Relations	6	-	100	100	100	4
PIS/CO/32M	I	IS	International Organisations	6	-	100	100	100	4
Credits in Semester - I									12
PIS/CO/33	II	IS	Foreign Policy of Major Powers	5	-	100	100	100	4
PIS/CO/20M	II	IS	India's Foreign Policy	5	-	100	100	100	4
PIS/CO/34M	II	IS	International Political Economy	4	-	100	100	100	4
PIS/CO/35M	II	IS	Introduction to Diplomacy	4	-	100	100	100	4
Credits in Semester - II									16
PIS/CO/22	III	IS	Contemporary China since 1949	5	-	100	100	100	4
PIS/CO/37	III	IS	Research Methodology	6	-	100	100	100	4
PIS/CO/24M	III	IS	Contemporary Issues in World Affairs	6	-	100	100	100	4
PIS/CO/25	III	IS	Internship	-	160	-	100	100	4
Credits in Semester - III									16
PIS/CO/26	IV	IS	International Law	6	-	100	100	100	4
PIS/CO/27M	IV	IS	Introduction to Conflict, Peace and Security Studies	6	-	100	100	100	4
PIS/CO/36	IV	IS	European Studies	6	-	100	100	100	4
PIS/CO/29	IV	IS	Dissertation Plus Viva- Voce	-	12	50	150	200	6
Credits in Semester - IV									18
Total Core Credits									62

DEPARTMENT OF M.COM [GENERAL]

Student Course Profile - (2023 - 2025)

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ES E	FIN	
PCM/CO/19	I	COM	Managerial Economics	6	-	100	100	100	4
PCM/CO/38M	I	COM	Strategic Human Resource Management	6	-	100	100	100	4
PCM/CO/39	I	COM	Financial Management	6	-	100	100	100	4
PCM/CO/41M	I	COM	International Finance	6	-	100	100	100	4
Credits in Semester - I									16
PCM/CO/21M	II	COM	Quantitative Techniques	6	-	100	100	100	4
PCM/CO/35	II	COM	Advanced Corporate Accounting	6	-	100	100	100	4
PCM/CO/42	II	COM	Computer Applications in Business	-	6	100	100	100	4
Credits in Semester - II									12
PCM/CO/25	III	COM	Cost and Management Accounting	6	-	100	100	100	4
PCM/CO/43	III	COM	Direct Tax Planning	6	-	100	100	100	4
PCM/CO/44M	III	COM	Rural Marketing	6	-	100	100	100	4
PCM/CO/27	III	COM	Internship	-	160	-	100	100	2
Credits in Semester - III									14
PCM/CO/28	IV	COM	Industrial Relations and Labour Law	5	-	100	100	100	4
PCM/CO/30	IV	COM	Merchant Banking and Investment Management	6	-	100	100	100	4
PCM/CO/37M	IV	COM	Organisational Behaviour	5	-	100	100	100	4
PCM/CO/40M	IV	COM	Logistics and Supply Chain Management	5	-	100	100	100	4
PCM/CO/32	IV	COM	Project Plus Viva-Voce	6	-	100	100	200	4
Credits in Semester - IV									20
Total Credits in Core Papers									62

DEPARTMENT OF M.Sc. BIOTECHNOLOGY
Student Course Profile - (2023 - 2025)

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ES E	FIN	
PBT/CO/92M	I	PBT	Biochemistry & Biomolecules	5	-	100	100	100	4
PBT/CO/70M	I	PBT	Microbiology	5	-	100	100	100	4
PBT/CO/93M	I	PBT	Immunology & Immunotechnology	5	-	100	100	100	4
PBT/CO/46M	I	PBT	Molecular Cell Biology	5	-	100	100	100	4
PBT/CO/94	I	PBT	Biochemistry & Molecular Cell Biology Practical	-	3	100	100	100	2
PBT/CO/95	I	PBT	Microbiology, Immunology & Immunotechnology Practical	-	3	100	100	100	2
Credits in Semester - I									20
PBT/CO/96M	II	PBT	Enzymology & Enzyme Technology	5	-	100	100	100	4
PBT/CO/90M	II	PBT	Bioinformatics	5	-	100	100	100	4
PBT/CO/97M	II	PBT	Molecular Genetics & Genetic Engineering	6	-	100	100	100	4
PBT/CO/91	II	PBT	Bioinformatics & Enzymology Practical	-	4	100	100	100	2
PBT/CO/87	II	PBT	Molecular Genetics & Genetic Engineering Practical	-	4	100	100	100	2
PBT/CO/98SL	II	PBT	Biotechnology in Community Development	-	2	100	-	100	2
Credits in Semester - II									18
PBT/CO/14	III	PBT	Internship	-	160	-	100	100	2
PBT/CO/77M	III	PBT	Fermentation and Bioprocess Technology	5	-	100	100	100	4
PBT/CO/84M	III	PBT	Plant Biotechnology & Animal Biotechnology	6	-	100	100	100	4
PBT/CO/67M	III	PBT	Environmental Biotechnology	5	-	100	100	100	4
PBT/CO/88	III	PBT	Environmental Biotechnology & Fermentation Technology Practical	-	4	100	100	100	2
PBT/CO/86	III	PBT	Plant & Animal Biotechnology Practical	-	4	100	100	100	2
Credits in Semester - III									18
PBT/CO/20	IV	PBT	Project Dissertation & Viva - Voce	-	8	50	150	200	4
PBT/CO/68M	IV	PBT	Eco-Biotechnology	6	-	100	100	100	4
Credits in Semester - IV									8
Total Core Credits									64

DEPARTMENT OF M.Sc. INFORMATION TECHNOLOGY
Student Course Profile - (2023 - 2025)

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
PIT/CO/79M	I	IT	Python Programming	4	-	100	100	100	4
PIT/CO/63	I	IT	Operating Systems	4	-	100	100	100	4
PIT/CO/64M	I	IT	Data Structures	4	-	100	100	100	4
PIT/CO/80	I	IT	Python Programming - Practical	-	4	100	100	100	2
PIT/CO/81	I	IT	Web Development using Word Press – Practical	-	4	100	100	100	2
Credits in Semester - I									16
PIT/CO/72M	II	IT	Database Systems	4	-	100	100	100	4
PIT/CO/67	II	IT	.NET with C# Programming	4	-	100	100	100	4
PIT/CO/69M	II	IT	Software Engineering	4	-	100	100	100	4
PIT/CO/46	II	IT	RDBMS Lab	-	5	100	100	100	2
PIT/CO/68	II	IT	.NET with C# Programming – Practical	-	5	100	100	100	2
Credits in Semester - II									16
PIT/CO/56M	III	IT	Advanced Java	4	-	100	100	100	4
PIT/CO/73	III	IT	Networks and Security	5	-	100	100	100	4
PIT/CO/57	III	IT	Advanced Java – Practical	-	5	100	100	100	2
PIT/CO/78M	III	IT	Open Source Technologies - Practical	-	5	100	100	100	2
PIT/CO/10	III	IT	Internship	-	160	-	100	100	2
Credits in Semester - III									14
PIT/CO/75M	IV	IT	Data Science	5	1	100	100	100	4
PIT/CO/76M	IV	IT	Intelligent Systems	5	-	100	100	100	4
PIT/CO/50	IV	IT	Android Applications Lab	-	5	100	100	100	2
PIT/CO/83	IV	IT	Project Work	-	13	100	100	200	6
Credits in Semester - IV									16
Total Core Credits									62

DEPARTMENT OF M.Sc. CHEMISTRY
Student Course Profile - (2023 - 2025)

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
PCH/CO/59M	I	CHE	Solid State Chemistry & Nuclear Chemistry	4	-	100	100	100	4
PCH/CO/43M	I	CHE	Stereochemistry & Organic Rearrangements	4	-	100	100	100	4
PCH/CO/52	I	CHE	Thermodynamics and Chemical Kinetics	5	-	100	100	100	4
PCH/CO/36	I	CHE	Organic Chemistry Practical - I	-	5	100	100	100	2
PCH/CO/35	I	CHE	Inorganic Chemistry Practical - I	-	5	100	100	100	2
Credits in Semester - I									16
PCH/CO/60M	II	CHE	Organometallic and Bioinorganic Chemistry	4	-	100	100	100	4
PCH/CO/45M	II	CHE	Organic Reaction Mechanisms	4	-	100	100	100	4
PCH/CO/53	II	CHE	Quantum Chemistry and Group Theory	4	-	100	100	100	4
PCH/CO/40	II	CHE	Physical Chemistry Practical - I	-	5	100	100	100	2
PCH/CO/37	II	CHE	Inorganic Chemistry Practical - II	-	5	100	100	100	2
Credits in Semester - II									16
PCH/CO/09	III	CHE	*Internship	-	160	-	100	100	2
PCH/CO/62M	III	CHE	Coordination Chemistry & Reaction Mechanism	5	-	100	100	100	4
PCH/CO/55M	III	CHE	Spectroscopy and its Applications	5	-	100	100	100	4
PCH/CO/38	III	CHE	Organic Chemistry Practical - II	-	5	100	100	100	2
PCH/CO/41	III	CHE	Physical Chemistry Practical - II	-	5	100	100	100	2
Credits in Semester - III									14
PCH/CO/56M	IV	CHE	Organic Natural Products	4	-	100	100	100	4
PCH/CO/57M	IV	CHE	Electrochemistry & Chemical Equilibrium	5	-	100	100	100	4
PCH/CO/58	IV	CHE	Chemistry of Materials & its Applications	5	-	100	100	100	4
PCH/CO/51	IV	CHE	Dissertation	-	10	100	100	100	4
Credits in Semester - IV									16
Total Core Credits									62

DEPARTMENT OF M.Sc. DATA SCIENCE

Student Course Profile - (2023 - 2025)

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
PDS/CO/01M	I	PDS	Python Programming	4	-	100	100	100	4
PDS/CO/02M	I	PDS	Data Mining	4	-	100	100	100	4
PDS/CO/03	I	PDS	Mathematics for Data Science	4	-	100	100	100	4
PDS/CO/04	I	PDS	SQL and NOSQL Databases	-	4	100	100	100	2
PDS/CO/05	I	PDS	Python Lab	-	4	100	100	100	2
Credits in									16
Semester - I									
PDS/CO/06M	II	PDS	R Programming	5	-	100	100	100	4
PDS/CO/07M	II	PDS	Machine Learning	5	-	100	100	100	4
PDS/CO/08	II	PDS	Practical Statistics	4	-	100	100	100	4
PDS/CO/09	II	PDS	Machine Learning Lab	-	4	100	100	100	2
PDS/CO/10	II	PDS	R programming Lab	-	4	100	100	100	2
Credits in									16
Semester - II									
PDS/CO/11	III	PDS	Internship	-	160	-	100	100	2
PDS/CO/12M	III	PDS	Deep Learning	5	-	100	100	100	4
PDS/CO/13	III	PDS	Big Data with Hadoop	5	-	100	100	100	4
PDS/CO/14	III	PDS	Hadoop Lab	-	4	100	100	100	2
PDS/CO/15	III	PDS	Deep Learning Lab	-	4	100	100	100	2
Credits in									14
Semester - III									
PDS/CO/16M	IV	PDS	Data Security	4	2	100	100	100	4
PDS/CO/17	IV	PDS	Data Visualization Tools	-	5	100	100	100	2
PDS/CO/18M	IV	PDS	Multivariate Data Analysis	5	-	100	100	100	4
PDS/CO/19	IV	PDS	Industry Project	-	14	100	100	100	6
Credits in									16
Semester - IV									
Total Core Credits									62

DEPARTMENT OF M.Sc. MATHEMATICS
Student Course Profile - (2023 - 2025)

Code	Sem	Offered by	Title Of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
PMA/CO/16	I	MAT	Algebra I	5	-	100	100	100	4
PMA/CO/17	I	MAT	Real Analysis	6	-	100	100	100	4
PMA/CO/18M	I	MAT	Ordinary Differential Equations	5	-	100	100	100	4
PMA/CO/19M	I	MAT	Numerical Methods	6	-	100	100	100	4
Credits in Semester - I									16
PMA/CO/20M	II	MAT	Algebra II	4	-	100	100	100	4
PMA/CO/21	II	MAT	Measure Theory and Integration	5	-	100	100	100	4
PMA/CO/22	II	MAT	Partial Differential Equations	4	-	100	100	100	4
PMA/CO/27	II	MAT	Mathematical Statistics	5	-	100	100	100	4
Credits in Semester - II									16
PMA/CO/09	III	MAT	Internship	-	160	-	100	100	2
PMA/CO/24	III	MAT	Topology	6	-	100	100	100	4
PMA/CO/11M	III	MAT	Differential Geometry	5	-	100	100	100	4
PMA/CO/12	III	MAT	Complex Analysis	5	-	100	100	100	4
PMA/CO/13M	III	MAT	Mechanics	5	-	100	100	100	4
Credits in Semester - III									18
PMA/CO/14M	IV	MAT	Functional Analysis	6	-	100	100	100	4
PMA/CO/15	IV	MAT	Project Dissertation and Viva – Voce	-	13	100	100	100	4
PMA/CO/26	IV	MAT	Research Methodology and Soft Tools	4	2	100	100	100	4
Credits in Semester - IV									12
Total Core Credits									62

DEPARTMENT OF M.Sc. Physics
Student Course Profile - (2023 - 2025)

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
PPH/CO/34M	I	PHY	Mathematical Physics – I	5	-	100	100	100	4
PPH/CO/45	I	PHY	Linear and Nonlinear Integrated Circuits	5	-	100	100	100	4
PPH/CO/31	I	PHY	Classical Mechanics and Relativity	5	-	100	100	100	4
PPH/CO/46	I	PHY	Practical 1 – General Physics	-	4	50	√	√	√
PPH/CO/47	I	PHY	Practical 2 – Electronics	-	4	50	√	√	√
Credits in Semester - I									12
PPH/CO/35	II	PHY	Mathematical Physics – II	5	-	100	100	100	4
PPH/CO/26	II	PHY	Electromagnetic Theory	4	-	100	100	100	4
PPH/CO/48M	II	PHY	Quantum Mechanics – I	5	-	100	100	100	4
PPH/CO/46	II	PHY	Practical 1 – General Physics	-	4	50	100	100	2
PPH/CO/47	II	PHY	Practical 2 – Electronics	-	4	50	100	100	2
Credits in Semester - II									16
PPH/CO/49	III	PHY	Condensed Matter Physics	5	-	100	100	100	4
PPH/CO/50	III	PHY	Quantum Mechanics – II	5	-	100	100	100	4
PPH/CO/51	III	PHY	Statistical Mechanics	5	-	100	100	100	4
PPH/CO/52	III	PHY	Microprocessor and Microcontroller	4	-	100	100	100	4
PPH/CO/53	III	PHY	Practical 3 - Microprocessor and Microcontroller	-	3	100	100	100	2
PPH/CO/09	III	PHY	Internship	-	160	-	100	100	2
Credits in Semester - III									20
PPH/CO/33	IV	PHY	Nuclear and Particle Physics	5	-	100	100	100	4
PPH/CO/54M	IV	PHY	Materials Science	5	-	100	100	100	4
PPH/CO/55	IV	PHY	Practical 4 – C Programming	-	4	100	100	100	2
PPH/CO/38	IV	PHY	Dissertation and Viva – Voce	-	10	100	100	100	4
Credits in Semester - IV									14
Total Core Credits									62

√ - Credits and marks awarded at the end of the year

DEPARTMENT OF M.Sc. COMPUTER SCIENCE AND TECHNOLOGY
Student Course Profile - (2023 - 2025)

Code	Sem	Offered by	Title of the Course	Hours		Marks			Credits
				T	P	CIA	ESE	FIN	
UCT/CO/57M	I	CST	Problem Solving Techniques using C	4	-	100	100	100	4
UCT/CO/58	I	CST	C Programming Lab	-	4	100	100	100	2
Credits in Semester - I									6
UCT/CO/65M	II	CST	Object Oriented Programming using Java	4	-	100	100	100	4
UCT/CO/66	II	CST	JAVA Programming Lab	-	3	100	100	100	2
UCT/CO/69M	II	CST	Web Design Lab	-	3	100	100	100	2
Credits in Semester - II									8
UCT/CO/45M	III	CST	Data Structures	5	-	100	100	100	5
UCT/CO/67M	III	CST	Python Programming Lab	1	3	100	100	100	3
UCT/CO/64	III	CST	Computer Organization and Assembly Language Programming	5	-	100	100	100	5
UCT/CO/09	III	CST	Assembly Language Programming Lab	-	3	100	100	100	2
Credits in Semester - III									15
UCT/CO/50M	IV	CST	Principles of Operating Systems	4	-	100	100	100	4
UCT/CO/51	IV	CST	Linux Programming Lab	-	4	100	100	100	2
UCT/CO/54M	IV	CST	Relational Database Management Systems	4	-	100	100	100	4
UCT/CO/18	IV	CST	RDBMS Lab	-	3	100	100	100	2
Credits in Semester - IV									12
UCT/CO/68	V	CST	On the Job Training	-	120	-	100	100	1
UCT/CO/38	V	CST	Web Technology	4	-	100	100	100	4
UCT/CO/39	V	CST	Web Applications Lab	-	4	100	100	100	2
UCT/CO/20M	V	CST	Computer Networks	4	-	100	100	100	4
UCT/CO/48M	V	CST	Design and Analysis of Algorithms	4	-	100	100	100	4
UCT/CO/42	V	CST	Android Application Development Lab	1	3	100	100	100	2
Credits in Semester - V									17
UCT/CO/60M	VI	CST	Computer Graphics and Multimedia	4	2	100	100	100	5
UCT/CO/70M	VI	CST	Web Scripting	4	-	100	100	100	4

UCT/CO/71	VI	CST	Web Scripting Lab	-	4	100	100	100	2
UCT/CO/72	VI	CST	Software Development Lab	1	3	100	100	100	3
Credits in Semester - VI									14
PCT/CO/01M	VII	CST	Object Oriented Analysis and Design	4	-	100	100	100	4
PCT/CO/23	VII	CST	Network Programming	4	-	100	100	100	4
PCT/CO/24	VII	CST	Network Programming Lab	-	4	100	100	100	2
PCT/CO/56M	VII	CST	Cloud Computing and Web services	4	-	100	100	100	4
PCT/CO/27	VII	CST	XML and Web Services Lab	-	4	100	100	100	2
Credits in Semester - VII									16
PCT/CO/57M	VIII	CST	Theory of Computation and Compiler Design	5	-	100	100	100	4
PCT/CO/54M	VIII	CST	Data Mining Concepts	5	-	100	100	100	4
PCT/CO/38	VIII	CST	Data Mining Lab	-	3	100	100	100	2
PCT/CO/39	VIII	CST	Advanced Java	4	-	100	100	100	4
PCT/CO/31	VIII	CST	Advanced Java Lab	-	5	100	100	100	2
Credits in Semester - VIII									16
PCT/CO/11	IX	CST	Internship	-	160	-	100	100	2
PCT/CO/50M	IX	CST	Digital Image Processing	5	-	100	100	100	4
PCT/CO/55M	IX	CST	Research Tools Lab	-	5	100	100	100	2
PCT/CO/42M	IX	CST	Research Methodology	5	-	100	100	100	4
PCT/CO/43	IX	CST	Research Methodology Lab	-	3	100	100	100	2
Credits in Semester - IX									14
PCT/CO/53M	X	CST	Security in Computing	5	-	100	100	100	4
PCT/CO/58M	X	CST	Deep Learning with Python	5	-	100	100	100	4
PCT/CO/59	X	CST	Deep Learning Lab	1	4	100	100	100	2
PCT/CO/45	X	CST	Project Work	-	13	100	100	200	6
Credits in Semester - X									16
Total Core Credits									134