

1.1.3 Details of courses offered by the institution that focus on employability/ entrepreneurship/ skill development during the year.

2023-24

S.No	NAME OF THE COURSE	COURSE CODE	YEAR/SEMESTER	PROGRAMME NAME
1	ARABIC - I	SL0103	I YEAR/I SEM	BA, B.COM, B.SC BBA, BBM
2	ARABIC - II	SL0203	I YEAR/II SEM	BA, B.COM, B.SC BBA, BBM
3	ARABIC - III	SL0303	II YEAR/III SEM	BA, B.COM, B.SC BBA, BBM
4	ARABIC - IV	SL0403	II YEAR/IV SEM	BA, B.COM, B.SC BBA, BBM
5	ARABIC - V	SL0503	III YEAR/ V SEM	BA, B.COM, B.SC BBA, BBM
6	ARABIC - VI	SL0603	III YEAR/ VI SEM	BA, B.COM, B.SC BBA, BBM
7	CELL BIOLOGY & GENETIC - I	6108	I YEAR/I SEM	B.Sc. (BTMBC, BTBC)
8	CELL BIOLOGY & GENETIC PR	6108-P	I YEAR/I SEM	B.Sc. (BTMBC, BTBC)
9	ENVIRONMENTAL SCIENCE	AECC-1	I YEAR/I SEM	B.Sc. (BTMBC, BTBC)
10	NUCLEIC, ACID & BIOCHEMISTRY	6208	I YEAR/I SEM	B.Sc. (BTMBC, BTBC)
11	NUCLEIC ACIDS & BIOCHEMISTRY PR	6208-P	I YEAR/I SEM	B.Sc. (BTMBC, BTBC)
12	BASIC COMPUTER SKILLS	AECC-II	I YEAR/II SEM	B.Sc. (BTMBC, BTBC)
13	MOLECULAR BIOLOGY & DNA TECHNOLOGY	6308	I YEAR/II SEM	B.Sc. (BTMBC, BTBC)
14	MOLECULAR BIOLOGY & DNA TECHNOLOGY- PR	6308-P	I YEAR/II SEM	B.Sc. (BTMBC, BTBC)
15	COMMUNICATION SKILLS OR PROFESSIONAL SKILLS	SEC-I	II YEAR/III SEM	B.Sc. (BTMBC, BTBC)
16	INDUTRIAL FERMENTATION OR IMMUNOLOGICAL TECHNIQUES	SEC-II	II YEAR/III SEM	B.Sc. (BTMBC, BTBC)
17	BIostatISTICS & AND BIOINFORMATICS	6408	II YEAR/III SEM	B.Sc. (BTMBC, BTBC)
18	BIostatISTICS & AND BIOINFORMATICS- PR	6408-P	II YEAR/III SEM	B.Sc. (BTMBC, BTBC)
19	LEADESHIP AND MANAGEMENT SKILLS OR UNIVERSAL HUMAN VALUES	SEC-III	II YEAR/IV SEM	B.Sc. (BTMBC, BTBC)
20	MOLECULAR MARKERS IN PLANT BREEDING OR DRUG DESIGNING	SECIV	II YEAR/IV SEM	B.Sc. (BTMBC, BTBC)

21	PLANT BIOTECHNOLOGY	6508	III YEAR/V SEM	B.Sc. (BTMBC, BTBC)
22	MEDICAL BIOTECHNOLOGY			B.Sc. (BTMBC, BTBC)
23	PLANT BIOTECHNOLOGY-PR	6508-P	III YEAR/V SEM	B.Sc. (BTMBC, BTBC)
24	MEDICAL BIOTECHNOLOGY-PR			B.Sc. (BTMBC, BTBC)
25	ANIMAL BIOTECHNOLOGY	6608	III YEAR/VI SEM	B.Sc. (BTMBC, BTBC)
26	ENVIRONMENTAL BIOTECHNOLOGY			B.Sc. (BTMBC, BTBC)
27	ANIMAL BIOTECHNOLOGY-PR	6608-P	III YEAR/VI SEM	B.Sc. (BTMBC, BTBC)
28	ENVIRONMENTAL BIOTECHNOLOGY-PR			B.Sc. (BTMBC, BTBC)
29	RESEARCH METHODOLOGY PROJECT		III YEAR/VI SEM	B.Sc. (BTMBC, BTBC)
30	CELL BIOLOGY AND GENETIC	BT101T	I YEAR/ I SEM	M.Sc.
31	BIOLOGICAL CHEMISTRY	BT102T	I YEAR/ I SEM	M.Sc.
32	MICROBIOLOGY	BT103T	I YEAR/ I SEM	M.Sc.
33	STATISTICS, LABORATORY MANAGEMENT & SAFETY, ENTREPRENEURSHIP	BT104T	I YEAR/ I SEM	M.Sc.
34	CELL BIOLOGY AND GENETIC PR	BT151P	I YEAR/ I SEM	M.Sc.
35	BIOLOGICAL CHEMISTRY PR	BT152P	I YEAR/ I SEM	M.Sc.
36	MICROBIOLOGY PR	BT153P	I YEAR/ I SEM	M.Sc.
37	STATISTICS, LABORATORY MANAGEMENT & SAFETY, ENTREPRENEURSHIP PR	BT154P	I YEAR/ I SEM	M.Sc.
38	MOLECULAR BIOLOGY - THE GENOME	BT201T	I YEAR/ II SEM	M.Sc.
39	MOLECULAR BIOLOGY - GENES TO PROTEIN	BT202T	I YEAR/ II SEM	M.Sc.
40	IMMUNOLOGY	BT203T	I YEAR/ II SEM	M.Sc.
41	MICROBIAL TECHNOLOGY PR	BT204T	I YEAR/ II SEM	M.Sc.
42	MOLECULAR BIOLOGY - THE GENOME - PR	BT251P	I YEAR/ II SEM	M.Sc.
43	MOLECULAR BIOLOGY - GENES TO PROTEIN- PR	BT252P	I YEAR/ II SEM	M.Sc.
44	IMMUNOLOGY - PR	BT253P	I YEAR/ II SEM	M.Sc.
45	MICROBIAL TECHNOLOGY - PR	BT254P	I YEAR/II SEM	M.Sc.
46	RECOMBINANT DNA TECHNOLOGY	BT301T	II YEAR/ III SEM	M.Sc.
47	BIOINFORMATICS & ITS APPLICATION	BT302T	II YEAR/ III SEM	M.Sc.

	ELECTIVE:			
48	A. ADVANCE IN PLANT BIOTECHNOLOGY	BT303T	II YEAR/ III SEM	M.Sc.
49	B. FOOD BIOTECHNOLOGY		II YEAR/ III SEM	M.Sc.
	ELECTIVE:			
50	A. ANIMAL BIOTECHNOLOGY	BT304T	II YEAR/ III SEM	M.Sc.
51	B. PROTEIN ENGINEERING		II YEAR/ III SEM	M.Sc.
52	RECOMBINANT DNA TECHNOLOGY - PR	BT351P	II YEAR/ III SEM	M.Sc.
53	BIOINFORMATICS & ITS APPLICATION – PR	BT352P	II YEAR/ III SEM	M.Sc.
	ELECTIVE:			
54	A. ADVANCE IN PLANT BIOTECHNOLOGY	BT353P	II YEAR/ III SEM	M.Sc.
55	B. FOOD BIOTECHNOLOGY – PR		II YEAR/ III SEM	M.Sc.
	ELECTIVE:			
56	A. ANIMAL BIOTECHNOLOGY	BT354P	II YEAR/ III SEM	M.Sc.
57	B. PROTEIN ENGINEERING - PR		II YEAR/ III SEM	M.Sc.
58	BIOPROCESS ENGINEERING	BT401T	II YEAR/ IV SEM	M.Sc.
59	MEDICAL BIOTECHNOLOGY	BT402T	II YEAR/ IV SEM	M.Sc.
	ELECTIVE:			
60	A. ENVIRONMENT BIOTECHNOLOGY	BT403T	II YEAR/ IV SEM	M.Sc.
61	B. BIO PHARMACOLOGY		II YEAR/ IV SEM	M.Sc.
62	PROJECT WORK	BT404T	II YEAR/ IV SEM	M.Sc.
63	BIOPROCESS ENGINEERING - PR	BT451P	II YEAR/ IV SEM	M.Sc.
64	MEDICAL BIOTECHNOLOGY - PR	BT452P	II YEAR/ IV SEM	M.Sc.
	ELECTIVE:			
65	A. ENVIRONMENT BIOTECHNOLOGY	BT453P	II YEAR/ IV SEM	M.Sc.
66	B. BIO PHARMACOLOGY - PR		II YEAR/ IV SEM	M.Sc.
67	FOOD BIOTECHNOLOGY	IDE	II YEAR/ IV SEM	M.Sc.
68	PROJECT/THESIS/PRESENTATION	BT454P	II YEAR/ IV SEM	M.Sc.
69	MICROBIAL DIVERSITY AND LOWER PLANTS	DSC-1A	I YEAR/ I SEM	B.SC (BZC,BTBC)
70	MICROBIAL DIVERSITY AND LOWER PLANTS – PR	DSC-1AP	I YEAR/ I SEM	B.SC (BZC,BTBC)
71	ENVIRONMENTAL SCIENCE	AECC 1	I YEAR/ I SEM	B.SC (BZC,BTBC)

72	GYMNOSPERMS TAXONOMY & ECOLOGY	DSC-1B	I YEAR /II SEM	B.SC (BZC,BTBC)
73	BACIS COMPUTER SKILLS	AECC II	I YEAR /II SEM	B.SC (BZC,BTBC)
74	NURSERY & GARDENING	SEC 1 SEC 2	II YEAR/ III SEM	B.SC (BZC,BTBC)
75	BIOFERTILIZERS & ORGANIC FARMING		II YEAR/ III SEM	B.SC (BZC,BTBC)
76	ANATOMY AND EMBRIOLOGY	DSC-IC	II YEAR/ III SEM	B.SC (BZC,BTBC)
77	CELL BIOLOGY, GENETIC & PLANT PHYSIOLOGY	DSC-ID	II YEAR/ IV SEM	B.SC (BZC,BTBC)
78	CELL BIOLOGY, GENETIC & PLANT PHYSIOLOGY-PR	DSC -ID P	II YEAR/ IV SEM	B.SC (BZC,BTBC)
79	GREEN HOUSE TECHNOLOGY	SEC 3 SEC 4	II YEAR/ IV SEM	B.SC (BZC,BTBC)
80	MUSHROOM CULTURE TECHNOLOGY		II YEAR/ IV SEM	B.SC (BZC,BTBC)
81	BIODIVERSITY & CONSERVATION	DSE 1A	III YEAR/ V SEM	B.SC (BZC,BTBC)
82	ECONOMIC BOTANY	DSE 1B	III YEAR/ V SEM	B.SC (BZC,BTBC)
83	SEED TECHNOLOGY	DSE1C	III YEAR/ V SEM	B.SC (BZC,BTBC)
84	BIODIVERSITY & CONSERVATION- PR	DSE1P	III YEAR/ V SEM	B.SC (BZC,BTBC)
85	ECONOMIC BOTANY- PR	DSE2P	III YEAR/ V SEM	B.SC (BZC,BTBC)
86	SEED TECHNOLOGY- PR	DSE3P	III YEAR/ V SEM	B.SC (BZC,BTBC)
87	INDUSTRIAL MICROBIOLOGY	GE-1	III YEAR/ V SEM	B.SC (BZC,BTBC)
88	PLANT MOLECULAR BIOLOGY	DSE 2A	III YEAR/ VI SEM	B.SC (BZC,BTBC)
89	TISSUE CULTURE & BIOTECHNOLOGY	DSE 2B	III YEAR/ VI SEM	B.SC (BZC,BTBC)
90	ANALYTICAL TECHNIQUES N PLANT SCIENCE	DSE 2C	III YEAR/ VI SEM	B.SC (BZC,BTBC)
91	PLANT MOLECULAR BIOLOGY- PR	DSE 2A P	III YEAR/ VI SEM	B.SC (BZC,BTBC)

92	TISSUE CULTURE & BIOTECHNOLOGY-PR	DSE 1B P	III YEAR/ VI SEM	B.SC (BZC,BTBC)
93	ANALYTICAL TECHNIQUES N PLANT SCIENCE- PR	DSE 2C P	III YEAR/ VI SEM	B.SC (BZC,BTBC)
94	RESEARCH METHODOLOGY	PR	III YEAR/ VI SEM	B.SC (BZC,BTBC)
95	PHYCOLOGY AND MYCOLOGY	MBOT.OC.T.1.101	I YEAR/ I SEM	M.Sc. (BOT)
96	BRYOPHYTE & PTERIDOPHYTA	MBOT.OC.T.1.102	I YEAR/ I SEM	M.Sc. (BOT)
97	TAXONOMY OF ANGIOSPERMS AND MEDICINAL BOTANY	MBOT.OC.T.1.103	I YEAR/ I SEM	M.Sc. (BOT)
98	PLANT BIOCHEMISTRY	MBOT.OC.T.1.104	I YEAR/ I SEM	M.Sc. (BOT)
99	PRACTICAL LAB – I	MBOT.OC.P.1.105	I YEAR/ I SEM	M.Sc. (BOT)
100	PRACTICAL LAB – II	MBOT.OC.P.1.106	I YEAR/ I SEM	M.Sc. (BOT)
101	PRACTICAL LAB – III	MBOT.OC.P.1.107	I YEAR/ I SEM	M.Sc. (BOT)
102	PRACTICAL LAB – IV	MBOT.OC.P.1.108	I YEAR/ I SEM	M.Sc. (BOT)
103	APPLIED PHYSIOLOGY AND MYCOLOGY	MBOT.OC.T.1.201	I YEAR/ II SEM	M.Sc. (BOT)
104	GYMNOSPERMS AND EMBRYOLOGY	MBOT.OC.T.1.202	I YEAR/ II SEM	M.Sc. (BOT)
105	PLANT ANATOMY AND PALYNOLOGY	MBOT.OC.T.1.203	I YEAR/ II SEM	M.Sc. (BOT)
106	PLANT PHYSIOLOGY	MBOT.OC.T.1.204	I YEAR/ II SEM	M.Sc. (BOT)
107	PRACTICAL LAB – I	MBOT.OC.P.1.205	I YEAR/ II SEM	M.Sc. (BOT)
108	PRACTICAL LAB – II	MBOT.OC.P.1.206	I YEAR/ II SEM	M.Sc. (BOT)
109	PRACTICAL LAB – III	MBOT.OC.P.1.207	I YEAR/ II SEM	M.Sc. (BOT)
110	PRACTICAL LAB – IV	MBOT.OC.P.1.208	I YEAR/ II SEM	M.Sc. (BOT)
111	CELL BIOLOGY, GENETICS AND STATISTICS	MBOT.OC.T.1.301	II YEAR/III SEM	M.Sc. (BOT)
112	ENVIRONMENTAL POLLUTION & PROTECTION	MBOT.OC.T.1.302	II YEAR/III SEM	M.Sc. (BOT)

113	SPECIALIZATION – (A/B/C/D/E)	MBOT.OC.T.1.303	II YEAR/III SEM	M.Sc. (BOT)
114	SPECIALIZATION – (A/B/C/D/E)	MBOT.OC.T.1.304	II YEAR/III SEM	M.Sc. (BOT)
115	PRACTICAL LAB - I	MBOT.OC.P.1.305	II YEAR/III SEM	M.Sc. (BOT)
116	PRACTICAL LAB – II	MBOT.OC.P.1.306	II YEAR/III SEM	M.Sc. (BOT)
117	PRACTICAL LAB – III	MBOT.OC.P.1.307	II YEAR/III SEM	M.Sc. (BOT)
118	PRACTICAL LAB - IV	MBOT.OC.P.1.308	II YEAR/III SEM	M.Sc. (BOT)
119	ECOLOGY & PHYTOGEOGRAPHY	MBOT.OC.T.1.401	II YEAR/IV SEM	M.Sc. (BOT)
120	HORTICULTURE & PLANT BREEDING	MBOT.OC.T.1.402	II YEAR/IV SEM	M.Sc. (BOT)
121	SPECIALIZATION – (A/B/C/D/E)	MBOT.OC.T.1.403	II YEAR/IV SEM	M.Sc. (BOT)
122	SPECIALIZATION – (A/B/C/D/E)	MBOT.OC.T.1.404	II YEAR/IV SEM	M.Sc. (BOT)
123	PRACTICAL LAB - I	MBOT.OC.P.1.405	II YEAR/IV SEM	M.Sc. (BOT)
124	PRACTICAL LAB – II	MBOT.OC.P.1.406	II YEAR/IV SEM	M.Sc. (BOT)
125	PRACTICAL LAB – III	MBOT.OC.P.1.407	II YEAR/IV SEM	M.Sc. (BOT)
126	PRACTICAL LAB - IV	MBOT.OC.P.1.408	II YEAR/IV SEM	M.Sc. (BOT)
127	PRINCIPLES OF MANAGEMENT	DSC 101	I YEAR/I SEM	BBA
128	BASICS OF MARKETING	DSC 102	I YEAR/I SEM	BBA
129	BUSINESS ECONOMICS	DSC 103	I YEAR/I SEM	BBA
130	ENVIRONMENTAL SCIENCE	AECC1	I YEAR/I SEM	BBA
131	ORGANISATIONAL BEHAVIOUR	DSC 201	I YEAR/ II SEM	BBA
132	BUSINESS STATISTICS	DSC 202	I YEAR/ II SEM	BBA
133	FINANCIAL ACCOUNTING	DSC 203	I YEAR/ II SEM	BBA
134	BUSINESS CORRESPONDANCE & COMMUNICATIONS	DSC 204	I YEAR/ II SEM	BBA
135	BASIC COMPUTER SKILLS	AECC2	I YEAR/ II SEM	BBA

136	HUMAN RESOURCE MANAGEMENT	DSC 301	II YEAR III SEM	BBA
137	IT FOR BUSINESS	DSC 302	II YEAR III SEM	BBA
138	IT FOR BUSINESS PR	DSC 302	II YEAR III SEM	BBA
139	FINANCIAL MANAGEMENT	DSC 303	II YEAR III SEM	BBA
140	COMMUNICATION SKILLS OR PROFESSIONAL SKILLS	SEC-1	II YEAR III SEM	BBA
141	BUSINESS POLICY & STRATEGY OR ADVANCED COMPUTER SKILLS	SEC-2	II YEAR III SEM	BBA
142	BUSINESS LAW & ETHICS	DSC 401	II YEAR/IV SEM	BBA
143	MARKET RESEARCH	DSC 402	II YEAR/IV SEM	BBA
144	MANAGEMENT SCIENCE	DSC 403	II YEAR/IV SEM	BBA
145	a)LEADERSHIP AND MANAGEMENT SKILLS OR b) UNIVERSAL HUMAN VALUES	SEC-3	II YEAR/IV SEM	BBA
146	a)START UP OPPORTUNITY AND FEASIBILITY OR b)BASIC QUALITY MANAGEMENT	SEC-4	II YEAR/IV SEM	BBA
147	MOBILE COMMERCE	GE-1	III YEAR/V SEM	BBA
148	FINANCIAL MARKETS & SERVICES	BBA501	III YEAR/V SEM	BBA
149	BRAND MANAGEMENT	BBA501	III YEAR/V SEM	BBA
150	ORGANIZATIONAL DEVELOPMENT	BBA501	III YEAR/V SEM	BBA
151	ANALYSIS OF INVESMENT IN FINANCIAL ASSESTS	BBA502	III YEAR/V SEM	BBA
152	RETAIL MANAGEMENT	BBA502	III YEAR/V SEM	BBA
153	PERFORMANCE APPRAISAL & COUNSELLING	BBA502	III YEAR/V SEM	BBA
154	INSURANCE SERVICE	BBA503	III YEAR/V SEM	BBA
155	CUSTOMER RELATIONSHIP MANAGEMENT	BBA503	III YEAR/V SEM	BBA
156	COMPENSATION MANAGEMENT	BBA503	III YEAR/V SEM	BBA
157	PERSONALITY DEVELOPMENT	SECC3	III YEAR/V SEM	BBA
158	BANKING	BBA601	III YEAR /VI SEM	BBA
159	BUYER BEHAVIOUR	BBA601	III YEAR /VI SEM	BBA
160	LEADERSHIP & CHANGE MANAGEMENT	BBA601	III YEAR /VI SEM	BBA
161	RISK ANALYSIS AND MANAGEMENT	BBA602	III YEAR /VI SEM	BBA
162	ADVERTISING & SALES PROMOTION	BBA602	III YEAR /VI SEM	BBA
163	Talent & Knowledge Management	BBA602	III YEAR /VI SEM	BBA

164	INTERNATIONAL FINANCE	BBA603	III YEAR /VI SEM	BBA
165	RURAL MARKETING	BBA603	III YEAR /VI SEM	BBA
166	EMPLOYEES RELATIONS	BBA603	III YEAR /VI SEM	BBA
167	PROJECT REPORT	BBA604	III YEAR /VI SEM	BBA
168	BUSINESS INTELLIGENCE & DATA VISUALIZATION	SEC4	III YEAR /VI SEM	BBA
169	PRINCIPAL OF MANAGEMENT	BBM101	I YEAR/ I SEM	BBM
170	FINANCIAL ACCOUNTING	BBM102	I YEAR/ I SEM	BBM
171	BUSINESS ECONOMICS	BBM103	I YEAR/ I SEM	BBM
172	ENVIRONMENTAL STUDIES	AECCI	I YEAR/ I SEM	BBM
173	FUNDAMENTALS OF MARKETING	AECC-II	I YEAR/II SEM	BBM
174	BUSINESS STATISTICS	BBM201	I YEAR/II SEM	BBM
175	BUSINESS CORRESPONDENCE AND COMMUNICATION	BBM202	I YEAR/II SEM	BBM
176	BASIC COMPUTER SKILL	BBM203	I YEAR/II SEM	BBM
177	HUMAN RESOURCE AND MANAGEMENT	BBM 301	II YEAR/ III SEM	BBM
178	INFORMATION TECHNOLOGY FOR BUSINESS	BBM 302 PR	II YEAR/ III SEM	BBM
179	INFORMATION TECHNOLOGY FOR BUSINESS PR	BBM 302	II YEAR/ III SEM	BBM
180	ACCOUNTING FOR MANAGEMENT	BBM 303	II YEAR/ III SEM	BBM
181	COMMUNICATION SKILLS OR PROFESSIONAL SKILLS	SEC-1	II YEAR/ III SEM	BBM

182	BUSINESS POLICY AND STRATEGY OR ADVANCED COMPUTER SKILLS	SEC-2	II YEAR/ III SEM	BBM
183	BUSINESS LAW AND ETHICS	BBM 401	II YEAR/IV SEM	BBM
184	DIGITAL MARKETING	BBM 402	II YEAR/IV SEM	BBM
185	FINANCIAL MANAGEMENT	BBM 403	II YEAR/IV SEM	BBM
186	LEADERSHIP AND MANAGEMENT SKILLS OR UNIVERSAL HUMAN VALUES	SEC-3	II YEAR/IV SEM	BBM
187	START UP OPPORTUNITY AND FEASIBILITY OR BASIC QUALITY MANAGEMENT	SEC-4	II YEAR/IV SEM	BBM
188	MOBILE COMMERCE	GE	III YEAR/ V SEM	BBM
189	A. ENTREPRENEURSHIP AND SMALL BUSINESS MANAGEMENT OR B. BUSINESS ANALYTICS	DSE-13	III YEAR/ V SEM	BBM
190	A. FINANCIAL MARKETS AND SERVICES (F) B. PRODUCT AND BRAND MANAGEMENT (M) C. ORGANIZATION DEVELOPMENT (HR) D. FUNDAMENTALS OF RETAIL MANAGEMENT (RM)	DSE-14	III YEAR/ V SEM	BBM
191	A. ANALYSIS OF INVESMENT IN FINANCIAL ASSESTS (F) B. RETAIL MANAGEMT (M) C. PERFORMANCE APPRAISAL AND COUNSELLING (HR) D. RETAIL MALL MANAGEMENT(RM)	DSE-15	III YEAR/ VI SEM	BBM

192	A. LOGISTIC AND SUPPLY CHAIN MANAGEMNT OR B. BUSINESS INTELLIGENCE AND DATA VISUALIZATION	DSE-16	III YEAR/ VI SEM	BBM
193	A. BANKING (F) B. BUYER BEHAVIOUR (M) C. LEADERSHIP AND CHANGE MANAGEMENT (HR) D. GLOBAL RETAILING AND MERCHANDIZING (RM)	DSE-17	III YEAR/ VI SEM	BBM
194	A. INSURANCE (F) B. CUSTOMER RELATIONSHIP MANAGEMENT (M) C. COMPENSATION MANAGEMENT (HR) D. RETAIL STORE OPERATIONS AND PRICING (RM)	DSE-18	III YEAR/ VI SEM	BBM
195	PROJECT + VIVA VOCE	PR 604	III YEAR/ VI SEM	BBM
196	PRINCIPLES OF MANAGEMENT	DSC 101	I YEAR/I SEM	BBA (AI&DS)
197	BASICS OF MARKETING	DSC 102	I YEAR/I SEM	BBA (AI&DS)
198	BUSINESS ECONOMICS	DSC 103	I YEAR/I SEM	BBA (AI&DS)
199	ENVIRONMENTAL STUDIES	AECC-I	I YEAR/I SEM	BBA (AI&DS)
200	BUSINESS STATISTICS	DSC-201	I YEAR/II SEM	BBA (AI&DS)
201	FINANCIAL ACCOUNTING	DSC 202	I YEAR/II SEM	BBA (AI&DS)
202	IT FOR BUSINESS	DSC 203	I YEAR/II SEM	BBA (AI&DS)
203	IT FOR BUSINESS PR	DSC 203 PR	I YEAR/II SEM	BBA (AI&DS)
204	BASIC COMPUTER SKILLS	AECC-2	I YEAR/II SEM	BBA (AI&DS)

205	HUMAN RESOURCE MANAGEMENT	DSC 301	II YEAR/III SEM	BBA (AI&DS)
206	PYTHON PROGRAMMING	DSC 303	II YEAR/III SEM	BBA (AI&DS)
207	PYTHON PROGRAMMING-LAB	DC 303 PR	II YEAR/III SEM	BBA (AI&DS)
208	FINANCIAL MARKETS AND SERVICES	DSC 304	II YEAR/III SEM	BBA (AI&DS)
209	COMMUNICATION SKILLS OR PROFESSIONAL SKILLS	SEC-I	II YEAR/III SEM	BBA (AI&DS)
210	BUSINESS POLICY & STRATEGY OR ADVANCED COMPUTER SKILLS	SEC-II	II YEAR/III SEM	BBA (AI&DS)
211	BUSINESS LAW AND ETHICS	DSC 401	II YEAR/IV SEM	BBA (AI&DS)
212	MARKETING RESEARCH	DSC 402	II YEAR/IV SEM	BBA (AI&DS)
213	INTRODUCTION TO DATA SCIENCE	DSC 403	II YEAR/IV SEM	BBA (AI&DS)
214	DATA SCIENCE-LAB	DSC 403 PR	II YEAR/IV SEM	BBA (AI&DS)
215	Leadership & Management Skills	SEC-3	II YEAR/IV SEM	BBA (AI&DS)
216	Basic Quality Management	SEC-4	II YEAR/IV SEM	BBA (AI&DS)
217	ENVIRONMENTAL SCIENCE	AECC-I	I YEAR/I SEM	B.Com (GEN)
218	FINANCIAL ACCOUNTING	DSC-101	I YEAR/I SEM	B.Com (GEN)
219	BUSINESS ORGANIZATION & MANAGEMENT	DSC-102	I YEAR/I SEM	B.Com (GEN)
220	FOREIGN TRADE	DSC-103	I YEAR/I SEM	B.Com (GEN)
221	BASIC COMPUTER SKILLS	AECCII	I YEAR/I SEM	B.Com (GEN)
222	FINANCIAL ACCOUNTING – II	DSC201	I YEAR/II SEM	B.Com (GEN)

223	BUSINESS LAWS	DSC202	I YEAR/II SEM	B.Com (GEN)
224	BANKING & FINANCIAL SERVICES	DSC203	I YEAR/II SEM	B.Com (GEN)
225	COMMUNICATION SKILLS	SEC-1	I YEAR/II SEM	B.Com (GEN)
226	PRINCIPLES OF INSURANCE	SEC-2	I YEAR/II SEM	B.Com (GEN)
227	ADVANCED ACCOUNTING	DSC301	II YEAR/III SEM	B.Com (GEN)
228	BUSINESS STATISTICS	DSC302	II YEAR/III SEM	B.Com (GEN)
229	FINANCIAL INSTITUTIONS AND MARKETS	DSC 303	II YEAR/III SEM	B.Com (GEN)
230	LEADERSHIP AND MANAGEMENT SKILLS	SEC-3	II YEAR/III SEM	B.Com (GEN)
231	PRACTICE OF LIFE AND GENERAL INSURANCE	SEC-4	II YEAR/III SEM	B.Com (GEN)
232	INCOME TAX	DSC401	II YEAR/IV SEM	B.Com (GEN)
233	BUSINESS STATISTICS-II	DSC402	II YEAR/IV SEM	B.Com (GEN)
234	CORPORATE ACCOUNTING	DSC403	II YEAR/IV SEM	B.Com (GEN)
235	BUSINESS ECONOMICS	GE	III YEAR/ V SEM	B.Com (GEN)
236	A) COST ACCOUNTING B) FINANCIAL PLANNING AND PERFORMANCE C) INTERNATIONAL FINANCIAL REPORTING-I	501	III YEAR/ V SEM	B.Com (GEN)
237	A) COMPUTERISED ACCOUNTING B) FINANCIAL DECISION MAKING-I C) INTERNATIONAL TAX REGULATION	502	III YEAR/ V SEM	B.Com (GEN)
238	A) AUDITING B) ADVANCED CORPORATE ACCOUNTING C) FINANCIAL MANAGEMENT	503	III YEAR/ V SEM	B.Com (GEN)
239	PROJECT	PROJECT REPORT	III YEAR/ VI SEM	B.Com (GEN)

240	A) COST CONTROL AND MANAGEMENT ACCOUNTING B) ADVANCED CORPORATE ACCOUNTING C) FINANCIAL MANAGEMENT	DSC601	III YEAR/ VI SEM	B.Com (GEN)
241	A) THEORY AND PRACTICE OF GST B) FINANCIAL DECISION MAKING II C) INTERNATIONAL AUDITING	DSC602	III YEAR/ VI SEM	B.Com (GEN)
242	A) ACCOUNTING STANDARDS/ B) CORPORATE GOVERNANCE/ C) INVESTMENT MANAGEMENT	DSC603	III YEAR/ VI SEM	B.Com (GEN)
243	Research methodology & project Report	PR	III YEAR/ VI SEM	B.Com (GEN)
244	ENVIRONMENTAL SCIENCE	AECC1	I YEAR/I SEM	B.COM(C A)
245	FINANCIAL ACCOUNTING	DSE101	I YEAR/I SEM	B.COM(C A)
246	BUSINESS ORGANIZATION & MANAGEMENT	DSE102	I YEAR/I SEM	B.COM(C A)
246	FUNDAMENTALS OF INFORMATION TECHNOLOGY	DSE103	I YEAR/I SEM	B.COM(C A)
248	BASIC COMPUTER SKILLS	AECC-2	I YEAR/II SEM	B.COM(C A)
249	FINANCIAL ACCOUNTING – II	DSE201	I YEAR/II SEM	B.COM(C A)
250	BUSINESS LAWS	DSE202	I YEAR/II SEM	B.COM(C A)
251	PROGRAMMING WITH C AND C++	DSE203	I YEAR/II SEM	B.COM(C A)

252	COMMUNICATION SKILLS	SEC2	I YEAR/II SEM	B.COM(C A)
253	PRINCIPLES OF INSURANCE	SEC-2	I YEAR/II SEM	B.COM(C A)
254	ADVANCED ACCOUNTING	DSC301	II YEAR/III SEM	B.COM(C A)
255	BUSINESS STATISTICS-I	DSC302	II YEAR/III SEM	B.COM(C A)
256	RELATIONAL DATABASE MANAGEMENT SYSTEM	DSC303	II YEAR/III SEM	B.COM(C A)
257	LEADERSHIP AND MANAGEMENT SKILLS	SEC3	II YEAR/III SEM	B.COM(C A)
258	PRACTICE OF LIFE AND GENERAL INSURANCE	SEC4	II YEAR/III SEM	B.COM(C A)
259	INCOME TAX	DSC401	II YEAR/IV SEM	B.COM(C A)
260	BUSINESS STATISTICS-II	DSC402	II YEAR/IV SEM	B.COM(C A)
261	WEB TECHNOLOGIES	DSC403	II YEAR/IV SEM	B.COM(C A)
262	A) BUSINESS ECONOMICS B) ADVANCE ASPECTS OF INCOME TAX	GE	III YEAR/V SEM	B.Com (CA)
263	A) COST ACCOUNTING/ B) FINANCIAL PLANNING AND PERFORMANCE/ C) INTERNATIONAL FINANCIAL REPORTING-I	DSC501	III YEAR/V SEM	B.Com (CA)
264	A) COMPUTERISED ACCOUNTING/ B) FINANCIAL DECISION MAKING/ C) INTERNATIONAL TAX AND REGULATION	DSC502	III YEAR/V SEM	B.Com (CA)
265	A) MANAGEMENT INFORMATION SYSTEMS/ B) E-COMMERCE/ C) MOBILE APPLICATION	DSC503	III YEAR/V SEM	B.Com (CA)

266	Research methodology & project Report	PROJECT REPORT	III YEAR/VI SEM	B.Com (CA)
267	A) COST CONTROL AND MANAGEMENT B) ACCOUNTING FINANCIAL CONTROL/ C) INTERNATIONAL FINANCIAL REPORTING-II	DSC601	III YEAR/VI SEM	B.Com (CA)
268	A) THEORY AND PRACTICE OF GST/ B) FINANCIAL DECISION MAKING-II/ C) INTERNATIONAL AUDITING	DSC602	III YEAR/VI SEM	B.Com (CA)
269	A) MULTIMEDIA SYSTEMS/ B) CYBER SECURITY/ C) DATA ANALYTICS	DSC603	III YEAR/VI SEM	B.Com (CA)
270	ENVIRONMENTAL SCIENCE	AECC1	I YEAR/I SEM	B.Com (FT)
271	FINANCIAL ACCOUNTING-I	DSC101	I YEAR/I SEM	B.Com (FT)
272	BUSINESS ORGANIZATION & MANAGEMENT	DSC102	I YEAR/I SEM	B.Com (FT)
273	INTRODUCTION TO INTERNATIONAL BUSINESS	DSC103	I YEAR/I SEM	B.Com (FT)
274	COMMUNICATION SKILLS	AECC-2	I YEAR/II SEM	B.Com (FT)
275	FINANCIAL ACCOUNTING-II	DSC201	I YEAR/II SEM	B.Com (FT)
276	BUSINESS LAWS	DSC202	I YEAR/II SEM	B.Com (FT)
277	EXPORT MARKETING	DSC 203	I YEAR/II SEM	B.Com (FT)
278	BASIC COMPUTER SKILLS	SEC-1	II YEAR/III SEM	B.Com (FT)

279	PRINCIPLES OF INSURANCE	SEC-2	II YEAR/III SEM	B.Com (FT)
280	ADVANCED ACCOUNTING	DSC301	II YEAR/III SEM	B.Com (FT)
281	BUSINESS STATISTICS-1	DSC302	II YEAR/III SEM	B.Com (FT)
282	INTERNATIONAL BUSINESS PROCEDURE AND DOCUMENTATION	DSC303	II YEAR/III SEM	B.Com (FT)
283	LEADERSHIP AND MANAGEMENT SKILLS	SEC-3	II YEAR/IV SEM	B.Com (FT)
284	PRACTICE OF LIFE AND GENERAL INSURANCE	SEC-4	II YEAR/IV SEM	B.Com (FT)
285	INCOME TAX	DSC401	II YEAR/IV SEM	B.Com (FT)
286	BUSINESS STATISTICS-II	DSC402	II YEAR/IV SEM	B.Com (FT)
287	CORPORATE ACCOUNTING	DSC403	II YEAR/IV SEM	B.Com (FT)
288	BUSINESS ECONOMICS/ ADVANCED ASPECTS OF INCOME TAX	GE	III YEAR/ V SEM	B.Com.(FT)
289	A) COST ACCOUNTING/ B) FINANCIAL PLANNING AND PERFORMANCE/ C) INTERNATIONAL FINANCIAL REPORTING-I	DSC501	III YEAR/ V SEM	B.Com.(FT)
290	A) COMPUTERISED ACCOUNTING/ B) FINANCIAL DECISION MAKING-I/ C) INTERNATIONAL TAX AND REGULATION	DSC502	III YEAR/ V SEM	B.Com.(FT)
291	A) LOGISTICS MANAGEMENT B) ADVANCED CORPORATE ACCOUNTING/ C) FINANCIAL MANAGEMENT	DSC503	III YEAR/ V SEM	B.Com.(FT)

292	Research methodology & project Report	PROJECT REPORT	III YEAR/ VI SEM	B.Com.(FT)
293	A) COST CONTROL AND MANAGEMENT ACCOUNTING/ B) ADVANCED CORPORATE ACCOUNTING C) FINANCIAL MANAGEMNT	DSC601	III YEAR/ VI SEM	B.Com.(FT)
294	A) THEORY AND PRACTICE OF GST/ B) FINANCIAL DECISION MAKING-II/ C) INTERNATIONAL AUDITING	DSC602	III YEAR/ VI SEM	B.Com.(FT)
295	A) CROSS CULTURAL CONSUMER AND INDUSTRIAL BUYER BEHAVIOUR/ B) CORPORATE GOVERNANCE/ C) INVESTMENT MANAGEMENT	DSC603	III YEAR/ VI SEM	B.Com.(FT)
296	ENVIRONMENTAL SCIENCE	AECC-1	I YEAR/I SEM	B.Com.(E-COMM)
297	FINANCIAL ACCOUNTING-I	DSC101	I YEAR/I SEM	B.Com.(E-COMM)
298	BUSINESS ORGANIZATION & MANAGEMENT	DSC102	I YEAR/I SEM	B.Com.(E-COMM)
299	FUNDAMENTAL OF INFORMATION TECHNOLOGY	DSC103	I YEAR/I SEM	B.Com.(E-COMM)
300	BASIC COMPUTER SKILLS	AECC2	I YEAR/II SEM	B.Com.(E-COMM)
301	FINANCIAL ACCOUNTING-II	DSC201	I YEAR/II SEM	B.Com.(E-COMM)
302	BUSINESS LAWS	BCO202	I YEAR/II SEM	B.Com.(E-COMM)
303	FUNDAMENTALS OF ADVERTISING	BCO203	I YEAR/II SEM	B.Com.(E-COMM)
304	COMMUNICATION SKILLS	SEC-1	II YEAR/III SEM	B.Com.(E-COMM)
305	PRINCIPLES OF INSURANCE	SEC-2	II YEAR/III SEM	B.Com.(E-COMM)

306	ADVANCED ACCOUNTING	DSC301	II YEAR/III SEM	B.Com.(E-COMM)
307	BUSINESS STATISTICS-II	DSC302	II YEAR/III SEM	B.Com.(E-COMM)
308	PROGRAMMING WITH C	DSC303	II YEAR/III SEM	B.Com.(E-COMM)
309	LEADERSHIP AND MANAGEMENT	SEC-3	II YEAR/IVSEM	B.Com.(E-COMM)
310	PRACTICE OF LIFE AND GENERAL INSURANCE	SEC-4	II YEAR/IVSEM	B.Com.(E-COMM)
311	INCOME TAX	DSC401	II YEAR/IVSEM	B.Com.(E-COMM)
312	BUSINESS STATISTICS-II	DSC402	II YEAR/IVSEM	B.Com.(E-COMM)
313	OBJECT ORIENTED PROGRAMMING USING C++	DSC403	II YEAR/IVSEM	B.Com.(E-COMM)
314	BUSINESS ECONOMICS/ ADVANCED ASPECTS OF INCOME TAX	GE	III YEAR/V SEM	B.Com.(E-COMM)
315	A) COST ACCOUNTING/ B) FINANCIAL PLANNING AND PERFORMANCE/ C) INTERNATIONAL FINANCIAL REPORTING-I	DSC501	III YEAR/V SEM	B.Com.(E-COMM)
316	A) COMPUTERISED ACCOUNTING/ B) FINANCIAL DECISION MAKING-I/ C) INTERNATIONAL TAX AND REGULATION	DSC502	III YEAR/V SEM	B.Com.(E-COMM)
317	FUNDAMENTALS OF E-COMMERCE	DSC503	III YEAR/V SEM	B.Com.(E-COMM)
318	Research methodology & project Report	PROJECT REPORT	III YEAR/VI SEM	B.Com.(E-COMM)
319	A) COST CONTROL AND MANAGEMENT B) ACCOUNTING CONTROL/ C) INTERNATIONAL FINANCIAL REPORTING-II	DSC601	III YEAR/VI SEM	B.Com.(E-COMM)

320	A) THEORY AND PRACTICE OF GST/ B) FINANCIAL DECISION MAKING-II/ C) INTERNATIONAL AUDITING	DSC602	III YEAR/VI SEM	B.Com.(E-COMM)
321	BUSINESS DATA ANALYSIS	DSC603	III YEAR/VI SEM	B.Com.(E-COMM)
322	EVS	AECC1	I YEAR/I SEM	B.Com.(HON)
323	Financial Accounting-I	DSC101	I YEAR/I SEM	B.Com.(HON)
324	Business Organization and Management	DSC102	I YEAR/I SEM	B.Com.(HON)
325	Foreign Trade	DSC103	I YEAR/I SEM	B.Com.(HON)
326	Business Economics	DSC104	I YEAR/I SEM	B.Com.(HON)
327	Basic Computer Skills	AECC2	I YEAR/II SEM	B.Com.(HON)
328	Financial Accounting-II	DSC201	I YEAR/II SEM	B.Com.(HON)
329	Business Laws	DSC202	I YEAR/II SEM	B.Com.(HON)
330	Banking and Financial Services	DSC203	I YEAR/II SEM	B.Com.(HON)
331	Financial Management	DSC204	I YEAR/II SEM	B.Com.(HON)
332	Communication Skills	SEC-1	II YEAR/III SEM	B.Com.(HON)
333	Principles of Insurance	SEC-2	II YEAR/III SEM	B.Com.(HON)
334	Advanced Accounting	DSC301	II YEAR/III SEM	B.Com.(HON)
335	Business Statistics –I	DSC302	II YEAR/III SEM	B.Com.(HON)
336	Financial Institutions and Markets	DSC303	II YEAR/III SEM	B.Com.(HON)
337	Investment Management	DSC304	II YEAR/III SEM	B.Com.(HON)
338	LEADERSHIP AND MANAGEMENT	SEC-3	II YEAR/IV SEM	B.Com.(HON)
339	PRACTICE OF LIFE AND GENERAL INSURANCE	SEC-4	II YEAR/IV SEM	B.Com.(HON)
340	Income Tax	DSC401	II YEAR/IV SEM	B.Com.(HON)
341	Business Statistics –II	DSC402	II YEAR/IV SEM	B.Com.(HON)
342	Corporate Accounting	DSC403	II YEAR/IV SEM	B.Com.(HON)
343	Human Resource Management	DSC404	II YEAR/IV SEM	B.Com.(HON)

344	INDIAN ACCOUNTING STANDARDS	COM -I CORE -II	I YEAR/I SEM	M.Com.
345	MANAGERIAL ECONOMICS AND BUSINESS ENVIRONMENT	COM-2 CORE-II	I YEAR/I SEM	M.Com.
346	MARKETING MANAGEMENT	COM 3 CORE-III	I YEAR/I SEM	M.Com.
347	FINANCIAL MANAGEMENT	COM 4 CORE-IV	I YEAR/I SEM	M.Com.
348	ADVANCED MANAGEMENT ACCOUNTING	COM-5 CORE-I	I YEAR/I SEM	M.Com.
349	ORGANISATIONAL BEHAVIOUR AND HUMAN RESOURCE MANAGEMENT	COM 6 CORE-II	I YEAR/II SEM	M.Com.
350	E-COMMERCE	COM 7 CORE - III	I YEAR/II SEM	M.Com.
351	INVESTMENT MANGEMENT	COM 8 CORE-IV	I YEAR/II SEM	M.Com.
352	RESEARCH METHODOLOGY AND STATISTICAL ANALYSIS	COM 11 CORE-I	II YEAR/III SEM	M.Com.
353	E-COMMERCE	COM 12 CORE-II	II YEAR/ III SEM	M.Com.
354	COST ACCOUNTING AND CONTROL	COM 13 CORE-III	II YEAR/III SEM	M.Com.
355	INTERNATIONAL FINANCIAL MANAGEMENT	COM-14 ELECTIVE-I	II YEAR/III SEM	M.Com.

356	SECURITY ANALYSIS AND PORT FOLIO MANAGEMENT	COM 15 ELECTIVE II	II YEAR/ III SEM	M.Com.
357	SEMINAR		III YEAR/IV SEM	M.Com.
358	QUANTITATIVE TECHNIQUES FOR BUSINESS DECISIONS	COM 16 CORE-I	III YEAR/IV SEM	M.Com.
359	BUSINESS AND CORPORATE TAXATION	COM 17 CORE III	III YEAR/IV SEM	M.Com.
360	FINANCIAL SERVICES	COM 19 ELEC-I	III YEAR/IV SEM	M.Com.
361	FINANCIAL DERIVATIVES	COM 20 ELEC-II	III YEAR/IV SEM	M.Com.
362	PAPER-I(THEORY)	6109	I YEAR/I SEM	B.Sc
363	PAPER-II(PRACTICALS)	6109P	I YEAR/I SEM	B.Sc
364	ENVIRONMENTAL STUDIES	AECC-1	I YEAR/I SEM	B.Sc
365	PAPER-II(THEORY)	6209	I YEAR/II SEM	B.Sc
366	PAPER-II(PRACTICALS)	6209P	I YEAR/II SEM	B.Sc
367	BASIC COMPUTER SKILLS	AECC-II	I YEAR/II SEM	B.Sc
368	PAPER -III(THEORY)	6309	II YEAR/III SEM	B.Sc
369	PAPER-III (PRACTICALS)	6309P	II YEAR/III SEM	B.Sc
370	RULES IN CHEMISTRY LABORATORY	SECCIII	II YEAR/III SEM	B.Sc
371	PREPARATION OF LAB REAGENTS	SECCIII	II YEAR/III SEM	B.Sc
372	PAPER-IV(THEORY)	6409	II YEAR/IV SEM	B.Sc
373	PAPER-IV(PRACTICALS)	6409P	II YEAR/IV SEM	B.Sc

374	INDUSTRIAL CHEMISTRY	SECC-III	II YEAR/IV SEM	B.Sc
375	PAPER V(THEORY)	6509	III YEAR/V SEM	B.Sc.
376	PAPER VA (ELECTIVE)	6509A		
377	PAPER VB (ELECTIVE)	6509B	III YEAR/V SEM	B.Sc.
378	PAPER-V (THEORY)	6609	III YEAR/V SEM	B.Sc.
379	PAPER V (PRACTICALS) 1	6609P1	III YEAR/V SEM	B.Sc.
380	PAPER V (PRACTICALS) 2	6609P2	III YEAR/V SEM	B.Sc.
381	SOAPS AND DETERGENT	6609B	III YEAR/V SEM	B.Sc.
382	CHEMISTRY-VI (THEORY)	6609P	III YEAR/ VI SEM	B.Sc.
383	PAPER-VIA (ELECTIVE)	6609A	III YEAR/ VI SEM	B.Sc.
384	PAPER-VIB(ELECTIVE)	6609B	III YEAR/ VI SEM	B.Sc.
385	CHEMISTRY-VI-P1 (PRACTICALS)	6609P1	III YEAR/ VI SEM	B.Sc.
386	WATER TECHNOLOGY (SECCIV)	6609P2	III YEAR/ VI SEM	B.Sc.
387	ADVANCED CHEMISTRY PROJECT	GE II	III YEAR/ VI SEM	B.SC.
388	INORGANIC CHEMISTRY	511T	I YEAR/ ISEM	M.Sc.
389	INORGANIC CHEMISTRY PR	515P	I YEAR/ I SEM	M.Sc.
390	ORGANIC CHEMISTRY	512T	I YEAR/ I SEM	M.Sc.
391	ORGANIC CHEMISTRY PR	516P	I YEAR/ I SEM	M.Sc.
392	PHYSICAL CHEMISTRY	513T	I YEAR/ I SEM	M.Sc.
393	PHYSICAL CHEMISTRY PR			M.Sc.
394	ANALYTICAL TECHNIQUES AND SPECTROSCOPY	514T	I YEAR/ I SEM	M.Sc.
395	ANALYTICAL CHEMISTRY PRACTICAL	514P	I YEAR/ I SEM	M.Sc.
396	INORGANIC CHEMISTRY	521T	IYEAR/IISEM	M.Sc.
397	INORGANIC CHEMISTRY PR	521P	I YEAR/II SEM	M.Sc.

398	ORGANIC CHEMISTRY	522T	I YEAR/IISEM	M.Sc.
399	ORGANIC CHEMISTRY PR	522P	IYEAR/ IISEM	M.Sc.
400	PHYSICAL CHEMISTRY	523T	IYEAR/II SEM I YEAR/IISEM	M.Sc.
401	PHYSICAL CHEMISTRY PR			M.Sc.
402	ANALYTICAL TECHNIQUES AND SPECTROSCOPY-II	524T	I YEAR/II SEM	M.Sc.
403	HUMAN VALUES AND PROFESSIONAL ETHICS	126	I YEAR/II SEM	M.Sc.
404	SYNTHETIC REAGENTS, ADVANCED NMR, CONFORMATIONAL ANALYSIS AND ORD	525	II YEAR/III SEM	M.Sc.
405	MODERN ORGANIC SYNTHESIS	526	II YEAR/III SEM	M.Sc.
406	GREEN CHEMISTRY AND	527	II YEAR/III SEM	M.Sc.
407	ORGANIC MATERIALS	527		M.Sc.
408	BIO-TECHNOLOGY AND HEALTH CARE	528	II YEAR/III SEM	M.Sc.
409	SEMINAR	528	II YEAR/III SEM	M.Sc.
410	SYNTHESIS OF ORGANIC	529P	II YEAR/III SEM	M.Sc.
411	MOLECULES, ISOLATION	530P	II YEAR/III SEM	M.Sc.
412	OF NATURAL PRODUCTS AND TLC PR	530 P	II YEAR/III SEM	M.Sc.
413	SEPARATION AND IDENTIFICATION OF ORGANIC COMPOUNDS AND COLUMN CHROMATOGRAPHY PR	531	II YEAR/III SEM	M.Sc.
414	DRUG DESIGN AND DRUG	535	II YEAR/III SEM	M.Sc.
	DISCOVERY		II YEAR/III SEM	M.Sc.
415	DRUG SYNTHESIS AND	SEMINAR	II YEAR/III SEM	M.Sc.
	MECHANISM OF ACTION	536P	II YEAR/III SEM	M.Sc.
416	ADVANCED HETEROCYCLIC			M.Sc.

	CHEMISTRY			
417	ADVANCED NATURAL PRODUCTS	537P	II YEAR/III SEM	M.Sc.
418	FOOD MICROBIOLOGY	541	II YEAR/IVSEM	M.Sc.
419	SEMINAR		II YEAR/IVSEM	M.Sc.
420	SPECTROSCOPIC IDENTIFICATION OF ORGANIC	542	II YEAR/IVSEM	M.Sc.
421	COMPOUNDS AND PRACTICE OF		II YEAR/IVSEM	M.Sc.
422	CHEMISTRY SOFTWARE PROGRAMMES PR	543	II YEAR/IVSEM	M.Sc.
423	SYNTHESIS AND ANALYSIS OF DRUGS PR		II YEAR/IVSEM	M.Sc.
424	MATHEMATICS-I	7141	I YEAR/ I SEM	B.SC(CSE)
425	ECM	7142	I YEAR/ I SEM	B.SC(CSE)
426	ECM-LAB	7142p	I YEAR/ I SEM	B.SC(CSE)
427	IIT	7143	I YEAR/ I SEM	B.SC(CSE)
428	IIT LAB	7143P	I YEAR/ I SEM	B.SC(CSE)
429	PROGRAMMING IN C	7144	I YEAR/ I SEM	B.SC(CSE)
430	PROGRAMMING IN C-LAB	7144P	I YEAR/ I SEM	B.SC(CSE)
431	ENVIRONMENTAL STUDIES	AECC-1	I YEAR/ I SEM	B.SC(CSE)
432	MATHEMATICS-II	7246	II YEAR/ II SEM	B.SC(CSE)
433	PHYSICS	7247	II YEAR/ II SEM	B.SC(CSE)
434	PHYSICS-LAB	7247P	II YEAR/ II SEM	B.SC(CSE)
435	EDC	7248	II YEAR/ II SEM	B.SC(CSE)
436	EDC-LAB	7248P	II YEAR/ II SEM	B.SC(CSE)
437	PROG. IN UNIX	7249	II YEAR/ II SEM	B.SC(CSE)
438	PROG. IN UNIX-LAB	7249P	II YEAR/ II SEM	B.SC(CSE)
439	BASIC COMPUTER SKILLS	AECC-II	II YEAR/ II SEM	B.SC(CSE)

440	MATHEMATICS-III	7351	II YEAR/III SEM	B.SC(CSE)
441	DLD	7352	II YEAR/III SEM	B.SC(CSE)
442	DLD-LAB	7352P	II YEAR/III SEM	B.SC(CSE)
443	OS	7353	II YEAR/III SEM	B.SC(CSE)
444	OS-LAB	7353P	II YEAR/III SEM	B.SC(CSE)
445	00P-C++	7354	II YEAR/III SEM	B.SC(CSE)
446	OOP-C++-LAB	7354P	II YEAR/III SEM	B.SC(CSE)
447	SECC-1 COMMUNICATION SKILLS OR PROFESSIONAL SKILLS	SECC-I	II YEAR/III SEM	B.SC(CSE)
448	SOFTWARE ENGINEERING	SECC-II	II YEAR/III SEM	B.SC(CSE)
449	PROBABILITY AND STATISTICS	7456	II YEAR/IV SEM	B.SC(CSE)
450	MICROPROCESSOR 8086 AND INTERFACING	7457	II YEAR/IV SEM	B.SC(CSE)
451	DATA STRUCTURES	7458	II YEAR/IV SEM	B.SC(CSE)
452	DATA STRUCTURES-LAB	7458P	II YEAR/IV SEM	B.SC(CSE)
453	PROG. IN JAVA	7459	II YEAR/IV SEM	B.SC(CSE)
454	PROG. IN JAVA-LAB P		II YEAR/IV SEM	B.SC(CSE)
455	LEADESHIP AND MANAGEMENT SKILLS OR UNIVERSAL HUMAN VALUES	S7460	II YEAR/IV SEM	B.SC(CSE)
456	SOFTWARE ENGINEERING	S7461	II YEAR/IV SEM	B.SC(CSE)
457	COMPUTER NETWORKS	7561	III YEAR/V SEM	B.Sc(CSE)
458	COMPILER CONSTRUCTION	7562	III YEAR/V SEM	B.Sc (CSE)
459	OBJECT ORIENTED ANALYSIS AND DESIGN	7563	III YEAR/ V SEM	B.Sc (CSE)

460	MODERN DATA BASE MANAGEMENT SYSTEM	7564	III YEAR/V SEM	B.Sc. (CSE)
461	COMPUTER NETWORKS	7565	III YEAR/V SEM	B.Sc. (CSE)
462	OOAD- LAB	7563P	III YEAR/V SEM	B.Sc. (CSE)
463	MDBMS LAB	7564P	III YEAR/V SEM	B.Sc. (CSE)
464	GENERAL ELECTIVE-1/OPTIONAL: NO SQL OR BIG DATA	E7565A E7565B	III YEAR/ V SEM	B.Sc. (CSE)
465	INTERNET OF THINGS	7666	III YEAR/VI SEM	B.Sc. (CSE)
466	WEB PROGRAMMING	7667	III YEAR/VI SEM	B.Sc. (CSE)
467	INTRODUCTION TO DATA SCIENCE AND PYTHON PROGRAMMING	7668	III YEAR/VI SEM	B.Sc. (CSE)
468	WEB PROGRAMMING LAB	7667P	III YEAR/VI SEM	B.Sc. (CSE)
469	PYTHON PROGRAMMING LAB	7668P	III YEAR/VI SEM	B.Sc. (CSE)
470	PROJECT AND SEMINAR	7670P	III YEAR/VI SEM	B.Sc. (CSE)
471	GENERAL ELECTIVES-2 OPTIONAL: MACHINE LEARNING OR DATA ENGINEERING WITH PYTHON	7566A 7566B	III YEAR/VI SEM	B.Sc. (CSE)

472	PROGRAMMING IN C		I YEAR/I SEM	B.Sc(CS)
473	PROGRAMMING IN C LAB	6110 A6110		
474	ENVIRONMENTAL STUDIES			
475	PROGRAMMING IN C++		6210	I YEAR/II SEM
476	PROGRAMMING IN C++ LAB	6210P	I YEAR/II SEM	B.Sc(CS)
477	BASIC COMPUTER SKILLS	A6210	I YEAR/II SEM	B.Sc(CS)
478	DATA STRUCTURES	6310	II YEAR/III SEM	B.Sc(CS)
479	DATA STRUCTURES LAB			B.Sc(CS)
480	PYTHON-I	6310A2 AND 6310A1	II YEAR/III SEM	B.Sc(CS)
481	CS OR PS			B.Sc(CS)
482	DBMS	6410	II YEAR/IV SEM	B.Sc(CS)
483	DBMS LAB	6410P	II YEAR/IV SEM	B.Sc(CS)
484	PYTHON-II LMS OR UHV	A6410 AND A6410	II YEAR/IV SEM	B.Sc(CS)
485	PAPER V (THEORY) PRGAMMING IN JAVA	6510	III YEAR/V SEM	B.Sc.(CS)
486	PAPER- V (PRACTICAL)	6510P	III YEAR/V SEM	B.Sc.(CS)
487	GE- INFO. TECH-I	G6510	III YEAR/V SEM	B.Sc.(CS)
488	PAPER VI THEORY WEB TECHNOLOGY	6610	III YEAR/ VI SEM	B.Sc.(CS)
489	PAPER VI (PRACTICAL)	6610P	III YEAR/ VI SEM	B.Sc.(CS)
490	PROJECT & SEMINAR	6610PS	III YEAR/ VI SEM	B.Sc.(CS)
491	INFORMATION TECHNOLOGY II	G6610	III YEAR/ VI SEM	B.Sc.(CS)

492	MICRO ECONOMICS	I	I YEAR/I SEM	B. A ECONOMICS
493	ENVIRONMENTAL STUDIES	AECC-I	I YEAR/I SEM	B. A ECONOMICS
494	MACRO ECONOMICS	II	I YEAR/II SEM	B. A ECONOMICS
495	BASIC COMPUTER SKILLS	AECC2	I YEAR/II SEM	B. A ECONOMICS
496	STATISTICS FOR ECONOMICS	7144P	II YEAR/III SEM	B. A ECONOMICS
497	COMMUNICATION SKILLS OR PROFESSIONAL SKILLS	III DSC	II YEAR/III SEM	B. A ECONOMICS
498	MONEY AND BANKING	SECII	II YEAR/III SEM	B. A ECONOMICS
499	ENVIRONMENTAL ECONOMICS	SECII	II YEAR/III SEM	B. A ECONOMICS
500	INDIAN ECONOMY	IV	II YEAR/IV SEM	B. A ECONOMICS
501	LEADERSHIP AND MANAGEMENT OR UNIVERSAL HUMAN VALUES	SECIII	II YEAR/IV SEM	B. A ECONOMICS
502	INDUSTRIAL ECONOMICS	SECIVA	II YEAR/IV SEM	B. A ECONOMICS
503	ENTREPRENEURSHIP & DEVELOPMENT	SECIVB	II YEAR/IV SEM	B. A ECONOMICS
504	DEVELOPMENT ECONOMICS	V	III YEAR/V SEM	B. A ECONOMICS
505	RURAL DEVELOPMENT	GE-I	III YEAR/V SEM	B. A ECONOMICS
506	INTERNATIONAL ECONOMICS	VI	III YEAR/VI SEM	B. A ECONOMICS
507	FINANCIAL ECONOMICS	GE-II	III YEAR/VI SEM	B. A ECONOMICS
508	CIRCUIT ANALYSIS	6112	I YEAR/I SEM	B.Sc (ELECTRONICS)
509	CIRCUIT ANALYSIS PR	6112P	I YEAR/I SEM	B.Sc (ELECTRONICS)
510	ENVIRONMENTAL SCIENCES	A6112	I YEAR/I SEM	B.Sc (ELECTRONICS)
511	ELECTRONIC DEVICES	6212	I YEAR/II SEM	B.Sc (ELECTRONICS)
512	ELECTRONIC DEVICES PR	6212P	I YEAR/II SEM	B.Sc (ELECTRONICS)

513	BASIC COMPUTER SKILLS	A6212	I YEAR/II SEM	B.Sc (ELECTRONICS)
514	POWER SUPPLIES & ANALOG CIRCUITS	6312	II YEAR/III SEM	B.Sc (ELECTRONICS)
515	POWER SUPPLIES & ANALOG CIRCUITS PR	6312P	II YEAR/III SEM	B.Sc (ELECTRONICS)
516	COMMUNICATION SKILLS	A6312	II YEAR/III SEM	B.Sc (ELECTRONICS)
517	PROFESSIONAL SKILLS	A6312	II YEAR/III SEM	B.Sc (ELECTRONICS)
518	DIGITAL SIGNAL PROCESSING	16412	II YEAR/IV SEM	B.Sc (ELECTRONICS)
519	MODERN COMMUNICATION SYSTEMS	16412	II YEAR/IV SEM	B.Sc (ELECTRONICS)
520	APPLICATION OF OPERATIONAL	6412	II YEAR/IV SEM	B.Sc (ELECTRONICS)
521	AMPLIFIERS & COMMUNICATION	6412	II YEAR/IV SEM	B.Sc (ELECTRONICS)
522	APPLICATION OF OPERATIONAL AMPLIFIERS & COMMUNICATION PR	6412P	II YEAR/IV SEM	B.Sc (ELECTRONICS)
523	A. LEADERSHIP AND MANAGERIAL SKILLS	A6512	III YEAR/V SEM	B.Sc (ELECTRONICS)
524	PIC AND ATMEL MICROCONTROLLERS MICROPROCESSOR AND MICROCONTROLLER	I6612	III YEAR/ V SEM B.Sc (ELECTRONICS)	
525	DIGITAL ELECTRONICS	6512	III YEAR/V SEM	B.Sc (ELECTRONICS)
526	MICROPROCESSOR-INTEL 8085	6513	III YEAR/V SEM	B.Sc (ELECTRONICS)
527	INFORMATION TECHNOLOGY	G6513	III YEAR/V SEM	B.Sc (ELECTRONICS)

528	FUNDAMENTAL OF EMBEDDED SYSTEMS	6612	III YEAR/VI SEM	B.Sc(ELECTRONICS)
529	FUNDAMENTAL OF EMBEDDED SYSTEMS	6612P	III YEAR/VI SEM	B.Sc(ELECTRONICS)
530	MICROCONTROLLER 8051 (THEORY)	6613	III YEAR/VI SEM	B.Sc(ELECTRONICS)
531	MICROCONTROLLER 8051 (PRACTICAL)	6613P	III YEAR/ VI SEM	B.Sc.(ELECTRONICS)
532	INFORMATION TECHNOLOGY-II	G6613	III YEAR/VI SEM	B.Sc(ELECTRONICS)
533	ENGLISH-I	ELS-1	I YEAR /I SEM	BA, B.COM, BSC, BBA, BBM
534	ENVIRONMENTAL STUDIES	AECC-I	I YEAR /I SEM	BA, B.COM, BSC, BBA, BBM
535	ENGLISH-II	ELS-2	I YEAR /II SEM	BA, B.COM, BSC, BBA, BBM
536	BASIC COMPUTER SKILLS	AECC II	I YEAR /II SEM	BA, B.COM, BSC, BBA, BBM
537	ENGLISH-III	ELS-3	II YEAR /III SEM	BA, B.COM, BSC, BBA, BBM
538	PROFESSIONAL SKILLS DIFFERENT MODES OF WRITING SKILLS	SECC I SECC II	II YEAR /III SEM	BA, B.COM, BSC, BBA, BBM
539	ENGLISH-IV	ELS-4	II YEAR/ IV SEM	BA, B.COM, BSC, BBA, BBM
540	LEADERSHIP MANAGEMENT	SECC III		BA, B.COM, BSC, BBA, BBM
541	ENGLISH-V	ELS-5	III YEAR/ V SEM	BA, B.COM, BSC, BBA, BBM
542	LSRW SKILLS	GE-I		BA, B.COM, BSC, BBA, BBM

543	ENGLISH-VI	ELS-6	III YEAR/ VI SEM	BA, B.COM, BSC, BBA, BBM
544	GRAMMER	GE II	III YEAR/VI SEM	BA, B.COM, BSC, BBA, BBM
545	INTRODUCTION TO ENGLISH LANGUAGE AND LITERATURE	IDSC	I YEAR/I SEM	B.A ENGLISH
546	ENVIRONMENTAL STUDIES	AECC1	I YEAR/I SEM	B.A ENGLISH
547	ENGLISH POETRY	2DSC	I YEAR/II SEM	B.A ENGLISH
548	BASIC COMPUTER SKILLS	AECC2	I YEAR/II SEM	B.A ENGLISH
549	ENGLISH DRAMA	III DSC AND SECC1	II YEAR/III SEM	B.A ENGLISH
550	PROFESSIONAL SKILLS			B.A ENGLISH
551	DIFFERENT MODES OF WRITING IN ENGLISH	SECC2	II YEAR/III SEM	B.A ENGLISH
552	ENGLISH FICTION	SECC4	II YEAR/IV SEM	B.A ENGLISH
553	LEADERSHIP MANAGEMENT	SECC3 AND SECC4	II YEAR/IV SEM	B.A ENGLISH
554	VOCABULARY AN INTRODUCTION			B.A ENGLISH
555	ENGLISH DISCIPLINE SPECIFIC ELECTIVE (DSE) A. MODERN INDIAN LITERATURE B. WOMEN'S WRITING		III YEAR /V SEM	B.A ENGLISH
556	ENGLISH GENERIC ELECTIVE GENERIC (GE) ENGLISH FOR ACADEMIC AND PROFESSIONAL PURPOSES	GE	IIIYEAR /V SEM	B.A ENGLISH
557	ENGLISH DECIPLINE SPECIFIC ELECTIVE (DSE) A. AMERICAN LITERATURE B. CONTEMPORARY WORLD LITERATURE	VI	III YEAR/ VI SEM	B.A ENGLISH
558	PROJECT LITERARY CRITICISM AND THEORY	ENGLISH PROJECT PAPER THEORY	III YEAR/ VI SEM	B.A ENGLISH

559	THE ENGLISH LANGUAGE: HISTORY, STRUCTURE, AND DESCRIPTION	101	I YEAR/I SEM	M.A ENGLISH
560	ENGLISH POETRY	102	I YEAR/I SEM	M.A ENGLISH
561	AMERICAN LITERATURE-I	103	I YEAR/I SEM	M.A ENGLISH
562	INDIAN WRITING IN ENGLISH-I	104	I YEAR/I SEM	M.A ENGLISH
563	ENGLISH LANGUAGE TEACHING HISTORY, APPROACHES AND METHODS	201	I YEAR/ II SEM	M.A ENGLISH
564	ENGLISH DRAMA	202	I YEAR/ II SEM	M.A ENGLISH
565	AMERICAN LITERATURE-II	203	I YEAR/ II SEM	M.A ENGLISH
566	INDIAN WRITING IN ENGLISH-II	204	I YEAR/ II SEM	M.A ENGLISH
567	SEMINAR-I	116	I YEAR/ II SEM	M.A ENGLISH
568	MAJOR DEVELOPMENTS IN LANGUAGE ACQUISITIONS AND LANGUAGE LEARNING	301	II YEAR/ III SEM	M.A ENGLISH
569	ENGLISH PROSE	302	II YEAR/ III SEM	M.A ENGLISH
570	ACADEMICS WRITING AND RESEARCH METHODOLOGY	303	II YEAR/ III SEM	M.A ENGLISH
571	TWENTIETH CENTURY LITERARY CRITICISM AND THEORY	304	II YEAR/ III SEM	M.A ENGLISH
572	ENGLISH LANGUAGE CURRICULLUM DEVELOPMENT TEACHING AND EVALUATION	401	II YEAR/ IV SEM	M.A ENGLISH
573	ENGLISH FICTION	402	II YEAR/IV SEM	M.A ENGLISH
574	POST COLONIAL LITERATURE	403	II YEAR/ IV SEM	M.A ENGLISH
575	PROJECT WORK	404	II YEAR/ IV SEM	M.A EMGLISH
576	SEMINAR	405	II YEAR/ IV SEM	M.A ENGLISH
577	HISTORY OF INDIA (FROM EARLIEST TIMES TO 700 CE)	1113	II YEAR/IV SEM	B.A(HPML)
578	ENVIRONMENTAL SCIENCE	AECC- 1	I YEAR/I SEM	B.A (HPML)

579	HISTORY OF INDIA (FROM 700-1526 CE)	1213	I YEAR/II SEM	B.A(HPML)
580	BASIC COMPUTER SKILLS OR PROFESSIONAL SKILLS	AECC2	I YEAR/II SEM	B.A(HPML)
581	HISTORY OF INDIA (FROM 1526-1857CE)	1313	II YEAR/III SEM	B.A (HPML)
582	COMMUNICATION SKILL AND PROFESSIONAL SKILL	SECC1	II YEAR/III SEM	B.A(HPML)
583	HISTORICAL AND CULTURAL TOURISM	SECC2	II YEAR/III SEM	B.A(HPML)
584	HISTORY OF INDIA (FROM 1858 -1964 CE)	1413	II YEAR/IV SEM	B.A (HPML)
585	LEADERSHIP AND MANAGEMENT OR UNIVERSAL HUMAN VALUES	SECC3	II YEAR/IV SEM	B.A(HPML)
586	ANCIENT CIVILIZATIONS	SECC4	II YEAR/IV SEM	B.A(HPML)
587	A. HISTORY OF MODERN WORLD 91453TO 1964 CE) OR B. TOURISM AND CULTURE	V	III YEAR/ V SEM	B.A(HPML)
588	HISTORY OF WORLD TOURISM	GE-I	III YEAR/V SEM	B.A (HPML)
589	A. ISLAMIC HISTORY OR B. HISTORY AND CULTURE OF TELANGANA	VI	III YEAR/ VI SEM	B.A(HPML)
590	INDIAN NATIONAL MOVEMENT 1857- 1947 CE)	GE-II	III YEAR/ VI SEM	B.A(HPML)
591	DIFFERENTIAL INTEGRAL CALCULUS	6114T	I YEAR/I SEM	B.SC (MPC, MEC, MPE)
592	ENVIRONMENTAL SCIENCE	AECC1	I YEAR/I SEM	B.SC (MPC, MEC, MPE)
593	DIFFERENTIAL EQUATIONS	6214T	I YEAR/II SEM	B.SC (MPC, MEC, MPE)

594	BASIC COMPUTER SKILLS	AECC2	I YEAR/II SEM	B.SC (MPC, MEC, MPE)
595	REAL ANALYSIS	6314T	II YEAR/III SEM	B.SC (MPC, MEC, MPE)
596	COMMUNICATION SKILLS OR PROFESSIONAL SKILLS	SECC1	II YEAR/III SEM	B.SC (MPC, MEC, MPE)
597	INTRODUCTION TO KLAPLACE TRANSFORM OR COMMERCIAL MATHEMATICS	SECC2	II YEAR/III SEM	B.SC (MPC, MEC, MPE)
598	ALGEBRA	64143	II YEAR/IV SEM	B.SC (MPC, MEC, MPE)
599	LEADERSHIP AND MANAGEMENT SKILLS OR UNIVERSAL HUMAN VALUES	SECC3	II YEAR/IV SEM	B.SC (MPC, MEC, MPE)
600	PROBABILITY AND STATISTICS OR BASIC MATHEMATICS	SECC4	II YEAR/IV SEM	B.SC (MPC, MEC, MPE)
601	LINEAR ALGEBRA OR SOLID GEOMETRY	503T	III YEAR/V SEM	B.SC (MPC, MEC, MPE)
602	BASIC STATISTICS	GE1	III YEAR/V SEM	B.SC (MPC, MEC, MPE)
603	NUMERICAL ANALYSIS OR VECTOR CALCULUS	603T	III YEAR/VI SEM	B.SC (MPC, MEC, MPE)
604	NUMERICAL SYSTEM OR	GE2	III YEAR/VI SEM	B.SC (MPC, MEC, MPE)
605	OPTIONAL SUBJECT COORDINATE GEOMETRY	GE2	III YEAR/VI SEM	B.SC (MPC, MEC, MPE)
606	CERTIFICATE COURSE OF 3 MONTHS -QUANTITATIVE APTITUDE		III YEAR/VI SEM	B.SC (MPC, MEC, MPE)
607	ABSTRACT ALGEBRA	AM101	I YEAR/I SEM	M.Sc. AM
608	MATHEMATICAL ANALYSIS	AM102	I YEAR/I SEM	M.Sc. AM
609	ORDINARY AND PARTIAL DIFFERENTIAL EQUATIONS	AM103	I YEAR/I SEM	M.Sc. AM
610	MECHANICS	AM104	I YEAR/I SEM	M.Sc. AM
611	INTEGRAL TRANSFORM	AM105	I YEAR/I SEM	M.Sc. AM
612	COMMUNICATIVE ENGLISH AND SOFT SKILLS	ADD ON	I YEAR/I SEM	M.Sc. AM

613	GALOIS THEORY	AM201	I YEAR/II SEM	M.Sc. AM
614	LEBESGUE MEASURE & INTEGRATION	AM202	I YEAR/II SEM	M.Sc. AM
615	COMPLEX ANALYSIS	AM203	I YEAR/II SEM	M.Sc. AM
616	FLUID MECHANICS	AM204	I YEAR/II SEM	M.Sc. AM
617	THEORY OF ORDINARY DIFFERENTIAL EQUATIONS	AM205	I YEAR/II SEM	M.Sc. AM
618	HUMAN VALUES AND PROFESSIONAL ETHICS	ADD ON	I YEAR/II SEM	M.Sc. AM
619	FINITE DIFFERENCE METHODS	AM301	II YEAR/ III SEM	M.Sc. AM
620	VISCOUS FLOWS	AM302	II YEAR/ III SEM	M.Sc. AM
621	LINEAR ALGEBRA	AM303	II YEAR/ III SEM	M.Sc. AM
622	OPERATIONS RESEARCH	AM304A	II YEAR/ III SEM	M.Sc. AM
623	COMPRESSIBLE FLOWS	304B	II YEAR/ III SEM	M.Sc. AM
624	COMPUTATIONAL FLUID DYNAMICS	AM304C	II YEAR/ III SEM	M.Sc. AM
625	ELEMENTARY NUMBER THEORY	AM305A	II YEAR/ III SEM	M.Sc. AM
626	NUMERICAL ANALYSIS OR	AM305B	II YEAR/ III SEM	M.Sc. AM
627	TOPOLOGY	AM305C	II YEAR/ III SEM	M.Sc. AM
628	INTRODUCTION TO DIFFERENTIAL	IDE	II YEAR/ III SEM	M.Sc. AM
629	INTEGRAL EQUATIONS & CALCULUS OF VARIATIONS	AM401	II YEAR/ IV SEM	M.Sc. AM
630	FINITE ELEMENT METHODS	AM402	II YEAR/ IV SEM	M.Sc. AM
631	FUNCTIONAL ANALYSIS	AM403	II YEAR/ IV SEM	M.Sc. AM
632	MAGNETOHYDRODYNAMICS	AM404A	II YEAR/ IV SEM	M.Sc. AM
633	BIOMECHANICS	AM404B	II YEAR/ IV SEM	M.Sc. AM

634	DIFFERENTIAL GEOMETRY	AM404C	II YEAR/ IV SEM	M.Sc. AM
635	DISCRETE MATHEMATICS	AM405A	II YEAR/ IV SEM	M.Sc. AM
636	ADVANCED OPERATIONS RESEARCH	AM405B	II YEAR/ IV SEM	M.Sc. AM
637	ADVANCE COMPLEX ANALYSIS	AM405C	II YEAR/ IV SEM	M.Sc. AM
638	SEMINAR-		II YEAR/ IV SEM	M.Sc. AM
639	INTEGRATION	IDE	II YEAR/ IV SEM	M.Sc. AM
640	EVS	AECC1	I YEAR/I SEM	B.Sc. MICROBIOLOGY
641	MICROBIAL DIVERSITY	DSC	I YEAR/I SEM	B.Sc. MICROBIOLOGY
642	MICROBIAL DIVERSITY PR	DSCP	I YEAR/I SEM	B.Sc. MICROBIOLOGY
643	BASIC COMPUTER SKILLS	AECC2	I YEAR/II SEM	B.Sc. MICROBIOLOGY
644	FOOD & ENVIRONMENTAL MICROBIOLOGY	DSC	I YEAR/II SEM	B.Sc. MICROBIOLOGY
645	FOOD & ENVIRONMENTAL MICROBIOLOGY PR	DSC	I YEAR/II SEM	B.Sc. MICROBIOLOGY
646	PHARMACUETICAL	SECC1	II YEAR/III SEM	B.Sc. MICROBIOLOGY
647	FOOD ADULTERATION	SECC2	II YEAR/III SEM	B.Sc. MICROBIOLOGY
648	MEDICINAL MICROBIOLOGY & IMMUNOLOGY	DSC	II YEAR/IV SEM	B.Sc. MICROBIOLOGY
649	MEDICINAL MICROBIOLOGY & IMMUNOLOGY PR	DSCP	II YEAR/IV SEM	B.Sc. MICROBIOLOGY
650	LEADERSHIP AND MANAGEMENT SKILLS	Secc-3	II YEAR/IV SEM	B.Sc. MICROBIOLOGY
651	MUSHROOM CULTIVTION	SECC4	II YEAR/IV SEM	B.Sc. MICROBIOLOGY
652	HOSPITAL MANGEMENT	SECC4	II YEAR/IV SEM	B.Sc. MICROBIOLOGY
653	A) MOLECULAR BIOLOGY AND MICROBIAL GENETICS V OR	DSCV	III YEAR/ V SEM	B.Sc. MICROBIOLOGY

653	B) MICROBIAL OMICS V	DSCV	III YEAR/ V SEM	B.Sc. MICROBIOLOGY
654	A) PRACTICAL	DSEP	III YEAR/ V SEM	B.Sc. MICROBIOLOGY
655	B) PRACTICAL	DSEP	III YEAR/ V SEM	B.Sc. MICROBIOLOGY
656	HEAMATOLOGY		III YEAR/ V SEM	B.Sc. MICROBIOLOGY
657	A) INDUSTRIAL MICROBIOLOGY-VI OR B) PHARMACEUTICAL MICROBIOLOGY VI	DSE	III YEAR/ VI SEM	B.Sc. MICROBIOLOGY
658	A) PRACTICAL	DSEP	III YEAR/ VI SEM	B.Sc. MICROBIOLOGY
659	B) PRACTICAL	DSEP	III YEAR/ VI SEM	B.Sc. MICROBIOLOGY
660	PROJECT OR APPLIUED METHODOLOGY		III YEAR/ VI SEM	B.Sc. MICROBIOLOGY
661	GENERAL MICROBIOLOGY AND MICROBIAL PHYSIOLOGY	MB101	I YEAR/ I SEM	M.Sc. MICROBIOLOGY
662	VIROLOGY	MB102	I YEAR/ I SEM	M.Sc. MICROBIOLOGY
663	RESEARCH METHODOLOGY AND TECHNIQUES	MB103	I YEAR/ I SEM	M.Sc. MICROBIOLOGY
664	MICROBIAL BIOCHEMISTRY	MB104	I YEAR/ I SEM	M.Sc. MICROBIOLOGY
665	GENERAL MICROBIOLOGY AND MICROBIAL PHYSIOLOGY	MB151	I YEAR/ I SEM	M.Sc. MICROBIOLOGY
666	VIROLOGY	MB152	I YEAR/ I SEM	M.Sc. MICROBIOLOGY
667	RESEARCH METHODOLOGY AND TECHNIQUES	MB153	I YEAR/ I SEM	M.Sc. MICROBIOLOGY
668	MICROBIAL BIOCHEMISTRY	MB154	I YEAR/ I SEM	M.Sc. MICROBIOLOGY
669	MOLECULAR BIOLOGY AND MICROBIAL GENETICS	MB201	I YEAR/II SEM	M.Sc. MICROBIOLOGY
670	ENVIRONMENTAL AND AGRICULTURE MICROBIOLOGY	MB202	I YEAR/II SEM	M.Sc. MICROBIOLOGY
671	IMMUNOLOGY	MB203	I YEAR/II SEM	M.Sc. MICROB

672	PHARMACEUTICAL MICROBIOLOGY	MB204	I YEAR/II SEM	M.Sc. MICROBIOLOGY
673	MOLECULAR BIOLOGY AND MICROBIAL GENETICS AND IMMUNOLOGY	MB251	I YEAR/II SEM	M.Sc. MICROBIOLOGY
674	ENVIRONMENTAL AND AGRICULTURE MICROBIOLOGY	MB252	I YEAR/II SEM	M.Sc. MICROBIOLOGY
675	IMMUNOLOGY	MB253	I YEAR/II SEM	M.Sc. MICROBIOLOGY
676	PHARMACEUTICAL MICROBIOLOGY	MB254	I YEAR/II SEM	M.Sc. MICROBIOLOGY
677	FOOD MICROBIAL TECHNOLOGY	MB301	I YEAR/II SEM	M.Sc. MICROBIOLOGY
678	MEDICAL BACTERIOLOGY	MB 302	II YEAR/ III SEM	M.Sc. MICROBIOLOGY
679	ELECTIVE- I A.CELL AND MOLECULAR BIOTECHNOLOGY OR B.MICROBIAL PROTEOMICS	MB 303	II YEAR/ III SEM	M.Sc. MICROBIOLOGY
680	ELECTIVE-II A. ENTERPRENEURSHIP IN MICROBIAL SCIENCES (OR) B. APPLIEED BIOTECHNOLOGY	MB 304	II YEAR/ III SEM	M.Sc. MICROBIOLOGY
681	ENVIRONMENTAL AND AGRICULTURAL MICROBIOLOGY AND MEDICAL BACTERIOLOGY	MB 351	II YEAR/ III SEM	M.Sc. MICROBIOLOGY
682	ELECTIVE I AND ELECTIVE II	MB 352	II YEAR/ III SEM	M.Sc. MICROBIOLOGY
683	SEMINAR	MB 305	II YEAR/ III SEM	M.Sc. MICROBIOLOGY
684	FOOD MICROBIAL TECHNOLOGY	MB 401	II YEAR/ IV SEM	M.Sc. MICROBIOLOGY
685	MEDICAL VIROLOGY AND PARASITOLOGY	MB 402	II YEAR/ IV SEM	M.Sc. MICROBIOLOGY
686	ELECTIVE- III A.MICROBIAL ECOLOGY: HOST MICROBE INTERACTIONS (HMI) OR B. BIOINFORMATICS AND NANOTECHNOLOGY	MB 403	II YEAR/ IV SEM II YEAR/ IV SEM	M.Sc. MICROBIOLOGY

687	PROJECT WORK	MB 404	II YEAR/ IV SEM	M.Sc. MICROBIOLOGY
688	FOOD MICROBIAL TECHNOLOGY AND MEDICAL VIROLOGY AND PARASITOLOGY (P)	MB 451	II YEAR/ IV SEM	M.Sc. MICROBIOLOGY
689	ELECTIVE III (P)	MB 452	II YEAR/ IV SEM	M.Sc. MICROBIOLOGY
690	MICROBIAL BIOTECHNOLOGY OR BIOINFORMATICS AND NANOTECHNOLOGY(P)	MB453	II YEAR/ IV SEM	M.Sc. MICROBIOLOGY
691	APPLIED MICROBIOLOGY OR			
692	PROJECT WORK	MB454	II YEAR/ IV SEM	M.Sc. MICROBIOLOGY
693	INTRODUCTION TO FOOD & NUTRITION	101	I YEAR/ I SEM	B.Sc. NUTRITION
694	INTRODUCTION TO FOOD & NUTRITION (P)			B.Sc. NUTRITION
695	NUTRITION BIOCHEMISTRY & HUMAN PHYSIOLOGY	201	I YEAR/ II SEM	B.Sc. NUTRITION
696	NUTRITION BIOCHEMISTRY & HUMAN PHYSIOLOGY (P)			B.Sc. NUTRITION
697	NORMAL THERAPUTIC NUTRITION THEORY	301	II YEAR/III SEM	B.Sc. NUTRITION
698	NORMAL THERAPUTIC NUTRITION THEORY (P)			B.Sc. NUTRITION
699	COMMUNICATION SKILLS OR PROFESSIONAL SKILLS	SECC I	II YEAR/III SEM	B.Sc. NUTRITION
700	FOOD SERVICE MANAGEMENT OR BAKERY SCIENCE	SECC-II	II YEAR/III SEM	B.Sc. NUTRITION
701	DIET IN DISEASE THEORY	401	II YEAR/ IV SEM	B.Sc. NUTRITION
702	DIET IN DESEASE PRACTICAL		I YEAR/ IV SEM	B.Sc. NUTRITION
703	LEADERSHIP MANAGEMENT OR UNIVERSAL HUMAN VALUES	SECC-III		B.Sc. NUTRITION

704	DIET COUNSELLING SKILLS OR STRATEGIES FOR WEIGHT MANAGEMENT	SECC IV	I YEAR/ IV SEM	B.Sc. NUTRITION
705	A. CLINICAL DIETICS THEORY	501	III YEAR/V SEM	B.Sc. NUTRITION
706	A. CLINICAL DIETICS PRACTICAL		III YEAR/ V SEM	B.Sc. NUTRITION
707	B. DIET THERAPY THEORY		III YEAR/V SEM	B.Sc. NUTRITION
708	B. DIET THERAPY PRACTICAL		III YEAR/V SEM	B.Sc. NUTRITION
709	NUTRITION HEALTH AND FITNESS(THEORY)	(GE)	III YEAR/ V SEM	B.Sc. NUTRITION
710	A. PUBLIC HEALTH NUTRITION (THEORY)	601	III YEAR / VI SEM	B.Sc. NUTRITION
711	A. PUBLIC HEALTH NUTRITION (PRACTICAL)		III YEAR/ VI SEM	B.Sc. NUTRITION
712	B. COMMUNITY NUTRITION (THEORY)		III YEAR/ VI SEM	B.Sc. NUTRITION
713	B. COMMUNITY NUTRITION (PRACTICAL)		III YEAR/ VI SEM	B.Sc. NUTRITION
714	PROJECT / INTERNSHIP/ NUTRITION AND YOGA FOR HEALTH (OPTIONAL)	PR/VI	III YEAR/VI SEM	B.SC NUTRITION
715	HUMAN NUTRITION	ND101T	I YEAR/ I SEM	M.Sc.NUTRITION
716	NUTRITIONAL BIOCHEMISTRY-I	ND102T	I YEAR/I SEM	M.Sc.NUTRITION
717	HUMAN PHYSIOLOGY	ND103T	I YEAR/ I SEM	M.Sc.NUTRITION
718	PRINCIPLES OF DIETETICS	ND104T	I YEAR/I SEM	M.Sc.NUTRITION
719	HUMAN NUTRITION PR	ND105P	I YEAR/ I SEM	M.Sc.NUTRITION
720	NUTRITIONAL BIOCHEMISTRY-I PR	ND106P	I YEAR/I SEM	M.Sc.NUTRITION
721	HUMAN PHYSIOLOGY PR	ND107P	I YEAR/ I SEM	M.Sc.NUTRITION
722	PRINCIPLES OF DIETETICS PR	ND108P	I YEAR/I SEM	M.Sc.NUTRITION
723	PRINCIPLES OF FOODS	ND201T	I YEAR/ II SEM	M.Sc.NUTRITION
724	NUTRITIONAL BIOCHEMISTRY-II	ND202T	I YEAR/ II SEM	M.Sc.NUTRITION
725	RESEARCH METHODOLOGY	ND203T	I YEAR/ II SEM	M.Sc.NUTRITION
726	DIET IN DISEASE	ND204T	I YEAR/ II SEM	M.Sc.NUTRITION

727	PRINCIPLES OF FOODS PR	ND205P	I YEAR/ II SEM	M.Sc.NUTRITION
728	NUTRITIONAL BIOCHEMISTRY-II PR	ND206P	I YEAR/ II SEM	M.Sc.NUTRITION
729	RESEARCH METHODOLOGY PR	ND207P	I YEAR/ II SEM	M.Sc.NUTRITION
730	DIET IN DISEASE	ND208P	I YEAR/ II SEM	M.Sc.NUTRITION
731	COMMUNITY NUTRITION	ND301T	II YEAR/III SEM	M.Sc.NUTRITION
732	FOOD MICROBIOLOGY	ND302T	II YEAR/III SEM	M.Sc.NUTRITION
733	FOOD SERVICE MANGEMENT	ND303T	II YEAR/III SEM	M.Sc.NUTRITION
734	INSTITUTIONAL FOOD MANAGEMENT	ND303T	II YEAR/III SEM	M.Sc.NUTRITION
735	FOOD HYGINE & SANITATION	ND304T	II YEAR/III SEM	M.Sc.NUTRITION
736	COMMUNITY NUTRITION-PR	ND305P	II YEAR/III SEM	M.Sc.NUTRITION
737	FOOD MICROBIOLOGY-PR	ND306P	II YEAR/III SEM	M.Sc.NUTRITION
738	FOOD SERVICE MANGEMENT	ND307P	II YEAR/III SEM	M.Sc.NUTRITION
739	INSTITUTIONAL FOOD MANAGEMENT-PR	ND307P	II YEAR/III SEM	M.Sc.NUTRITION
740	FOOD HYGINE & SANITATION-PR	ND308P AND ND401T	II YEAR/IV SEM	M.Sc.NUTRITION
741	ADVANCED NUTRITION			M.Sc.NUTRITION
742	PEDIATRIC NUTRITION-	ND402T	II YEAR/IV SEM	M.Sc.NUTRITION
743	NUTRACEUTICAL & FUNCTIONAL FOODS-PR	ND403T	II YEAR/IV SEM	M.Sc.NUTRITION
744	GERIATRIC NUTRITION-PR	ND403T	II YEAR/IV SEM	M.Sc.NUTRITION
745	CLINICAL NUTRITION & IMMUNOLOGY-PR	ND403T	II YEAR/IV SEM	M.Sc.NUTRITION
746	DIET AND PSYCHOLOGY COUNSELLING SKILLS	ND404T	II YEAR/IV SEM	M.Sc.NUTRITION
747	NUTRITION FOR FITNESS & SPORTS-PR	ND404T	II YEAR/IV SEM	M.Sc.NUTRITION

748	MATERNAL & CHILD NUTRITION-PR	ND404T	II YEAR/IV SEM	M.Sc.NUTRITION
749	HOSPITAL INTERNSHIP IN NUTRITION AND DIETICS	ND405P	II YEAR/IV SEM	M.Sc.NUTRITION
750	INTERNSHIP CASE STUDIES PRESENTATION	ND406P AND ND407P	II YEAR/IV SEM	M.Sc.NUTRITION
751	PROJECT WORK- COLLECTION OF DATA		II YEAR/IV SEM	M.Sc.NUTRITION
752	PROJECT WORK - REPORT WRITING AND PRESENTATION OF PROJECT SEMINAR	ND408P	II YEAR/IV SEM	M.Sc.NUTRITION
753	MECHANICS	6118	I YEAR/I SEM	B.Sc. PHYSICS
754	MECHANICAL LAB	6118P	I YEAR/I SEM	B.Sc. PHYSICS
755	EVS	AECC-1	I YEAR/I SEM	B.Sc. PHYSICS
756	THERMAL PHYSICS	6219	I YEAR/I SEM	B.Sc. PHYSICS
757	THERMAL PHYSICS LAB	6218P	I YEAR/I SEM	B.Sc. PHYSICS
758	BASIC COMPUTER SKILLS	AECC2	I YEAR/II SEM	B.Sc. PHYSICS
759	ELECTRO-MAGNETIC THEORY	6318	I YEAR/II SEM	B.Sc. PHYSICS
760	ELECTRO-MAGNETIC THEORY-LAB	6318P	I YEAR/II SEM	B.Sc. PHYSICS
761	COMMUNICATION SKILLS	SECC-1	I YEAR/III SEM	B.Sc. PHYSICS
762	PROFESSIONAL SKILLS	SECC-1	I YEAR/III SEM	B.Sc. PHYSICS
763	SOLAR ENERGY & ITS COLLECTORS	SECC-2	I YEAR/III SEM	B.Sc. PHYSICS
764	STORAGE AND UTILIZATION OF SOLAR ENERGY	SECC-2	I YEAR/III SEM	B.Sc. PHYSICS
765	WAVES & OPTICS	6418	I YEAR/IV SEM	B.Sc. PHYSICS
766	OPTICS LAB	6418P	I YEAR/IV SEM	B.Sc. PHYSICS
767	LEADERSHIP AND MANAGEMENT SKILLS	SECC-3	I YEAR/IV SEM	B.Sc. PHYSICS

768	UNIVERSAL VALUES AND ETHICS	SECC-3	I YEAR/IV SEM	B.Sc. PHYSICS
769	SOLAR ENERGY	SECC-4	I YEAR/IV SEM	B.Sc. PHYSICS
770	CHEMICAL ENERGY	SECC-4	I YEAR/IV SEM	B.Sc. PHYSICS
771	MODERN PHYSICS	6518A	I YEAR/IV SEM	B.Sc. PHYSICS
772	MODERN PHYSICS LAB	6518AP	I YEAR/IV SEM	B.Sc. PHYSICS
773	COMPUTATIONAL PHYSICS	6518B	III YEAR/V SEM	B.Sc. PHYSICS
774	COMPUTATIONAL PHYSICS LAB	6518BP	III YEAR/V SEM	B.Sc. PHYSICS
775	MECHANICAL ENERGY	GE-I	III YEAR/V SEM	B.Sc. PHYSICS
776	ELECTRONICS	6618A	III YEAR/VI SEM	B.Sc. PHYSICS
777	ELECTRONICS LAB	6618AP	III YEAR/VI SEM	B.Sc. PHYSICS
778	APPLIED OPTICS	6618B	III YEAR/VI SEM	B.Sc. PHYSICS
779	APPLIED OPTICS LAB	6618BP	III YEAR/VI SEM	B.Sc. PHYSICS
780	GEOHERMAL ENERGY	GE-2	III YEAR/VI SEM	B.Sc. PHYSICS
781	UNDERSTANDING POLITICAL THEORY	I DSC	I YEAR/ I SEM	B.A POLITICAL SCIENCE
782	EVS	AECC-1	I YEAR/ I SEM	B.A POLITICAL SCIENCE
783	WESTERN POLITICAL SCIENCE	II DSC	I YEAR/ II SEM	B.A POLITICAL SCIENCE
784	BASIC COMPUTER SKILLS	AECC-2	I YEAR/ II SEM	B.A POLITICAL SCIENCE
785	INDIAN POLITICAL THOUGHT	III DSC	II YEAR/ III SEM	B.A POLITICAL SCIENCE
786	COMMUNICATION SKILLS OR PROFESSIONAL SKILLS	SECC-1	II YEAR/ III SEM	B.A POLITICAL SCIENCE
787	EMANCIPATION OF WOMEN	SECC2	II YEAR/ III SEM	B.A POLITICAL SCIENCE
788	CASTE SYSTEM IN INDIA	SECC-2	II YEAR/ IIISEM	B.A POLITICAL SCIENCE
789	CONSTITUTION AND POLITICS OF INDIA	IV DSC	II YEAR/ IV SEM	B.A POLITICAL SCIENCE

790	LEADERSHIP AND MANAGEMENT SKILLS OR HUMAN VALUES	SECC-3	II YEAR/ IV SEM	B.A POLITICAL SCIENCE
791	INDIAN FREEDOM MOVEMENT	SECC-4	II YEAR/ IV SEM	B.A POLITICAL SCIENCE
792	INDIAN CONSTITUTION	SECC-4	II YEAR/ IV SEM	B.A POLITICAL SCIENCE
793	INTERNATIONAL RELATIONS	OPTIONAL	III YEAR/ V SEM	B.A POLITICAL SCIENCE
794	ORGANS OF THE GOVERNMENT	GE-I	III YEAR /V SEM	B.A POLITICAL SCIENCE
795	GLOBAL POLITICS	DSC-VI	III YEAR/VI SEM	B.A POLITICAL SCIENCE
796	WOMEN STUDIES AN INTRODUCTION	GE-II	III YEAR/VI SEM	B.A POLITICAL SCIENCE
797	BASICS OF PUBLIC ADMINISTRATI ON	DSC I	I YEAR/I SEM	B.A PUBLIC ADMINISTRATION
798	EVS	AECC-1	I YEAR/I SEM	B.A PUBLIC ADMINISTRATION
799	PRINCIPLES & EMERGING TRENDS	DSC II	I YEAR/II SEM	B.A PUBLIC ADMINISTRATION
780	BASIC COMPUTER SKILLS	AECC-2	I YEAR/II SEM	B.A PUBLIC ADMINISTRATION
801	INDIAN ADMINISTRATI ON-UNION GOVT.	DSC III	I YEAR/II SEM	B.A PUBLIC ADMINISTRATION
802	COMMUNICATI ON SKILLS OR PROFESSIONAL SKILLS	SECC-1	II YEAR/III SEM	B.A PUBLIC ADMINISTRATION
803	LOCAL SELF GOVT.	SECC-2	II YEAR/III SEM	B.A PUBLIC ADMINISTRATION
804	STATE ADMINISTRATI	DSC IV	II YEAR/III SEM	B.A PUBLIC ADMINISTRATION

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	ON			
805	LEADERSHIP AND MANAGEMENT SKILLS OR UNIVERSAL HUMAN VALUES	SECC-3	II YEAR/IV SEM	B.A PUBLIC ADMINISTRATION
806	TREND IN LOCAL GOVERNENCE- RURAL GOVERNMENT OR URBAN GOVERNMENT	SECC-4	II YEAR/IV SEM	B.A PUBLIC ADMINISTRATION
807	HUMAN RESOURCES MANAGEMENT	DSC V	III YEAR/V SEM	B.A PUBLIC ADMINISTRATION
808	SOCIAL REFORM MOVEMENT IN INDIA	GE-1	III YEAR/V SEM	B.A PUBLIC ADMINISTRATION
809	FINANCIAL MANAGEMENT & MATERIAL MANAGEMENT	DSCVI	IIIYEAR/VI SEM	B.A PUBLIC ADMINISTRATION
810	TELANGANA MOVEMENT	GE-2	III YEAR/VI SEM	B.A PUBLIC ADMINISTRATION
811	ANIMAL DIVERSITY		I YEAR/I SEM	B.Sc. Zoology (BZC, NZC)
812	INVERTEBRATES	ND404T	I YEAR/I SEM	B.Sc. Zoology (BZC, NZC)
813	ANIMAL DIVERSITY	ND404T	I YEAR/I SEM	B.Sc. Zoology (BZC, NZC)
814	INVERTEBRATES PR	ND405P	I YEAR/I SEM	B.Sc. Zoology (BZC, NZC)
815	EVS	ND406P	I YEAR/I SEM	B.Sc. Zoology (BZC, NZC)
816	ECOLOGY, ZOOGEOGRAPHY AND ANIMAL BEHAVIOUR	ND407P	I YEAR/II SEM	B.Sc. Zoology (BZC, NZC)
817	ECOLOGY, ZOOGEOGRAPHY AND ANIMAL BEHAVIOUR PR	ND408P	I YEAR/II SEM	B.Sc. Zoology (BZC, NZC)
818	BASIC COMPUTER SKILLS		I YEAR/ II SEM	B.Sc. Zoology (BZC, NZC)
819	ANIMAL	6118	I YEAR/ II SEM	B.Sc. Zoology

	PHYSIOLOGY		SEM	(BZC, NZC)
820	ANIMAL PHYSIOLOGY PR	6118P	II YEAR/III SEM	B.Sc. Zoology (BZC, NZC)
821	COMMUNICATION SKILLS OR PROFESSIONAL SKILLS	A6118	II YEAR/IISEM	B.Sc. Zoology (BZC, NZC)
822	VECTORS	6218	II YEAR/III SEM	B.Sc. Zoology (BZC, NZC)
823	VERMICULTURE	6218P	II YEAR/III SEM	B.Sc. Zoology (BZC, NZC)
824	CELL BIOLOGY- GENETICS & EVOLUTION	16218	II YEAR/ IV SEM	B.Sc. Zoology (BZC, NZC)
825	CELL BIOLOGY- GENETICS & EVOLUTION PR		II YEAR/ IV SEM	B.Sc. Zoology (BZC, NZC)
	LEADERSHIP AND MANAGEMENT	6318		B.Sc. Zoology (BZC, NZC)
826	SKILLS OR UNIVERSAL HUMAN VALUES		II YEAR/ IV SEM	
827	BIOCHEMISTRY & ENDOCRINOLO GY	V	III YEAR/V SEM	B.Sc. Zoology (BZC, NZC)
828	BIOCHEMISTRY & ENDOCRINOLO GY-PR	V	III YEAR/V SEM	B.Sc. Zoology (BZC, NZC)
829	LABORATORY ANIMALS MAINTAINANCE & APPLICATION	V	III YEAR/V SEM	B.Sc. Zoology (BZC, NZC)
830	LABORATORY ANIMALS MAINTAINANCE & APPLICATION- PR	V	III YEAR/V SEM	B.Sc. Zoology (BZC, NZC)
831	APICULTURE	V	III YEAR/V SEM	B.Sc. Zoology (BZC, NZC)
832	PREVENTIVE MEDICINES	V	III YEAR/V SEM	B.Sc. Zoology (BZC, NZC)
833	FISHERIES & LIMNOLOGY	VI	III YEAR/ VI SEM	B.Sc. Zoology (BZC, NZC)
834	FISHERIES & LIMNOLOGY PR	VI	III YEAR/ VI SEM	B.Sc. Zoology (BZC, NZC)
835	IMMUNOLOGY & BIOTECHNOLOG Y	VI	III YEAR/ VI SEM	B.Sc. Zoology (BZC, NZC)

836	IMMUNOLOGY & BIOTECHNOLOGY-PR	VI	III YEAR/ VI SEM	B.Sc. Zoology (BZC, NZC)
837	PROJECT OR ADVANCED CHEMISTRY	VI	III YEAR/ VI SEM	B.Sc. Zoology (BZC, NZC)
838	HINDI-I	SL0101	I YEAR /I SEM	BA,B.COM, B.SC BBA, BBM
839	HINDI-II	SL0102	I YEAR /II SEM	BA,B.COM, B.SC BBA, BBM
840	HINDI-III	SL0103	IIYEAR /III SEM	BA,B.COM, B.SC BBA, BBM
841	HINDI-IV	SL0104	IIYEAR /IV SEM	BA,B.COM, B.SC BBA, BBM
842	HINDI-V	SL0105	III YEAR /VSEM	BA,B.COM, B.SC BBA, BBM
843	HINDI-IV	SL0106	III YEAR /VI SEM	BA,B.COM, B.SC BBA, BBM
844	TELUGU -I	SL0101	I YEAR /I SEM	BA,B.COM, B.SC BBA, BBM
845	TELUGU -II	SL0201	I YEAR /II SEM	BA,B.COM, B.SC BBA, BBM
846	TELUGU -III	SL0301	IIYEAR /III SEM	BA,B.COM, B.SC BBA, BBM
847	TELUGU -IV	SL0401	IIYEAR /IV SEM	BA,B.COM, B.SC BBA, BBM
848	TELUGU -V	SL0501	III YEAR /VSEM	BA,B.COM, B.SC BBA, BBM
849	TELUGU -VI	SL0601	III YEAR /VI SEM	BA,B.COM, B.SC BBA, BBM
850	ENVIRONMENTAL SCIENCE /BASIC COMPUTERS SKILLS	AECC-1	I YEAR/I SEM	B.A
851	GENERAL PSYCHOLOGY	DSC 101	I YEAR/I SEM	B.A
852	BASIC COMPUTER SKILLS /ENVIRONMENTAL SCIENCE	AECC-2	I YEAR/II SEM	B.A
853	PERSONALITY THEORIES AND ASSESSMENT	DSC201	I YEAR/II SEM	B.A
854	LIFE SKILLS	SEC-1	IIYEAR/ III SEM	B.A
855	PSYCHOLOGY	SEC-2	II YEAR/ III	B.A

	IN PROFESSIONAL SETTINGS		SEM	
856	SOCIAL PSYCHOLOGY	DSC (301 T)	II YEAR/ III SEM	B.A
857	EXPERIMENTAL PSYCHOLOGY	DSC (301 P)	II YEAR / IIISEM	B.A
858	STRESS MANAGEMENT AND WELL BEING	SEC-3	II YEAR/IV SEM	B.A
859	HEALTH BEHAVIOUR AND LIFESTYLES	SEC-4	II YEAR/IV SEM	B.A
860	ABNORMAL PSYCHOLOGY	DSC (401T)	II YEAR/IV SEM	B.A
861	EXPERIMENTAL IN BEHAVIOURAL PHENOMENA	DSC (401P)	II YEAR/IV SEM	B.A
862	PSYCHOLOGICAL COMPETENCIES	GE	IIYEAR/ III SEM	B.A
863	CHILD PSYCHOLOGY OR EDUCATIONAL PSYCHOLOGY	DSE 501T	II YEAR/ III SEM	B.A
864	PSYCHOLOGICAL TESTING	DSE501P	II YEAR/ III SEM	B.A
865	RESEARCH IN PSYCHOLOGY AND PROJECT WORK	PR	II YEAR / IIISEM	B.A
866	ADOLESCENT PSYCHOLOGY OR HEALTH PSYCHOLOGY	DSE601T	II YEAR/IV SEM	B.A
867	PSYCHOLOGICAL ASSESSMENT	DSE601P	II YEAR/IV SEM	B.A
868	PSYCHOLOGICAL COMPETENCIES	GE	II YEAR/IV SEM	B.A
869	URDU-I	SL0102	I YEAR /I SEM	BA,B.COM, B.SC BBA, BBM
870	URDU-II	SL0202	I YEAR /II SEM	BA,B.COM, B.SC BBA, BBM
871	URDU-III	SL0302	IIYEAR /III SEM	BA,B.COM, B.SC BBA, BBM
872	URDU-IV	SL0402	IIYEAR /IV SEM	BA,B.COM, B.SC BBA, BBM
873	URDU-V	SL0502	III YEAR /VSEM	BA,B.COM, B.SC BBA, BBM
874	URDU-VI	SL0602	III YEAR /VI SEM	BA,B.COM, B.SC BBA, BBM

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ANWARUL ULOOM COLLEGE, MALLEPALLY, HYDERABAD.TS

(An Autonomous Muslim Minority Institution Affiliated To Osmania University)

Bachelor Of Arts, Commerce, Science & Business Administration

DEPARTMENT OF ARABIC

(Second Language)

Under Graduate I, II & III Year (CBCS)

Approved Syllabus for the Academic Year 2023 – 2024

COURSE STRUCTURE

S.NO	YEAR	SEMESTER	PAPER TITLE	TEACHING HOURS/ WEEK	UNITS	CREDITS	INTERNAL MARKS	END SEMESTER MARKS	TOTAL marks
1	I Year	I	Arabic – I Annasural Qadeem Annasrul Jadeed, Qavaeed, Tariqual Adabul Arabi. (Arabic Sec.Language)	4	4	4	20	80	100
2			Environmental Studies (AECC –I)	2	2	2	-	50	50
3	I Year	II	Arabic – II Annasrul Qadeem, Annasrul Jadeed, Qaveed Tariqual Adabul Arabi (Arabic Sec. Language)	4	4	4	20	80	100
4			Basic Computer Skills(AECC – II)	2	2	2	-	50	50
5	II Year	III	Arabic – III Annasrul Qadeem, Annasrul Jadeed, Qava eed, Tariqual Adabul Arabi.(Arabic Second Language)	3	3	3	20	80	100
6			Advance Grammar, Information Technology & Functional Arabic. (SECC II)	2	2	2	-	50	50
7	II	IV	ARABIC IV Annasrul Qadeem, Annasrul Jadeed , Qavaeed , Tariqual Adabul Arabi. (Sec.Lang.Arabic)	4	4	4	20	80	100


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8			Advance Grammar, Information Technology & Functional Arabic (SECC III & IV)	2	2	2	-	50	50
9	III Year	V	Arabic – V Annasrul Qadeem, Jadeed, Translation, Al Shair, Tariqul Adabul Arabi (Sec. Language Arabic)	3	3	3	20	80	100
10			GE I	2	2	2	-	50	50
11	III Year	VI	Arabic – VI Qismu al Shair Compositions and History of Arabic literature. (Sec.Lang. Arabic)	3	3	3	20	80	100
12			G.E II.	2	2	2	-	50	50

- AECC : Ability Enhancement Compulsory Course.
- SECC : Skill Enhancement Compulsory Course.
- IDE : Inter Disciplinary Course.
- G.E : Generic Elective.

S. J. Bull

VC Nominee

Chairperson
Board of Studies,
Dept. of Arabic, UCASS
Osmania University, Hyd-7 (TS)

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New Mallepally, Hyderabad.

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DEPT. OF ARABIC
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad.

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Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad-01.

Anwarul Uloom College (Autonomous)
Department of Biotechnology
B. Sc (Bt. M. C)
Subject: BIOTECHNOLOGY (2023 - 2024)

Year	Sem	Paper / Title	Teaching Hours /Week	Units	Credits	Marks			
						Internal Assessment	Semester	Total	
1 st Year 2023- 2024	I	Cell Biology & Genetics -Theory	4	4	4	20	80		
		Cell biology & Genetics -Practical	3	-	2	-	50		
		Environmental science (AECC-I)	2	-	2	-	50		
	II	Nucleic acids & Biochemistry Theory	4	4	4	20	80	100	
		Nucleic Acids & Biochemistry -Practical	3	-	2	-	50		
		Basic Computer Skills (AECC-II)	2	-	2	-	50		
2 nd Year 2022 - 2023	III	Molecular biology & rDna Technology -- Theory	4	4	4	20	80	100	
		Molecular biology & rDna Technology -- Practical	3	-	1	-	50		
		A) Communication Skills or B) Professional Skills (SECC I)	2	2	2	-	50		
	IV	A) Industrial fermentation or B) Immunological techniques (SECC - II)	2	2	2	-	50		
		Biostatistics & Bioinformatics Theory	4	4	4	20	80	100	
		Biostatistics & Bioinformatics Practical	3	-	1	-	50		
		A) Leadership and Management Skills or B) Universal and Human Values (SECC- III)	2	2	2	-	50		
	3 rd Year 2021 - 2022	V	A) Molecular markers in plant breeding or B) Drug designing (SECC- IV)	2	2	2	-	50	
			Elective - A) Plant biotechnology- Theory	4	4	4	20	80	100
			Elective - A) Plant biotechnology - Practical	3	-	1	-	50	
Elective - B) Medical biotechnology - Theory			4	4	4	20	80	100	
Elective - B) Medical biotechnology - Practical			2	-	1	-	50		
VI		Basics in biotechnology - (GE- I)	4	4	4	-	100	100	
		Elective - A) Animal biotechnology - Theory	4	4	4	20	80	100	
		Animal biotechnology - Practical	3	-	1	-	50		
		Elective - B) Environmental biotechnology - Theory	4	4	4	20	80	100	
Environmental biotechnology - Practical	3	-	1	-	50				
Research methodology/ project			4	-	100	100			

- AECC – Ability Enhancement Compulsory Course
- SECC – Skill Enhancement Compulsory Course
- GE – Generic Electives

Neelofar
SMITA C. PAWAR
 Department of Genetics
 Osmania University
 Hyderabad-500 002, T.S. India.

Prof. II. SUREKHARANI
 Department of Genetics & Biotechnology,
 Osmania University, Hyderabad-500 002, T.S. India.

Principal
PRINCIPAL
 Head of the College (Autonomous)
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad-01.
 New Mallepally, Hyderabad-T.S. India.

COORDINATOR
 Internal Quality Assurance Cell
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad.

ANWARUL ULOOM COLLEGE (AUTONOMOUS)
M.SC. BIOTECHNOLOGY
II YEAR (2023-2024)
CHOICE BASED CREDIT SYSTEM (CBCS)

COURSE STRUCTURE FOR INSTRUCTION & EXAMINATION
(Proposed Scheme for academic year 2023-2024 onwards)

SEMESTER III							
S. No	Syllabus Ref. No	Subjects	Credits	Teaching Hours/ Week	Marks		
					Internal Assessment	Semester Exam	Total
THEORY							
1.	BT301T	Recombinant DNA Technology	3	4	30	70	100
2.	BT302T	Bioinformatics and Its Applications	3	4	30	70	100
3.	BT303T	Elective: A. Advance in Plant Biotechnology (or) B. Food Biotechnology	3	4	30	70	100
4.	BT304T	Elective: A. Animal Biotechnology (or) B. Protein Engineering	3	4	30	70	100
PRACTICALS							
1.	BT351P	Recombinant DNA Technology	2	4		50	50
2.	BT352P	Bioinformatics and Its Applications	2	4		50	50
3.	BT353P	Elective: A. Advance in Plant Biotechnology (or) B. Food Biotechnology	1	4		50	50
4.	BT354P	Elective: A. Animal Biotechnology (or) B. Protein Engineering	1	4		50	50
5.		Seminars	2				
		Total	20	32	120	480	600

[Signature]

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 Anwarul Uloom College (Autonomous)
 New Malleshpally, Hyderabad-T.S. India

[Signature]
HEAD
 Department of Genetics
 Osmania University, Hyd-7

[Signature]
PRINCIPAL
 Prof. SMITAS RAWAR
 Department of Genetics
 Anwarul Uloom College (Autonomous)
 New Malleshpally, Hyderabad-01.

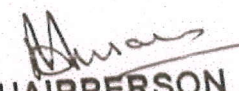
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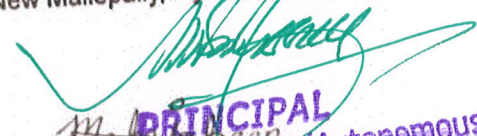
Internal Quality Assurance Cell
 Anwarul Uloom College (Autonomous)
 New Malleshpally, Hyderabad.

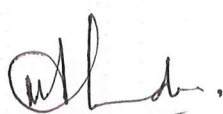
ANWARUL ULOOM COLLEGE (Autonomous)
M.Sc. BIOTECHNOLOGY SYLLABUS (2023-2024)
CHOICE BASED CREDIT SYSTEM (CBCS)

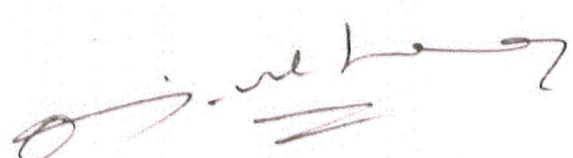
SEMESTER IV							
S. No	Syllabus Ref. No	Subjects	Credits	Teaching Hours/Week	Marks		
					Internal Assessment	Semester Exam	Total
THEORY							
1.	BT401T	Bioprocess Engineering	3	4	30	70	100
2.	BT402T	Medical Biotechnology	3	4	30	70	100
3.	BT403T	Elective III: A. Environmental Biotechnology/ B. Biopharmacology	3	4	30	70	100
4.	BT404T	Project Work	3	4	30	70	100
PRACTICALS							
1.	BT451P	Bioprocess Engineering	2	4	-	50	50
2.	BT452P	Medical Biotechnology	2	4	-	50	50
3.	BT453P	Elective I: A. Environmental Biotechnology/ B. Biopharmacology	2	4	-	50	50
4.	BT354P	Project Thesis Presentation	2	4	-	50	50
		Total	20	32			600

Note: T-Theory, P-Practical


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 New Mallepally, Hyderabad-T.S. India.


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 New Mallepally, Hyderabad.


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 New Mallepally, Hyderabad.




**ANWARUL ULOOM COLLEGE
(AUTONOMOUS)**

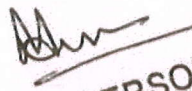
M.Sc. BIOTECHNOLOGY SYLLABUS (2023 – 2024)

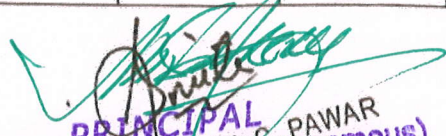
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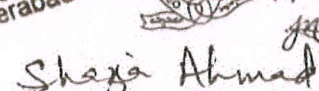
SEMESTER - I							
S. No	Syllabus Ref. No	Subjects	Credits	Teaching Hours/ Week	Marks		
					Internal Assessment	Semester Exam	Total
THEORY							
1.	BT101T	Cell Biology & Genetics	3	4	50	50	100
2.	BT102T	Biological Chemistry	3	4	50	50	100
3.	BT103T	Microbiology	3	4	50	50	100
4.	BT104T	Statistics, laboratory management & safety, entrepreneurship	3	4	50	50	100
PRACTICALS							
1.	BT151P	Cell Biology & Genetics	2	4			50
2.	BT152P	Biological Chemistry	2	4			50
3.	BT153P	Microbiology	2	4			50
4.	BT154P	Biostatistics	2	4			50
		Total	20	32			600

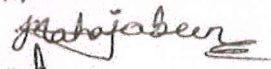
SEMESTER - II							
S. No	Syllabus Ref. No	Subjects	Credits	Teaching Hours/ Week	Marks		
					Internal Assessment	Semester Exam	Total
THEORY							
1.	BT201T	Molecular Biology – The Genome	3	4	50	50	100
2.	BT202T	Molecular Biology – Genes to Proteins	3	4	50	50	100
3.	BT203T	Immunology	3	4	50	50	100
4.	BT204T	Microbial Technology	3	4	50	50	100
PRACTICALS							
1.	BT151P	Molecular Biology – The Genome	2	4			50
2.	BT152P	Molecular Biology – Genes to Proteins	2	4			50
3.	BT153P	Immunology	2	4			50
4.	BT154P	Microbial Technology	2	4			50
		Total	20	32			600


HEAD
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 Osmania University, Hyd-7.
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CHAIRPERSON
 BOARD OF STUDIES
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 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad-T.S.


PRINCIPAL
 ANWARUL ULOOM COLLEGE (AUTONOMOUS)
 Department of Genetics
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 Hyderabad-500 007. T.S.


 Sheza Ahmad


 Mahajaber



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Proposed CBCS Common Core Scheme For B.Sc. Course

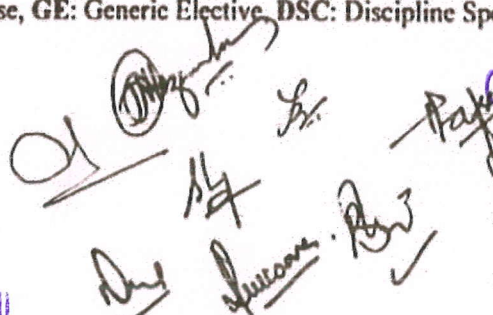
OPTIONAL -I: BOTANY

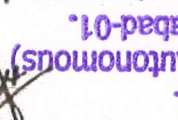
Code	Paper title	Course type	HPW	Credits
First Year		Semester I		
BS 104	Paper I: Microbial diversity and lower plants	DSC-1A	4T+2P=6	4+1=5
First Year		Semester II		
BS 204	Paper II: Gymnosperms, Taxonomy of Angiosperms & Ecology	DSC-1B	4T+2P=6	4+1=5
Second Year		Semester III		
BS 301	SEC-1: Nursery & Gardening	SEC 1	2	2
BS 302	SEC-2: Biofertilizers & Organic Farming	SEC 2	2	2
BS 303	Paper III: Anatomy & Embryology	DSC- IC	4T+2P=6	4+1=5
Second Year		Semester IV		
BS 401	SEC-3: Greenhouse technology	SEC 3	2	2
BS 402	SEC-4: Mushroom Culture technology	SEC 4	2	2
BS 403	Paper IV: Cell Biology, Genetics & Plant physiology	DSC -ID	4T+2P=6	4+1=5
Third-Year		Semester V		
BS 501	GE -1: Industrial Microbiology	GE 1	4T	4
BS 502	DSE 1A: Biodiversity & Conservation DSE 1B: Economic Botany DSE 1C: Seed technology	DSE 1A/ DSE 1B/ DSE 1C	4T+2P=6	4+1=5
Third-Year		Semester VI		
BS 601	DSE 3: Project	Project	4	4
BS 602	DSE 2A: Plant molecular biology DSE 2B: Tissue Culture & Biotechnology DSE 1C: Analytical techniques in plant science	DSE 2A/ DSE 2B/ DSE 2C	4T+2P=6	4+1=5


SEC: Skill Enhancement Course, GE: Generic Elective, DSC: Discipline Specific Core, DSE: Discipline Specific Elective.


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PRINCIPAL



ANWARUL ULOOM COLLEGE (AUTONOMOUS)
DEPARTMENT OF BOTANY
M.Sc. BOTANY (CBCS)
New Syllabus (Effective from Academic Year 2023-2024)
Course Structure
Proposed Scheme

SEMESTER-I				SEMESTER-II				SEMESTER-III				SEMESTER-IV			
Course	Hr/ Wk	Cre dits	Marks	Course	Hr/ Wk	Cre dits	Marks	Course	Hr/ Wk	Cre dits	Marks	Course	Hr/ Wk	Cre dits	Marks
CORE 1 MBOT.CC.T.1.101	3	3	50+50	CORE 1 MBOT.CC.T.1.201	3	3	50+50	CORE 1 MBOT.CC.T.2.301	3	3	30+70	CORE 1 MBOT.CC.T.2.401	3	3	30+70
CORE 2 MBOT.CC.T.1.102	3	3	50+50	CORE 2 MBOT.CC.T.1.202	3	3	50+50	CORE 2 MBOT.CC.T.2.302	3	3	30+70	CORE 2 MBOT.CC.T.2.402	3	3	30+70
CORE 3 MBOT.CC.T.1.103	3	3	50+50	CORE 3 MBOT.CC.T.1.203	3	3	50+50	ELECTIVE-I MBOT.CC.T.2.303	3	3	30+70	ELECTIVE-I MBOT.CC.T.2.403	3	3	30+70
CORE 4 MBOT.CC.T.1.104	3	3	50+50	CORE 4 MBOT.CC.T.1.204	3	3	50+50	ELECTIVE-II MBOT.CC.T.2.304	3	3	30+70				
CORE 1 Practical MBOT.CC.T.1.105	4	2	50	CORE 1 Practical MBOT.CC.T.1.205	4	2	50	CORE 1 Practical MBOT.CC.T.2.305	4	2	50	CORE 1 Practical MBOT.CC.T.2.405	4	2	50
CORE 2 Practical MBOT.CC.T.1.106	4	2	50	CORE 2 Practical MBOT.CC.T.1.206	4	2	50	CORE 2 Practical MBOT.CC.T.2.306	4	2	50	CORE 2 Practical MBOT.CC.T.2.406	4	2	50
CORE 3 Practical MBOT.CC.T.1.107	4	2	50	CORE 3 Practical MBOT.CC.T.1.207	4	2	50	ELECTIVE-I Practical MBOT.CC.T.2.307	4	1	50	ELECTIVE-I Practical MBOT.CC.T.2.407	4	1	50
CORE 4 Practical MBOT.CC.T.1.108	4	2	50	CORE 4 Practical MBOT.CC.T.1.208	4	2	50	ELECTIVE-II Practical MBOT.CC.T.2.308	4	1	50	PROJECT MBOT.CC.T.2.408	4	6	150
Seminar	2	0		Seminar	2	1		Seminar	2	1		Seminar	2	2	
Total		20	600	Total		21	600	Total		19	600	Total		20	600


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(Effective from Academic Year 2023-2024)

M.Sc Botany Marks distribution

Semester I

Paper	Title	Theory/ Practical Week	Credits	Max Marks Theory & Practicals
I.	Phycology & Mycology Theory & Practicals	3 Hrs 4 Hrs	3 2	50 External + 50 Internal = 100 PR: 50
II.	Bryophyta & Pteridophyta Theory & Practicals	3 Hrs 4 Hrs	3 2	50 External + 50 Internal = 100 PR: 50
III.	Angiosperm Systematics Theory & Practicals	3 Hrs 4 Hrs	3 2	50 External + 50 Internal = 100 PR: 50
IV.	Plant Biochemistry Theory & Practicals	3 Hrs 4 Hrs	3 2	50 External + 50 Internal = 100 PR: 50
V.	Seminar	2 Hrs		
Total			20	600

Semester II

Paper	Title	Theory/ Practical Week	Credits	Max Marks Theory & Practicals
I.	Phycology & Mycology Theory & Practicals	3 Hrs 4 Hrs	3 2	50 External + 50 Internal = 100 PR: 50
II.	Gymnosperms & Embryology Theory & Practicals	3 Hrs 4 Hrs	3 2	50 External + 50 Internal = 100 PR: 50
III.	Plant Anatomy & Palynology Theory & Practicals	3 Hrs 4 Hrs	3 2	50 External + 50 Internal = 100 PR: 50
IV.	Plant Physiology Theory & Practicals	3 Hrs 4 Hrs	3 2	50 External + 50 Internal = 100 PR: 50
V.	Seminars	2 Hrs	2	20
VI.	Total		20	600

[Signature]
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Department of Botany M.Sc Botany Course structure (Effective from Academic Year 2023-2024)

Semester III

Paper	Title	Theory/ Practical Week	Credits	Max Marks Theory & Practicals
I.	Cell Biology, Genetics & Statistics Theory & Practical	3 Hrs 2 Hrs	3 2	70 External + 30 Internal = 100 PR: 50
II.	Environmental Pollution & Protection Theory & Practical	3 Hrs 2 Hrs	3 2	70 External + 30 Internal = 100 PR: 50
III.	Elective I – (A/B/C/D/E/F)	3 Hrs 2 Hrs	3 2	70 External + 30 Internal = 100 PR: 50
IV.	Elective II – (A/B/C/D/E/F)	3 Hrs 2 Hrs	3 2	70 External + 30 Internal = 100 PR: 50
V.	Seminar	2 Hrs		
VI.	Total		20 Credits	Total = 600

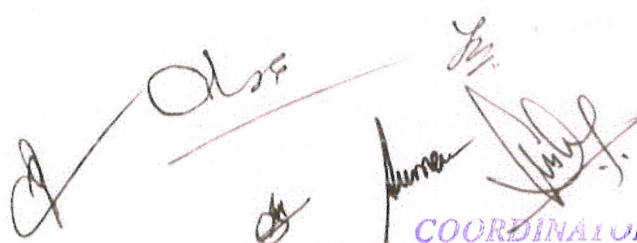
Semester III Electives

Semester-III, Elective I (A/B/C/D/E/F)	Semester III, Elective II A/B/C/D/E/F)
A. Molecular Genetics	Plant Tissue Culture and Biotechnology
B. Carbon and Nitrogen assimilation and crop productivity	Phytohormones and Plant Development
C. Plant-Pathogen Interactions and Plant Diseases	Biofertilizers, Biopesticides and Mushroom Cultivation
D. Phytogeography and Plant Systematics	Plant Biodiversity and Conservation
E. Actinopalynology and Palynotaxonomy	Melissopalynology and Forensic Palynology
F. Medicinal Botany and Phytochemistry	Cultivation and Post-Harvest Technology of Medicinal and Aromatic Plants


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Department of Botany M.Sc Botany Course structure (Effective from Academic Year 2023-2024)





Semester IV


Paper	Title	Theory/ Practical Week	Unit	Max Marks Theory & Practicals
I.	Recombination DNA Technology Theory & Practical	3 Hrs 2 Hrs	3 2	70 External + 30 Internal = 100 PR: 50
II.	Plant Ecology, Biodiversity and Conservation Biology Theory & Practical	3 Hrs 2 Hrs	3 2	70 External + 30 Internal = 100 PR: 50
III.	Horticulture and Plant Breeding Theory & Practical	3 Hrs 2 Hrs	3 2	70 External + 30 Internal = 100 PR: 50
IV.	Project Work		5	100+50= 150 Presentation & Viva
V.	Total		20 Credits	Total = 600

Semester IV Electives

Semester -IV	Elective III (A/B/C/D/E/F)
A	Horticulture and Plant Breeding
B	Stress Physiology
C	Molecular Plant Pathology and Disease Management
D	Seed Technology and Nursery Management
E	Aerobiology and Paleopalynology
F	Pharmacognosy of Medicinal Plants


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**B.COM (General)
CBCS COURSE STRUCTURE
w.e.f. (2021-2024) Batch**

Sl.No	Code	Course Title	Sem Exam	IA	Total	TIIPW	Exam Hrs	Credits
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
FIRST YEAR: SEMESTER – I (2021-2022)								
1.	ELS1	English (First Language)	80	20	100	4	3	4
2.	SLS1	Second Language (HUTA)	80	20	100	4	3	4
3.	AECC-1	a) Environmental Science-(OR) b) Basic Computer Skills	50	-	50	2	2	2
4.	DSC101	Financial Accounting-I	80	20	100	5	3	5
5.	DSC102	Business Organization and Management	80	20	100	5	3	5
6.	DSC103	Foreign Trade	80	20	100	5	3	5
		Total				25		25
SEMESTER – II								
7.	ELS2	English (First Language)	80	20	100	4	3	4
8.	SLS2	Second Language (HUTA)	80	20	100	4	3	4
9.	AECC-2	a) Basic Computer Skills-(OR) b) Environmental Science	50	-	50	2	2	2
10.	DSC201	Financial Accounting-II	80	20	100	5	3	5
11.	DSC202	Business Laws	80	20	100	5	3	5
12.	DSC203	Banking and Financial Services	80	20	100	5	3	5
		Total				25		25
SECOND YEAR: SEMESTER – III- (2022-2023)								
13.	ELS3	English (First Language)	80	20	100	3	3	3
14.	SLS3	Second Language (HUTA)	80	20	100	3	3	3
15.	SEC-1 (UGC Specified Course)	a) Communication Skills-(OR) b) Professional Skills	50	-	50	2	2	2
16.	SEC-2 (Dept Specified Course)	a) Principles of Insurance-(OR) b) Foundation of Digital Marketing & Web Design	50	-	50	2	2	2
17.	DSC301	Advanced Accounting	80	20	100	5	3	5
18.	DSC302	Business Statistics-I	80	20	100	5	3	5
19.	DSC303	Corporate Accounting	80	20	100	5	3	5
		Total				25		25
SEMESTER – IV								
20.	ELS4	English (First Language)	80	20	100	3	3	3
21.	SLS4	Second Language (HUTA)	80	20	100	3	3	3
22.	SEC-3 (UGC Specified Course)	a) Leadership & Management Skills b) Universal Human Values	50	-	50	2	2	2
23.	SEC-4 (Dept Specified Course)	a) Practice of Life and General Insurance-(OR) b) Social Media Marketing Search Engine Optimization & Online Advertising	50	-	50	2	2	2
24.	DSC401	Income Tax	80	20	100	5	3	5
25.	DSC402	Business Statistics-II	80	20	100	5	3	5
26.	DSC403	Corporate Accounting	80	20	100	5	3	5
		Total				25		25



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Osmania University
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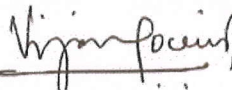
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B.Com(CBCS)
General
(w.e.f 2021-2024)

Faculty of Commerce, AUC

THIRD YEAR: SEMESTER V (2023-2024)							
27.	EL55	English (First Language)	80	20	100	3	3
28.	SL55	Second Language (HUTA)	80	20	100	3	3
29.	GE	Business Economics	80	20	100	4	4
30.	DSE501	a) Cost Accounting- (OR) b) Financial Planning & Performance-(OR) c) International Financial Reporting-I	80	20	100	5	5
31.	DSE502	a) Computerized Accounting- (OR) (50M + 35P+ 15IA= 100: 5 Credits) b) Financial Decision Making-I- (OR) *(80M + 20IA = 100: 5 Credits) c) International Tax &Regulation *(80M + 20IA = 100: 5 Credits)	50/80*	35P+15IA /20IA	100	3T+4P/ 5	5
32.	DSE503	a) Auditing- (OR) b) Advanced Corporate Accounting- (OR) c) Financial Management	80	20	100	5	5
TOTAL						25	25
SEMESTER – VI							
33.	EL56	English (First Language)	80	20	100	3	3
34.	SL56	Second Language (HUTA)	80	20	100	3	3
35.	Project Report	Research Methodology and Project Report	40	35R +15VIVA + 10IA	100	2T+4R	4
36.	DSE601	a) Cost Control and Management Accounting-(OR) b) Financial control-(OR) c)International Financial Reporting-II	80	20	100	5	5
37.	DSE602	a) Theory and Practice of GST- (OR) (50M + 35P+ 15IA= 100: 5 Credits) b) Financial Decision Making-II - (OR) *(80M + 20IA = 100: 5 Credits) c) International Auditing * (80M + 20IA = 100: 5 Credits)	50/80	35P+15I A/20IA	100	3T+4P/ 5	5
38.	DSE603	a) Accounting Standards- (OR) b) Corporate Governance-(OR) c) Investment management	80	20	100	5	5
Total						25	25
GRAND TOTAL						150	150

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BOARD OF STUDIES IN COMMERCE
ANWARUL ULOOM COLLEGE
AFFILIATED TO OSMANIYA UNIVERSITY
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Commerce Blog: www.auccommerceblog.wordpress.com


COORDINATOR

Internal Quality Assurance Cell

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New Mallepally, Hyderabad.


PRINCIPAL

Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad.



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All



**B.COM (Comp Applications)
CBCS COURSE STRUCTURE
w.e.f. (2021-2024) Batch**

Sl.No	Code	Course Title	Sem Exam	IA	Total	THPW	Exam Hrs	Credits
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
FIRST YEAR: SEMESTER - I (2021-22)								
1.	ELSI	English (First Language)	80	20	100	4	3	4
2.	SLSI	Second Language (HUTA)	80	20	100	4	3	4
3.	AECC-1	a) Environmental Science-(OR) b) Basic Computer Skills	50	-	50	2	2	2
4.	DSC101	Financial Accounting-I	80	20	100	5	3	5
5.	DSC102	Business Organization and Management	80	20	100	5	3	5
6.	DSC103	Fundamentals of Information Technology	50	35+15IA	100	3T+4P	3	5
		Total				25		25
SEMESTER - I								
7.	ELS2	English (First Language)	80	20	100	4	3	4
8.	SLS2	Second Language(HUTA)	80	20	100	4	3	4
9.	AECC-2	a) Basic Computer Skills-(OR) b) Environmental Science	50	-	50	2	2	2
10.	DSC201	Financial Accounting-II	80	20	100	5	3	5
11.	DSC202	Business Laws	80	20	100	5	3	5
12.	DSC203	Programming with C & C++	50	35+15IA	100	3T+4P	3	5
		Total				25		25
SECOND YEAR: SEMESTER - III- (2022-2023)								
13.	ELS3	English (First Language)	80	20	100	3	3	3
14.	SLS3	Second Language (HUTA)	80	20	100	3	3	3
15.	SEC-1 (UGC Specified Course)	a) Communication Skills-(OR) b) Professional Skills	50	-	50	2	2	2
16.	SEC-2 (Dept Specified Course)	a) Principles of Insurance-(OR) b) Foundation of Digital Marketing & Web Design	50	-	50	2	2	2
17.	DSC301	Advanced Accounting	80	20	100	5	3	5
18.	DSC302	Business Statistics-I	80	20	100	5	3	5
19.	DSC303	Relational Database Management System	50	35+15IA	100	3T+4P	3	5
		Total				25		25
SEMESTER - IV								
20.	ELS4	English (First Language)	80	20	100	3	3	3
21.	SLS4	Second Language (HUTA)	80	20	100	3	3	3
22.	SEC-3 (UGC Specified Course)	a) Leadership & Management Skills b) Universal Human Values	50	-	50	2	2	2
23.	SEC-4	a) Practice of Life and General Insurance-(OR) b) Social Media Marketing Search Engine Optimization & Online Advertising	50	-	50	2	2	2
24.	DSC401	Income Tax	80	20	100	5	3	5
25.	DSC402	Business Statistics-II	80	20	100	5	3	5
26.	DSC403	Web Technologies	50	35+15IA	100	3T+4P	3	5
		Total				25		25



CHAIRMAN
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New Malleshwari, Hyderabad-500 046

Commerce Blog: www.auccommerceblog.com

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New Malleshwari, Hyderabad-500 046

PRINCIPAL

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New Malleshwari, Hyderabad-01.

THIRD YEAR: SEMESTER V (2023-2024)								
27.	ELS5	English (First Language)	80	20	100	3	3	3
28.	SLS5	Second Language (HUTA)	80	20	100	4	3	4
29.	GE	Business Economics				5	3	5
30.	DSE501	a) Cost Accounting- (OR) b) Financial Planning & Performance-(OR) c) International Financial Reporting-I	80	20	100	5	3	5
31.	DSE502	a) Computerized Accounting- (OR) (50M + 35P+ 15IA = 100: 5 Credits) b) Financial Decision Making-I- (OR) *(80M + 20IA = 100: 5 Credits) c) International Tax & Regulation *(80M + 20IA = 100: 5 Credits)	50/80*	35P+15IA /20IA	100	3T+4P/ 5	3	5
32.	DSE503	a) Management Information System (MIS)- (OR) b) E-Commerce- (OR) c) Mobile Applications	50	35P+15IA	100	3T+4P	3	5
		TOTAL				25		25
SEMESTER - VI								
33.	ELS6	English (First Language)	80	20	100	3	3	3
34.	SLS6	Second Language (HUTA)	80	20	100	3	3	3
35.	Project Report	Research Methodology and Project Report	40	35R +15VIVA + 10IA	50	2T+4R	2	4
36.	DSE601	a) Cost Control and Management Accounting-(OR) b) Financial control-(OR) c)International Financial Reporting-II	80	20	100	5	3	5
37.	DSE602	a) Theory and Practice of GST- (OR) (50M + 35P+ 15IA= 100: 5 Credits) b) Financial Decision Making-II - (OR) *(80M + 20IA = 100: 5 Credits) c) International Auditing * (80M + 20IA = 100: 5 Credits)	50:80	35P+15IA/ 20IA	100	3T+4P/ 5	3	5
38.	DSE603	a) Multimedia Systems- (OR) b) Cyber Securities -(OR) c) Data Analytics	50	35P+15IA	100	3T+4P	3	5
		Total				25		25
		GRAND TOTAL				150		150



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COORDINATOR
Internal Quality Assurance Cell
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New Mallepally, Hyderabad.

**B.COM (Foreign Trade)
CBCS COURSE STRUCTURE
w.e.f. (2021-2024 Batch)**

Sl.No	Code	Course Title	Sem Exam	IA	Total	THPW	Exam Hrs	Credits
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
FIRST YEAR: SEMESTER – I (2021-2022)								
1.	ELS1	English (First Language)	80	20	100	4	3	4
2.	SLS1	Second Language (HUTA)	80	20	100	4	3	4
3.	AECC-1	a) Environmental Science-(OR) b) Basic Computer Skills	50	-	50	2	2	2
4.	DSC101	Financial Accounting-I	80	20	100	5	3	5
5.	DSC102	Business Organization and Management	80	20	100	5	3	5
6.	DSC103	Introduction to International Business	80	20	100	5	3	5
		Total				25		25
SEMESTER – II								
7.	ELS2	English (First Language)	80	20	100	4	3	4
8.	SLS2	Second Language (HUTA)	80	20	100	4	3	4
9.	AECC-2	a) Basic Computer Skills-(OR) b) Environmental Science	50	-	50	2	2	2
10.	DSC201	Financial Accounting-II	80	20	100	5	3	5
11.	DSC202	Business Laws	80	20	100	5	3	5
12.	DSC203	Export Marketing	80	20	100	5	3	5
		Total				25		25
SECOND YEAR: SEMESTER – III- (2022-2023)								
13.	ELS3	English (First Language)	80	20	100	3	3	3
14.	SLS3	Second Language (HUTA)	80	20	100	3	3	3
15.	SEC-1 <small>(Dept Specified Course)</small>	a) Communication Skills-(OR) b) Professional Skills	50	-	50	2	2	2
16.	SEC-2 <small>(Dept Specified Course)</small>	a) Principles of Insurance-(OR) b) Foundation of Digital Marketing & Web Design	50	-	50	2	2	2
17.	DSC301	Advanced Accounting	80	20	100	5	3	5
18.	DSC302	Business Statistics-I	80	20	100	5	3	5
19.	DSC303	International Business Procedures & Documentation	80	20	100	5	3	5
		Total				25		25
SEMESTER – IV								
20.	ELS4	English (First Language)	80	20	100	3	3	3
21.	SLS4	Second Language (HUTA)	80	20	100	3	3	3
22.	SEC-3 <small>(Dept Specified Course)</small>	a) Leadership & Management Skills b) Universal Human Values	50	-	50	2	2	2
23.	SEC-4 <small>(Dept Specified Course)</small>	a) Practice of Life and General Insurance-(OR) b) Social Media Marketing Search Engine Optimization & Online Advertising	50	-	50	2	2	2
24.	DSC401	Income Tax	80	20	100	5	3	5
25.	DSC402	Business Statistics-II	80	20	100	5	3	5
26.	DSC403	Corporate Accounting	80	20	100	5	3	5
		Total				25		25

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THIRD YEAR: SEMESTER V (2023-2024)								
27.	ELSS	English (First Language)	80	20	100	3	3	3
28.	SLS5	Second Language (HUTA)	80	20	100	3	3	3
29.	GE	Business Economics	80	20	100	4	3	4
30.	DSE501	a) Cost Accounting- (OR) b) Financial Planning & Performance-(OR) c) International Financial Reporting-I	80	20	100	5	3	5
31.	DSE502	a) Computerized Accounting- (OR) (50M + 35P+ 15IA= 100: 5 Credits)	50/80*	35P+15IA /20IA	100	3T+4P/ 5	3	5
		b) Financial Decision Making-I- (OR) *(80M + 20IA = 100: 5 Credits)						
		c) International Tax & Regulation *(80M + 20IA = 100: 5 Credits)						
32.	DSE503	a) Logistics Management- (OR) b) Advanced Corporate Accounting- (OR) c) Financial Management	80	20	100	5	3	5
TOTAL						25		25

SEMESTER - VI

33.	ELS6	English (First Language)	80	20	100	3	3	3
34.	SLS6	Second Language (HUTA)	80	20	100	3	3	3
35.	Project Report	Research Methodology and Project Report	40	35R +15VIV A + 10IA	50	2T+4R	2	4
36.	DSE601	a) Cost Control and Management Accounting-(OR) b) Financial control-(OR) c)International Financial Reporting-II	80	20	100	5	3	5
37.	DSE602	a) Theory and Practice of GST- (OR) (50M + 35P+ 15IA= 100: 5 Credits)	50/80	35P+15I A/20IA	100	3T+4P/ 5	3	5
		b) Financial Decision Making-II - (OR) *(80M + 20IA = 100: 5 Credits)						
		c) International Auditing * (80M + 20IA = 100: 5 Credits)						
38.	DSE603	a) Cross-Cultural Consumer and Industrial Buyer Behaviour- (OR) b) Corporate Governance-(OR) c) Investment management	80	20	100	5	3	5
Total						25		25
GRAND TOTAL						150		150



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**B.COM (E-Commerce)
CBCS COURSE STRUCTURE
w.e.f. (2021-2024) Batch**

Sl.No	Code	Course Title	Sem Exam	IA	Total	THPW	Exam Hrs	Credits
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
FIRST YEAR: SEMESTER - I (2021-22)								
1.	ELS1	English (First Language)	80	20	100	4	3	4
2.	SLS1	Second Language (HUTA)	80	20	100	4	3	4
3.	AECC-1	a) Environmental Science-(OR) b) Basic Computer Skills	50	-	50	2	2	2
4.	DSC101	Financial Accounting-I	80	20	100	5	3	5
5.	DSC102	Business Organization and Management	80	20	100	5	3	5
6.	DSC103	Fundamentals of Information Technology	50	35P+15IA	100	3T+4P	3	5
		Total				25		25
SEMESTER - II								
7.	ELS2	English (First Language)	80	20	100	4	3	4
8.	SLS2	Second Language (HUTA)	80	20	100	4	3	4
9.	AECC-2	a) Basic Computer Skills-(OR) b) Environmental Science	50	-	50	2	2	2
10.	DSC201	Financial Accounting-II	80	20	100	5	3	5
11.	DSC202	Business Laws	80	20	100	5	3	5
12.	DSC203	Relational Database Management System	50	35P+15IA	100	3T+4P	3	5
		Total				25		25
SECOND YEAR: SEMESTER - III- (2022-2023)								
13.	ELS3	English (First Language)	80	20	100	3	3	3
14.	SLS3	Second Language (HUTA)	80	20	100	3	3	3
15.	SEC-1 (Dept Specified Course)	a) Communication Skills-(OR) b) Professional Skills	50	-	50	2	2	2
16.	SEC-2 (Dept Specified Course)	a) Principles of Insurance-(OR) b) Foundation of Digital Marketing & Web Design	50	-	50	2	2	2
17.	DSC301	Advanced Accounting	80	20	100	5	3	5
18.	DSC302	Business Statistics-I	80	20	100	5	3	5
19.	DSC303	Programming with C	50	35P+15IA	100	3T+4P	3	5
		Total				25		25
SEMESTER - IV								
20.	ELS4	English (First Language)	80	20	100	3	3	3
21.	SLS4	Second Language (HUTA)	80	20	100	3	3	3
22.	SEC-3 (Dept Specified Course)	a) Leadership & Management Skills b) Universal Human Values	50	-	50	2	2	2
23.	SEC-4 (Dept Specified Course)	a) Practice of Life and General Insurance-(OR) b) Social Media Marketing Search Engine Optimization & Online Advertising	50	-	50	2	2	2
24.	DSC401	Income Tax	80	20	100	5	3	5
25.	DSC402	Business Statistics-II	80	20	100	5	3	5
26.	DSC403	Object Oriented Programming with C++	50	35P+15IA	100	3T+4P	3	5
		Total				25		25

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THIRD YEAR: SEMESTER V (2023-2024)

27.	ELS5	English (First Language)	80	20	100	3	3	3
28.	SLS5	Second Language (HUTA)	80	20	100	3	3	3
29.	GE	Business Economics	80	20	100	4	3	4
30.	DSE501	a) Cost Accounting- (OR) b) Financial Planning & Performance-(OR) c) International Financial Reporting-I	80	20	100	5	3	5
31.	DSE502	a) Computerized Accounting- (OR) (50M + 35P+ 15IA= 100: 5 Credits) b) Financial Decision Making-I- (OR) *(80M + 20IA = 100: 5 Credits) c) International Tax & Regulation *(80M + 20IA = 100: 5 Credits)	50/80*	35P+15IA/ 20IA	100	3T+4P/ 5	3	5
32.	DSE503	a) Fundamentals of E-Commerce- (OR) (50M + 35P+ 15IA= 100: 5 Credits) b) Advanced Corporate Accounting- (OR) *(80M + 20IA = 100: 5 Credits) c) Financial Management *(80M + 20IA = 100: 5 Credits)	50/80*	35P+15IA/ 20IA	100	3T+4P/ 5	3	5
						TOTAL	25	25

SEMESTER - VI

33.	ELS6	English (First Language)	80	20	100	3	3	3
34.	SLS6	Second Language (HUTA)	80	20	100	3	3	3
35.	Project Report	Research Methodology and Project Report	40	35R +15VIVA +10IA	50	2T+4R	2	4
36.	DSE601	a) Cost Control and Management Accounting-(OR) b) Financial control-(OR) c)International Financial Reporting-II	80	20	100	5	3	5
37.	DSE602	a) Theory and Practice of GST- (OR) (50M + 35P+ 15IA= 100: 5 Credits) b) Financial Decision Making-II - (OR) *(80M + 20IA = 100: 5 Credits) c) International Auditing * (80M + 20IA = 100: 5 Credits)	50/80	35P+15IA/ 20IA	100	3T+4P/ 5	3	5
38.	DSE603	a) Business Data Analytics- (OR) (50M + 35P+ 15IA= 100: 5 Credits) b). Corporate Governance-(OR) *(80M + 20IA = 100: 5 Credits) c). Investment management *(80M + 20IA = 100: 5 Credits)	50/80	35P+15IA/ 20IA	100	3T+4P/ 5	3	5
						Total	25	25
						GRAND TOTAL	150	150

Alumina

Vijay Pareek

W. H. D.
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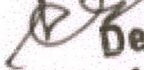
**THIRD YEAR
SEMESTER – V : (2024-25)**

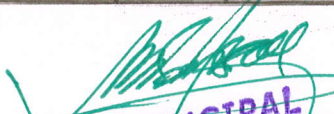
27.	BLSS	English (First Language)	80	20	100	3	3
28.	GE	a) Excel Foundation b) Advanced Aspects of Income Tax	50	35P+15IA	100	2T+4P	4
29.	DSE501	a) Cost Accounting b) Financial Planning & Performance c) International Financial Reporting-I	80	20	100	5	5
30.	DSE502	a) Computerized Accounting (50 M + 35P+ 15 IA = 100: 5 Credits)	50/80*	35P+15IA/ 20IA	100	3T+4P/ 5	5
		b) Financial Decision Making-I *(80M + 20IA = 100: 5 Credits)					
		c) International Tax & Regulation *(80M + 20IA = 100: 5 Credits)					
31.	DSE503	a) Auditing b) Strategic Management c) Investment Industry – I	80	20	100	5	5
32.	DSE504	a) Marketing Management b) Project and Relationship Management c) Investment Instruments	80	20	100	5	5
		Total				27	27

SEMESTER – VI

33.	ELS6	English (First Language)	80	20	100	3	3
34.	Project Report	Research Methodology and Project Report	50	35R+15VV	100	2T+4R	4
35.	DSE601	a) Cost Control and Management Accounting b) Financial Control c) International Financial Reporting-II	80	20	100	5	5
36.	DSE602	a) Theory and Practice of GST (50M + 35P+ 15 IA = 100 : 5 Credits)	50/80	35P+15IA/ 20IA	100	3T+4P/ 5	5
		b) Financial Decision Making-II *(80M + 20IA = 100: 5 Credits)					
		c) International Auditing *(80M + 20IA = 100: 5 Credits)					
37.	DSE603	a) Accounting Standards b) Corporate Governance c) Investment Industry –II	80	20	100	5	5
38.	DSE604	a) International Finance b) Business Applications of Emerging Technologies c) Investment Industry Controls	80	20	100	5	5
		Total				27	27
		GRAND TOTAL				160	160


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B.COM (Hons)
CBCS COURSE STRUCTURE
w.e.f. 2024-2025

18-19/58

SL.No.	Code	Course Title	Sem Exam	IA	Total	THPW	Credits
(1)	(2)	(3)	(5)	(6)	(7)	(8)	
FIRST YEAR SEMESTER - I							
2.	AECC-1	Environmental Science Computer Skills	50	-	50	2	2
3.	DSC101	Accounting-I	80	20	100	5	5
4.	DSC102	Organization and Management	80	20	100	5	5
5.	DSC103	Foreign Trade	80	20	100	5	5
6.	DSC104	Business Economics	80	20	100	5	5
		Total				26	26
SEMESTER - II							
8.	AECC-2	a) Basic Computer Skills b) Environmental Science	50	-	50	2	2
9.	DSC201	Financial Accounting-II	80	20	100	5	5
10.	DSC202	Business Laws	80	20	100	5	5
11.	DSC203	Banking and Financial Services	80	20	100	5	5
12.	DSC204	Financial Management	80	20	100	5	5
		Total				26	26
SECOND YEAR SEMESTER - III							
14.	SEC-1 (UGC Specified Course)	a) Communication Skills b) Professional Skills	50	-	50	2	2
15.	SEC-2 Dept. Specified Course	a) Principles of Insurance b) Foundation of Digital Marketing & Web Design	50	-	50	2	2
16.	DSC301	Advanced Accounting	80	20	100	5	5
17.	DSC302	Business Statistics -I	80	20	100	5	5
18.	DSC303	Financial Institutions and Markets	80	20	100	5	5
19.	DSC304	Investment Management	80	20	100	5	5
		Total				27	27
SEMESTER - IV							
21.	SEC-3 (UGC Specified Course)	a) Leadership & Management Skills b) Universal Human Values	50	-	50	2	2
22.	SEC-4 Dept. Specified Course	a) Practice of Life and General Insurance b) Social Media Marketing Search Engine Optimization & Online Advertising	50	-	50	2	2
23.	DSC401	Income Tax	80	20	100	5	5
24.	DSC402	Business Statistics -II	80	20	100	5	5
25.	DSC403	Corporate Accounting	80	20	100	5	5
26.	DSC404	Human Resource Management	80	20	100	5	5
		Total				27	27

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DEPARTMENT OF COMMERCE

M.Com. Course Structure (CBCS) – 2023 - 2024

FIRST SEMESTER

Sl. No.	Code	Title of the Paper	THPW	Credits	ESED	Marks		
						Internal valuation**	End-Sem. Exam	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	Com 1 : Core – I	Indian Accounting Standards	5	5	2 Hrs	50	50	100
2.	Com 2 : Core – II	Managerial Economics & Business Environment	5	5	2 Hrs	50	50	100
3.	Com 3 : Core – III	Marketing Management	5	5	2 Hrs	50	50	100
4.	Com 4 : Core – IV:	Financial Management	5	5	2 Hrs	50	50	100
Total			20	20	-	200	200	400

SECOND SEMESTER

Sl. No.	Code	Title of the Paper	THPW	Credits	ESED	Marks		
						Internal Valuation**	End-Sem. Exam	Total
(1)	(2)	(3)	(4)	(5)	(6)	(8)	(9)	(10)
5.	Com 5: Core – I	Advanced Managerial Accounting	5	5	2 Hrs	50	50	100
6.	Com 6: Core – II	Organization Behavior & Human Resource Management	5	5	2 Hrs	50	50	100
7.	Com 7: Core – III	E-Commerce	3T+2P	5	2 Hrs	50	50	100
8.	Com 8: Core – IV:	Investment Management	5	5	2 Hrs	50	50	100
Total			20	20	-	200	200	400

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B A (E H P) - English Literature, History & Psychology

Subject: Psychology

CBSC: Course Structure

w. e. f. (2019 - 2020)

S. No.	Code	Course Title	HPW	Credits	Exam Hrs.	Marks
I - Semester						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	ELS1	English (First Language)	4	4	3 Hrs	80U+20I
2	SLS1	Second Language	4	4	3 Hrs	80U+20I
3	AEC1	Environmental Studies	2	2	2 Hrs	50
4	DSC 101	General Psychology	5	5	3 Hrs	80U+20I
5	DSC 102	English Literature	5	5	3 Hrs	80U+20I
6	DSC 103	History	5	5	3 Hrs	80U+20I
		Total	25	25		
II - Semester						
7	ELS2	English (First Language)	4	4	3 Hrs	80U+20I
8	SLS2	Second Language	4	4	3 Hrs	80U+20I
9	AEC2	Basic Computer Skills	2	2	2 Hrs	50
10	DSC 201	Psychology (Personality Theories & Assessment)	5	5	3 Hrs	80U+20I
11	DSC 202	English Literature	5	5	3 Hrs	80U+20I
12	DSC 203	History	5	5	3 Hrs	80U+20I
		Total	25	25		
III - Semester						
13	ELS3	English (First Language)	3	3	3 Hrs	80U+20I
14	SLS3	Second Language	3	3	3 Hrs	80U+20I
15	SEC1	Life Skills	2	2	2 Hrs	50
16	SEC2	Psychology in Professional Settings	2	2	2 Hrs	50
17	DSC 301T	Psychology (Social Psychology)	4	4	2 Hrs	60U+15I
18	DSC 301P	Basics of Statistics and Experimental Psychology	2	1	2 Hrs	25P
19	DSC 302	English Literature	5	5	3 Hrs	80U+20I
20	DSC 303	History	5	5	3 Hrs	80U+20I
		Total	25	25		
IV - Semester						
21	ELS4	English (First Language)	3	3	3 Hrs	80U+20I
22	SLS4	Second Language	3	3	3 Hrs	80U+20I
23	SEC3	Stress Management & Well Beings	2	2	2 Hrs	50

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P. Swathi

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24	SEC4	Health Behaviour & Life Styles	2	2	2 Hrs	50
25	DSC 401T	Abnormal Psychology	4	4	2 Hrs	60U+15I
26	DSC 401P	Inferential Statistics and Experimentation on Behavioural Phenomena	2	1	2 Hrs	25P
27	DSC 402	English Literature	5	5	3 Hrs	80U+20I
28	DSC 403	History	5	5	3 Hrs	80U+20I
		Total	25	25		
V - Semester						
29	ELS5	English (First Language)	3	3	3 Hrs	80U+20I
30	SLS5	Second Language	3	3	3 Hrs	80U+20I
31	GE	Psychological Competencies	4	4	3 Hrs	100
32	DSC 501T	(a) Child Psychology OR (b) Education Psychology	4	4	2 Hrs	60U+15I
33	DSC 501P	Psychological Testing	2	1	2 Hrs	25P
34	DSC 502	English Literature	5	5	3 Hrs	80U+20I
35	DSC 503	History	5	5	3 Hrs	80U+20I
		Total	25	25		
VI - Semester						
36	ELS4	English (First Language)	3	3	3 Hrs	80U+20I
37	SLS4	Second Language	3	3	3 Hrs	80U+20I
38	PR	Research in Psychology & Project Work	2	2	2 Hrs	50
39	DSC 601T	(c) Adolescent Psychology OR (d) Health Psychology	4	4	2 Hrs	60U+15I
40	DSC 601P	Psychological Assessment	2	1	2 Hrs	25P
41	DSC 602	English Literature	5	5	3 Hrs	80U+20I
42	DSC 403	History	5	5	3 Hrs	80U+20I
		Total	25	25		
		Grand Total	156/152	150		

Legends:

ELS: English Language Skills; SLS: Second Language Skills; AEC: Ability Enhancement Compulsory Course; SEC: Skill Enhancement Course; DSE: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; T: Theory; P: Practical; I: Internal Examination; U: University / End Semester Examination; PR: Project Report; VV: Viva Voce Examinations

Note: i) A student opt for either A or B or DSE Groups in V and VI - Semesters.
ii) Project Work should be done individually under the supervision of the teachers

Summary of Credits

S. No.	Course Category	No. of Courses	Credit per Course	Credits
1	English Language	6	4 / 3	20
2	Modern Language	6	4 / 3	20

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ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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NAAC with 'A+' Grade

B.A (E.H.P) – English Literature (W.E.F.2023-24)

Semester	Subject/ Title	Units	HPW	Credits	Internals	External	Total	Duration
C	Introduction to English Language and Literature	5	5	5	20	80	100	3
C-I	Environmental studies	2	2	2	20	50	50	2
SC	English Poetry	5	5	5	20	80	100	3
C-II	Basic Computer Skills	2	2	2	20	50	50	2
SC	English Drama	5	5	5	20	80	100	3
C-I	Professional Skills	2	2	2	20	50	50	2
C-II	Different Modes of Writing in English	2	2	5	20	50	50	2
	English Fiction	5	5	2	20	80	100	3
C-III	Leadership Management	2	2	2	20	50	50	2
C-IV	Vocabulary an Introduction	2	2	5	20	50	50	2
SC	English Discipline Specific Elective(DSE) A. Modern Indian Literature B. Women's Writing	5	5	4	20	80	100	3
	English Generic Elective(GE)English for Academic and Professional Purposes	4	4	4	20	80	100	3
	English Discipline Specific Elective(DSE) A. American Literature B. Contemporary World Literature	4	4	4	20	80	100	3
English Literature	Project/Literary Criticism and Theory	4		4		100	100	3


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Department of English

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New Mallepally, Hyderabad, T.S. India


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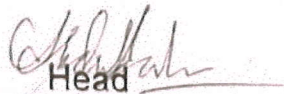
B.A/B.Com (ALL streams) B.Sc (All Streams) and BBA (CBCS)

(W.E.F. 2023-24)


Department of English

Course structure

Semester	Subject	units	HPW	Credits	Internal	External	Total	Duration
1 sem	English-1	4	4	4	20	80	100	3 hrs
AECC-I	Environmental Studies	2	2	2		50	50	2 hrs
I Sem	English-II	4	4	4	20	80	100	3 hrs
AECC-II	Basic Computer Skills	2	2	2		50	50	2 hrs
III Sem	English-III	3	3	4	20	80	100	3 hrs
SECC-I	Professional skills	2	2	2		50	50	2 hrs
SECC-II	Different Modes of Writing in English	2	2	2		50	50	2 hrs
IV Sem	English-IV	3	3	4	20	80	100	3 hrs
SECC-III	Leadership Management	2	2	2		50	50	2 hrs
SECC-IV	Vocabulary in Introduction	2	2	2		50	50	2 hrs
V Sem	English-V	3	3	3	20	80	100	3 hrs
GE-I	L.S.R.W Skills	2	2	2		50	50	2 hrs
VI-Sem	English-VI	3	3	3	20	80	50	3 hrs
GE-II	Grammar	2	2	2		50	50	2 hrs

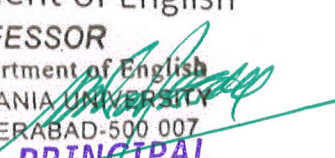

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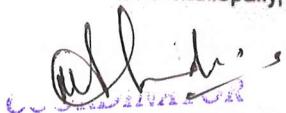
Department of English
Anwarul uloom College (Autonomous)
New Mallepally, Hyderabad, T.S. India


Chairman
Board of Studies

Department of English

PROFESSOR
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OSMANIA UNIVERSITY
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New Mallepally, Hyderabad.

ANWARUL ULOOM COLLEGE (AUTONOMOUS)

B.Sc. - M.E. Cs. Group Course Structure

SEMESTER - I (2021-22)

SUBJECT	UNIT	Hr. Per Week	CREDIT	INTERNAL	EXTERNAL	TOTAL	FINAL EXAM TIME
English-I	4	4	4	20	80	100	3hrs
Second language -I	4	4	4	20	80	100	3hrs
Mathematics -I	5	5	5	20	80	100	3hrs
Electronics -I	4	4	4	20	80	100	3hrs
Practical	---	3	1	---	50	50	3hrs
Computer -I	4	4	4	20	80	100	3hrs
Practical	---	3	1	---	50	50	3hrs
AECC -I (EVS)	2	2	2	---	50	50	2hrs
Total	---	---	25	100	550	650	

SEMESTER - II (2021-22)

SUBJECT	UNIT	Hr. Per Week	CREDIT	INTERNAL	EXTERNAL	TOTAL	FINAL EXAM TIME
English-II	4	4	4	20	80	100	3hrs
Second Language - II	4	4	4	20	80	100	3hrs
Mathematics -II	5	5	5	20	80	100	3hrs
Electronics -II	4	4	4	20	80	100	3hrs
Practical	---	3	1	---	50	50	3hrs
Computer -II	4	4	4	20	80	100	3hrs
Practical	---	3	1	---	50	50	3hrs
AECC -II (BCS)	2	2	2	---	50	50	2hrs
Total	---	---	25	100	550	650	

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ANWARUL ULOOM COLLEGE (AUTONOMOUS)

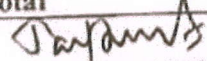
B.Sc. - M.E. Cs. Group Course Structure

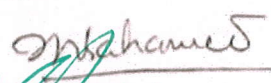
SEMESTER - III (2020-21)

SUBJECT	UNIT	Hr. Per Week	CREDIT	INTERNAL	EXTERNAL	TOTAL	FINAL EXAM TIME
English-III	3	3	3	15	35	50	2hrs
Second Language-III	3	3	3	15	35	50	2hrs
Mathematics -III	5	5	5	15	35	50	2hrs
Electronics -III	4	4	4	15	35	50	2hrs
Practical	---	2	1	---	25	25	2hrs
Computer -III	4	4	4	15	35	50	2hrs
Practical	---	2	1	---	25	25	2hrs
SECC -I	2	2	2	---	50	50	2hrs
SECC -II	2	2	2	---	50	50	2hrs
Total	---	---	25	75	325	400	

SEMESTER - IV (2020-21)

SUBJECT	UNIT	Hr. Per Week	CREDIT	INTERNAL	EXTERNAL	TOTAL	FINAL EXAM TIME
English-IV	3	3	3	15	35	50	2hrs
Second Language-IV	3	3	3	15	35	50	2hrs
Mathematics -IV	5	5	5	15	35	50	2hrs
Electronics -IV	4	4	4	15	35	50	2hrs
Practical	---	2	1	---	25	25	2hrs
Computer -IV	4	4	4	15	35	50	2hrs
Practical	---	2	1	---	25	25	2hrs
SECC -III	2	2	2	---	50	50	2hrs
SECC -IV	2	2	2	---	50	50	2hrs
Total	---	---	25	75	325	400	


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ANWARUL ULOOM COLLEGE (AUTONOMOUS)

B.Sc. - M.E. Cs. Group Course Structure

SEMESTER - V (2019-20)

SUBJECT	UNIT	Hr. Per Week	CREDIT	INTERNAL	EXTERNAL	TOTAL	FINAL EXAM TIME
ENGLISH -V	3	3	3	15	35	50	2hrs
Second Language-V	3	3	3	15	35	50	2hrs
Mathematics -V	5	5	5	15	35	50	2hrs
Electronics -V	4	4	4	15	35	50	2hrs
Practical	---	2	1	---	25	25	2hrs
Computer -V	4	4	4	15	35	50	2hrs
Practical	---	2	1	---	25	25	2hrs
SECC -III	2	2	2	---	50	50	2hrs
GE - I	2	2	2	---	50	50	2hrs
Total	---	---	25	75	325	400	

SEMESTER - VI (2019-20)

SUBJECT	UNIT	Hr. Per Week	CREDIT	INTERNAL	EXTERNAL	TOTAL	FINAL EXAM TIME
ENGLISH -VI	3	3	3	15	35	50	2hrs
Second Language-VI	3	3	3	15	35	50	2hrs
Mathematics -VI	5	5	5	15	35	50	2hrs
Electronics -VI	4	4	4	15	35	50	2hrs
Practical	---	2	1	---	25	25	2hrs
Computer -VI	4	4	4	15	35	50	2hrs
Practical	---	2	1	---	25	25	2hrs
SECC -IV	2	2	2	---	50	50	2hrs
GE - II	2	2	2	---	50	50	2hrs
Total	---	---	25	75	325	400	

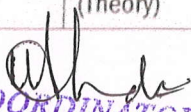
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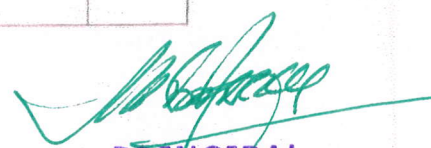
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M. Sc. I st Year, II - Semester (CBCS)										
1	I	521 T	Inorganic Chemistry Theory	3 Hrs	50	50	20	100	3	3 Hrs
		521 P	Inorganic Chemistry Practical	4 Hrs	—	50	25	50	2	2 Hrs
2	II	522 T	Organic Chemistry Theory	3 Hrs	50	50	20	100	3	3 Hrs
		522 P	Organic Chemistry Practical	4 Hrs	—	50	25	50	2	2 Hrs
3	III	523 T	Physical Chemistry Theory	3 Hrs	50	50	20	100	3	3 Hrs
		523 P	Physical Chemistry Practical	4 Hrs	—	50	25	50	2	2 Hrs
4	IV	524 T	Analytical Techniques & Spectroscopy - I Theory	3 Hrs	50	50	20	100	3	3 Hrs
		524 P	Analytical Chemistry Practical	4 Hrs	—	50	25	50	2	2 Hrs
			Total	28Hrs				600	20	


S. No.	Paper No.	Code No.	Title	Hours / Week	Internal Marks	Semester Marks		Total Marks	Credits	Duration of Exam.
						Max.	Min.			
M. Sc. 2nd Year, III - Semester (CBCS)										
1	I	531 T	Synthetic reagents, advanced NMR, conformational Analysis and ORD (Theory)	4 Hrs	20	80	32	100	4	3 Hrs
		531 P	Synthesis of organic molecules, Isolation of natural products and TLC (Practical)	6 Hrs	—	100	50	100	4	3 Hrs
2	II	532 T	Modern Organic Synthesis (Theory)	4 Hrs	20	80	32	100	4	3 Hrs
		532 P	Synthesis And Analysis of Drugs and Column Chromatography (Practical)	6 Hrs	—	100	50	100	4	3 Hrs
3	III	533 T	Bio-Organic Chemistry (Theory)	4 Hrs	20	80	32	100	4	3 Hrs

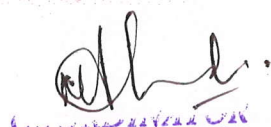

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 Mallepally, Hyderabad.



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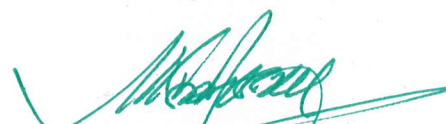
4	IV	534 T	Green chemistry and organic materials	4 Hrs	20	80	32	100	4	3 Hrs
			Seminar	2Hrs	--	25	--	25	1	--
			Total	34 Hrs				625	25	

S. No.	Paper No.	Code No.	Title	Hours / Week	Internal Marks	Semester Marks		Total Marks	Credits	Duration of Exam.
						Max.	Min.			
M. Sc. 2nd Year, IV - Semester (CBCS)										
1	I	541 T	Drug Design & Drug Discovery (Theory)	4 Hrs	20	80	32	100	4	3 Hrs
		541 P	Spectroscopic Identification of Organic Compounds and Practical of Chemistry software programmes (Practical)	6 Hrs	--	100	50	100	4	3 Hrs
2	II	542 T	Drug Synthesis & Mechanism of action (Theory)	4 Hrs	20	80	32	100	4	3 Hrs
3	III	543 T	Advanced Heterocyclic Chemistry	4 Hrs	20	80	32	100	4	3 Hrs
4	IV	544 T	Advanced Natural Product	4Hrs	20	80	32	100	4	3 Hrs
			Seminar	2Hrs	--	25	--	25	1	--
			Project Work					100	4	
			Total	34 Hrs				625	25	


HEAD
 Department of Chemistry,
 Anwarul Uloom College,
 New Mallepally, Hyderabad


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Chairperson BOS,
 Department of Chemistry,
 AUC, Hyderabad.


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2	II	512 I	Organic Chemistry Theory	3 Hrs	50	50	20	100	3	3 Hrs
		512 P	Organic Chemistry Practical	4 Hrs	—	50	25	50	2	2 Hrs
3	III	513 I	Physical Chemistry Theory	3 Hrs	50	50	20	100	3	3 Hrs
		513 P	Physical Chemistry Practical	4 Hrs	—	50	25	50	2	2 Hrs
4	IV	514 T	Analytical Techniques & Spectroscopy - I Theory	3 Hrs	50	50	20	100	3	3 Hrs
		514 P	Analytical Chemistry Practical	4 Hrs	—	50	25	50	2	2 Hrs
			Total	28Hrs				600	20	

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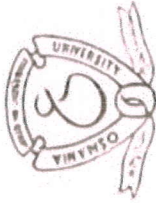
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Department of Chemistry

M. Sc. (Organic Chemistry) First Year Paper Titles & Marks Details (2023 - 2024)

(Course Structure & Scheme of Examinations)

S. No.	Paper No.	Code No.	Title	Hours / Week	Internal Marks	Semester Marks		Total Marks	Credits	Duration of Exam.
						Max.	Min.			
M. Sc. Ist Year, I - Semester (CBCS)										
1	I	511 T	Inorganic Chemistry Theory	3 Hrs	50	50	20	100	3	3 Hrs
		511 P	Inorganic Chemistry Practical	4 Hrs	-	50	25	50	2	2 Hrs

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New Mallepally, Hyderabad

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FACULTY OF SCIENCE
DEPARTMENT OF MATHEMATICS
B. Sc (MPCs, MECs, MPC)
I YEAR ; I & II SEMESTER
COURSE STRUCTURE

Approved syllabus for the academic year: 2023-24

S.N O	YEAR	SEM	PAPER/ TITLE	TEACHING HOURS/WEEK	UNITS	CREDITS	MARKS		
							I A	Sem	Total
	1 st YEAR	I	6114 T Differential And Integral Calculus	5	5	5	20	80	100
			(AECC -I) Environmental Science	2	2	2	-	50	50
	1 st YEAR	II	6214 T Differential Equations	5	5	5	20	80	100
			(AECC-II) Basic Computer Skills	2	2	2	-	50	50

Head
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Anwarul Uloom College
New Mallepally, Hyderabad.

Dr. N. Kishan
Professor of Mathematics
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FACULTY OF SCIENCE
DEPARTMENT OF MATHEMATICS
B. Sc (MPCs, MECs, MPC)
II YEAR : III & IV SEMESTER
COURSE- STRUCTURE

Approved syllabus for the academic year: 2023-24

S.N O	YEAR	SEM	PAPER/ TITLE	TEACHING HOURS/WEEK	UNITS	CREDIT S	MARKS		
							I A	Sem	Total
	2 nd YEAR	III	6314 T Real Analysis	5	5	5	20	80	100
			(SECC-I) (A) Communication Skills (or) (B) Professional Skills	2	2	2	-	50	50
	2nd Year	III	SECC-II (A) Introduction to Laplace Transform (or) (B) Commercial Mathematics	2	2	2	-	50	50
	2nd YEAR	IV	6414T Algebra	5	5	5	20	80	100
			SECC-III (A) Leadership & Management Skills (or) (B) Universal Human Values						
			SECC-IV (A) Probability and Statistics (or) (B) Basic Mathematics	2	2	2	-	50	50

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COORDINATOR

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Anwarul Uloom College
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Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad.

[Signature]
Dr. N. Arif
Professor of Mathematics
Department of Mathematics
Osmania University
Hyderabad-500 007

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FACULTY OF SCIENCE DEPARTMENT OF MATHEMATICS

B. Sc (MPCs, MECs, MPC)

III YEAR : V & VI SEMESTER

COURSE STRUCTURE

Approved syllabus for the academic year: 2023-24

S.N O	YEAR	SEM	PAPER/TITLE	TEACHING HOURS/WEEK	UNITS	CREDIT S	MARKS			
							I A	Sem	Total	
	3 rd YEAR	V	503T Linear Algebra	5	5	5	20	80	100	
			OR							
			503T Solid Geometry	5	5	5	20	80	100	
			GE-I Basic Statistics	4	4	4	-	50	50	
			603T Numerical Analysis	5	5	5	20	80	100	
		OR								
		603T Vector Calculus	5	5	5	20	80	100		
		Optional Sub : Coordinate Geometry (or) GE II: Number System	4	4	4	-	50	50		
			VI	Certificate Course of 3 Months - Quantitative Aptitude	-	-	-	-	50	50

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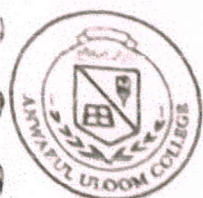
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Dr. K. Kishan
Professor of Mathematics
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DEPARTMENT OF MATHEMATICS

(Choice Based Credit System)

(Academic year 2023 – 2024)

M.Sc APPLIED MATHEMATICS

Semester I

Subjects	code	Paper	Hours / Week	Theor y	IA+Sem Exam	Credits
Core	AM 101	Abstract Algebra	4	4	50+50	4
Core	AM 102	Mathematical Analysis	4	4	50+50	4
Core	AM 103	Ordinary and Partial Differential Equations	4	4	50+50	4
Core	AM 104	Mechanics	4		50+50	4
Core	AM 105	Integral Transform	4	4	50+50	4
	Add-On	Communicative English & Soft Skills	2	2	50	2
	Total				550	22

Head

Department of Mathematics
Anwarul Uloom College
New Mallepally, Hyderabad.

COORDINATOR

Internal Quality Assurance Cell
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad.

Dr. N. Kishan

Professor of Mathematics
Department of Mathematics
Osmania University
Hyderabad-500 007.

PRINCIPAL

Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad-01.



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DEPARTMENT OF MATHEMATICS

(Choice Based Credit System)

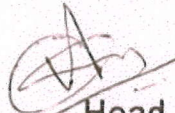
(Academic year 2023 – 2024)

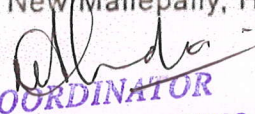
M.Sc APPLIED MATHEMATICS

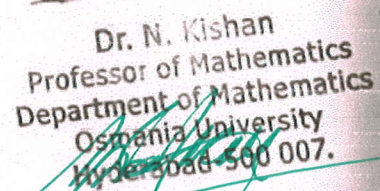
Semester II

Subjects	code	Paper	Hours/ Week	Theory	IA+Sem Exam	Credits
Core	AM 201	Galois Theory	4	4	50+50	4
Core	AM 202	Lebesgue measure & Integration	4	4	50+50	4
Core	AM 203	Complex Analysis	4	4	50+50	4
Core	AM 204	Fluid Mechanics	4	4	50+50	4
Core	AM 205	Theory of Ordinary Differential Equations	4	4	50+50	4
	Add- On	Human Values & Professional Ethics	2	2	50	2
	Total				550	22

T*- Tutorial Class for problem Solving with No Credit.


Head
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New Mallepally, Hyderabad.


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DEPARTMENT OF MATHEMATICS

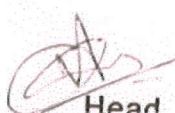
(Choice Based Credit System)

(Academic year 2023 – 2024)

M.Sc APPLIED MATHEMATICS

Semester III

Subjects	code	Paper	Hours/ Week	Theory	T*	IA+Sem Exam	Credits
Core	AM 301	Finite difference Method	6	5	1	20+80	5
Core	AM 302	Viscous flows	6	5	1	20+80	5
Core	AM 303	Linear Algebra	6	5	1	20+80	5
Elective	AM 304(A)	Operations Research	6	5	1	20+80	5
	AM 304(B)	Compressible flows					
	AM 304(C)	Computational Fluid Dynamics					
Elective	AM 305(A)	Elementary Number Theory	5	4	1	20+80	4
	AM 305(B)	Numerical Analysis					
	AM 305(C)	Topology					
	IDE	Introduction to Differentiation	2	2		50	2
	Total		31			550	26


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DEPARTMENT OF MATHEMATICS

(Choice Based Credit System)

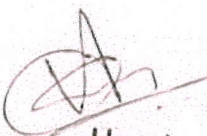
(Academic year 2023 - 2024)

M.Sc APPLIED MATHEMATICS

Semester- IV

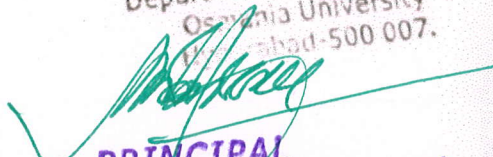
Subjects	code	Paper	Hours/Week	Theory	T*	IA+Sem Exam	Credits
Core	AM 401	Integral Equation & Calculus of variation	6	5	1	20+80	5
Core	AM 402	Finite Element Methods	6	5	1	20+80	5
Core	AM 403	Functional Analysis	6	5	1	20+80	5
Elective	AM 404(A)	Magneto hydrodynamics	6	5	1	20+80	5
	AM 404(B)	Bio-Mechanics					
	AM 404(C)	Differential Geometry					
Elective	AM 405(A)	Discrete Mathematics	5	4	1	20+80	4
	AM 405(B)	Advance Operations Research					
	AM 405(C)	Advance Complex Analysis					
	IDE	Integration	2	2		50	2
	Total		31			550	26

T*- Tutorial Class for problem Solving with No Credit.


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Anwarul Uloom College
New Mallepally, Hyderabad.

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New Mallepally, Hyderabad.


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New Mallepally, Hyderabad-01.



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New Mallepally, Hyderabad

Department of Comp. Sci. & Engineering Paper Titles & Marks Details (Course Structure & Scheme of Examinations) Batch - 2023-24

S. No.	Paper No.	Code No.	Title	Hours / Week	Inter nal Marks	Semester Marks		Total Marks	Credits	Duration of Exam.
						Max.	Min.			
B. Sc. (CSE) Ist Year, I - Semester (CBCS)										
Theory										
1	I	0106	English	4 Hrs	20	80	32	100	4	3 Hrs
2	II	7141	Mathematics - I	5 Hrs	20	80	32	100	5	3 Hrs
3	III	7142	Electrical Circuits & Machines	4 Hrs	20	80	32	100	4	3 Hrs
4	IV	7143	Introduction to Information Technology	4 Hrs	20	80	32	100	4	3 Hrs
5	V	7144	Programming in C	4 Hrs	20	80	32	100	4	3 Hrs
6	VI	A7145	AECC-I: Environmental Studies	2 Hrs	—	50	20	50	2	2 Hrs
Practicals										
7	VII	7142P	E C M Lab	2 Hrs	—	50	20	50	1	2 Hrs
8	VIII	7143P	I I T Lab	2 Hrs	—	50	20	50	1	2 Hrs
9	IX	7144P	Programming in C Lab	2 Hrs	—	50	20	50	1	2 Hrs
Total				29 Hrs				700	26	
B. Sc. (CSE) Ist Year, II - Semester (CBCS)										
Theory										
1	I	0206	English	4 Hrs	20	80	32	100	4	3 Hrs
2	II	7246	Mathematics - II	5 Hrs	20	80	32	100	5	3 Hrs
3	III	7247	Physics	4 Hrs	20	80	32	100	4	3 Hrs
4	IV	7248	Electronic Devices & Circuits	4 Hrs	20	80	32	100	4	3 Hrs
5	V	7249	Programming in Unix	4 Hrs	20	80	32	100	4	3 Hrs
6	VI	A7250	AECC-II: Basic Comp Skills	2 Hrs	—	50	20	50	2	2 Hrs
Practicals										
7	VII	7247P	Physics Lab	2 Hrs	—	50	20	50	1	2 Hrs
8	VIII	7248P	E D C Lab	2 Hrs	—	50	20	50	1	2 Hrs
9	IX	7249P	Unix Prog. Lab	2 Hrs	—	50	20	50	1	2 Hrs
Total				29 Hrs				700	26	

AECC - Ability Enhancement Compulsory Course

HEAD
Dept. of Computer Science & Engg.
Head of the Department
Hyd. I. A.P.

P.V. Srinivas

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Department of Computer Science & Engg.
Anwarul Uloom College (Autonomous)
Osmania University
New Mallepally, Hyderabad-01.

COORDINATOR

Internal Quality Assurance Cell
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New Mallepally, Hyderabad, (A.P.)

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New Mallepally, Hyderabad



Department of Comp. Sci. & Engineering

Paper Titles & Marks Details (Course Structure & Scheme of Examinations) Batch - 2022-23

S. No.	Paper No.	Code No.	Title	Hours / Week	Internal Marks	Semester Marks		Total Marks	Credits	Duration of Exam.
						Max.	Min.			
B. Sc. (CSE) 2nd Year, III - Semester (CBCS)										
Theory										
1	I	0306	English	3 Hrs	20	80	32	100	3	3 Hrs
2	II	7351	Mathematics - III	5 Hrs	20	80	32	100	5	3 Hrs
3	III	7352	Digital Logical Design	4 Hrs	20	80	32	100	4	3 Hrs
4	IV	7353	Operating Systems	4 Hrs	20	80	32	100	4	3 Hrs
5	V	7354	OOPS through C++	4 Hrs	20	80	32	100	4	3 Hrs
6	VI	S7355	SECC-I Communication Skills OR Professional Skill	2 Hrs	—	50	20	50	2	3 Hrs
7	VII	S7356	SECC-II: Software Engineering-I	2 Hrs	—	50	20	50	2	3 Hrs
Practicals										
8	VIII	7352P	D L D Lab	2 Hrs	—	50	20	50	1	2 Hrs
9	IX	7353P	O S Lab.	2 Hrs	—	50	20	50	1	2 Hrs
10	X	7354P	OOP through c++ Lab	2 Hrs	—	50	20	50	1	2 Hrs
Total				29 Hrs				750	27	
B. Sc. (CSE) 2nd Year, IV - Semester (CBCS)										
1	I	0406	English	4 Hrs	20	80	32	100	3	3 Hrs
2	II	7456	Probability & Statistics	5 Hrs	20	80	32	100	5	3 Hrs
3	III	7457	Microprocessor 8086 & Interfacing	4 Hrs	20	80	32	100	4	3 Hrs
4	IV	7458	Data Structures	4 Hrs	20	80	32	100	4	3 Hrs
5	V	7459	Java Programming	4 Hrs	20	80	32	100	4	3 Hrs
6	VI	S7460	SECC-III-Leadership Management Skills OR Universal Human Value	2 Hrs	—	50	20	50	2	2 Hrs
7	VII	S7461	SECC-IV: Software Engineering - ii	2 Hrs	—	50	20	50	2	2 Hrs
Practicals										
7	VII	7457P	MP 8086 & Interfacing Lab	2 Hrs	—	50	20	50	1	2 Hrs
8	VIII	7458P	Data Structure Lab.	2 Hrs	—	50	20	50	1	2 Hrs
9	IX	7459P	Java Programming Lab	2 Hrs	—	50	20	50	1	2 Hrs
Total				29 Hrs				750	27	

SECC - Skill Enhancement Compulsory Course

HEAD

Head of the Department
A.U. College of Engineering & Pngg
New Mallepally, Hyderabad-01.

PROFESSOR

Department of Computer Science & Engineering
P.V. University College of Engineering (A)
Osmania University
Hyderabad-500 007.

PRINCIPAL

Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad-01.

Alhadi
COORDINATOR

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New Mallepally, Hyderabad.

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New Mallepally, Hyderabad
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Department of Comp. Sci. & Engineering Paper Titles & Marks Details (Course Structure & Scheme of Examinations) Batch - 2021-22

S. No.	Paper No.	Code No.	Title	Hours / Week	Internal Marks	Semester Marks		Total Marks	Credits	Duration of Exam.
						Max.	Min.			
B. Sc. (CSE) 3rd Year, V - Semester (CBCS)										
Theory										
1	I	0506	English	3Hrs	20	80	32	100	3	2Hrs
2	II	7561	Computer Networks	4Hrs	20	80	32	100	4	3Hrs
3	III	7562	Compiler Construction	4Hrs	20	80	32	100	4	3Hrs
4	IV	7563	Object oriented analysis and design	4Hrs	20	80	32	100	4	3Hrs
5	V	7564	Modern Data Base Management System	4Hrs	20	80	32	100	4	3Hrs
Practicals										
6	VI	7561P	Computer Networks Lab	2 Hrs	—	50	25	50	2	2Hrs
7	VII	7563P	OOAD-Lab	2 Hrs	—	50	25	50	2	2Hrs
8	VIII	7564P	M D B M S Lab	2 Hrs	—	50	25	50	2	2Hrs
9	IX	E7565A E7565B	General Elective-1/ Optional: No SQL OR Big Data	4Hrs	—	50	20	50	2	2Hrs
Total				29 Hrs				700	27	
B. Sc. (CSE) 3rd Year, VI - Semester (CBCS)										
1	I	0506	English	3Hrs	20	80	32	100	3	2 Hrs
2	II	7666	Internet of Things	4Hrs	20	80	32	100	4	3 Hrs
3	III	7667	Web Programming	4Hrs	20	80	32	100	4	3 Hrs
4	IV	7668	Introduction to Data science & Python Programming	4Hrs	20	80	32	100	4	3 Hrs
Practicals										
5	V	7667P	Web Programming Lab	2 Hrs	—	50	25	50	2	2Hrs
6	VI	7668P	Python Programming Lab	2 Hrs	—	50	25	50	2	2Hrs
7	VII	7670P	Project and Seminar	5Hrs	-	100	40	100	6	3 Hrs
8	VIII	E7566 A E7566 B	General Elective-2/Optional: Machine Learning OR Data Engineering with Python	4Hrs	—	50	20	50	2	2Hrs
Total				29 Hrs				650	27	

GE-General Elective

[Signature]
COORDINATOR

PROFESSOR
P. V. Desai
Head of the Department of Computer Science & Engineering
Anwarul Uloom College of Engineering (Autonomous)
Osmania University
Hyderabad-500 007.

Head of the Department of Science & Engg
A. U. College of Engineering (Autonomous) - L. A. P.

[Signature]
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New Mallepally, Hyderabad-01.

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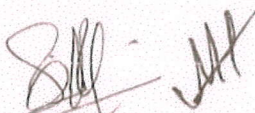
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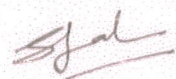
DEPARTMENT OF COMPUTER SCIENCE

STRUCTURE OF MODEL CURRICULUM FOR B.Sc. I, II & III YEAR (CBCS)

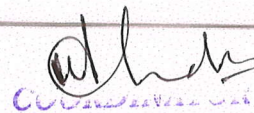
Class	Sem	Course/Paper	Code No	T	P	IA	Exam	Total	Credits
B.Sc. First Year (Batch- 2023-24)	I	Paper - I (Theory) Programming in C	6110	4		20	80	100	4
		Paper - I (C-LAB)	6110P		3		50	50	1
		AECC-I - ENV. STUDS.	A6110	2			50	50	2
	II	Paper - II (Theory) Programming in C++	6210	4		20	80	100	4
		Paper -II (C++-LAB)	6210P		3		50	50	1
		AECC-II (Basic Comp Skills)	A6210	2			50	50	2
B.Sc. Second Year (Batch- 2022 -23)	III	Paper -III (Theory) Data Structures	6310	4		20	80	100	4
		Paper -III (DS -LAB)	P6310		3		50	50	1
		SECC-I - CS (OR) PS	6310A1	2			50	50	2
		SECC-II - Python-I	6310A2	2			50	50	2
	IV	Paper -IV (Theory) DBMS	6410	4		20	80	100	4
		Paper -IV(DBMS- LAB)	6410P		3		50	50	1
		SECC-III- LMS (OR) (UIIV)	A6410	2			50	50	2
		SECC-IV- Python-II	A6410	2			50	50	2
B.Sc. Third Year (Batch- 2021-22)	V	Paper -V (Theory) Programming in JAVA	6510	4		20	80	100	4
		Paper -V-(Practical)	6510P		3		50	50	1
		GE- INFO. TECH.-I	G6510	2			50	50	2
	VI	Paper -VI (Theory) Web Technology	6610	4		20	80	100	4
		Paper -VI (Practical)	6610P		3		50	50	1
		PROJECT & Seminar	6610PS	4	4			100	4


Note: Student Project Details – Maximum 100 Marks Minimum 35 Marks
Credits – 04 Group size: Maximum 3 members


CHAIRMAN, BOS
COMPUTER SCIENCE
ANWARUL ULOOM COLLEGE


PROFESSOR
Department of Computer Science & Engineering
University College of Engineering (A)
Osmania University
Hyderabad-500 007

2


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New Mallepally, Hyderabad.


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New Mallepally, Hyderabad - 500 001, A.P., India.

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Faculty of Arts / Science / Social Science / Commerce / Business Admn

Department of Urdu (Second Language)

Under Graduate 1st & 2nd Year (CBCS)

Approved Syllabus for the Academic Year 2023-24

Course Structure (2023-24)



S.No	Year	Sem	Paper/Title	Teaching Hours W	Units	Credits	Marks		
							Internal Assmnt	End Sem	Total
1	1 st Year	I	Mutala-e-Adab part-I (Urdu Second Language)	4	4	4	20	80	100
2	1 st Year	I	Environmental Science (AECC-I)	2	2	2	-	50	50
3	1 st Year	II	Mutala-e-Adab Part-I I (Urdu Second Language)	4	4	4	15	80	100
4	1 st year	II	Basic Computer Skills (AECC-II)	2	2	2	-	50	50
5	2 nd year	III	Muala-e-Adab Part-II (Urdu Second Language)	3	3	3	15	35	50
6	2 nd Year	III	Urdu Sahafat-SECC-I SEC-II						
7	2 nd year	IV	Zauq-e-Adab Part II B	3	3	3	15	35	50
8	2 nd Year	IV	Urdu Sahafat-II SECC III SECC IV	2	2	2	-	50	50

AECC-Ability Enhancement Compulsory Course

SECC-Skill Enhancement Compulsory Course

IDE- Inter Disciplinary Course

HEAD
DEPARTMENT OF URDU
OSMANIA UNIVERSITY
ANWARUL ULOOM COLLEGE (AUTONOMOUS)
NEW MALLEPALLY, HYDERABAD-500001
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New Mallepally, Hyderabad.

PRINCIPAL
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad-01.

ANWARUL ULOOM COLLEGE (AUTONOMOUS)

B.Sc. - M.P. C Group Course Structure

SEMESTER - I (2023-24)

SUBJECT	UNIT	HPW	CREDIT	INT	EXT	TOTAL	FINAL EXAM TIME
English-I	4	4	4	20	80	100	3hrs
Second Language -I	4	4	4	20	80	100	3hrs
Mathematics -I	5	5	5	20	80	100	3hrs
Physics -I	4	4	4	20	80	100	3hrs
Practical	—	2	1	—	50	50	1hr
Chemistry -I	4	4	4	20	80	100	3hrs
Practical	—	2	1	—	50	50	1hr
AECC -I (EVS)	2	2	2	—	50	50	1hr
Total	—	—	25	100	550	650	

SEMESTER - II (2023-24)

SUBJECT	UNIT	HPW	CREDIT	INT	EXT	TOTAL	FINAL EXAM TIME
English-II	4	4	4	20	80	100	3hrs
Second Language -II	4	4	4	20	80	100	3hrs
Mathematics -II	5	5	5	20	80	100	3hrs
Physics -II	4	4	4	20	80	100	3hrs
Practical	—	2	1	—	50	50	1hr
Chemistry -II	4	4	4	20	80	100	3hrs
Practical	—	2	1	—	50	50	1hr
AECC -II (BCS)	2	2	2	—	50	50	1hr
Total	—	—	25	100	550	650	

M. Prasad
CHAIRMAN

M. Prasad
COORDINATOR

Internal Quality Assurance Cell
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad.

ANWARUL ULOOM COLLEGE, DEPARTMENT OF PHYSICS

M. Prasad
PRINCIPAL
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad.

ANWARUL ULOOM COLLEGE (AUTONOMOUS)

B.Sc. - M.P. C Group Course Structure

SEMESTER - III (2022-23) Batch

SUBJECT	UNIT	HPW	CREDIT	INT	EXT	TOTAL	FINAL EXAM TIME
English -III	4	4	4	20	80	100	3hrs
Second Language -III	4	4	4	20	80	100	3hrs
Mathematics -III	5	5	5	20	80	100	3hrs
Physics -III	4	4	4	20	80	100	3hrs
Practical	---	2	1	---	50	50	3hrs
Chemistry -III	4	4	4	20	80	100	3hrs
Practical	---	2	1	---	50	50	3hrs
SECC -I	2	2	2	---	50	50	2hrs
SECC -II	2	2	2	---	50	50	2hrs
Total	---	---	27	100	600	700	

SEMESTER - IV (2022-23) Batch

Basit

SUBJECT	UNIT	HPW	CREDIT	INT	EXT	TOTAL	FINAL EXAM TIME
English-IV	4	4	4	20	80	100	3hrs
Second Language-IV	4	4	4	20	80	100	3hrs
Mathematics -IV	5	5	5	20	80	100	3hrs
Physics -IV	4	4	4	20	80	100	3hrs
Practical	---	2	1	---	50	50	3hrs
Chemistry -IV	4	4	4	20	80	100	3hrs
Practical	---	2	1	---	50	50	3hrs
SECC -III	2	2	2	---	50	50	2hrs
SECC -IV	2	2	2	---	50	50	2hrs
Total	---	---	27	100	600	700	

Chairman BOS, Dept. of Physics
ANWAR-UL-ULOOM COLLEGE
Mallepally, Hyderabad-500 001.

ANWARUL ULOOM COLLEGE, DEPARTMENT OF PHYSICS

Internal
 CHAIRMAN
 Board of Studies in Physics
COORDINATOR
 Internal Quality Assurance Cell
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad.

11/6
Prof. H. ALEEM BASHA
 Programme Coordinator (Physical Sciences)
 School of Sciences

Basit
 Department of Physics
PRINCIPAL
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad-01.

ANWARUL ULOOM COLLEGE (AUTONOMOUS)

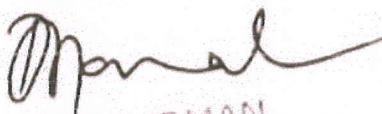
B.Sc. - M.P. C Group Course Structure

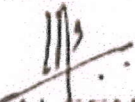
SEMESTER - V (2021-22) Batch

SUBJECT	UNIT	HPW	CREDIT	INT	EXT	TOTAL	FINAL EXAM TIME
ENGLISH -V	4	3	3	20	80	100	3hrs
Second Language-V	4	3	3	20	80	100	3hrs
Mathematics -V	5	5	5	20	80	100	3hrs
Physics -V	4	4	4	20	80	100	3hrs
Practical	---	2	1	---	50	50	3hrs
Chemistry -V	4	4	4	20	80	100	3hrs
Practical	---	2	1	---	50	50	3hrs
GE - I	2	2	2	---	50	50	2hrs
Total	---	---	23	100	550	650	

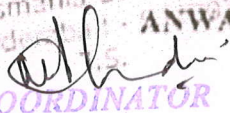
SEMESTER - VI (2021-22) Batch


SUBJECT	UNIT	HPW	CREDIT	INT	Chairman BOS, Dept. of Phys. ANWAR-UL-ULOOM COLLEGE, Mallepally, Hyderabad-500001.	EXT	TOTAL	FINAL EXAM TIME
English-VI	3	3	3	20	80	100	3hrs	
Second Language-VI	3	3	3	20	80	100	3hrs	
Mathematics -VI	5	5	5	20	80	100	3hrs	
Physics -VI	4	4	4	20	80	100	3hrs	
Practical	---	2	1	---	50	50	3hrs	
Chemistry -VI	4	4	4	20	80	100	3hrs	
Practical	---	2	1	---	50	50	3hrs	
GE - II	2	2	2	---	50	50	2hrs	
Total	---	---	23	100	550	650		


CHAIRMAN
Board of Studies in Physics
Osmania University
Hyderabad-500007


Prof. H. ALEEM BASHA
Programme Coordinator (Physical Sciences)
School of Sciences


HEAD OF DEPARTMENT
Department of Physics
Nizamia University
Hyderabad


COORDINATOR
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New Mallepally, Hyderabad.


PRINCIPAL
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New Mallepally, Hyderabad-01.

2023-2024		M.Sc. (Nutrition and Dietetics)			
Choice Based Credit system (CBCS) Syllabus Effective from 2023-24 admitted batch					
COURSE OUTLINE AND SCHEME OF EXAMINATION					
FIRST SEMESTER					
Paper No.	Title	Instruction Hrs/ Week	Duration of Examination (Hrs)	Credits	Maximum Marks
Theory					
ND 101 T (CORE)	Human Nutrition	3	2	3	100(50+50)
ND 102 T (CORE)	Nutritional Biochemistry I	3	2	3	100 (50+50)
ND 103 T (CORE)	Human Physiology	3	2	3	100(50+50)
ND 104 T (CORE)	Principles of Dietetics	3	2	3	100(50+50)
Practical					
ND 151 P	Human Nutrition	4	2	2	50(25+25)
ND 152 P	Nutritional Biochemistry I	4	2	2	50(25+25)
ND 153 P	Human Physiology	4	2	2	50(25+25)
ND 154 P	Principles of Dietetics	4	2	2	50(25+25)
	Total	28		20	600

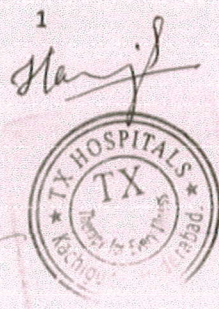
[Signature]
 Dr. B. BHIMA, M.Sc., Ph.D.
 Professor
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 Osmania University, Hyd-07.

[Signature]
 HEAD
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 Univ. College for Women
 Koti Hyderabad-095

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 M.S. Redhika
 डॉ.एम.एस. रेडHIKA, पीएच.डी. (पोषण)
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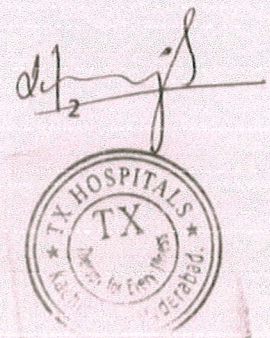
2023-2024

SECOND SEMESTER					
Paper No.	Title	Instructions Hrs/ Week	Duration of Examination	Credits	Maximum Marks
Theory					
ND 201 T (CORE)	Principles of Foods	3	2	3	100(50+50)
ND 202 T (CORE)	Nutritional Biochemistry II	3	2	3	100(50+50)
ND 203 T (CORE)	Research Methodology	3	2	3	100(50+50)
ND 204 T (CORE)	Diet in Disease	3	2	3	100(50+50)
Practical					
ND 251 P	Principles of Foods	4	2	2	50(25+25)
ND 252 P	Nutritional Biochemistry II	4	2	2	50(25+25)
ND 253 P	Research Methodology	4	2	2	50(25+25)
ND 254 P	Diet in Disease	4	2	2	50(25+25)
Total		28		20	

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M.Sc (Nutrition and Dietetics)
Choice Based Credit System(CBCS) Syllabus
2023-24
COURSE OUTLINE AND SCHEME OF EXAMINATION

THIRD SEMESTER

Paper No.	Title	Instructions Hrs/ Week	Duration of Examination (Hrs)	Credits	Maximum Marks
Theory					
ND 301 (CORE)	T Community Nutrition	3	3	3	100 (70+30)
ND 302 (CORE)	T Product Development	3	3	3	100 (70+30)
ELECTIVE-I		3	3	3	100 (70+30)
ND 303(i) T	(i) Maternal and Child Nutrition				
ND 303(ii) T	(ii) Geriatric Nutrition				
ELECTIVE-II		3	3	3	100 (70+30)
ND 304 (i) T	(i) Food Service Management				
ND 304 (ii) T	(ii) Institutional Food Management				
Practicals					
ND 351 (CORE)	P Community Nutrition	4	3	2	50
ND 352 (CORE)	P Product Development	4	3	2	50
ELECTIVE-I		2	2	1	25
ND 353 (i) P	(i) Maternal and Child Nutrition				
ND 353 (ii) P	(ii) Geriatric Nutrition				
ELECTIVE-II		2	2	1	25
ND 354 (i) P	(i) Food Service Management				
ND 354 (ii) P	(ii) Institutional Food Management				
Seminar		4		2	50
Total		24		20	600

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FOURTH SEMESTER

Paper No.		Instructions Hrs/ Week	Duration of Examination (Hrs)	Credits	Maximum Marks
ND 401 T (CORE)	Advanced Nutrition	3	3	3	100 (70+30)
ND 402 T (CORE)	Food Microbiology and Food Safety	3	3	3	100 (70+30)
ELECTIV E-III ND403(i) T	(i)Diet Counselling and Psychological Skills	3	3	3	100 (70+30)
ND403(ii)T	(ii) TECHNIQUES IN FOOD ANALYSIS				
Practicals					
ND 451 P (CORE)	Advanced Nutrition	4	3	2	50
ND 452 P(CORE)	Food Microbiology and Food Safety	4	3	2	50
ELECTIV E-III ND453(i) P	(i)Diet Counselling and Psychological Skills	2	2	1	50
ND453(ii)P	(ii) TECHNIQUES IN FOOD ANALYSIS				
ND 454 (i)P	Internship	2		2	50
ND 454(ii)P	Project	4		4	100
TOTAL		25		20	600
Grand Total				80	2400

M.S. Radhika

डॉ. एम. एस. राधिका, (प्राध्यापिका)
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Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad
 Affiliated to Osmania University
 (Re-Accredited with NAAC with A-Grade)
 Faculty of Science
Department of Nutrition & Dietetics
 B.Sc. (N.Z.C), 1ST YEAR
 Course Structure (2023-2024)

S.NO	SUBJECT	UNITS	HPW	CREDITS	INTERNALS	EXTERNAL	TOTAL	DU
SEMESTER - I								
1.	ENGLISH	4	4	4	20	80	100	3
2.	SECOND LANGUAGE	4	4	4	20	80	100	3
3.	NUTRITION (THEORY)	4	4	4	20	80	100	3
4.	NUTRITION (PRACTICALS)	-	2	1	-	25	25	2
5.	ZOOLOGY (THEORY)	4	4	4	20	80	100	3
6.	ZOOLOGY (PRACTICAL)	-	2	1	-	25	25	2
7.	CHEMISTRY (THEORY)	4	4	4	20	80	100	3
8.	CHEMISTRY (PRACTICAL)	-	2	1	20	25	25	2
9.	AECC-I (EVS)	2	2	2	-	50	50	2
		TOTAL		25			625	
SEMESTER - II								
1.	ENGLISH	4	4	4	20	80	100	3
2.	SECOND LANGUAGE	4	4	4	20	80	100	3
3.	NUTRITION (THEORY)	4	4	4	20	80	100	3
4.	NUTRITION (PRACTICALS)	-	2	1	-	25	25	2
5.	ZOOLOGY (THEORY)	4	4	4	20	80	100	3
6.	ZOOLOGY (PRACTICALS)	-	2	1	-	25	25	2
7.	CHEMISTRY (THEORY)	4	4	4	20	80	100	3
8.	CHEMISTRY (PRACTICAL)	-	2	1	-	25	25	2
		TOTAL		25			625	

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Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad
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 (Re-Accredited with NAAC with A-Grade)
 Faculty of Science
Department of Nutrition & Dietetics
 B.Sc. (N.Z.C)
 Course Structure (2023-2024)

SN.O.	YEAR	SEM.	PAPER/TITLE	Teaching hours/ week	Units	Credits	Marks		
							Internal Assessment	End Semester	Total
1	1 st Year 22-23	I	Introduction to Foods & Nutrition	4	4	4	20	80	100
2			Introduction to Foods & Nutrition (Practical's)	2	-	1	-	25	25
3			Environmental Science (AECC-I)	2	-	2	-	50	50
4	1 st Year 22-23	II	Nutritional Biochemistry and Human Physiology	4	4	4	20	80	100
5			Nutritional Biochemistry and Human Physiology (Practical)	2	-	1	-	25	25
6			Basic Computer Skills (AECC-II)	2	-	2	-	50	50
7	2 nd Year 22-23	III	Normal Therapeutic Nutrition-Theory	4	4	4	20	80	100
8			Normal And Therapeutic Nutrition-Practical	2	-	1	-	25	25
			Communication skills(SECC-I) or Professional Skills(SECC-I)	2	-	2	-	50	50
			Food Service Management (SECC-II) or Bakery Science (SECC-II)	2	2	2	-	50	50
9									

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 New Mallepally, Hyderabad.

10	2 nd Year 22-23	IV	Diet In Disease- Theory	4	4	4	20	80	100
11			Diet In Disease - Practical	2	-	1	-	25	25
			Leadership & Mgmt.skills- (SECC- III) or	2	-	2	-	50	50
			Universal Human Values - (SECC-III)	"	"	"	"	"	"
12			Diet Counseling Skills (SECC-IV) or	2	-	2	-	50	50
	Strategies For Weight Management (SECC-IV)	"	-	"	-	"	"		
13	3 rd Year 22-23	V	A- CLINICAL DIETETICS (THEORY)	4	4	4	20	80	100
14			A CLINICAL DIETETICS (PRACTICAL) OR	2	-	1	-	25	25
17			B - DIET THERAPY (THEORY)	4	4	4	20	80	100
			B - DIET THERAPY (PRACTICAL)	2	-	2	-	25	25
18			501 NUTRITION, HEALTH AND FITNESS (THEORY) (GE- 1)	-	-	2	-	50	50
19			3 rd Year 22-23	VI	PUBLIC HEALTH NUTRITION (THEORY)	4	4	4	20
20	PUBLIC HEALTH NUTRITION (PRACTICAL)(OR)	2			-	1	-	25	25
23	B - COMMUNITY NUTRITION (THEORY)	4			4	4	20	80	100
	B - COMMUNITY NUTRITION (PRACTICAL)	2			-	1	-	25	25
25	Project	4			-	4	-	50	50
	internship					4		50	50
	Nutrition and Yoga for Health (Optional Paper)	4			-	4		50	50

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New Mallepally, Hyderabad
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Faculty of Science
Department of Zoology
B. Sc. (B.Z.C., N. Z. C.)
Course Structure in Part – II (2023 – 24)

S. No.	Year	Sem.	Paper / Title	Teaching Hours / Week	Units	Credits	Marks		
							Internal Assessment	External Assessment	Total
1	1 st Year	I	Animal Diversity (Invertebrates) – Theory	4	4	4	20	80	100
2			Animal Diversity (Invertebrates) – Practicals	2	—	1	—	—	50
3			Environmental Science (AECC-I)	2	2	2	—	—	50
4	1 st Year	II	Ecology, Zoogeography and Animal behavior – Theory	4	4	4	20	80	100
5			Ecology, Zoogeography and Animal behavior – Practicals	2	—	1	—	—	50
6			Basic computer skills (AECC-II)	2	2	2	—	—	50
7	2 nd Year	III	Animal Physiology - Theory	4	4	4	20	80	100
8			Animal Physiology - Practicals	2	—	1	—	—	50
9			(SECC – I) a) Communication Skills OR b) Professional Skills	2	2	2	—	50	50
			(SECC – II) a) Vectors OR b) Vermiculture	2	2	2	—	50	50
10	2 nd Year	IV	Cell Biology, Genetics & Evolution – Theory	4	4	4	20	80	100
11			Cell Biology, Genetics & Evolution – Practical	2	—	1	—	—	50
12			(SECC – III) a) Leadership and Management Skills OR	2	2	2	—	—	50

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			b) Universal Human Values						
			(SECC - IV)						
			a) Apiculture OR b) Biodiversity Conservation & Eco - Tourism	2	2	2	—	—	50
13	3 rd Year	V	Zoology V A (Biochemistry and Endocrinology) - Theory	4	4	4	20	80	100
14			Zoology V A ((Biochemistry and Endocrinology) - Practicals (OR)	2	—	1	—	—	50
15			Zoology V B-Laboratory Animals Maintenance and Applications - Theory	4	4	4	20	80	100
16			Zoology V B- - Laboratory Animals Maintenance and Applications - Practical	2	—	1	—	—	50
17			Apiculture - (GE-i)	2	2	2	—	50	50
18			Preventive Medicine (GE -II)	2	2	2	—	50	50
19	3 rd Year	VI	Zoology VI A (Fisheries & Limnology) -- Theory	4	4	4	20	80	100
20			Zoology VI A (Fisheries & Limnology) -Practicals (OR)	2	—	1	—	—	50
21			Zoology VI B (Immunology & Biotechnology) - Theory	4	4	4	20	80	100
22			Zoology VI B (Immunology & Biotechnology) - Practical	2	—	1	—	—	50
23			Project OR	4	4	4	—	50	50
24			Advanced Chemistry	4	4	4	—	50	50

AECC - Ability Enhancement Compulsory Course
SECC - Skill Enhancement Compulsory Course
GE - Generic Elective

[Signature]
CHAIR MEN
Board of Studies in Zoology,
Osmania University, Hyd-07.

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Head of the Department
HEAD & CHAIRPERSON
BOARD OF STUDIES
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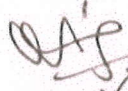
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New Mallepally, Hyderabad.

DEPARTMENT OF ECONOMICS
(APPROVAL OF SYLLABUS FOR THE ACADEMIC YEAR 2023-2024)

	YEAR	SEM	PAPER	TITLE	UNITS	IA MARKS	SEM MARKS	TEACHING HRS	CREADITS
1	1 ST YEAR	I	I	MICRO-ECONOMICS	5	20	80	5 HRS	5
2			AECC-I	ENVIRONMENTAL STUDIES	2	--	50	2 HRS	2
3	1 ST YEAR	II	II	MACRO-ECONOMICS	5	20	80	5 HRS	5
4			AECC-II	BASIC COMPUTER SKILLS	2	--	50	2 HRS	2
5	2 ND YEAR	III	III	STATISTIC FOR ECONOMICS	5	20	80	5 HRS	5
6			SECC-I	COMMUNICATION SKILL or PROFESSIONAL SKILLS	--	--	50	2HRS	2
7			SECC-II	Money and Banking or ENVIRONMENTAL ECONOMICS	--	--	50	2HRS	2
8			IV	INDIAN ECONOMY	5	20	80	5HRS	5
9	2 ND YEAR	IV	SECC-III	LEADERSHIP AND MANEGMENT SKILL Or UNIVERSAL HUMAN VALUES	--	--	50	2HRS	2
10			SECC-IV	INDUSTRIAL ECONOMICS Or ENTREPRENEURSHIP AND DEVELOPMENT	--	--	50	2HRS	2
11	3 RD YEAR	V	V	DEVELOPMENT ECONOMICS	5	20	80	5HRS	5
13			GE-I	RURAL DEVELOPMENT	--	--	50	2HRS	2
14	3 RD YEAR	VI	VI	INTERNATIONAL ECONOMICS	5	20	80	5HRS	5
16			GE-II	FINANCIAL ECONOMICS	--	--	50	2HRS	2


COORDINATOR

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15/11/2023

Prof. I. Daisy
Chairperson
Board of Studies
Dept. of Economic
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ANWARUL ULOOM COLLEGE

(Autonomous)

(An Autonomous Muslim Minority Institution)
New Mallepally, Hyderabad – 500 001, T.S. India
(Affiliated to Osmania University)



FACULTY OF ARTS

Degree I II III year Second Language Hindi

Semesters – I, II, III, IV, V,VI,

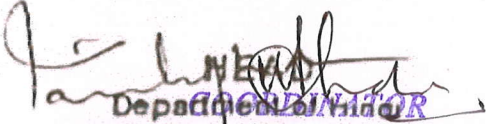
(2022 – 2023)

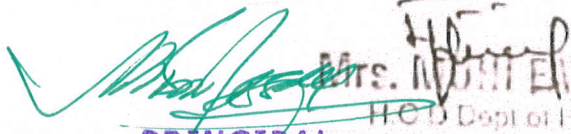
Course Structure

Choice Based Credit System Pattern

Approved Syllabus for the Academic Year 2022 – 2023

Sem	Subject	Code	TPW	Units	Credits	Int.	Ext	Total
I	Gadya Darpan I to VI lessons, Katha Sindhu I to V stories	0104	4	4	4	20	80	100
II	Gadya Darpan VII to XII lessons, Katha Sindhu VI to X stories	0204	4	4	4	20	80	100
III	Kavya Nidhi poem 1&4,5,6,7,8 History of Hindi Literature(I&II) Kaal	0304	3	3	3	20	80	100
IV	Kavya Nidhi poem 9,10,11,13,14,15,16 History of Hindi Literature (III&IV) Kaal	0404	3	3	3	20	80	100
V		0504	3	3	3	15	35	50
VI		0604	3	3	3	15	35	50


Department Head
NIZAM COLLEGE Quality Assurance Cell
Anwarul Uloom College (Autonomous),
New Mallepally, Hyderabad.


Mrs. N. J. ENTING
H.O. Dept of HINDI
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New Mallepally, Hyderabad-01

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PROGRAM STRUCTURE

Academic Year 2024-25

Sem	subject	Code	TPW	Units	Credits	Int.	Ext.	Total
I Sem.	SahitiManjeera-I	O103	4	4	4	20	80	100
II Sem.	SahitiManjeera-II	O203	4	4	4	20	80	100
III Sem.	SahitiKinnera-I	O303	3	3	3	20	80	100
IV Sem.	SahitiKinnera-II	O403	3	3	3	20	80	100
V Sem.	Saahiti Dundubhi-I	O503	3	3	3	20	80	100
VI Sem.	Saahiti Dundubhi-II	O603	3	3	3	20	80	100

D. S. Yemala

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New Mallepally, Hyderabad.

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Professor

Department of Telugu
Asst. Professor
Osmania University, Hyd-0
Department of Telugu
Osmania University, Hyd-0

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DEPARTMENT OF POLITICAL SCIENCES (CBCS)

B.A (POLITICAL SCIENCE, HISTORY AND MODERN LANG URDU)

COURSE STRUCTURE (HPML)

Approved syllabus for the academic year : (2023-24)

S.N O	SE M	SEMESTE R	PAPER/TITLE	TEACHING HOURS/WE EK	UNIT S	CREDI TS	MAR KS			
							IA	E S	TOT AL	
1.	I	LANG	ENGLISH	4	4	4	20	80	100	
2.	I	LANG	SECOND LANG-1	4	4	4	20	80	100	
3.	I	DSC	POLITICAL SCIENCE-1 UNDERSTANDI NG POLITICAL THEORY	5	5	5	20	80	100	
4.	I	DSC	HISTIRY-1	5	5	5	20	80	100	
5.	I	DSC	M.L (URDU) - 1	5	5	5	20	80	100	
6.	I	AECC-1	ENVIRONMEN TAL STUDIES	2	2	2	-	50	50	
7.	II	LANG	ENGLISH-II	4	4	4	20	80	100	
8.	II	LANG	SECOND LANG-II	4	4	4	20	80	100	
9.	II	DSC	POLITICAL SCIENCE-II WESTERN POLITICAL THOUGHT	5			20	80	100	
10	II	DSC	HISTORY-11	5			20	80	100	
11	II	DSC	M.L (URDU)-II	5			20	80	100	
12	II	AECC-II	BASIC COMPUTER SKILLS	2	2	2	-	50	50	
13	III	LANG	ENGLISH-III	4	4	4	20	80	100	
14	III	LANG	SECOND LANG-III	4	4	4	20	80	100	

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15 III	DSC	POLITICAL SCIENCE-III INDIAN POLITICAL THOUGHT	5			20	80	100
16 III	DSC	HISTORY-III	5			20	80	100
17 III	DSC	M.L (URDU)-III	5			20	80	100
III	SECC-I	COMMUNICAT ION SKILLS OR PROFESSIONA L SKILLS	2	2	2	-	50	50
			2	2	2	-	50	50
	SECC-II	POLITICAL PARTIES OR PRESSURE GROUPS AND MEDIA						
18 IV	LANG	ENGLISH-IV	4	4	4	20	80	100
19 IV	LANG	SECOND LANG-IV	4	4	4	20	80	100
20 IV	DSC	POLITICAL SCIENCE-IV CONSTITUTIO N AND POLITICS OF INDIA	4	4	4	20	80	100
21 IV	DSC	HISTORY-IV	4	4	4	20	80	100
22 IV	DSC	M.L (URDU)-IV	4	4	4	20	80	100
23 IV	SECC-III	LEADERSHIP & MGMT SKILLS OR UNIVERSAL HUMAN VALUES	2	2	2	-	50	50
			2	2	2	-	50	50
		INDIAN						

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	SECC-IV	FREEDOM MOVEMENT OR INDIAN CONSTITUTIO N						
24 V	LANG	ENGLISH - V	3	3	3	20	80	50
25 V	LANG	SECOND LANG-V	3	3	3	20	80	50
26 V	DSC	POLITICAL SCIENCE-V INTERNATION AL RELATIONS	5	5	5	20	80	50
27 V	DSC	HISTORY-V	5	5	5	20	80	50
28 V	DSC	M.L (URDU) - V	5	5	5	20	80	50
29 V	GE-I	ORGANS OF THE GOVERNMENT	2	2	2	-	50	50
VI	LANG	ENGLISH - VI	3	3	3	-	80	50
30 VI	LANG	SECOND LANGUAGE-VI	3	3	3	20	80	50
31 VI	DSC	POLITICAL SCIENCE - VI GLOBAL POLITICS	5	5	5	20	80	50
32 VI	DSC	HISTORY -VI	5	5	5	20	80	50
33 VI	DSC	M.L (URDU) - VI	5	5	5	20	80	50
34 VI	GE-II	FORMS OF THE GOVERNMENT S	2	2	2	-	50	50

Course Structure for Semester I, II, III, IV, V & VI for the academic year 20-23-24

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B.A (POLITICAL SCIENCE)

COURSE STRUCTURE

APPROVED SYLLABUS FOR THE ACADEMIC YEAR (2023-24)

S.NO	YEAR 2022-23	SEM	PAPER	TITLE	I A	E S E	TEACHI NG HOURS	CR EDI T
1	1ST YEAR	I	I DSC	UNDERSTANDING POLITICAL THEORY	20	80	5	5
2			AECC1	ENVIRONMENTAL STUDIES		50	2	2
3	1 ST YEAR	II	II DSC	WESTERN POLITICAL THOUGHTS	20	80	5	5
4			AECC2	BASIC COMPUTER SKILLS		50	2	2
5	2 ND YEAR 2021-22	III	III DSC	INDIAN POLITICAL THOUGHT	20	80	5	5
6			SECC-I	A. COMMUNICATI ON SKILLS OR B. PROFESSIONAL SKILLS		50	2	2
			SECC- II	A. POLITICAL PARTIES OR B. PRESSURE GROUPS & MEDIA		50	2	2
7	2 ND		IV DSC	CONSTITUTION AND POLITICAL DEVELOPMENT IN INDIA	20	80	5	5

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8	YEAR	IV	SECC-III	A. LEADERSHIP & MGMT SKILLS OR B. UNIVERSAL HUMAN VALUES		50	2	2
			SECC-IV	A. INDIAN FREEDOM MOVT OR B. INDIAN CONSTITUTION		50	2	2
9	3 RD YEAR 2020-21		V. DSC	INTERNATIONAL RELATIONS	20	80	5	5
10			GE - I	ORGANS OF THE GOVERNMENTS			2	2
11			VI DSC	GLOBAL POLITICS	20	80	5	5
12			GE - II	FORMS OF THE GOVERNMENT			2	2

DSC = DISCIPLINE SPECIFIC COURSE.

SECC= SKILL ENHANCEMENT COMPULSORY COURSE

AECC = ABILITY ENHANCEMENT COMPULSORY COURSE

GE= General elective & SECC III & SECC IV changed.

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DEPARTMENT OF PUBLIC ADMINISTRATION (CBCS)

PROGRAM STRUCTURE - YEAR 2023-24

S.No	Year	Sem	Paper	Title	Internal Marks	Sem Marks	Teaching Hours	Credits
1	1 st Year	I	DSC I	Basics of Public Administration	20	80	5	5
2			AECC I	Environmental Studies		50	2	2
3	1 st Year	II	DSC II	Principles and Emerging Trends	20	80	5	5
4			AECC II	Basic Computer Skills		50	2	2
5	2 nd Year	III	DSC III	Indian Administration- Union Government	20	80	5	5
6			SECC I	A. Communicati on skills Or B. professional skills		50	2	2
			SECC II	Local governance or		50	2	2

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				public relations				
7	2 nd Year		DSC IV	State Administration	20	80	5	5
			SECC III	A. Leadership & management skills Or B. universai human values		50	2	2
8		IV	SECC IV	Trends in local Governance- Rural Governance Or Trends in Local Governance- Urban Governance		50	2	2
9			DSC V	Human Resource Management	20	80	5	5
11			GE I	Social Reforms Movement in India		50	2	2
12			DSC VI	Financial Management and Material Management	20	80	5	5
14			GE II	Telangana Movement		50	2	2

AECC: Ability Enhancement Compulsory Course

DSC: Discipline Specific Course.

GE: General Elective & Sec III & Sec IV Include

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Univ. College of Arts & Social Scis
Osmania University, Hyd-7. (7)

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Faculty of Arts /Science /Social Science Department of Urdu (Modern Language)

B.A (HPML) (CBCS) Approved Syllabus for the Academic Year 2023-24

Course Structure (2023-24)

S.No	Year	Sem	Paper/Title	Teaching Hours W	Units	Credits	Marks		Total
							Internal Assmnt	End Sem	
1	1 st Year	I	Zauq-e-Adab Part I(A)	5	5	5	20	80	100
2	1 st Year	I	Environmental Studies AECC-I	2	2	2	-	50	50
3	1 st Year	II	Zauq-e-Adab Part I(B)	5	5	5	20	80	100
4	1 st year	II	Basic Computer Skills (AECC-II)	2	2	2	-	50	50
5	2 nd year	III	Zauq-e-Adab Part II(A) SECC I	5	5	5	15	35	50
6	2 nd year	III	Urdu Sahafat SECC II	2	2	2	-	50	50
7	2 nd Year	IV	Zauq-e-Adab part II B SECC III	5	5	5	15	35	50
8	2 nd Year	IV	Urdu Sahafat SEC IV	2	2	2	-	50	50
9	3 rd year	V	Electives –V A) Adab ka Mutala Or B) Tareeq-e-Adab Urdu	5	5	5	15	35	50
10	3 rd year	V	Introduction to Poet (SECC III Course)	2	2	1	15	35	25
11	3 rd Year	V	Calligraphy (GE-I Course)						
12	3 rd Year	VI	Electives A) Ghalib-0-Iqbal (Ghazlen/Nazmen) Or	5	5	5	15	35	50
13	3 rd Y	VI	B) Ghalib-0-Iqbal (Ghazlen/ Nazmen)	5	5	5	15	35	50
14	3 rd Year	VI	Qirat Couse (SECC-IV)	2	2	1	15	35	25

HEAD

DEPARTMENT OF URDU
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