



ANWARUL ULOOM COLLEGE (AUTONOMOUS)

(Accredited by NAAC with 'A' Grade & An ISO 9001:2015 Certified Institution)

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: _____

1.2.1. DETAILS OF NEW COURSES OFFERED BY THE INSTITUTION THAT FOCUSES ON EMPLOYABILITY/ENTREPRENEURSHIP FOR THE YEAR 2021-22

S.NO	NAME OF THE COURSE	COURSE CODE	YEAR/SEMESTER	PROGRAMME NAME	YEAR OF INTRODUCTION
1.	ARABIC - I	SL0103	IYEARISEMESTER	B.A., B.COM, BSC, BBA, BBM	1964
2.	ARABIC - II	SL0203	I YEARISEMESTER	B.A., B.COM, BSC, BBA, BBM	1964
3.	ARABIC - V	SL0503	IIIYEARVSEMESTER	B.A., B.COM, BSC, BBA, BBM	1964
4.	ARABIC - VI	SL0603	IIIYEARVISEMESTER	B.A., B.COM, BSC, BBA, BBM	1964
5.	CELL BIOLOGY &GENETIC - I	6108	I YEARISEMESTER	BSC, (BTMBC, BTBC)	1992
6.	CELL BIOLOGY &GENETIC PR	6108-P	I YEARISEMESTER	BSC, (BTMBC, BTBC)	1992
7.	NUCLEIC, ACID & BIOCHEMISTRY	6208	I YEARISEMESTER	BSC, (BTMBC, BTBC)	1992
8.	NUCLEIC ACIDS& BIOCHEMISTRY PR	6208-P	I YEARISEMESTER	BSC, (BTMBC, BTBC)	1992
9.	CELL BIOLOGY AND GENETIC	BT101T	I YEARISEMESTER	MSC (BIOTECHNOLOGY)	2015
10.	BIOLOGICAL CHEMISTRY	BT102T	IYEARISEMESTER	MSC (BIOTECHNOLOGY)	2015
11.	MICROBIOLOGY	BT103T	IYEARISEMESTER	MSC (BIOTECHNOLOGY)	2015
12.	STATISTICS, LABORATORY MANAGEMENT & SAFETY, ENTREPRENEURSHIP	BT104T	IYEARISEMESTER	MSC (BIOTECHNOLOGY)	2015
13.	CELL BIOLOGY AND GENETIC PR	BT151P	IYEARISEMESTER	MSC (BIOTECHNOLOGY)	2015
14.	BIOLOGICAL CHEMISTRY PR	BT152P	IYEARISEMESTER	MSC (BIOTECHNOLOGY)	2015
15.	MICROBIOLOGY PR	BT153P	IYEARISEMESTER	MSC (BIOTECHNOLOGY)	2015
16.	STATISTICS, LABORATORY MANAGEMENT & SAFETY, ENTREPRENEURSHIP PR	BT154P	IYEARISEMESTER	MSC (BIOTECHNOLOGY)	2015

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17.	MOLECULAR BIOLOGY - THE GENOME	BT201T	IYEARISEMESTER	MSC (BIOTECHNOLOGY)	2015
18.	MOLECULAR BIOLOGY - GENES TO PROTEIN	BT202T	IYEARISEMESTER	MSC (BIOTECHNOLOGY)	2015
19.	IMMUNOLOGY	BT203T	IYEARISEMESTER	MSC (BIOTECHNOLOGY)	2015
20.	MICROBIAL TECHNOLOGY _ PR	BT204T	IYEARISEMESTER	MSC (BIOTECHNOLOGY)	2015
21.	MOLECULAR BIOLOGY - THE GENOME - PR	BT251P	IYEARISEMESTER	MSC (BIOTECHNOLOGY)	2015
22.	MOLECULAR BIOLOGY - GENES TO PROTEIN- PR	BT252P	IYEARISEMESTER	MSC (BIOTECHNOLOGY)	2015
23.	IMMUNOLOGY - PR	BT253P	IYEARISEMESTER	MSC (BIOTECHNOLOGY)	2015
24.	MICROBIAL TECHNOLOGY - PR	BT254P	IYEARISEMESTER	MSC (BIOTECHNOLOGY)	2015
25.	MICROBIAL DIVERSITY AND LOWER PLANTS	6107	IYEARISEMESTER	BSC (BZC, BTBC)	1964
26.	MICROBIAL DIVERSITY AND LOWER PLANTS – PR	6107P	IYEARISEMESTER	BSC (BZC, BTBC)	1964
27.	ENVIRONMENTAL SCIENCE	A6107	IYEARISEMESTER	BSC (BZC, BTBC)	1964
28.	GYMNOSPERMS TAXONOMY OF ANGIOSPERMS & ECOLOGY	6207	IYEARISEMESTER	BSC (BZC, BTBC)	1964
29.	GYMNOSPERMS TAXONOMY OF ANGIOSPERMS & ECOLOGY- PR	6207P	IYEARISEMESTER	BSC (BZC, BTBC)	1964
30.	BASIC COMPUTER SKILLS	I6207	IYEARISEMESTER	BSC (BZC, BTBC)	1964
31.	PHYCOLOGY AND MYCOLOGY	MBOT.OC.T.1. 101	IYEARISEMESTER	MSC (BOTANY)	1989

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32.	BRYOPHYTE & PTERIDOPHYTA	MBOT.OC.T.1. 102	IYEARISEMESTER	MSC (BOTANY)	1989
33.	TAXONOMY OF ANGIOSPERMS AND MEDICINAL BOTANY	MBOT.OC.T.1. 103	IYEARISEMESTER	MSC (BOTANY)	1989
34.	PLANT BIOCHEMISTRY	MBOT.OC.T.1. 104	IYEARISEMESTER	MSC (BOTANY)	1989
35.	PRACTICAL LAB - I	MBOT.OC.P.1. 105	IYEARISEMESTER	MSC (BOTANY)	1989
36.	PRACTICAL LAB – II	MBOT.OC.P.1. 106	IYEARISEMESTER	MSC (BOTANY)	1989
37.	PRACTICAL LAB – III	MBOT.OC.P.1. 107	IYEARISEMESTER	MSC (BOTANY)	1989
38.	PRACTICAL LAB - IV	MBOT.OC.P.1. 108	IYEARISEMESTER	MSC (BOTANY)	1989
39.	APPLIED PHYSIOLOGY AND MYCOLOGY	MBOT.OC.T.1. 201	IYEARISEMESTER	MSC (BOTANY)	1989
40.	GYMNOSPERMS AND EMBRYOLOGY	MBOT.OC.T.1. 202	IYEARISEMESTER	MSC (BOTANY)	1989
41.	PLANT ANATOMY AND PALYNOLOGY	MBOT.OC.T.1. 203	IYEARISEMESTER	MSC (BOTANY)	1989
42.	PLANT PHYSIOLOGY	MBOT.OC.T.1. 204	IYEARISEMESTER	MSC (BOTANY)	1989
43.	PRACTICAL LAB - I	MBOT.OC.P.1. 205	IYEARISEMESTER	MSC (BOTANY)	1989
44.	PRACTICAL LAB – II	MBOT.OC.P.1. 206	IYEARISEMESTER	MSC (BOTANY)	1989
45.	PRACTICAL LAB – III	MBOT.OC.P.1. 207	IYEARISEMESTER	MSC (BOTANY)	1989

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46.	PRACTICAL LAB - IV	MBOT.OC.P.1. 208	IYEARISEMESTER	MSC (BOTANY)	1989
47.	PRINCIPLES OF MANAGEMENT	BBA101	IYEARISEMESTER	BBA	2011
48.	BASICS OF MARKETING	BBA102	IYEARISEMESTER	BBA	2011
49.	BUSINESS ECONOMICS	BBA103	IYEARISEMESTER	BBA	2011
50.	ENVIRONMENTAL SCIENCE	AECC1	IYEARISEMESTER	BBA	2011
51.	ORGANISATIONAL BEHAVIOUR	BBA201	IYEARISEMESTER	BBA	2011
52.	BUSINESS STATISTICS	BBA202	IYEARISEMESTER	BBA	2011
53.	FINANCIAL ACCOUNTING	BBA203	IYEARISEMESTER	BBA	2011
54.	BUSINESS CORRESPONDANCE & COMMUNICATIONS	BBA204	IYEARISEMESTER	BBA	2011
55.	BASIC COMPUTER SKILLS	AECC2	IYEARISEMESTER	BBA	2011
56.	MIL-I	MIL-I	I YEAR I SEMESTER	BBM	2020
57.	ENVIRONMENT SCIENCE	AECC-I	I YEAR I SEMESTER	BBM	2020
58.	PRINCIPAL OF MANAGEMENT	BBM101	I YEAR I SEMESTER	BBM	2020
59.	FINANCIAL ACCOUNTING	BBM102	I YEAR I SEMESTER	BBM	2020
60.	BUSINESS ECONOMICS	BBM103	I YEAR I SEMESTER	BBM	2020
61.	MIL --II	MIL-II	I YEAR II SEMESTER	BBM	2020
62.	BASIC COMPUTER SKILL	AECC-II	I YEAR II SEMESTER	BBM	2020
63.	FUNDAMENTALS OF MARKETING	BBM201	I YEAR II SEMESTER	BBM	2020
64.	BUSINESS STATISTICS	BBM202	I YEAR II SEMESTER	BBM	2020

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65.	BUSINESS CORRESPONDENCE AND COMMUNICATION	BBM203	I YEAR II SEMESTER	BBM	2020
66.	FINANCIAL ACCOUNTING	BCO101	IYEARISEMESTER	B.COM (GENERAL)	1964
67.	BUSINESS ORGANIZATION & MANAGEMENT	BCO102	IYEARISEMESTER	B.COM (GENERAL)	1964
68.	FOREIGN TRADE	BCO103	IYEARISEMESTER	B.COM (GENERAL)	1964
69.	ENVIRONMENTAL SCIENCE	AECC1	IYEARISEMESTER	B.COM (GENERAL)	1964
70.	FINANCIAL ACCOUNTING – II	BCO201	IYEARISEMESTER	B.COM (GENERAL)	1964
71.	BUSINESS LAWS	BCO202	IYEARISEMESTER	B.COM (GENERAL)	1964
72.	BANKING & FINANCIAL SERVICES	BCO203	IYEARISEMESTER	B.COM (GENERAL)	1964
73.	BASIC COMPUTER SKILLS	AECC2	IYEARISEMESTER	B.COM (GENERAL)	1964
74.	FINANCIAL ACCOUNTING-I	BCO101	IYEARISEMESTER	B.COM (COMPUTERS APPLICATIONS)	1964
75.	BUSINESS ORGANIZATION & MANAGEMENT	BCO102	IYEARISEMESTER	B.COM (COMPUTERS APPLICATIONS)	1964
76.	FUNDAMENTALS OF IT	BCO103	IYEARISEMESTER	B.COM (COMPUTERS APPLICATIONS)	1964
77.	ENVIRONMENTAL SCIENCE	AECC1	IYEARISEMESTER	B.COM (COMPUTERS APPLICATIONS)	1964
78.	FINANCIAL ACCOUNTING-II	BCO201	IYEARISEMESTER	B.COM (COMPUTERS APPLICATIONS)	1964
79.	BUSINESS LAWS	BCO202	IYEARISEMESTER	B.COM (COMPUTERS APPLICATIONS)	1964

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80.	OOP USING JAVA	BCO203	IYEARISEMESTER	B.COM (COMPUTERS APPLICATIONS)	1964
81.	BASIC COMPUTER SKILLS	AECC2	IYEARISEMESTER	B.COM (COMPUTERS APPLICATIONS)	1964
82.	FINANCIAL ACCOUNTING-I	BCO101	IYEARISEMESTER	B.COM (E-COMMERCE)	2001
83.	BUSINESS ORGANIZATION & MANAGEMENT	BCO102	IYEARISEMESTER	B.COM (E-COMMERCE)	2001
84.	FUNDAMENTALS OF IT	BCO103	IYEARISEMESTER	B.COM (E-COMMERCE)	2001
85.	ENVIRONMENTAL SCIENCE	AECC1	IYEARISEMESTER	B.COM (E-COMMERCE)	2001
86.	FINANCIAL ACCOUNTING-II	BCO201	IYEARISEMESTER	B.COM (E-COMMERCE)	2001
87.	BUSINESS LAWS	BCO202	IYEARISEMESTER	B.COM (E-COMMERCE)	2001
88.	RELATIONAL DATABASE MANAGEMENT SYSTEMS	BCO203	IYEARISEMESTER	B.COM (E-COMMERCE)	2001
89.	BASIC COMPUTER SKILLS	AECC2	IYEARISEMESTER	B.COM (E-COMMERCE)	2001
90.	ADVANCED ACCOUNTING	BCO301	IYEARISEMESTER	B.COM (E-COMMERCE)	2001
91.	BUSINESS STATISTICS – I	BCO302	IYEARISEMESTER	B.COM (E-COMMERCE)	2001
92.	PROGRAMMING WITH C	BCO303	IYEARISEMESTER	B.COM (E-COMMERCE)	2001
93.	PRINCIPLES OF INSURANCE FOUNDATION OF DIGITAL MARKETINGS FUNDAMENTAL OF BUSINESS ANALYTICS	SECC1	IYEARISEMESTER	B.COM (E-COMMERCE)	2001
94.	FINANCIAL ACCOUNTING-I	BCO101	I YEAR I SEMESTER	B.COM (ASM)	2019
95.	BUSINESS ORGANIZATION & MANAGEMENT	BCO102	I YEAR I SEMESTER	B.COM (ASM)	2019

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Ref. No.				Date:	
96.	MARKETING MANAGEMENT	BCO103	I YEAR I SEMESTER	B.COM (ASM)	2019
97.	ENVIRONMENTAL SCIENCE	AECC1	I YEAR I SEMESTER	B.COM (ASM)	2019
98.	FINANCIAL ACCOUNTING-II	BCO201	I YEAR II SEMESTER	B.COM (ASM)	2019
99.	BUSINESS LAWS	BCO202	I YEARII SEMESTER	B.COM (ASM)	2019
100.	FUNDAMENTALS OF ADVERTISING	BCO203	I YEARII SEMESTER	B.COM (ASM)	2019
101.	BASIC COMPUTER SKILLS	AECC2	I YEARII SEMESTER	B.COM (ASM)	2019
102.	ADVANCED ACCOUNTING	BCO301	I YEARIII SEMESTER	B.COM (ASM)	2019
103.	BUSINESS STATISTICS – I	BCO302	I YEARIII SEMESTER	B.COM (ASM)	2019
104.	FINANCIAL ACCOUNTING-I	BCO101	I YEAR I SEMESTER	B.COM (FOREIGN TRADE)	2019
105.	BUSINESS ORGANIZATION & MANAGEMENT	BCO102	I YEAR I SEMESTER	B.COM (FOREIGN TRADE)	2019
106.	INTRODUCTION TO INTERNATIONAL BUSINESS	BCO103	I YEAR I SEMESTER	B.COM (FOREIGN TRADE)	2019
107.	ENVIRONMENTAL SCIENCE	AECC1	I YEAR I SEMESTER	B.COM (FOREIGN TRADE)	2019
108.	FINANCIAL ACCOUNTING-II	BCO201	I YEAR II SEMESTER	B.COM (FOREIGN TRADE)	2019
109.	BUSINESS LAWS	BCO202	I YEARII SEMESTER	B.COM (FOREIGN TRADE)	2019
110.	EXPORT MARKETING	BCO203	I YEARII SEMESTER	B.COM (FOREIGN TRADE)	2019
111.	BASIC COMPUTER SKILLS	AECC2	I YEARII SEMESTER	B.COM (FOREIGN TRADE)	2019
112.	FINANCIAL ACCOUNTING-I	BCO101	I YEAR I SEMESTER	B.COM (TAX PRACTICE)	2020
113.	BUSINESS ORGANIZATION & MANAGEMENT	BCO102	I YEAR I SEMESTER	B.COM (TAX PRACTICE)	2020
114.	INCOME TAX-I	BCO103	I YEAR I SEMESTER	B.COM (TAX PRACTICE)	2020

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115.	ENVIRONMENTAL SCIENCE	AECC1	I YEAR I SEMESTER	B.COM (TAX PRACTICE)	2020
116.	FINANCIAL ACCOUNTING-II	BCO201	I YEAR II SEMESTER	B.COM (TAX PRACTICE)	2020
117.	BUSINESS LAWS	BCO202	I YEARII SEMESTER	B.COM (TAX PRACTICE)	2020
118.	INCOME TAX-II	BCO203	I YEARII SEMESTER	B.COM (TAX PRACTICE)	2020
119.	BASIC COMPUTER SKILLS	AECC2	I YEARII SEMESTER	B.COM (TAX PRACTICE)	2020
120.	MANAGERIAL ECONOMICS	COM1: CORE-I	IYEARISEMESTER	M.COM	1989
121.	PRINCIPAL OF MARKETING	COM2: CORE-2	IYEARI SEMESTER	M.COM	1989
122.	OT & OB	COM3: CORE-2I	IYEARISEMESTER	M.COM	1989
123.	FINANCIAL MANAGEMENT	COM4: ELECTIVE-I	IYEARISEMESTER	M.COM	1989
124.	ACCOUNTING STANDARDS	COM5: ELECTIVE-2	IYEARI SEMESTER	M.COM	1989
125.	BUSINESS ENVIRONMENT & POLICY	COM6: CORE-I	IYEARISEMESTER	M.COM	1989
126.	MARKETING MANAGEMENT	COM7: CORE-2	IYEARISEMESTER	M.COM	1989
127.	HUMAN RESOURCES MANAGEMENT	COM8: CORE-2I	IYEARISEMESTER	M.COM	1989
128.	INVESTMENT MANAGEMENT	COM9: ELECTIVE-I	IYEARISEMESTER	M.COM	1989
129.	ADVANCED MANAGERIAL ACCOUNTING	COM10: ELECTIVE-2	IYEARISEMESTER	M.COM	1989

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130.	ACCOUNTING STANDARD AND REPORTING	MCIS 1: CORE I	I YEAR I SEMESTER	M.COM (IS)	2019
131.	FINANCIAL MANAGEMENT	MCIS 2: CORE II	I YEAR I SEMESTER	M.COM (IS)	2019
132.	ORGANIZATION THEORY AND BEHAVIOUR	MCIS 3: CORE III	I YEAR I SEMESTER	M.COM (IS)	2019
133.	BUSINESS INFORMATION SYSTEM	MCIS 4: ELECTIVE I	I YEAR I SEMESTER	M.COM (IS)	2019
134.	OBJECT ORIENTED PROGRAMMING USING C++	MCIS 5: ELECTIVE II	I YEAR I SEMESTER	M.COM (IS)	2019
135.	SEMINAR	SEMINARS	I YEAR I SEMESTER	M.COM (IS)	2019
136.	ADVANCE MANAGERIAL ACCOUNTING	MCIS 6: CORE I	I YEARII SEMESTER	M.COM (IS)	2019
137.	INVESTMENT MANAGEMENT	MCIS 7: CORE II	I YEARII SEMESTER	M.COM (IS)	2019
138.	HUMAN RESOURCES MANAGEMENT	MCIS 8: CORE III	I YEARII SEMESTER	M.COM (IS)	2019
139.	E-COMMERCE	MCIS 9: ELECTIVE I	I YEARII SEMESTER	M.COM (IS)	2019
140.	RELATION DATA BASE MANAGEMENT SYSTEM	MCIS 10: ELECTIVE II	I YEARII SEMESTER	M.COM (IS)	2019
141.	CHEMISTRY-I PR	6109P	I YEARISEMESTER	BSC (NZC, BZC, BTBC, BTMBC, MPC)	1964
142.	ENVIRONMENTAL SCIENCE	A6109	I YEARISEMESTER	BSC (NZC, BZC, BTBC, BTMBC, MPC)	1964
143.	CHEMISTRY-II	6209	I YEARIISEMESTER	BSC (NZC, BZC, BTBC, BTMBC, MPC)	1964
144.	CHEMISTRY-II PR	6209P	I YEARIISEMESTER	BSC (NZC, BZC, BTBC, BTMBC, MPC)	1964

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145.	BASIC COMPUTER SKILLS	16209	I YEARISEMESTER	BSC (NZC, BZC, BTBC, BTMBC, MPC)	1964
146.	INORGANIC CHEMISTRY	511	I YEARISEMESTER	MSC (CHEMISTRY)	1989
147.	ORGANIC CHEMISTRY	512	I YEARISEMESTER	MSC (CHEMISTRY)	1989
148.	PHYSICAL CHEMISTRY	513	I YEARISEMESTER	MSC (CHEMISTRY)	1989
149.	ANALYTICAL TECHNIQUES AND SPECTROSCOPY-1	514	I YEARISEMESTER	MSC (CHEMISTRY)	1989
150.	COMMUNICATIVE ENGLISH SOFT SKILLS	116	I YEARISEMESTER	MSC (CHEMISTRY)	1989
151.	INORGANIC CHEMISTRY PR	515P	I YEARISEMESTER	MSC (CHEMISTRY)	1989
152.	ORGANIC CHEMISTRY PR	516P	I YEARISEMESTER	MSC (CHEMISTRY)	1989
153.	PHYSICAL CHEMISTRY PR	517P	I YEARISEMESTER	MSC (CHEMISTRY)	1989
154.	INORGANIC CHEMISTRY	521	I YEARISEMESTER	MSC (CHEMISTRY)	1989
155.	ORGANIC CHEMISTRY	522	I YEARISEMESTER	MSC (CHEMISTRY)	1989
156.	PHYSICAL CHEMISTRY	523	I YEARISEMESTER	MSC (CHEMISTRY)	1989
157.	ANALYTICAL TECHNIQUES AND SPECTROSCOPY- II	524	I YEARISEMESTER	MSC (CHEMISTRY)	1989
158.	HUMAN VALUES AND PROFESSIONAL ETHICS	126	I YEARISEMESTER	MSC (CHEMISTRY)	1989
159.	INORGANIC CHEMISTRY PR	525P	I YEARISEMESTER	MSC (CHEMISTRY)	1989
160.	ORGANIC CHEMISTRY PR	526P	I YEARISEMESTER	MSC (CHEMISTRY)	1989
161.	PHYSICAL CHEMISTRY PR	527P	I YEARISEMESTER	MSC (CHEMISTRY)	1989
162.	MATHEMATICS-I	7141	I YEARISEMESTER	BSC (CSE)	1988
163.	ECM	7142	I YEARISEMESTER	BSC (CSE)	1988
164.	ECM-LAB	7142P	I YEARISEMESTER	BSC (CSE)	1988
165.	IIT	7143	I YEARISEMESTER	BSC (CSE)	1988
166.	IIT-LAB	7143P	I YEARISEMESTER	BSC (CSE)	1988
167.	PROGRAMMING IN C	7144	I YEARISEMESTER	BSC (CSE)	1988

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168.	PROGRAMMING IN C-LAB	7144P	I YEARISEMESTER	BSC (CSE)	1988
169.	INTRODUCTION TO INTERNET	A7145	I YEARISEMESTER	BSC (CSE)	1988
170.	MATHEMATICS-II	7246	I YEARISEMESTER	BSC (CSE)	1988
171.	PHYSICS	7247	I YEARISEMESTER	BSC (CSE)	1988
172.	PHYSICS-LAB	7247P	I YEARISEMESTER	BSC (CSE)	1988
173.	EDC	7248	I YEARISEMESTER	BSC (CSE)	1988
174.	EDC-LAB	7248P	I YEARISEMESTER	BSC (CSE)	1988
175.	PROG. IN UNIX	7249	I YEARISEMESTER	BSC (CSE)	1988
176.	PROG. IN UNIX-LAB	7249P	I YEARISEMESTER	BSC (CSE)	1988
177.	FUNDAMENTALS OF COMPUTING	17250	I YEARISEMESTER	BSC (CSE)	1988
178.	PROGRAMMING IN C	6110	I YEARISEMESTER	BSC (MECS, MPC)	1964
179.	PROGRAMMING IN C LAB	6110P	I YEARISEMESTER	BSC (MECS, MPC)	1964
180.	ENVIRONMENTAL SCIENCES	A6110	I YEARISEMESTER	BSC (MECS, MPC)	1964
181.	PROGRAMMING IN C++	6210	I YEARISEMESTER	BSC (MECS, MPC)	1964
182.	PROGRAMMING IN C++ LAB	6210P	I YEARISEMESTER	BSC (MECS, MPC)	1964
183.	BASIC COMPUTER SKILLS	16210	I YEARISEMESTER	BSC (MECS, MPC)	1964
184.	MICRO ECONOMICS	1111	I YEARISEMESTER	BA (EPP)	1964
185.	ENVIRONMENTAL SCIENCE	A1111	I YEARISEMESTER	BA (EPP)	1964
186.	MACRO ECONOMICS	1211	I YEARISEMESTER	BA (EPP)	1964
187.	BASIC COMPUTER SKILLS	11211	I YEARISEMESTER	BA (EPP)	1964
188.	CIRCUIT ANALYSIS	6112	I YEARISEMESTER	BSC (MECS, MPE)	1964
189.	CIRCUIT ANALYSIS PR	6112P	I YEARISEMESTER	BSC (MECS, MPE)	1964
190.	ENVIRONMENTAL SCIENCES	A6112	I YEARISEMESTER	BSC (MECS, MPE)	1964
191.	ELECTRONIC DEVICES	6212	I YEARISEMESTER	BSC (MECS, MPE)	1964

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Ref. No.				Date:	
192.	ELECTRONIC DEVICES PR	6212P	I YEARISEMESTER	BSC (MECS, MPE)	1964
193.	BASIC COMPUTER SKILLS	16212	I YEARISEMESTER	BSC (MECS, MPE)	1964
194.	ENGLISH-I	ELS-1	I YEARISEMESTER	BA, B.COM, BSC, BBA, BBM	1964
195.	ENGLISH-II	ELS-2	I YEARISEMESTER	BA, B.COM, BSC, BBA, BBM	1964
196.	ENGLISH-V	ELS-5	III YEAR VSEMESTER	BA, B.COM, BSC, BBA, BBM	1964
197.	ENGLISH-VI	ELS-5	III YEAR VISEMESTER	BA, B.COM, BSC, BBA, BBM	1964
198.	THE ENGLISH LANGUAGE:HISTORY, DESCRIPTION AND PRACTICE	101	I YEARISEMESTER	MA (ENGLISH)	2018
199.	ENGLISH POETRY	102	I YEARISEMESTER	MA (ENGLISH)	2018
200.	ENGLISH DRAMA	103	I YEARISEMESTER	MA (ENGLISH)	2018
201.	ENGLISH LANGUAGE AND PHONETICS	104	I YEARISEMESTER	MA (ENGLISH)	2018
202.	MODERN INDIAN LITERATURES IN TRANSLATION	105	I YEARISEMESTER	MA (ENGLISH)	2018
203.	ENGLISH LANGUAGE TEACHING HISTORY, APPROACHES AND METHODS	201	I YEARISEMESTER	MA (ENGLISH)	2018
204.	ENGLISH PROSE	202	I YEARISEMESTER	MA (ENGLISH)	2018
205.	ENGLISH FICTION	203	I YEARISEMESTER	MA (ENGLISH)	2018
206.	WOMEN'S WRITING	204	I YEARISEMESTER	MA (ENGLISH)	2018
207.	TWENTIETH CENTURY LITERARY CRITICISM AND THEORY	205	I YEARISEMESTER	MA (ENGLISH)	2018
208.	HINDI-I	SL0104	IYEARISEMESTER	BAB.COMBSCBBABBM	1964
209.	HINDI-II	SL0204	I YEARISEMESTER	BAB.COMBSCBBABBM	1964
210.	HINDI-V	SL0405	IIIEARVSEMESTER	BAB.COMBSCBBABBM	1964

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Ref. No.				Date:	
211.	HINDI-VI	SL0406	IIIIYEARVISEMESTER	BAB.COMBSCBBABBM	1964
212.	HISTORY OF INDIA (FROM EARLIEST TIMES TO 700 CE)	1113	I YEARISEMESTER	BA (HPML)	1953
213.	ENVIRONMENTAL SCIENCE	AECC1	I YEARISEMESTER	BA (HPML)	1953
214.	HISTORY OF INDIA (FROM 700-1526 CE)	1213	I YEARISEMESTER	BA (HPML)	1953
215.	BASIC COMPUTER SKILLS	AECC2	I YEARISEMESTER	BA (HPML)	1953
216.	DIFFERENTIALINTEGRAL CALCULUS	BS102	I YEARISEMESTER	BSC (MPCS, MPC, MECS, MPE)	1964
217.	DIFFERENTIAL CALCULUS PR	BS105	I YEARISEMESTER	BSC (MPCS, MPC, MECS, MPE)	1964
218.	DIFFERENTIAL EQUATIONS	BS202	I YEARISEMESTER	BSC (MPCS, MPC, MECS, MPE)	1964
219.	DIFFERENTIAL EQUATIONS PR	BS205	I YEARISEMESTER	BSC (MPCS, MPC, MECS, MPE)	1964
220.	ABSTRACT ALGEBRA	AM101	I YEARISEMESTER	MSC (APPLIED MATHEMATICS)	1989
221.	MATHEMATICAL ANALYSIS	AM102	I YEARISEMESTER	MSC (APPLIED MATHEMATICS)	1989
222.	ORDINARY & PARTIAL DIFFERENTIAL EQUATIONS	AM103	I YEARISEMESTER	MSC (APPLIED MATHEMATICS)	1989
223.	MECHANICS	AM104	I YEARISEMESTER	MSC (APPLIED MATHEMATICS)	1989
224.	INTEGRAL TRANSFORM	AM105	I YEARISEMESTER	MSC (APPLIED MATHEMATICS)	1989
225.	GALOIS THEORY	AM201	I YEARISEMESTER	MSC (APPLIED MATHEMATICS)	1989
226.	LEBESGUE MEASURE & INTEGRATION	AM202	I YEARISEMESTER	MSC (APPLIED MATHEMATICS)	1989

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Ref. No.				Date:	
227.	COMPLEX ANALYSIS	AM203	I YEAR I SEMESTER	MSC (APPLIED MATHEMATICS)	1989
228.	FLUID MECHANICS	AM204	I YEAR I SEMESTER	MSC (APPLIED MATHEMATICS)	1989
229.	THEORY OF ORDINARY DIFFERENTIAL EQUATIONS	AM205	I YEAR I SEMESTER	MSC (APPLIED MATHEMATICS)	1989
230.	GENERAL MICROBIOLOGY-I	6115	I YEAR I SEMESTER	BSC (BTMBC)	1992
231.	GENERAL MICROBIOLOGY-I PR	6115P	I YEAR I SEMESTER	BSC (BTMBC)	1992
232.	EVS	A6115	I YEAR I SEMESTER	BSC (BTMBC)	1992
233.	MICROBIAL DIVERSITY	6215	I YEAR I SEMESTER	BSC (BTMBC)	1992
234.	MICROBIAL DIVERSITY PR	6215P	I YEAR I SEMESTER	BSC (BTMBC)	1992
235.	BASIC COMPUTER SKILLS	16215	I YEAR I SEMESTER	BSC (BTMBC)	1992
236.	GENERAL MICROBIOLOGY AND MICROBIAL PHYSIOLOGY	MB101	I YEAR I SEMESTER	MSC (MICROBIOLOGY)	2021
237.	VIROLOGY	MB102	I YEAR I SEMESTER	MSC (MICROBIOLOGY)	2021
238.	RESEARCH METHODOLOGY AND TECHNIQUES	MB103	I YEAR I SEMESTER	MSC (MICROBIOLOGY)	2021
239.	MICROBIAL BIOCHEMISTRY	MB104	I YEAR I SEMESTER	MSC (MICROBIOLOGY)	2021
240.	GENERAL MICROBIOLOGY AND MICROBIAL PHYSIOLOGY	MB151	I YEAR I SEMESTER	MSC (MICROBIOLOGY)	2021
241.	VIROLOGY	MB152	I YEAR I SEMESTER	MSC (MICROBIOLOGY)	2021
242.	RESEARCH METHODOLOGY AND TECHNIQUES	MB153	I YEAR I SEMESTER	MSC (MICROBIOLOGY)	2021
243.	MICROBIAL BIOCHEMISTRY	MB154	I YEAR I SEMESTER	MSC (MICROBIOLOGY)	2021

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Ref. No.				Date:	
244.	MOLECULAR BIOLOGY AND MICROBIAL GENETICS	MB201	I YEAR II SEMESTER	MSC (MICROBIOLOGY)	2021
245.	ENVIRONMENT AND AGRICULTURE MICROBIOLOGY	MB202	I YEAR II SEMESTER	MSC (MICROBIOLOGY)	2021
246.	IMMUNOLOGY	MB203	I YEAR II SEMESTER	MSC (MICROBIOLOGY)	2021
247.	PHARMACEUTICAL MICROBIOLOGY	MB204	I YEAR II SEMESTER	MSC (MICROBIOLOGY)	2021
248.	MOLECULAR BIOLOGY AND MICROBIAL GENETICS	MB251	I YEAR II SEMESTER	MSC (MICROBIOLOGY)	2021
249.	ENVIRONMENT AND AGRICULTURE MICROBIOLOGY	MB252	I YEAR II SEMESTER	MSC (MICROBIOLOGY)	2021
250.	IMMUNOLOGY	MB253	I YEAR II SEMESTER	MSC (MICROBIOLOGY)	2021
251.	PHARMACEUTICAL MICROBIOLOGY	MB254	I YEAR II SEMESTER	MSC (MICROBIOLOGY)	2021
252.	INTRODUCTION TO FOOD& NUTRITION INTRODUCTION TO FOOD& NUTRITION PR	101	I YEARISEMESTER	BSC (NZC)	2011
253.	NUTRITION BIOCHEMISTRY & HUMAN PHYSIOLOGY NUTRITION BIOCHEMISTRY & HUMAN PHYSIOLOGY PR	201	I YEARISEMESTER	BSC (NZC)	2011
254.	HUMAN NUTRITION	ND101T	I YEARISEMESTER	MSC (NUTRITION)	2015
255.	NUTRITIONAL BIOCHEMISTRY-I	ND102T	I YEARISEMESTER	MSC (NUTRITION)	2015
256.	HUMAN PHYSIOLOGY	ND103T	I YEARISEMESTER	MSC (NUTRITION)	2015
257.	PRINCIPLES OF DIETETICS	ND104T	I YEARISEMESTER	MSC (NUTRITION)	2015
258.	HUMAN NUTRITION PR	ND105P	I YEARISEMESTER	MSC (NUTRITION)	2015

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Ref. No.				Date:	
259.	NUTRITIONAL BIOCHEMISTRY-I PR	ND106P	I YEARISEMESTER	MSC (NUTRITION)	2015
260.	HUMAN PHYSIOLOGY PR	ND107P	I YEARISEMESTER	MSC (NUTRITION)	2015
261.	PRINCIPLES OF DIETETICS PR	ND108P	I YEARISEMESTER	MSC (NUTRITION)	2015
262.	PRINCIPLES OF FOODS	ND201T	I YEARISEMESTER	MSC (NUTRITION)	2015
263.	NUTRITIONAL BIOCHEMISTRY-II	ND202T	I YEARISEMESTER	MSC (NUTRITION)	2015
264.	DIET IN DISEASE	ND203T	I YEARISEMESTER	MSC (NUTRITION)	2015
265.	RESEARCH METHODOLOGY	ND204T	I YEARISEMESTER	MSC (NUTRITION)	2015
266.	PRINCIPLES OF FOODS PR	ND205P	I YEARISEMESTER	MSC (NUTRITION)	2015
267.	NUTRITIONAL BIOCHEMISTRY-II PR	ND206P	I YEARISEMESTER	MSC (NUTRITION)	2015
268.	DIET IN DISEASE PR	ND207P	I YEARISEMESTER	MSC (NUTRITION)	2015
269.	RESEARCH METHODOLOGY PR	ND208P	I YEARISEMESTER	MSC (NUTRITION)	2015
270.	MECHANICS	6118	I YEARISEMESTER	BSC (MPSC, MPC, MPE)	1964
271.	MECHANICAL LAB	6118P	I YEARISEMESTER	BSC (MPSC, MPC, MPE)	1964
272.	EVS	A6118	I YEARISEMESTER	BSC (MPSC, MPC, MPE)	1964
273.	THERMAL PHYSICS	6218	I YEARISEMESTER	BSC (MPSC, MPC, MPE)	1964
274.	THERMAL PHYSICS LAB	6218P	I YEARISEMESTER	BSC (MPSC, MPC, MPE)	1964
275.	BASIC COMPUTER SKILLS	I6218	I YEARISEMESTER	BSC (MPSC, MPC, MPE)	1964
276.	MATHEMATICAL PHYSICS	P101	I YEARISEMESTER	MSC (PHYSICS)	1991
277.	CLASSICAL MECHANICS	P102	I YEARISEMESTER	MSC (PHYSICS)	1991
278.	QUANTUM MECHANICS – I	P103	I YEARISEMESTER	MSC (PHYSICS)	1991
279.	SOLID STATE PHYSICS	P104	I YEARISEMESTER	MSC (PHYSICS)	1991
280.	HEAT & ACOUSTICS	P105	I YEARISEMESTER	MSC (PHYSICS)	1991
281.	OPTICS	P106	I YEARISEMESTER	MSC (PHYSICS)	1991
282.	COMMUNICATIVE ENGLISH & SOFT SKILLS	P107	I YEARISEMESTER	MSC (PHYSICS)	1991

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Ref. No.				Date:	
283.	ELECTROMAGNETIC THEORY	P201	I YEARISEMESTER	MSC (PHYSICS)	1991
284.	STATISTICAL MECHANICS	P202	I YEARISEMESTER	MSC (PHYSICS)	1991
285.	QUANTUM MECHANICS – II	P203	I YEARISEMESTER	MSC (PHYSICS)	1991
286.	ELECTRONICS	P204	I YEARISEMESTER	MSC (PHYSICS)	1991
287.	ELECTRONICS	P205	I YEARISEMESTER	MSC (PHYSICS)	1991
288.	COMPUTER PROGRAMMING	P206	I YEARISEMESTER	MSC (PHYSICS)	1991
289.	BASICS OF COMPUTER SCIENCE	P207	I YEARISEMESTER	MSC (PHYSICS)	1991
290.	UNDERSTANDING POLITICAL THEORY	1119	I YEARISEMESTER	BA (EPP, HPML)	1964
291.	EVS	A1119	I YEARISEMESTER	BA (EPP, HPML)	1964
292.	WESTERN POLITICAL SCIENCE	1219	I YEARISEMESTER	BA (EPP, HPML)	1964
293.	BASIC COMPUTER SKILLS	11219	I YEARISEMESTER	BA (EPP, HPML)	1964
294.	BASICS OF PUBLIC ADMINISTRATION- I	1120	I YEARISEMESTER	BA (EPP)	1964
295.	EVS	A1120	I YEARISEMESTER	BA (EPP)	1964
296.	PRINCIPLES & EMERGING TRENDS	1220	I YEARISEMESTER	BA (EPP)	1964
297.	BASIC COMPUTER SKILLS	11220	I YEARISEMESTER	BA (EPP)	1964
298.	TELUGU -I	SL0101	I YEARISEMESTER	BA, B.COM, BSC, BBA, BBM	1964
299.	TELUGU -II	SL0201	I YEARISEMESTER	BA, B.COM, BSC, BBA, BBM	1964
300.	TELUGU -V	SL0501	III YEAR VSEMESTER	BA, B.COM, BSC, BBA, BBM	1964
301.	TELUGU -VI	SL0601	III YEAR VSEMESTER	BA, B.COM, BSC, BBA, BBM	1964
302.	URDU-I	SL0102	I YEARISEMESTER	BA, B.COM, BSC, BBA, BBM	1964
303.	URDU-II	SL0202	I YEARISEMESTER	BA, B.COM, BSC, BBA, BBM	1964
304.	URDU-V	SL0502	III YEAR VSEMESTER	BA, B.COM, BSC, BBA, BBM	1964
305.	URDU-VI	SL0602	III YEAR VSEMESTER	BA, B.COM, BSC, BBA, BBM	1964

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Ref. No.

Date: _____

306.	ML URDU-I	1116	I YEARISEMESTER	BA (HPML)	1964
307.	ML URDU-II	1216	I YEARISEMESTER	BA (HPML)	1964
308.	ANIMAL DIVERSITY INVERTEBRATES	6121	I YEARISEMESTER	BSC (NZC, BZC)	1964
309.	ANIMAL DIVERSITY INVERTEBRATES PR	6121P	I YEARISEMESTER	BSC (NZC, BZC)	1964
310.	EVS	A6121	I YEARISEMESTER	BSC (NZC, BZC)	1964
311.	ECOLOGY, ZOOGEOGRAPHY AND ANIMAL BEHAVIOUR	6221	I YEARISEMESTER	BSC (NZC, BZC)	1964
312.	ECOLOGY, ZOOGEOGRAPHY AND ANIMAL BEHAVIOUR PR	6221P	1 YEARII SEMESTER	BSC (NZC, BZC)	1964
313.	BASIC COMPUTER SKILLS	16221	1 YEARII SEMESTER	BSC (NZC, BZC)	1964

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COORDINATOR

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

PRINCIPAL
PRINCIPAL

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

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Anwarul Uloom College, (Autonomous)

New Mallepally, Hyderabad, TS

Affiliated to Osmania University

(Re-Accredited with NAAC with A- Grade)



Bachelor of Arts, Bachelor of Commerce, Bachelor of Science and Bachelor of Business Administration


Department of Arabic (Second Language)

Under Graduate 1st, 2nd & 3rd year (CBCS)

(Approved Syllabus for the Academic year 2021-2022)

Course Structure (2021-2022)

S. No	Year	Sem	Paper / Title	Teaching Hours / Week	Units	Credits	MARKS		
							Internal Assessment	End Semester	Total
1	1 st year	I	Arabic – I Annasrul Qadeem, Annasrul Jadeed, Qavaeed, Tariqul Adabi Arabi (Arabic Second Language)	4	4	4	20	80	100
2			Environmental Studies (AECC- I)	2	2	2	-	50	50
3	1 st year	II	Arabic – II Annasrul Qadeem, Annasrul Jadeed, Qavaeed, Tariqul Adabi Arabi (Arabic Second Language)	4	4	4	20	80	100
4			Basic Computer Skills (AECC- II)	2	2	2	-	50	50
5	2 ND year	III	Arabic – III Annasrul Qadeem, Annasrul Jadeed, Qavaeed, Tariqul Adabi Arabi (Arabic Second Language)	3	3	3	15	35	50
6			Advance Grammar, Information Technology & Functional Arabic (SECC- II)	2	2	2	-	50	50
7	2 ND year	IV	Arabic – IV (Arabic Second Language) Annasrul Qadeem, Annasrul Jadeed, Qavaeed, Tariqul Adabi Arabi	3	3	3	15	35	50
8			Advance Grammar, Information Technology & Functional Arabic (SECC- III & IV)	2	2	2	--	50	50


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9	3 rd year	V	Arabic – V (Arabic Second Language) Translation, Poetry & History of Arabic Literature	3	3	3	15	35	50
10			G.E.I.	2	2	2	-	50	50
11	3 rd year	VI	Arabic – VI (Arabic Second Language) Modern Prose, Compositions & History of Arabic Literature	3	3	3	15	35	50
10		VI	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

Mayaf

Head of the Department

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Anwarul Uloom College (Autonomous)

Department of Biotechnology

B. Sc (Bt. M. C)

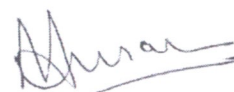
Subject: BIOTECHNOLOGY (2021 – 2022)

No.	Year	Sem	Paper / Title	Teaching Hours /Week	Units	Credits	Marks		
							Internal assessment	Semester	Total
1	1 st Year 2021 - 2022	I	Cell Biology & Genetics -Theory	4	4	4	20	80	100
2			Cell biology & Genetics -Practical	2		2		50	50
3			Environmental science (AECC-I)	2		2		50	50
4	1 st Year 2021 - 2022	II	Nucleic acids & Biochemistry Theory	4	4	4	20	80	100
5			Nucleic Acids & Biochemistry -Practical	2		2		50	50
6			Basic Computer Skills (AECC-II)	2		2		50	50
7	2 nd Year 2020 - 2021	III	Molecular biology & rDna Technology -- Theory	4	4	4	15	35	50
8			Molecular biology & rDna Technology -- Practical	2		1		25	25
9			Industrial fermentation --(SECC I)	2	2	2		50	50
10			Immunological techniques (SECC - II)-	2	2	2		50	50
11	2 nd Year 2020 - 2021	IV	Biostatistics & Bioinformatics Theory	4	4	4	15	35	50
12			Biostatistics & Bioinformatics Practical	2		1		25	25
13			Molecular markers in plant breeding-- (SECC- III)	2	2	2		50	50
14	3 rd Year 2019 - 2020	V	Drug designing (SECC- IV)	2	2	2		50	50
15			Elective – A Plant biotechnology- Theory	4	4	4	15	35	50
16			Plant biotechnology - Practical	2		1		25	25
17			Elective – B Medical biotechnology - Theory	4	4	4	15	35	50
18			Medical biotechnology – Practical	2		1		25	25
19			Plant breeding (SECC- V)	2	2	2		50	50
20	3 rd Year 2019 - 2020	VI	Basics in biotechnology – (GE- I)	2	2	2	-	50	50
21			Elective – A - Animal biotechnology - Theory	4	4	4	15	35	50
22			Animal biotechnology - Practical	2		1		25	25
23			Elective – B - Environmental biotechnology - Theory	4	4	4	15	35	50
24			Environmental biotechnology – Practical	2		1		25	25
			Intellectual property rights (SECC- VI)	2	2	2		50	50
			Research methodology/ project-- (GE- II)			5	-	100	100

AECC – Ability Enhancement Compulsory Course

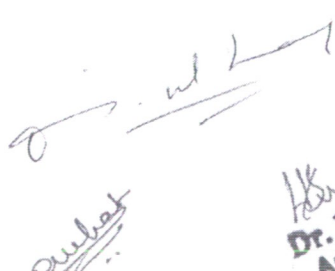
SECC – Skill Enhancement Compulsory Course

GE – Generic Electives

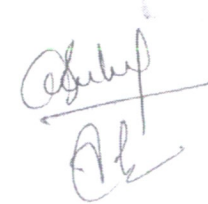


Head of the Department

HEAD
Department of Biotechnology
ANWAR-UL-ULOOM COLLEGE
Mallepally, Hyderabad-500 001.



Dr. H. Surekha Rani
Assistant Professor
Chairperson - BOS in Genetics
Department of Genetics
Osmania University, Hyderabad-57



ANWARUL ULOOM COLLEGE
(AUTONOMOUS)
M.Sc. BIOTECHNOLOGY SYLLABUS (2021 – 2022)

CHOICE BASED CREDIT SYSTEM (CBCS)

SEMESTER – I

S No	Syllabus Ref No	Subject	Credits	Teaching Hours	Marks		
					Internal Assessment	Semester Exam	Total
THEORY							
1.	BT 101 T	Cell Biology and Genetics	4	4	20	80	100
2.	BT 102 T	Biological chemistry	4	4	20	80	100
3.	BT 103 T	Microbiology	4	4	20	80	100
4.	BT 104 T	Statistics, laboratory management & safety, entrepreneurship	4	4	20	80	100
PRACTICALS							
1.	BT 151 P	Cell Biology and Genetics	2	4		50	50
2.	BT 152 P	Biological chemistry	2	4		50	50
3.	BT 153 P	Microbiology	2	4		50	50
4.	BT 154 P	Statistics, LM&S, & E.	2	4		50	50
		SEMINAR	1	1		25	25
		Total	25	34	80	570	6.25

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H. Surekha Rani
Dr. H. Surekha Rani
Assistant Professor
Chairperson - BOS in Genetics
Department of Genetics
Osmania University, Hyderabad-07

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Mallepally, Hyderabad-500 001.

ANWARUL ULOOM COLLEGE
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M.Sc. BIOTECHNOLOGY SYLLABUS (2021 – 2022)

CHOICE BASED CREDIT SYSTEM (CBCS)

SEMESTER -II

S No	Syllabus Ref No	Subject	Credits	Teaching Hours	Mark		
					Internal Assessment	Semester Exam	Total
THEORY							
1.	BT 201 T	Molecular Biology- The Genome	4	4	20	80	100
2.	BT 202 T	Molecular Biology- Genes to Proteins	4	4	20	80	100
3.	BT 203 T	Immunology	4	4	20	80	100
4.	BT 204 T	Microbial technology	4	4	20	80	100
PRACTICALS							
1.	BT 251 P	Molecular Biology-The Genome	2	4		50	50
2.	BT 252 P	Molecular Biology- Genes to Proteins	2	4		50	50
3.	BT 253 P	Immunology	2	4		50	50
4.	BT 254 P	Microbial technology	2	4		50	50
		SEMINAR	1	1		25	25
		Total	25	34	80	570	625

T- Theory, P-Practical

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B.Sc. BIOTECHNOLOGY SYLLABUS (2021 – 2022)
CHOICE BASED CREDIT SYSTEM (CBCS)

SEMESTER – III

S No	Syllabus Ref No	Subject	Credits	Teaching Hours	Marks		
					Internal Assessment	Semester Exam	Total
THEORY							
1.	BT 301 T	Recombinant DNA technology	4	4	20	80	100
2.	BT 302 T	Bioinformatic & Its Applications	4	4	20	80	100
3.	BT 303 T	Elective: A. Advance in plant Biotechnology (or) B. Food Biotechnology B. Protein Engineering	4	4	20	80	100
4.	BT 304 T	Elective: A. Animal Biotechnology (or) B. Protein Engineering	4	4	20	80	100
PRACTICALS							
1.	BT 351 P	Recombinant DNA technology	2	4		50	50
2.	BT 352 P	Bioinformatic & Its Applications	2	4		50	50
3.	BT 353 P	Elective: A. Advance in plant Biotechnology (or) B. Food Biotechnology	2	4		50	50
4.	BT 354 P	Elective: A. Animal Biotechnology (or) B. Protein Engineering	2	4		50	50
	IDE	Applications of Biotechnology	2	2		50	50
		Total	26	34	80	570	650

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Dr. B. Surekha Rani
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Department of Genetics
Osmania University, Hyderabad-07


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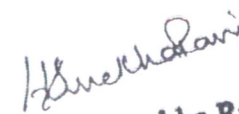
ANWARUL ULOOM COLLEGE
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M.Sc. BIOTECHNOLOGY SYLLABUS (2021 – 2022)
CHOICE BASED CREDIT SYSTEM (CBCS)

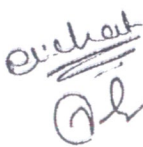
SEMESTER – IV

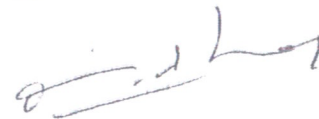
S No	Syllabus Ref No	Subject	Credits	Teaching Hours	Marks		
					Internal Assessment	Semester Exam	Total
THEORY							
1.	BT 401 T	Bioprocess Engineering	4	4	20	80	100
2.	BT 402 T	Medical Biotechnology	4	4	20	80	100
3.	BT 403 T	Elective: A.Environmental Biotechnology B.Biopharmacology	4	4	20	80	100
4.	BT 404 T	Project Work	6				150
PRACTICALS							
1.	BT 451 P	Bioprocess Engineering	2	4		50	50
2.	BT 452 P	Medical Biotechnology	2	4		50	50
3.	BT 453 P	Elective: A.Environmental Biotechnology B.Biopharmacology	2	4		50	50
	IDE	Food biotechnology	2	2		50	50
		Total	26	26	60	440	650
		Grandtotal					2600

T- Theory, P-Practical


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Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad
Affiliated to Osmania University
(Accredited by NACC with A- Grade)
Faculty of Science
Department of Botany
B.Sc. (2021 – 2022)

I- SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTRNAL	TOTAL	DURATION
DSC	Paper I Microbial Diversity and Lower Plants	4	4	4	20	80	100	3 HRS
DSC	Paper I PRACTICAL	-	3	1	-	-	50	3HRS
AECC -I	Environmental Sciences	2	2	2	-	-	50	2 HRS

II- SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTRNAL	TOTAL	DURATION
DSC	Paper – II Gymnosperms, Taxonomy of Angiosperms and Ecology	4	4	4	20	80	100	3 HRS
DSC	Paper II PRACTICAL	-	3	1	-	-	50	3HRS
AECC -II	Basic Computer Skills	2	2	2	-	-	50	2 HRS

III- SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTRNAL	TOTAL	DURATION
DSC	Paper III Plant Anatomy and Embryology	4	4	4	15	35	50	2 HRS
DSC	Paper III PRACTICAL	-	2	1	-	-	25	-
SECC -I	Nursery and Gardening	2	2	2	-	-	50	2 HRS
SECC- II	Biofertilizers and Organic Farming	2	2	2	-	-	50	2 HRS

IV- SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTRNAL	TOTAL	DURATION
DSC	Paper IV Cell Biology, Genetics and Plant Physiology.	4	4	4	15	35	50	2 HRS
DSC	Paper IV PRACTICAL	-	2	1	-	-	25	-
SECC -III	Green house Technology	2	2	2	-	-	50	2 HRS
SECC- IV	Mushroom Culture Technology	2	2	2	-	-	50	2 HRS

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V-SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTRNAL	TOTAL	DURATION
DSE	Optionals DSE -1A: Biodiversity & Conservation DSE -1B: Economic Botany DSE -1C: Seed Technology	4	4	4	15	35	50	2 HRS
DSEP	PRACTICAL	-	2	1	-	-	25	-
GE-1	Industrial Microbiology	2	2	2	-	-	50	2 HRS
SEC III - Green House Technology		2	2	2	-	-	50	2 HRS

VI-SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTRNAL	TOTAL	DURATION
DSE	DSE -2A: Plant Molecular Biology DSE -2B: Tissue Culture and Biotechnology DSE -2C: Analytical Techniques in Plant Sciences	4	4	4	15	35	50	2 HRS
DSEP	PRACTICAL	-	2	1	-	-	25	-
PROJECT	RESEARCH METHODOLOGY / Project	--	--	5	--	--	100	--
SEC IV - Mushroom Culture Tech		2	2	2	-	-	50	2 HRS

CC- CORE COURSE
 AECC- ABILITY ENHANCEMENT COURSE
 DSC- DISCIPLINE SPECIFIC COURSE
 SEC- SKILL ENHANCEMENT COURSE
 DSE- DISCIPLINE SPECIFIC ELECTIVE
 GE- GENERAL ELECTIVE
 HPW- HOURS PER WEEK
 P- PRACTICAL
 T- THEORY

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 HYDERABAD-500 007.

Hafsa
Shirani
Z. Rizy

Almas

Das

V. S.
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Annexure – I (Credits)
Proposed CBCS Scheme for B.Sc.
w.e.f 2019-20

Courses		Papers	Total Credits	Credits for each paper / Semester					
				B.Sc.					
				I	II	III	IV	V	VI
Core Courses DSC	Optional-1	4	20	5	5	5	5	-	-
	Optional-2	4	20	5	5	5	5	-	-
	Optional-3	4	20	5	5	5	5	-	-
Elective Courses DSE	Optional-1	2	10	-	-	-	-	5	5
	Optional-2	2	10	-	-	-	-	5	5
	Optional-3	2	10	-	-	-	-	5	5
Language	English(First Language)	5	20	4	4	3	3	3	3
	Second Language	5	20	4	4	3	3	3	3
Ability Enhancement Compulsory Course AECC	Environmental Science / Basic Computer Skills	1	2	2	-	-	-	-	-
	Basic Computer Skills / Environmental Science	1	2	-	2	-	-	-	-
Skill Enhancement Course SEC	SEC1	1	2	-	-	2	-	-	-
	SEC2	1	2	-	-	2	-	-	-
	SEC3	1	2	-	-	-	2	-	-
	SEC4	1	2	-	-	-	2	-	-
Generic Elective GE	Open Stream	1	4	-	-	-	-	4	-
Project Work/Optionals		1	4	-	-	-	-	-	4
Total Credits in each semester				25	25	25	25	25	25
Total Credits in UG				150					
Credits under Non-CGPA		NSS /NCC /sports / Extra curricular	6	Upto 6 (2 in each year)					
		Summer Internship	4	Upto 4 (2 in each, after I & II years)					

Annexure II

Proposed New Grading System

SGPA (SEMESTER GRADE POINT AVERAGE)			
S. No.	Grade Point	Range of marks	Grade Letter
1	10	Equal to and above 90 Marks	A+
2	9	More than or equal to 80 and less than 90 Marks	A
3	8	More than or equal to 70 and less than 80 Marks	B+
4	7	More than or equal to 60 and less than 70 Marks	B
5	6	More than or equal to 55 and less than 60 Marks	C+
6	5	More than or equal to 50 and less than 55 Marks	C
7	4	More than or equal to 40 and less than 50 Marks	D
8	0	Below 40 Marks	F

Handwritten signatures and names:
H. Raju, Shikhar, P. Raj, K. Reddy

Handwritten signatures:
M. Srinivas, A. K. Reddy

Stamp:
B. O. S. IN BOTANY
MAMIA UNIVERSITY
HYDRABAD-500002

Handwritten signature:
D. Raju

BOS IN BOTANY

TELANGANA STATE COUNCIL OF HIGHER EDUCATION
PROPOSED CBCS COMMON CORE SCHEME FOR B.SC. COURSE
OPTIONAL -I: BOTANY

CODE	PAPER TITLE	Course Type	HPW	Credits
FIRST YEAR SEMSTER - I				
BS 104	PAPER-I : Microbial Diversity and Lower Plants	DSC-1A	4T+2P=6	4+1=5
FIRST YEAR SEMSTER - II				
BS 204	PAPER-II: Gymnosperms, Taxonomy of Angiosperms and Ecology	DSC-1B	4T+2P=6	4+1=5
SECOND YEAR SEMSTER - III				
BS 301	SEC-1: Nursery and Gardening	SEC-1	2	2
BS 302	SEC-2: Biofertilizers and Organic Farming	SEC-2	2	2
BS 304	PAPER-III: Plant Anatomy and Embryology	DSC-1C	4T+2P=6	4+1=5
SECOND YEAR SEMSTER - IV				
BS 401	SEC-3: Greenhouse Technology	SEC-3	2	2
BS 402	SEC-4: Mushroom Culture Technology	SEC-4	2	2
BS 404	PAPER-IV : Cell Biology, Genetics & Plant Physiology	DSC-1D	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	4+2	4+1
THIRD YEAR SEMESTER - VI				
BS 601	DSE-3: Project	PROJECT	4	4
BS 602	DSE -2A: Plant Molecular Biology DSE -2B: Tissue Culture and Biotechnology DSE -2C: Analytical Techniques in Plant Sciences	DSE-2A / DSE-2B / DSE-5E	4T+2P=6	4+1=5

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

CHAIRMAN
BOS IN BOTANY

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Prof. (Mr.) Virendra Kumar
DEPARTMENT OF BOTANY,
University College
HYDRABAD.

DEPARTMENT OF BOTANY,
OSMANIA UNIVERSITY
M.Sc. BOTANY (CBCS)
(Effective from Academic Year 2021-22)

2021-22

Semester-I

Subject Code	Subject / Paper	Theory / Practical	Instruction Hrs /Week	Credits	Evaluation		Duration of External Examination
					Internal	External	
MBOT.CC.T.1.101	Phycology and Mycology	Theory (Paper-I)	4	4	20	80	3
MBOT.CC.T.1.102	Bryophyta & Pteridophyta	Theory (Paper-II)	4	4	20	80	3
MBOT.CC.T.1.103	Taxonomy of Angiosperms and Medicinal Botany	Theory (Paper-III)	4	4	20	80	3
MBOT.CC.T.1.104	Plant Biochemistry	Theory (Paper-IV)	4	4	20	80	3
MBOT.CC.P.1.105	Practical Lab - I	Practical (Paper-I)	4	2	-	50	4
MBOT.CC.P.1.106	Practical Lab - II	Practical (Paper-II)	4	2	-	50	4
MBOT.CC.P.1.107	Practical Lab-III	Practical (Paper-III)	4	2	-	50	4
MBOT.CC.P.1.108	Practical Lab-IV	Practical (Paper-IV)	4	2	-	50	4
			32	24	600		

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Semester-II

2021-22

Subject Code	Subject / Paper	Theory / Practical	Instruction Hrs /Week	Credits	Evaluation		Duration of External Examination
					Th./ Pr.	Internal	
MBOT.CC.T.1.201	Applied Phycology and Mycology	Theory (Paper-I)	4	4	20	80	3
MBOT.CC.T.1.202	Gymnosperms and Embryology	Theory (Paper-II)	4	4	20	80	3
MBOT.CC.T.1.203	Plant Anatomy and Palynology	Theory (Paper-III)	4	4	20	80	3
MBOT.CC.T.1.204	Plant Physiology	Theory (Paper-IV)	4	4	20	80	3
MBOT.CC.P.1.205	Practical Lab - I	Practical (Paper-I)	4	2	-	50	4
MBOT.CC.P.1.206	Practical Lab - II	Practical (Paper-II)	4	2	-	50	4
MBOT.CC.P.1.207	Practical Lab - III	Practical (Paper-III)	4	2	-	50	4
MBOT.CC.P.1.208	Practical Lab - IV	Practical (Paper-IV)	4	2	-	50	4
			32	24	600		

Haker

S. Prasad

S. Prasad

S. Prasad

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SEMESTER - III

2021-22

Subject Code	Subject / Paper	Theory / Practical	Instruction Hrs /Week	Credits	Evaluation		Duration of External Examination
					Th./ Pr.	Internal	
MBOT.CC.T.2.301	Cell Biology, Genetics and Biostatistics	Theory (Paper-I)	4	4	20	80	3
MBOT.CC.T.2.302	Environmental Pollution & Protection	Theory (Paper-II)	4	4	20	80	3
MBOT.EC.T.2.303	Specialization - (A/B/C/D/E)	Theory (Paper-III)	4	4	20	80	3
MBOT.EC.T.2.304	Specialization - (A/B/C/D/E)	Theory (Paper-IV)	4	4	20	80	3
MBOT.CC.P.2.305	Practical Lab - I	Practical (Paper-I)	4	2	-	50	4
MBOT.CC.P.2.306	Practical Lab - II	Practical (Paper-II)	4	2	-	50	4
MBOT.EC.P.2.307	Practical Lab - III	Practical (Paper-III)	4	2	-	50	4
MBOT.EC.P.2.308	Practical Lab - IV	Practical (Paper-IV)	4	2	-	50	4
			32	24	600		

Prater

Murugesan

Amu



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S. Prasad

Chop



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SEMESTER - IV

2021-22

Subject Code	Subject / Paper	Theory / Practical	Instruction Hrs /Week	Credits	Evaluation		Duration of External Examination
					Th./ Pr.	Internal	
MBOT.CC.T.2.401	Ecology & Phytogeography	Theory (Paper-I)	4	4	20	80	3
MBOT.CC.T.2.402	Horticulture & Plant Breeding	Theory (Paper-II)	4	4	20	80	3
MBOT.EC.T.2.403	Specialization - (A/B/C/D/E)	Theory (Paper-III)	4	4	20	80	3
MBOT.EC.T.2.404	Specialization - (A/B/C/D/E) / Project*	Theory (Paper-IV) / Project*	4	4	20	80	3
MBOT.CC.P.2.405	Practical Lab - I	Practical (Paper-I)	4	2	-	50	4
MBOT.CC.P.2.406	Practical Lab - II	Practical (Paper-II)	4	2	-	50	4
MBOT.EC.P.2.407	Practical Lab - III	Practical (Paper-III)	4	2	-	50	4
MBOT.EC.P.2.408	Practical Lab - IV / Project*	Practical (Paper-IV) / Project*	4	2	-	50	4
			32	24	600		

* Project work / Dissertation in place of one elective course and one practical that accounts to 6 Credits.

Total number of Credits for the 2-year M.Sc. Botany Programme: 96

Note: Specializations (A/B/C/D/E): Given in next page

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STRUCTURE OF B.B.A DEGREE COURSE w.e.f. ACADEMIC YEAR 2021 onwards

FIRST YEAR:
SEMESTER-I:

Sl.No	Code	Course Title	Course Type	Sem Exam	IA	Total	THPW	Credits
1	ELS-I	English –I	CC-1	80	20	100	4Hrs	4
2	SLS-I	Second Language -I	CC-2	80	20	100	4Hrs	4
3	BBA101	Principles of Management	CC-3	80	20	100	5Hrs	5
4	BBA102	Basics of Marketing	CC-4	80	20	100	5Hrs	5
5	BBA103	Business Economics	CC-5	80	20	100	5Hrs	5
6	AECC1	Environmental Studies	AECC1	50	-	50	2Hrs	2
		Total					25Hrs	25

SEMESTER-II:

7	ELS-II	English –II	CC-6	80	20	100	4Hrs	4
8	SLS-II	Second Language –II	CC-7	80	20	100	4Hrs	4
9	BBA201	Organizational Behaviour	CC-8	80	20	100	5Hrs	5
10	BBA202	Business Statistics	CC-9	80	20	100	5Hrs	5
11	BBA203	Financial Accounting	CC-10	80	20	100	5Hrs	5
13	AECC2	Basic Computer Skills	AECC2	50	-	50	2Hrs	2
		Total					25Hrs	25

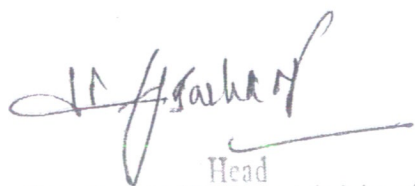
SECOND YEAR:

SEMESTER-III (2020-2021)

14	ELS-III	English-III	CC-12	35	15	50	3Hrs	3
15	SLS-III	Second Language –III	CC-13	35	15	50	3Hrs	3
16	BBA301	Human Resource Management	CC-14	35	15	50	5Hrs	5
17	BBA302	Information Technology For Business	CC-20	35	15 PR	50	4T+1P	5
18	BBA303	Financial Management	CC-16	35	15	50	5Hrs	5
19	SEC-1	Advanced Computers	EC-1	50	-	50	2Hrs	2
20	SEC-2	Business Policy and Strategy	EC-2	50	-	50	2Hrs	2
		Total					25Hrs	25

SEMESTER-IV:

21	ELS-IV	English-IV	CC-17	35	15	50	3Hrs	3
22	SLS-IV	Second Language –IV	CC-18	35	15	50	3Hrs	3
23	BBA401	Business Law and Ethics	CC-19	35	15	50	5Hrs	5
24	BBA402	Market Research	CC-20	35	15	50	5Hrs	5
25	BBA403	Management Science	CC-21	35	15	50	5Hrs	5
26	SEC-3	Personality Development	EC-3	50	-	50	2Hrs	2
27	SEC-4	Business Intelligence & Data Visualization	EC-4	50	-	50	2Hrs	2
		Total					25Hrs	25



Head

Department of Business Administration

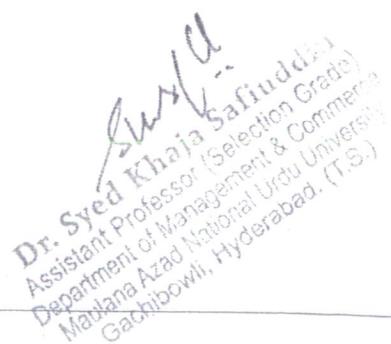
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(Affiliated to Osmania University)

New Manikyal, Hyderabad, India.

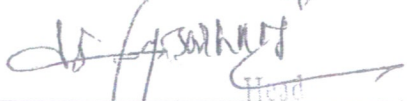
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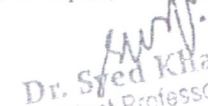


Dr. Syed Khaja Safiuddin
Assistant Professor (Selection Grade)
Department of Management & Commerce
Maulana Azad National Urdu University
Gachibowli, Hyderabad. (T.S.)

THIRD YEAR: SEMESTER-V: (2019-2020 Batch)								
28	ELS-V	English -V	CC-22	35	15	50	3Hrs	3
29	SLS-V	Second Language-V	CC-23	35	15	50	3Hrs	3
30	GE-I	Mobile Commerce	GE-I	50	-	50	2 Hrs	2
31	SECC-3	Personality Development	EC-3	50	-	50	2 Hrs	2
32	BBA501	a) Financial Markets and Services (F) b) Brand Management (M) c) Organization Development (HR)	CC-24	35	15	50	5Hrs	5
33	BBA502	a) Analysis of Investment in Financial Assets (F) b)Retail Management (M) c) Performance Appraisal and Counseling (HR)	CC-25	35	15	50	5 Hrs	5
34	BBA503	a) Insurance Services (F) b) Customer Relationship Management (M) c)Compensation Management (HR)	CC-26	35	15	50	5Hrs	5
		Total					25 Hrs	25
SEMESTER-VI:								
35	ELS-VI	English –VI	CC-27	35	15	50	3Hrs	3
35	SLS-VI	SLS-VI	CC-28	35	15	50	3Hrs	3
36	GE-II	Business Analytics	GE-II	50	-	50	2Hrs	2
37	SECC-4	Business Intelligence & Data Visualization	EC-4	50		50	2Hrs	2
38	BBA601	a) Banking (F) b) Buyer Behaviour (M) c) Leadership and Change Management (HR)	CC-29	35	15	50	5Hrs	5
39	BBA602	a) Risk Analysis And Management(F) b) Advertising and Sales Promotion (M) c) Talent and Knowledge Management (HR)	CC-30	35	15	50	5Hrs	5
40	BBA603	a) International Finance (F) b) Rural Marketing (M) c) Employees Relations (HR)	CC-31	35	15	50	5Hrs	5
40	BBA604	Project Report & Viva-Voce	CC-32	PR 35	VV 15	Grade	4Hrs	4
							30Hrs	29

Notation : CC – Core Courses- ELS: English Language Skill; SLS: Second Language Skill; AECC: Ability Enhancement Compulsory Course; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; T: Theory; P: Practical; I: Internal Exam; PR: Project Report; VV: Viva-Voce Examination; F: Finance; M: Marketing; HR: Human Resource Management.


Head
Department of Business Administration
Anwarul Uloom College
(Autonomous)
(Affiliated to Osmania University)
New Mallepally, Hyd-01


Dr. Syed Khaja Safiuddin
Assistant Professor (Selection Grade)
Department of Management & Commerce
Maulana Azad National Urdu University
Gachibowli, Hyderabad. (T.S.)

STRUCTURE OF B.B.M DEGREE COURSE w.e.f. ACADEMIC YEAR 2020 onwards								
SEMESTER-I								
Sl.No	Code	Course Title	Course Type	Sem Exam	IA	Total	HPW	Credits
1	ELS-1	English (First Language) 1	-	35	15	50	4Hrs	4
2.	MIL-1	MIL-I	-	35	15	50	4Hrs	4
3.	AECC-1	Environmental Science	AECC1	50	-	50	2Hrs	2
4	BBM101	Principles of Management	DSC-1	35	15	50	5Hrs	5
5	BBM102	Financial Accounting	DSC-2	35	15	50	5Hrs	5
6	BBM103	Business Economics	DSC-3	35	15	50	5Hrs	5
		Total					25 Hrs	25
SEMESTER-II:								
7.	ELS-2	English (First Language) 2	-	35	15	50	4Hrs	4
	MIL-2	MIL-2	-	35	15	50	4Hrs	4
	AECC-2	Basic Computer Skills	AECC2	50	-	50	2Hrs	2
5	BBM201	Fundamentals of Marketing	DSC-4	35	15	50	5Hrs	5
6	BBM202	Business Statistics	DSC-5	35	15	50	5Hrs	5
7	BBM203	Business Correspondence and Communication	DSC-6	35	15	50	5Hrs	5
		Total					25Hrs	25

[Signature]
HEAD
Department of Business Administration
Anwarul Uloom College
New Mallepally, Hyderabad-01

[Signature]
Dr. Syed Khaja Safiuddin
Assistant Professor
Department of Management Studies
Maulana Azad National Urdu University
Gechibowli, Hyderabad. (T.S.)

B.COM (General)
CBCS COURSE STRUCTURE
w.e.f. 2019-2022 Batch

2021-2022

Sl.No.	Code	Course Title	Sem Exam	IA	Total	THPW	Credits
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
FIRST YEAR: SEMESTER-I (Syllabus Approved in the year (2019-20))							
1.	ELS1	English (First Language)	80	20	100	4 hrs	4
2.	SLS1	Second Language (IUTA)	35	15	50	4 hrs	4
3.	AECC-1	a) Environmental Science - (OR) b) Basic Computer Skills	50	-	50	2 hrs	2
4.	DSC101	Financial Accounting-I	35	15	50	5 hrs	5
5.	DSC102	Business Organization and Management	35	15	50	5 hrs	5
6.	DSC103	Foreign Trade	35	15	50	5 hrs	5
		Total				25	25
SEMESTER-II:							
7.	ELS2	English (First Language)	35	15	50	4 hrs	4
8.	SLS2	Second Language(IUTA)	35	15	50	4 hrs	4
9.	AECC-2	a) Basic Computer Skills - (OR) b) Environmental Science	50	-	50	2 hrs	2
10.	DSC201	Financial Accounting-II	35	15	50	5 hrs	5
11.	DSC202	Business Laws	35	15	50	5 hrs	5
12.	DSC203	Banking and Financial Services	35	15	50	5 hrs	5
		Total				25	25
SECOND YEAR: SEMESTER-III (Syllabus Approved in the year (20-2021))							
13.	ELS3	English (First Language)	35	15	50	3 hrs	3
14.	SLS3	Second Language(IUTA)	35	15	50	3 hrs	3
15.	SEC-1	a) Principles of Insurance - (OR) b) Foundation of Digital Marketing-(OR) c) Fundamentals of Business Analytics	50	-	50	2 hrs	2
16.	SEC-2	a) Practice of Life Insurance -(OR) b) Web Design & Analytics-(OR) c) Application of Business Analytics	50	-	50	2 hrs	2
17.	DSC301	Advanced Accounting	35	15	50	5 hrs	5
18.	DSC302	Business Statistics-I	35	15	50	5 hrs	5
19.	DSC303	Financial Institutions and Markets	35	15	50	3 hrs	5
		Total				25	25
SEMESTER - IV							
20.	ELS4	English (First Language)	35	15	50	3 hrs	3
21.	SLS4	Second Language(IUTA)	35	15	50	3 hrs	3
22.	SEC-3	a) Practice of General Insurance- (OR) b) Social Media Marketing -(OR) c) Business Intelligence	50	-	50	2 hrs	2
23.	SEC-4	a) Regulation of Insurance Business -(OR) b) Search Engine Optimization & Online Advertising -(OR) c) Data Visualization & Storytelling	50	-	50	2 hrs	2
24.	DSC401	Income Tax	35	15	50	5 hrs	5
25.	DSC402	Business Statistics-II	35	15	50	5 hrs	5
26.	DSC403	Corporate Accounting	35	15	50	5 hrs	5
		Total				25	25

Website: www.anwarululoom.in

Commerce Blog: www.auccommerceblog.wordpress.com

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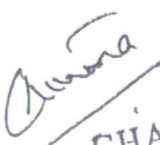


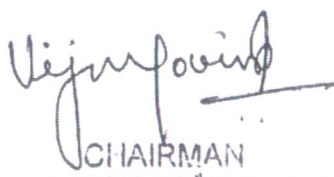
Board of Studies in Commerce
Osmania University
Hyderabad - 500 007., (TS)

(Signature)

BOARD OF STUDIES IN COMMERCE
ANWARUL ULOOM COLLEGE
AFFILIATED TO OSMANIYA UNIVERSITY
HYDERABAD-500 001 (T.S.)

THIRD YEAR: SEMESTER-V (2021-2022)							
27.	ELS5	English (First Language)	35	15	50	3hrs	3
28.	SLS5	Second Language(HUTA)	35	15	50	3 hrs	3
29.	GE	Business Economics	50	-	50	4 hrs	4
30.	DSE501	a) Cost Accounting – (OR) b) Financial Planning & Performance- (OR) c) International Financial Reporting-I	35	15	50	5 hrs	5
31.	DSE502	a) Computerized Accounting-(OR) *(35M + 15P = 50: 5 Credits)	50	35P+15IA/ 20	50	3T+4P /5 hrs	5
		b) Financial Decision Making-I -(OR) (35M + 15IA = 50: 5 Credits)					
		c) International Tax & Regulation (35M + 15IA = 50: 5 Credits)					
32.	DSE503	a) Auditing-(OR) b) Advanced Corporate Accounting-(OR) c) Financial Management	35	15	50	5 hrs	5
Total -						25	25
SEMESTER – VI							
33.	ELS6	English (First Language)	35	15	50	3 hrs	3
34.	SLS6	Second Language(HUTA)	35	15	50	3 hrs	3
35.	Project Report	Research Methodology and Project Report	35R	15 VIVA	50	2T+4R	4
36.	DSE601	a) Cost Control and Management Accounting-(OR) b) Financial control-(OR) c) International Financial Reporting-II	35	15	50	5hrs	5
37.	DSE602	a) Theory and Practice of GST-(OR) * (35M + 15P = 50: 5 Credits)	35	15P*/15IA	50	3T+4P/ 5 hrs	5
		b) Financial Decision Making-II -(OR) (35M + 15IA = 50: 5 Credits)					
		c) International Auditing (35M + 15IA = 50: 5 Credits)					
38.	DSE603	a) Accounting Standards-(OR) b) Corporate Governance-(OR) c) Investment Management	35	15	50	5 hrs	5
Total						25	25
GRAND TOTAL						150	150


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 ANWARUL ULOOM COLLEGE
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 HYDERABAD-500 001 (T.S.)


ELS: English Language Skill; SLS: Second Language Skill; HUTA: Hindi, Urdu, Telugu, Arabic AECC: Ability Enhancement Compulsory Course; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; THPW: Teaching hours per week; T: Theory; P: Practical (Two practical classes are considered as One hour of classroom teaching ; IA: Internal Assessment; : PR: Project Report; R: Record; VV: Viva- Voce Examination.

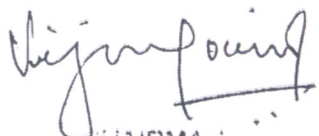
Note: *If a student opts for 'a' in III semester, He/She has to opt for "a" in the following semester too (IV Semester)

- The application of rule is same in case of SEC "b" and "c" too.
- When a student opt for DSE cases the rule stands the same in its application.

SUMMARY OF CREDITS

Sl. No. (1)	Course Category (2)	No. of Courses (3)	Credits Per Course (4)	Credits (5) (3) x (4)=(5)
1	English Language	6	4/3	20
2	Second Language	6	4/3	20
3	AECC	2	2	4
4	SEC	4	2	8
5	GE	1	4	4
6	Project Report.	1	4	4
7	DSC	12	5	60
8	DSE	6	5	30
	TOTAL	38		150
	Commerce Subjects	24		110
CREDITS UNDER NON-CGPA		NSS/NCC/Sports/Extra Curricular	Up to 6 (2 in each year)	
		Summer Internship	Up to 4 (2 in each after I & II years)	


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Osmania University
Hyderabad - 500 007., (TS)


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ANWARUL ULOOM COLLEGE
AFFILIATED TO OSMANIYA UNIVERSITY
HYDERABAD-500 001 (T.S.)

**B.COM (Comp Appl)
CBCS COURSE STRUCTURE
w.e.f. 2019-2022 Batch**

Sl.No.	Code	Course Title	Sem Exm	IA	Total	THPW	Credits
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
FIRST YEAR: SEMESTER – I (Syllabus Approved in the year 2019-20)							
1.	ELS1	English (First Language)	35	15	50	4 hrs	4
2.	SLS1	Second Language (HUTA)	35	15	50	4 hrs	4
3.	AECC-1	a) Environmental Science- (OR) b) Basic Computer Skills	50	-	50	2 hrs	2
4.	DSC101	Financial Accounting-I	35	15	50	5 hrs	5
5.	DSC102	Business Organization and Management	35	15	50	5 hrs	5
6.	DSC103	Fundamentals of Information Technology	35	15P*	50	3T+ 4P	5
		Total				25	25
SEMESTER – II							
7.	ELS2	English (First Language)	35	15	50	4 hrs	4
8.	SLS2	Second Language(HUTA)	35	15	50	4 hrs	4
9.	AECC-2	a) Basic Computer Skills- (OR) b) Environmental Science	50	-	50	2 hrs	2
10.	DSC201	Financial Accounting*II	35	15	50	5 hrs	5
11.	DSC202	Business Laws	35	15	50	5 hrs	5
12.	DSC203	Object Oriented Programming using JAVA	35	15P*	50	3T+ 4P	5
		Total				25	25
SECOND YEAR: SEMESTER – III (Syllabus Approved in the year 2020-21)							
13.	ELS3	English (First Language)	35	15	50	3 hrs	3
14.	SLS3	Second Language (HUTA)	35	15	50	3 hrs	3
15.	SEC-1	a) Principles of Insurance-(OR) b) Foundation of Digital Marketing-(OR) c) Fundamentals of Business Analytics	50	-	50	2 hrs	2
16.	SEC-2	a) Practice of Life Insurance-(OR) b) Web Design & Analytics-(OR) c) Application of Business Analytics	50	-	50	2 hrs	2
17.	DSC301	Advanced Accounting	35	15	50	5 hrs	5
18.	DSC302	Business Statistics-I	35	15	50	5 hrs	5
19.	DSC303	Relational Database Management System	35	15P*	50	3T+4P	5
		Total				25	25
SEMESTER – IV							
20.	ELS4	English (First Language)	35	15	50	3 hrs	3
21.	SLS4	Second Language (HUTA)	35	15	50	3 hrs	3
22.	SEC-3	a) Practice of General Insurance- (OR) b) Social Media Marketing- (OR) c) Business Intelligence	50	-	50	2 hrs	2
23.	SEC-4	a)Regulation of Insurance Business- (OR) b)Search Engine Optimization & Online Advertising- (OR) c)Data Visualisation &Storytelling	50	-	50	2 hrs	2
24.	DSC401	Income Tax	35	15	50	5 hrs	5
25.	DSC402	Business Statistics-II	35	15	50	5 hrs	5
26.	DSC403	Web Technologies	35	15P*	50	3T+4P	5

Vijay Kumar
CHAIRMAN

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Board of Studies in Commerce
Osmania University
Hyderabad - 500 007., (TS)

		Total				25	25
THIRD YEAR: SEMESTER – V-(2021-22)							
27.	ELS5	English (First Language)	35	15	50	3hrs	3
28.	SLS5	Second Language(HUTA)	35	15	50	3hrs	3
29.	GE	Business Economics	50	-	50	4hrs	4
30.	DSE501	a) Cost Accounting- (OR) b) Financial Planning & Performance- (OR) c) International Financial Reporting-I	35	15	50	5hrs	5
31.	DSE502	a) Computerized Accounting-(OR) *(35M + 15P = 50: 5 Credits)	35	15P*/15IA	50	3T+4P/ 5hrs	5
		b) Financial Decision Making-I -(OR) (35M + 15IA = 50: 5 Credits)					
		c) International Tax & Regulation (35M + 15IA = 50: 5 Credits)					
32.	DSE503	a) Management Information Systems -(OR) b) Ecommerce-(OR) c) Mobile Applications	35	15P*	50	3T+4P	5
		Total				25	25
SEMESTER – VI							
33.	ELS6	English (First Language)	35	15	50	3 hrs	3
34.	SLS6	Second Language(HUTA)	35	15	50	3 hrs	3
35.	Project Report	Research Methodology and Project Report	35R	15 VIVA	50	2T+4R	4
36.	DSE601	a) Cost Control and Management Accounting-(OR) b) Financial control-(OR) c) International Financial Reporting-II	35	15	50	5 hrs	5
37.	DSE602	a) Theory and Practice of GST-(OR) *(35M + 15P = 50: 5 Credits)	35	15P*/15IA	50	3T+4P/ 5hrs	5
		b) Financial Decision Making-II -(OR) (35M + 15IA = 50: 5 Credits)					
		c) International Auditing (35M + 15IA = 50: 5 Credits)					
38.	DSE603	a) Multimedia Systems-(OR) b) Cyber Security-(OR) c) Data Analytics	35	15P*	50	5hrs	5
		Total				25	25
		GRAND TOTAL				150	150

Vijay Kumar

CHAIRMAN

BOARD OF STUDIES IN COMMERCE
ANVARUL ULOOM COLLEGE
AFFILIATED TO OSMANIA UNIVERSITY
HYDERABAD-500 001 (TS)

9

Arundha



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Board of Studies in Commerce
Osmania University
Hyderabad - 500 007., (TS)

ELS: English Language Skill : Second Language Skill; HUTA

AECC Ability Enhancement compulsory course; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; Teaching hours per week; T: Theory; P: Practical (Two practical classes are considered as One hour of classroom teaching); IA: Internal Assessment; PR: Project Report; R: Record; VV: Viva-Voce Examination;

Note: *If a student opts for 'a' in III semester, He/She has to opt for "a" in the following semester too (IV Semester)

- The application of rule is same in case of SEC "b" and "c" too.
- When a student opt for DSE cases the rule stands the same in its application.

Sl. No. (1)	Course Category (2)	No. of Courses (3)	Credits Per Course (4)	Credits (5)
				(3)x(4) = (5)
1	English Language	6	4/3	20
2	Second Language	6	4/3	20
3	AECC	2	2	4
4	SEC	4	2	8
5	GE	1	4	4
6	Project Report	1	4	4
7	DSC	12	5	60
8	DSE	6	5	30
	TOTAL	38		150
	Commerce Subjects	26		110
CREDITS UNDER NON-CGPA		NSS/NCC/Sports/Extra Curricular	Up to 6 (2 in each year)	
		Summer Internship	Up to 4 (2 in each after I & II years)	

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BOARD OF STUDIES IN COMMERCE
ANWARUL ULOOM COLLEGE
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Board of Studies in Commerce
Osmania University
Hyderabad - 500 007., (TS)

B.COM (E-Commerce)
CBCS COURSE STRUCTURE
w.e.f. 2019-2022 Batch

Sl.No.	Code	Course Title	Sem Exam	IA	Total	THPW	Credits
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
FIRST YEAR: SEMESTER-I (Syllabus Approved in the year 2019-20)							
1.	ELS1	English (First Language)	35	15	50	4 hrs	4
2.	SLS1	Second Language(HUTA)	35	15	50	4 hrs	4
3.	AECC1	a) Environmental Science-(OR) b) Basic Computer Skills	50	-	50	2 hrs	2
4.	DSC101	Financial Accounting-I	35	15	50	5 hrs	5
5.	DSC102	Business Organization and Management	35	15	50	5 hrs	5
6.	DSC103	Fundamentals of Information Technology	35	15 P*	50	3T+4P/5Hrs	5
		Total				25	25
SEMESTER-II:							
7.	ELS2	English (First Language)	35	15	50	4 hrs	4
8.	SLS2	Second Language(HUTA)	35	15	50	4 hrs	4
9.	AECC2	a) Basic Computer Skills -(OR) b) Environmental Science	50	-	50	2 hrs	2
10.	DSC201	Financial Accounting-II	35	15	50	5 hrs	5
11.	DSC202	Business Laws	35	15	50	5 hrs	5
12.	DSC203	Relational Database Management systems	35	15 P*	50	3T+4P/5Hrs	5
		Total				25	25
SECOND YEAR : SEMESTER-III (Syllabus Approved in the year(2020-21)							
13.	ELS3	English (First Language)	35	15	50	3 hrs	3
14.	SLS3	Second Language(HUTA)	35	15	50	3 hrs	3
15.	SEC1	a) Principles of Insurance-(OR) b) Foundation of Digital Marketing-(OR) c) Fundamentals of Business Analytics	50	-	50	2 hrs	2
16.	SEC2	a) Practice of Life Insurance-(OR) b) Web Design & Analytics-(OR) c) Application of Business Analytics	50	-	50	2 hrs	2
17.	DSC301	Advanced Accounting	35	15	50	5 hrs	5
18.	DSC302	Business Statistics-I	35	15	50	5 hrs	5
19.	DSC303	Programming with C	35	15P*	50	3T+4P/5Hrs	5
		Total				25	25
SEMESTER - IV							
20.	ELS4	English (First Language)	35	15	50	3 hrs	3
21.	SLS4	Second Language(HUTA)	35	15	50	3 hrs	3
22.	SEC3	a) Practice of General Insurance-(OR) b) Social Media Marketing-(OR) c) Business Intelligence	50	-	50	2 hrs	2
23.	SEC4	a) Regulation of Insurance Business-(OR) b) Search Engine Optimization & Online Advertising -(OR) c) Data Visualization & Storytelling	50	-	50	2 hrs	2
24.	DSC401	Income Tax	35	15	50	5 hrs	5
25.	DSC402	Business Statistics-II	35	15	50	5 hrs	5
26.	DSC403	Object Oriented Programming with C++	35	15P*	50	3T+4P/5Hrs	5
		Total				25	25

Vignepoul
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BOARD OF STUDIES IN COMMERCE
ANWARUL ULOOM COLLEGE
AFFILIATED TO OSMANIYA UNIVERSITY
HYDERABAD-500 001 (T.S.)

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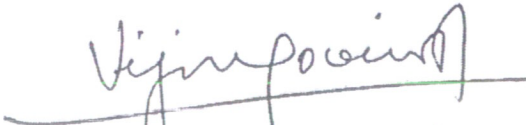
Alhina
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Board of Studies in Commerce
Osmania University
Hyderabad - 500 007.. (TS)

THIRD YEAR: SEMESTER-V: (2021-2022)

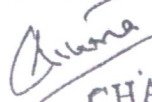
27.	ELSS	English (First Language)	35	15	50	3hrs	3
28.	SLS5	Second Language(HUTA)	35	15	50	3 hrs	3
29.	GE	a) Business Economics	50	-	50	4 hrs	4
30.	DSE501	a) Cost Accounting-(OR) b) Financial Planning & Performance-(OR) c) International Financial Reporting-I	35	15	50	5 hrs	5
31.	DSE502	a) Computerized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

SEMESTER – VI

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


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Hyderabad - 500 007., (TS)

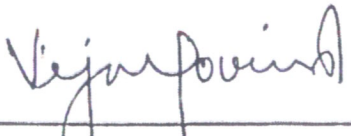
ELS: English Language Skill; SLS: Second Language Skill; **HUTA**: Hindi, Urdu, Telugu, Arabic; AECC: Ability Enhancement Compulsory Course; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; THPW: Teaching hours per week; T: Theory; P: Practical (Two practical classes are considered as One hour of classroom teaching); IA: Internal Assessment PR: Project Report; VV: Viva-Voce Examination; R:Record.

Note: *If a student opts for 'a' in III semester, He/She has to opt for "a" in the following semester too (IV Semester)

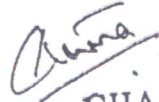
- The application of rule is same in case of SEC "b" and "c" too.
- When a student opt for DSE cases the rule stands the same in its application

SUMMARY OF CREDITS

Sl. No. (1)	Course Category (2)	No. of Courses (3)	Credits Per Course (4)	Credits (5)
				(3)x(4) = (5)
1	English Language	6	4/3	20
2	Second Language	6	4/3	20
3	AECC	2	2	4
4	SEC	4	2	8
5	GE	1	4	4
6	Project Report	1	4	4
7	DSC	12	5	60
8	DSE	6	5	30
	TOTAL	38		150
	Commerce Subjects	24		106
CREDITS UNDER NON-CGPA		NSS/NCC/Sports/ Extra Curricular	Up to 6 (2 in each year)	
		Summer Internship	Up to 4 (2 in each after I & II years)	


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Osmania University
Hyderabad - 500 007., (TS)

B.COM (Advertising & Sales Management)

CBCS COURSE STRUCTURE

w.e.f.2019-22 Batch

Sl.No.	Code	Course Title	Sem Exam	IA	Total	THPW	Credits
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
FIRST YEAR: SEMESTER – I (Syllabus Approved in the year 2019-20)							
1.	ELS1	English (First Language)	35	15	50	4 hrs	4
2.	SLS1	Second Language (HUTA)	35	15	50	4 hrs	4
3.	AECC1	a) Environmental Science-(OR) b) Basic Computer Skills	50	-	50	2 hrs	2
4.	DSC101	Financial Accounting-I	35	15	50	5 hrs	5
5.	DSC102	Business Organization and Management	35	15	50	5 hrs	5
6.	DSC103	Marketing Management	35	15	50	5 hrs	5
Total						25	25
SEMESTER – II							
7.	ELS2	English (First Language)	35	15	50	4 hrs	4
8.	SLS2	Second Language (HUTA)	35	15	50	4 hrs	4
9.	AECC2	a) Basic Computer Skills-(OR) b) Environmental Science	50	-	50	2 hrs	2
10.	DSC201	Financial Accounting-II	35	15	50	5 hrs	5
11.	DSC202	Business Laws	35	15	50	5 hrs	5
12.	DSC203	Fundamentals of Advertising	35	15	50	5 hrs	5
Total						25	25
SECOND YEAR: SEMESTER – III (Syllabus Approved in the year 2020-21)							
13.	ELS3	English (First Language)	35	15	50	3 hrs	3
14.	SLS3	Second Language (HUTA)	35	15	50	3 hrs	3
15.	SEC1	a) Principles of Insurance-(OR) b) Foundation of Digital Marketing-(OR) c) Fundamentals of Business Analytics	50	-	50	2 hrs	2
16.	SEC2	a) Practice of Life Insurance-(OR) b) Web Design & Analytics-(OR) c) Application of Business Analytics	50	-	50	2 hrs	2
17.	DSC301	Advanced Accounting	35	15	50	5 hrs	5
18.	DSC302	Business Statistics-I	35	15	50	5 hrs	5
19.	DSC303	Media Management	35	15	50	5 hrs	5
Total						25	25
SEMESTER – IV							
20.	ELS4	English (First Language)	35	15	50	3 hrs	3
21.	SLS4	Second Language (HUTA)	35	15	50	3 hrs	3
22.	SEC3	a) Practice of General Insurance-(OR) b) Social Media Marketing-(OR) c) Business Intelligence	50	-	50	2 hrs	2
23.	SEC4	a) Regulation of Insurance Business-(OR) b) Search Engine Optimization & Online Advertising -(OR) c) Data Visualisation & Storytelling	50	-	50	2 hrs	2
24.	DSC401	Income Tax	35	15	50	5 hrs	5
25.	DSC402	Business Statistics-II	35	15	50	5 hrs	5
26.	DSC403	Marketing Research	35	15	50	5 hrs	5
Total						25	25

Website: www.auc.uloom.in

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ANWARUL ULOOM COLLEGE
AFFILIATED TO OSMANIYA UNIVERSITY
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Vijaya
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Hyderabad - 500 007., (TS)

Commerce Blog: www.auccommerceblog.wordpress.com

SEMESTER – V 2021-22

27.	ELS5	English (First Language)	35	15	50	3 hrs	3
28.	SLS5	Second Language (HUTA)	35	15	50	3 hrs	3
29.	GE	Business Economics	50	-	50	4 hrs	4
30.	DSE501	a) Cost Accounting-(OR) b) Financial Planning & Performance-(OR) c) International Financial Reporting-I	35	15	50	5 hrs	5
31.	DSE502	a) Computerized Accounting-(OR) *(35M + 15P = 50: 5 Credits) b) Financial Decision Making-I-(OR) (35M + 15IA = 50: 5 Credits) c) International Tax & Regulation (35M + 15IA = 50: 5 Credits)	35	15P*/15IA	50	3T+4P/ 5 hrs	5
32.	DSE503	a) International Advertising-(OR) b) Advanced Corporate Accounting-(OR) c) Financial Management	35	15	50	5 hrs	5
		Total				25	25
		SEMESTER – VI					
33.	ELS6	English (First Language)	35	15	50	3 hrs	3
34.	SLS6	Second Language (HUTA)	35	15	50	3 hrs	3
35.	PR	Research Methodology and Project Report	35R	15VV	50	2T+4R	4
36.	DSE601	a) Cost Control and Management Accounting-(OR) b) Financial control-(OR) c) International Financial Reporting-II	35	15	50	5 hrs	5
37.	DSE602	a) Theory and Practice of GST-(OR) *(35M + 15P = 50: 5 Credits) b) Financial Decision Making-II -(OR) (35M + 15IA = 50: 5 Credits) c) International Auditing (35M + 15IA = 50: 5 Credits)	35	15P*/ 15IA	50	3T+4P/ 5 hrs	5
38.	DSE603	a) Brand Management-(OR) b) Corporate Governance-(OR) c) Investment management	35	15	50	5 hrs	5
		Total				25	25
		GRAND TOTAL				150	150

Vijay Kumar

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Hyderabad - 500 007., (TS)

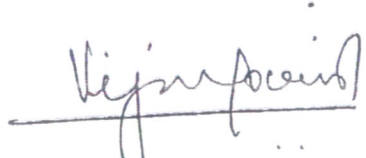
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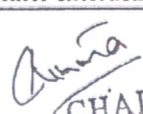
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3	AECC	2	2	4
4	SEC	4	2	8
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6	Project Report	1	4	4
7	DSC	12	5	60
8	DSE	6	5	30
	TOTAL	38		150
	Commerce Subjects	24		106
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		Summer Internship	Up to 4 (2 in each after I & II years)	


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Hyderabad - 500 007., (TS)

B.COM (Foreign Trade)
CBCS COURSE STRUCTURE
w.e.f. 2019-2022 Batch

Sl.No	Code	Course Title	Sem Exam	IA	Total	T/HPW	Credits
(1)	(2)	(3)	(4)	(5)	(7)	(6)	(8)
FIRST YEAR: SEMESTER – I (Syllabus Approved in the year 2019-20)							
1.	ELS1	English (First Language)	35	15	50	4 hrs	4
2.	SLS1	Second Language(HUTA)	35	15	50	4 hrs	4
3.	AECC-1	a) Environmental Science-(OR) b) Basic Computer Skills	50	-	50	2 hrs	2
4.	DSC101	Financial Accounting-I	35	15	50	5 hrs	5
5.	DSC102	Business Organization and Management	35	15	50	5 hrs	5
6.	DSC103	Introduction to International Business	35	15	50	5 hrs	5
		Total				25	25
SEMESTER – II							
7.	ELS2	English (First Language)	35	15	50	4 hrs	4
8.	SLS2	Second Language(HUTA)	35	15	50	4 hrs	4
9.	AECC-2	a) Basic Computer Skills-(OR) b) Environmental Science	50	-	50	2 hrs	2
10.	DSC201	Financial Accounting-II	35	15	50	5 hrs	5
11.	DSC202	Business Laws	35	15	50	5 hrs	5
12.	DSC203	Export Marketing	35	15	50	5 hrs	5
		Total				25	25
SECOND YEAR: SEMESTER – III- (Syllabus Approved in the year 2020 - 21)							
13.	ELS3	English (First Language)	35	15	50	3 hrs	3
14.	SLS3	Second Language(HUTA)	35	15	50	3 hrs	3
15.	SEC-1	a) Principles of Insurance-(OR) b) Foundation of Digital Marketing-(OR) c) Fundamentals of Business Analytics	50	-	50	2 hrs	2
16.	SEC-2	a) Practice of Life Insurance-(OR) b) Web Design & Analytics-(OR) c) Application of Business Analytics	50	-	50	2 hrs	2
17.	DSC301	Advanced Accounting	35	15	50	5 hrs	5
18.	DSC302	Business Statistics-I	35	15	50	5 hrs	5
19.	DSC303	International Business Procedures & Documentation	35	15	50	5 hrs	5
		Total				25	25
SEMESTER – IV							
20.	ELS4	English (First Language)	35	15	50	3 hrs	3
21.	SLS4	Second Language(HUTA)	35	15	50	3 hrs	3
22.	SEC-3	a) Practice of General Insurance-(OR) b) Social Media Marketing-(OR) c) Business Intelligence	50	-	50	2 hrs	2
23.	SEC-4	a) Regulation of Insurance Business-(OR) b) Search Engine Optimization & Online Advertising-(OR) c) Data Visualisation & Storytelling	50	-	50	2 hrs	2
24.	DSC401	Income Tax	35	15	50	5 hrs	5
25.	DSC402	Business Statistics-II	35	15	50	5 hrs	5
26.	DSC403	Corporate Accounting	35	15	50	5 hrs	5
		Total				25	25

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Board of Studies in Commerce
Osmania University
Hyderabad - 500 007., (TS)

THIRD YEAR: SEMESTER V- (2021-2022)

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

SEMESTER – VI

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

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ANWARUL ULOOM COLLEGE
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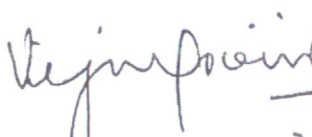
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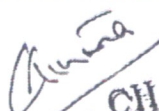
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- The application of rule is same in case of SEC "b" and "c" too.
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2	Second Language	6	4/3	20
3	AECC	2	2	4
4	SEC	4	2	8
5	GE	1	4	4
6	Project Report	1	4	4
7	DSC	12	5	60
8	DSE	6	5	30
	TOTAL	38		150
	Commerce Subjects	26		110
CREDITS UNDER NON-CGPA		NSS/NCC/Sports/ Extra Curricular	Up to 6 (2 in each year)	
		Summer Internship	Up to 4 (2 in each after I & II years)	


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Hyderabad - 500 007.; (T.S.)

B.COM (Tax Procedures)
CBCS COURSE STRUCTURE
w.e.f. 2019-2022 Batch

Sl.No.	Code	Course Title	Sem Exam	IA	Total	THPW	Credits
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
FIRST YEAR: SEMESTER – I (Syllabus Approved in the year 2019-20)							
1.	ELS1	English (First Language)	35	15	50	4 hrs	4
2.	SLS1	Second Language (HUTA)	35	15	50	4 hrs	4
3.	AECC1	a) Environmental Science-(OR) b) Basic Computer Skills	50	-	50	2 hrs	2
4.	DSC101	Financial Accounting-I	35	15	50	5 hrs	5
5.	DSC102	Business Organization and Management	35	15	50	5 hrs	5
6.	DSC103	Income Tax – I	35	15	50	5 hrs	5
		Total				25	25
SEMESTER – II							
7.	ELS2	English (First Language)	35	15	50	4 hrs	4
8.	SLS2	Second Language (HUTA)	35	15	50	4 hrs	4
9.	AECC2	a) Basic Computer Skills-(OR) b) Environmental Science	50	-	50	2 hrs	2
10.	DSC201	Financial Accounting-II	35	15	50	5 hrs	5
11.	DSC202	Business Laws	35	15	50	5 hrs	5
12.	DSC203	Income Tax – II	35	15	50	5 hrs	5
		Total				25	25
SECOND YEAR: SEMESTER – III- (2020-21)							
13.	ELS3	English (First Language)	35	15	50	3 hrs	3
14.	SLS3	Second Language (HUTA)	35	15	50	3 hrs	3
15.	SEC1	a) Principles of Insurance-(OR) b) Foundation of Digital Marketing-(OR) c) Fundamentals of Business Analytics	50	-	50	2 hrs	2
16.	SEC2	a) Practice of Life Insurance-(OR) b) Web Design & Analytics-(OR) c) Application of Business Analytics	50	-	50	2 hrs	2
17.	DSC301	Advanced Accounting	35	15	50	5 hrs	5
18.	DSC302	Business Statistics-I	35	15	50	5 hrs	5
19.	DSC303	Assessment of Other Entities	35	15	50	5 hrs	5
		Total				25	25
SEMESTER – IV							
20.	ELS4	English (First Language)	35	15	50	3 hrs	3
21.	SLS4	Second Language (HUTA)	35	15	50	3 hrs	3
22.	SEC3	a) Practice of General Insurance-(OR) b) Social Media Marketing-(OR) c) Business Intelligence	50	-	50	2 hrs	2
23.	SEC4	a) Regulation of Insurance Business-(OR) b) Search Engine Optimization & Online Advertising-(OR) c) Data Visualisation & Storytelling	50	-	50	2 hrs	2
24.	DSC401	Excel Foundation	35	15	50	5 hrs	5
25.	DSC402	Business Statistics-II	35	15	50	5 hrs	5
26.	DSC403	Customs Procedure & Practice	35	15	50	5 hrs	5
		Total				25	25

[Signature]
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Osmania University
Hyderabad - 500 007., (15)

THIRD YEAR : SEMESTER – V(2021-2022)

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

SEMESTER – VI

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

Vijay Prasad

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BOARD OF STUDIES IN COMMERCE
ANWARUL ULOOM COLLEGE
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NOTE:

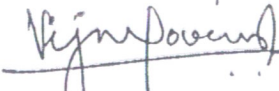
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ANWARUL ULOOM COLLEGE
AFFILIATED TO OSMANIYA UNIVERSITY,
HYDERABAD-500 001 (T.S.)




CHAIRMAN
Board of Studies in Commerce
Osmania University
Hyderabad - 500 007., (TS)

M.COM

CBCS COURSE STRUCTURE

FIRST YEAR FIRST SEMESTER									
Sl. No.	Code	Title of the Paper	THP W	Credits	DESE	Marks			
						IA	A	ESE	Total
1.	Com 1 : Core - I	Managerial Economics	5	4	3 Hrs	15	5	80	100
2.	Com 2 : Core - II	Principles of Marketing	5	4	3 Hrs	15	5	80	100
3.	Com 3 : Core - III	OT & OB	5	4	3 Hrs	15	5	80	100
4.	Com 4 : Elective-I :	Financial Management	5	5	3 Hrs	15	5	80	100
5.	Com 5 : Elective-II :	Indian Accounting Standards	5	5	3 Hrs	15	5	80	100
	Seminar		2	1	-	-	-	25*	25
	Total		27	23		75	25	425	525

FIRST YEAR SECOND SEMESTER									
Sl. No.	Code	Title of the Paper	THPW	Credits	DESE	Marks			
						IA	A	ESE	Total
6.	Com 6: Core - I	International Business and Business Environment	5	4	3 Hrs	15	5	80	100
7.	Com 7: Core -II	Marketing Management	5	4	3 Hrs	15	5	80	100
8.	Com 8: Core - III	Human Resource Management	5	4	3 Hrs	15	5	80	100
9.	Com 9: Elective-I:	Investment Management	5	5	3 Hrs	15	5	80	100
10.	Com 10: Elective-II:	Advanced Managerial Accounting	5	5	3 Hrs	15	5	80	100
	Seminar		2	1	-	-	-	25*	25
	Total		27	23		75	25	425	525

Vijay Prasad

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BOARD OF STUDIES IN COMMERCE
ANWARUL ULOOM COLLEGE
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Alvina

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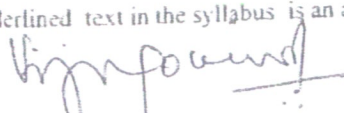
SECOND YEAR THIRD SEMESTER									
Sl. No.	Code	Title of the Paper	THPW	Credits	DESE	Marks			
						IA	A	ESE	Total
11	Com: 11 Core – I	Research Methodology & Statistical Analysis	5	4	3 Hrs	15	5	80	100
12	Com: 12 Core – II	E-Commerce	5 (4T+2P)	4	3 Hrs	-	40 LPE	60	100
13	Com: 13 Core – III	Cost Accounting and Control	5	4	3 Hrs	15	5	80	100
14	Com: 14 Elective-I:	International Financial Management	5	5	3 Hrs	15	5	80	100
15	Com: 15 Elective - II	Security Analysis and Portfolio Management	5	5	3 Hrs	15	5	80	100
	Seminar		2	1	-	-	-	25*	25
	Total		31	27	-	60	60	405	525

SECOND YEAR FOURTH SEMESTER									
Sl. No.	Code	Title of the Paper	THPW	Credits	DESE	Marks			
						IA	A	ESE	Total
16	Com: 16 Core – I	Quantitative Techniques for Business Decisions	5	4	3 Hrs	15	5	80	100
17	Com: 17 Core – II	Corporate Taxation and Planning	5	4	3 Hrs	15	5	80	100
18	Com: 18 Core – III	Strategic Management	5	4	3 Hrs	15	5	80	100
19	Com: 19 Elective-I:	Financial Services	5	5	3 Hrs	15	5	80	100
20	Com: 20 Elective-II:	Financial Derivatives	5	5	3 Hrs	15	5	80	100
21	Com: 21	Project Work	8	4		-	-	50VV+ 50D	100
	Seminar		2	1		-	-	25*	25
	Total		35	27	-	75	25	525	625
	GRAND TOTAL		120	100	-	285	135	1980	2200

*25=15W+10PR

Inter Disciplinary (ID) Paper in Third Semester is offered to the Non-Commerce PG Students. THWP= Teaching Hours Per Week; ESED=End-Semester Examination Duration; VV=Viva-Voce; LPE=Lab Practical Examinations; D=Dissertation; T=Theory; P=Practical; W=Write-up; PR=Presentation; DESE = Duration of End-Semester Examination.

* The underlined text in the syllabus is an addition to the existing syllabus


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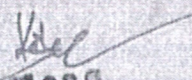
ANWARUL ULOOM COLLEGE

B.Sc (M.P.C; B.Z.C. B.M.C & N.Z.C)

SUBJECT: CHEMISTRY

Year	Semester	Course / Paper	Code. No.	Teaching hrs/Week	No. of Credits	
I	I	Paper-I (Theory)	6109	4 Hrs	4	
		Paper-II (Practicals)	6109 P	2 Hrs	1	
		1 st AECC I		2 Hrs	1	
	II	Environmental Studies				
		Paper-II (Theory)	6209	4 Hrs	4	
		Paper-II (Practicals)	6209 P	2 Hrs	1	
	AECC-II Basic Computer Skills		2 Hrs	2		
II	III	Paper-I (Theory)	6309	4 Hrs	4	
		Paper-II (Practicals)	6309P	2 Hrs	1	
		SECC I: Rules In Chemistry Laboratory	A6309	2 Hrs	1	
	IV	Paper-IV (Theory)	6409	4 Hrs	4	
		Paper-IV (Practicals)	6409P	2 Hrs	1	
		SECC II:Preparation Of Lab Reagents	16409	2 Hrs	1	
III	V	Paper V(Theory)	6509	4 Hrs	4	


	Paper – VA (Elective)	6509A	4 Hrs	4
	Paper- VB(Elective)	6509B	4 Hrs	4
	Paper – V- P-1(Practicals)	6509V-P1	2 Hrs	1
	Paper- V- P-2(Practicals)	6509V-P2	2 Hrs	1
	SECC III-Industrial Chemistry	A6509	2 Hrs	1
	GE I: Soaps & Detergents	G6509	2Hrs	1
VI	Paper-VI(Theory)	6609	4 Hrs	4
	Paper – VIA (Elective)	6609A	4 Hrs	4
	Paper- VIB(Elective)	6609B	4 Hrs	4
	Paper – VI-P1 (Practicals)	16609VIP1	2 Hrs	1
	Paper-VI-P-2(Practicals)	6609VI-P2	2 Hrs	1
	SECC IV-Water Technology	S6609	2 Hrs	1
	GE II: Fuel Chemistry	G6609	2Hrs	1


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ACADEMIC YEAR 2021-22 (2021-2022 Batch).

B.Sc (M.P.C,B.Z.C,B.M.C & N.Z.C) Ist.SEM.

SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTERNAL	TOTAL	DURATION
Ist SEM	ENG-I	4	4	4	20	80	100	4 HRS
	SL-I	4	4	4	20	80	100	4HRS
	MATHS-I (MPC) BOTANY-I (BZC) BIOTECH-I (BMC) NUTRITION-I (NZC)	4	4	4	20	80	100	4HRS
	PRACTICAL-I	-	4	2	-	-	50	4HRS
	PHYSICS-I (MPC) ZOOLOGY-I (BZC) (NZC) MICROBIOLOGY-I (BMC)	4	4	4	20	80	100	4HRS
	PRACTICAL-I	-	4	2	-	-	50	4HRS
	CHEMISTRY-I	4	4	4	20	80	100	4HRS
	PRACTICAL	-	4	2	-	-	50	4HRS
	AECC-1 (EVS)	2	2	2	-	-	50	4HRS
							<u>28 CREDITS</u>	<u>700</u>


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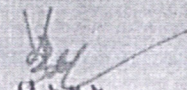
ACADEMIC YEAR 2021-2022 (2021-2022 Batch)

B.Sc (M.P.C, B.Z.C, B.M.C & N.Z.C) IInd SEM.

SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTERNAL	TOTAL	DURATION
IInd SEM	ENG-II	4	4	4	20	80	100	4 HRS
	SL-II	4	4	4	20	80	100	4HRS
	MATHS-II (MPC) BOTANY-II (BZC) BIOTECH-II (BMC) NUTRITION-II (NZC)	4	4	4	20	80	100	4HRS
	PRACTICAL-II	-	4	2	-	-	50	4HRS
	PHYSICS-II (MPC) ZOOLOGY-II(BZC)[NZC] MICROBIOLOGY-II (BMC)	4	4	4	20	80	100	4HRS
	PRACTICAL-II	-	4	2	-	-	50	4HRS
	CHEMISTRY-II	4	4	4	20	80	100	4HRS
	PRACTICAL	-	4	2	-	-	50	4HRS
AECC-II	BASIC COMP.SKILLS	2	2	2	-	-	50	4HRS

28CREDITS

700


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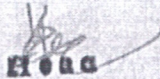
ACADEMIC YEAR 2021-2022 (2021-2022 Batch)

B.Sc (M.P.C, B.Z.C, B.M.C & N.Z.C) IIIrd SEM.

SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTERNAL	TOTAL	DURATION
IIIrd SEM	ENG-III	3	3	3	15	35	50	2 HRS
	SL-III	3	3	3	15	35	50	2HRS
	MATHS-III (MPC) BOTANY-III (BZC) BIOTECH-III (BMC) NUTRITION-III (NZC)	4	4	4	15	35	50	2HRS
	PRACTICAL-III	-	2	1	-	-	25	2HRS
	PHYSICS-III (MPC) ZOOLOGY-III (BZC)(NZC) MICROBIOLOGY-III (BMC)	4	4	4	15	35	50	2HRS
	PRACTICAL-III	-	2	1	-	-	25	2HRS
	CHEMISTRY-III	4	4	4	15	35	50	2HRS
	PRACTICAL	-	2	1	-	-	25	2HRS
	RULES IN CHEMISTRY LABORATORY SECC - I	2	2	2	-	-	50	2HRS

25 CREDITS

425


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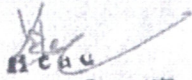
ACADEMIC YEAR 2021-2022 (2021-2022 Batch)

B.Sc (M.P.C, B.Z.C, B.M.C & N.Z.C) IV SEM.

SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTERNAL	TOTAL	DURATION	
IVth SEM	ENG-IV	3	3	3	15	35	50	2 HRS	
	SL-IV	3	3	3	15	35	50	2HRS	
	MATHS-IV(MPC) BOTANY-IV (BZC) BIOTECH-IV (BMC) NUTRITION-IV (NZC)	4	4	4	15	35	50	2HRS	
	PRACTICAL-IV	-	2	1	-	-	25	2HRS	
	PHYSICS-IV (MPC) ZOOLOGY-IV [BZC][NZC] MICROBIOLOGY-IV (BMC)	4	4	4	15	35	50	2HRS	
	PRACTICAL-IV	-	2	1	-	-	25	2HRS	
	CHEMISTRY-IV	4	4	4	15	35	50	2HRS	
	PRACTICAL	-	2	1	-	-	25	2HRS	
	SECC- PH-11 1	PREPARATION OF LAB REAGENTS	2	2	2	-	-	50	2HRS

23 CREDITS

375


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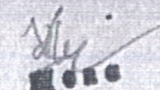
ACADEMIC YEAR 2021-2022 (2021-2022 Batch)

B.Sc (M.P.C, B.Z.C, B.M.C & N.Z.C) Vth SEM.

SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTERNAL	TOTAL	DURATION
Vth SEM	ENG-V	3	3	3	15	35	50	2HRS
	SL-V	3	3	3	15	35	50	2HRS
	OPTIONAL-I (A) or(B)	4	4	4	15	35	50	2HRS
	MATHS-V (MPC) BOTANY-V(BZC) BIOTECH-V(BMC) NUTRITION-V (NZC)							
	PRACTICAL	-	2	1	-	-	25	2HRS
	OPTIONAL-I (A) or (B)	4	4	4	15	35	50	2HRS
	PHYSICS-V (MPC) ZOOLOGY-V (BZC) (NZC) MICROBIOLOGY-V (BMC)							
	PRACTICAL	-	2	1	-	-	25	2HRS
	CHEMISTRY-V	4	4	4	15	35	50	2HRS
	PRACTICAL	-	2	1	-	-	25	2HRS
SECC-III	INDUSTRIAL CHEMISTRY	2	2	2	-	-	50	2HRS
GE-I	SOAPS AND DETERGENTS	2	2	2	-	-	50	2HRS

25CREDITS

425


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Osmania University
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ACADEMIC YEAR 2021-2022 (2021-2022 Batch)

B.Sc (M.P.C, B.Z.C, B.M.C & N.Z.C) VIth SEM.

SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTERNAL	TOTAL	DURATION
VI SEM	ENG-VI	3	3	3	15	35	50	2HRS
	SL-VI	3	3	3	15	35	50	2HRS
	OPTIONAL -I (A)or(B) MATHS-VI (MPC) BOTANY-VI (BZC) BIOTECH-VI (BMC) NUTRITION-VI (NZC)	4	4	4	15	35	50	2HRS
	PRACTICAL	-	4	2	-	-	50	2HRS
	OPTIONAL-I (A) or (B) PHYSICS-VI (MPC) ZOOLOGY-VI (BZC) (NZC) MICROBIOLOGY-VI (BMC)	4	4	4	15	35	50	2HRS
	PRACTICAL	-	4	2	-	-	50	2HRS
	CHEMISTRY-VI	4	4	4	15	35	50	2HRS
	PRACTICAL	-	2	1	-	-	25	2HRS
	ADVANCED CHEMISTRY(OR) PROJECT	4	4	4	-	-	100	4HRS
SECC-IV	WATER TECHNOLOGY	2	2	2	-	-	50	2 HRS
GE -II	FUEL CHEMISTRY	2	2	2	-	-	50	2HRS

28 CREDITS

475

Head
Department of Chemistry
Osmania University
HYDERABAD-500 007



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New Malloppally, Hyderabad
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Department of Chemistry

M. So. (Chemistry) First Year

Paper Titles & Marks Details

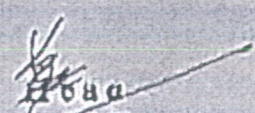
(2021 - 22)

(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. So. Ist Year, I – Semester (CBCS)										
1	I	511 T	Inorganic Chemistry Theory	4 Hrs	20	80	32	100	4	3 Hrs
		511 P	Inorganic Chemistry Practical	6 Hrs	—	50	25	75	3	3 Hrs
2	II	512 T	Organic Chemistry Theory	4 Hrs	20	80	32	100	4	3 Hrs
		512 P	Organic Chemistry Practical	6 Hrs	—	50	25	75	3	3 Hrs
3	III	513 T	Physical Chemistry Theory	4 Hrs	20	80	32	100	4	3 Hrs
		513 P	Physical Chemistry Practical	6 Hrs	—	50	25	75	3	3 Hrs
4	IV	514 T	Analytical Techniques & Spectroscopy – I Theory	4 Hrs	20	80	32	100	4	3 Hrs
5					—		—			
			Total	34 Hrs				625	25	
M. So. Ist Year, II – Semester (CBCS)										
1	I	521 T	Inorganic Chemistry Theory	4 Hrs	20	80	32	100	4	3 Hrs
		521 P	Inorganic Chemistry Practical	6 Hrs	—	50	25	75	3	3 Hrs
2	II	522 T	Organic Chemistry Theory	4 Hrs	20	80	32	100	4	3 Hrs
		522 P	Organic Chemistry Practical	6 Hrs	—	50	25	75	3	3 Hrs
3	III	523 T	Physical Chemistry Theory	4 Hrs	20	80	32	100	4	3 Hrs
		523 P	Physical Chemistry Practical	6 Hrs	—	50	25	75	3	3 Hrs
4	IV	524 T	Analytical Techniques & Spectroscopy – II Theory	4 Hrs	20	80	32	100	4	3 Hrs
5					—		—			
			Total	34 Hrs				625	25	

Head of the Department

- Note: 1) For each paper there will be Semester Examination for 80 Marks and 20 Marks for Internal Assessment
2) 15 Marks for Internal Assessment and 5 Marks for Assignment in the subject, average of two shall be considered for the award of the Marks.


Department of Chemistry
Osmania University
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Department of Chemistry

M. Sc. (Chemistry) Final Year

Paper Titles & Marks Details

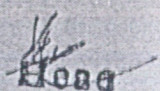
(2021 - 22)

(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. 2nd Year, III - Semester (CBCS)										
1	I	531 T	Synthetic Reagents, <i>Advanced</i> Conformational Analysis and O R D Theory	4 Hrs	20	80	32	100	4	3 Hrs
		531 P	Synthesis of Organic Molecules, Isolation of Natural Products and T L C Practical	6 Hrs	—	60	25	100	3	6 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	—	50	25	100	3	6 Hrs
3	III	533 T	Bio-Organic Chemistry Theory	4 Hrs	20	80	32	100	4	3 Hrs
4	IV	534 T	Green Chemistry and Organic Materials Theory	4 Hrs	20	80	32	100	4	3 Hrs
5		136	I D E: Biotechnology & Healthcare	2 Hrs	—	50	—	50	2	2 Hrs
			Seminar	2 Hrs	—	25	—	25	1	—
			Total	32 Hrs				575	25	
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 Thoery	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	4 Hrs	20	80	32	100	4	3 Hrs
			Seminar	2 Hrs	—	25	—	25	1	—
			Project Work					100	4	
5		146	I D E: Food Microbiology	2 Hrs	—	50	—	50	2	2 Hrs
			Total	24 Hrs				675	27	

Head of the Department

Total Credits: 100 & Total Marks: 2,600


Department of Chemistry
Osmania University
HYDERABAD-500 062



Anwarul Uloom College (Autonomous)

New Mallepally, Hyderabad
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Department of Comp. Sci. & Engineering Paper Titles & Marks Details (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.			
B. Sc. (CSE) 1st Year, I – Semester (CBCS)										
Theory										
1	I	0106	English	4 Hrs	20	80	32	100	4	3 Hrs
2	II	7141	Mathematics – I	4 Hrs	20	80	32	100	4	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	3Hrs
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				28 Hrs				700	25	
B. Sc. (CSE) 1st Year, II – Semester (CBCS)										
Theory										
1	I	0206	English	4 Hrs	20	80	32	100	4	3 Hrs
2	II	7246	Mathematics – II	4 Hrs	20	80	32	100	4	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	25	1	2 Hrs
8	VIII	7248P	E D C Lab	2 Hrs	–	50	20	25	1	2 Hrs
9	IX	7249P	Unix Prog. Lab	2 Hrs	–	50	20	25	1	2 Hrs
Total				28 Hrs				700	25	

AECC – Ability Enhancement Compulsory Course

Head of the Department



Anwarul Uloom College (Autonomous)

New Mallepally, Hyderabad
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Department of Comp. Sci. & Engineering Paper Titles & Marks Details (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.			
B. Sc. (CSE) 2nd Year, III – Semester (CBCS)										
Theory										
1	I	0306	English	4 Hrs	15	35	14	50	4	2 Hrs
2	II	7351	Mathematics – III	4 Hrs	15	35	14	50	4	2 Hrs
3	III	7352	Digital Logical Design	4 Hrs	15	35	14	50	4	2 Hrs
4	IV	7353	Operating Systems	4 Hrs	15	35	14	50	4	2 Hrs
5	V	7354	OOPS through C++	4 Hrs	15	35	14	50	4	2 Hrs
6	VI	S7355	SECC-I:M-Commerce	2 Hrs	—	50	20	50	2	2 Hrs
7	VII	S7456	SECC-II:Software Engineering	2 Hrs	—	50	20	50	2	2 Hrs
Practicals										
8	VIII	7352 P	D L D Lab	2 Hrs	—	25	13	25	1	2 Hrs
9	IX	7353 P	O S Lab.	2 Hrs	—	25	13	25	1	2 Hrs
10	X	7354 P	OOP through c++ Lab	2 Hrs	—	25	13	25	1	2 Hrs
Total				28 Hrs				375	25	
B. Sc. (CSE) 2nd Year, IV – Semester (CBCS)										
1	I	0406	English	4Hrs	15	35	14	50	4	2 Hrs
2	II	7456	Probability & Statistics	4 Hrs	15	35	14	50	4	2 Hrs
3	III	7457	Microprocessor 8086 & Interfacing	4 Hrs	15	35	14	50	4	2 Hrs
4	IV	7458	Data Structures	4 Hrs	15	35	14	50	4	2 Hrs
5	V	7459	Java Programming	4 Hrs	15	35	14	50	4	2 Hrs
6	VI	S7460	SECC-III : PHP AND MYSQL	2 Hrs	—	50	20	50	2	2 Hrs
7	VII	S7461	SECC-IV : SCI-LAB	2Hrs	—	50	20	50	2	2Hrs
Practicals										
7	VII	7457 P	M P 8086 & Interfacing Lab	2 Hrs	—	25	13	25	1	2 Hrs
8	VIII	7458 P	Data Structure Lab.	2 Hrs	—	25	13	25	1	2 Hrs
9	IX	7459 P	JavaProgramming Lab	2 Hrs	—	25	13	25	1	2 Hrs
Total				28 Hrs				375	25	

SECC – Skill Enhancement Compulsory Course

Head of the Department

Dept. of Comp. Sci. & Engg.
Anwarul Uloom College
New Mallepally, Hyderabad


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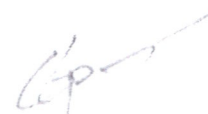
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Mallepally, Hyderabad-1

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- 2021-22)	I	Paper -I (Theory) Programming in C	6110	4		20	80	100	4
		Paper -I (C-LAB)	6110P		3				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 Computer Skills	A6210	2			50	50	2
B.Sc. Second Year (Batch-2020- 21)	III	Paper -III (Theory) Data Structures	6310	4		15	35	50	4
		Paper -III (DS-LAB)	6310P		2		25	25	1
		SECC-I - PYTHON-I	6310A1	2			50	50	2
		SECC-II Software Engineering	6310A2	2			50	50	2
	IV	Paper-IV (Theory) DBMS	6410	4		15	35	50	4
		Paper-IV (DBMS-LAB)	6410P		2		25	25	1
V	SECC-III-PYTHON-II	A6410	2			50	50	2	
	SECC-IV- Data Science	A6410	2			50	50	2	
B.Sc. Third Year (Batch-2019- 20)	V	Paper -V (Theory) OPTIONALS: 1) Programming in JAVA OR 2) Operating System	6510	4		15	35	50	4
		Paper -V (Practical)	6510P		2		25	25	1
		SECC-III- Soft. Engg.	S6510	2			50	50	2
	VI	GE-I- INFO. TECHY-I	G6510	2			50	50	2
		Paper-VI OPTIONALS: 1) Web Technology OR 2) Computer Networks	6610A	4		15	35	50	4
		Paper-VI (Practical)	6610AP	2	2		25		1
VII	SECC-IV -DATA SCI.	S6610	2			50		2	
	GE-II - INFO. TECH.-II	G6610	2			50		2	


**CHAIRMAN, BOS
COMPUTER SCIENCE
ANWAR ULULOOM COLLEGE**


Associate Professor
Dept. of Maths O.U.


DEAN

School of Computer Science & IT
Maulana Azad National Urdu University
Gachibowli, Hyderabad - 500 031

B.A. (ECONOMICS) IST YEAR

SEMESTER – I & II

(2021-2022)

COURSE STRUCTURE

CHOICE BASED CREDIT SYSTEM PATTERN

Code	Name Of the Paper	Hpw	Credit	Scheme Of Examination		
				IA Marks	External Marks	Total marks
SEMESTER - I						
BA103	Micro-Economics	5Hours	5	20	80	100
AECC-I						
AECC-1	Environmental studies	2hours	2	--	50	50
SEMESTER - II						
BA203	Macro Economics	5hours	5	20	80	100
AECC-II						
IAECC-II	Basic computer skills	2hrs	2	--	50	50


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B.A. (ECONOMICS) II year

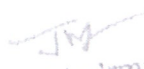
SEMESTER – III & IV

(2021-2022)


COURSE STRUCTURE

CHOICE BASED CREDIT SYSTEM PATTERN

Code	Name Of The Paper	HPW	Credit	Scheme Of Examination		
				IA Marks	External Marks	Total marks
SEMESTER -III						
BA303	Statistics for Economics	5hrs	5	15	35	50
SECC-I						
SECC-I UG 301	Money and Banking	2hrs	2	--	50	50
SECC-II						
SECC-II UG401	Environmental Economics	2hrs	2	--	50	50


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Code	Name Of The Paper	HPW	Credit	Scheme Of Examination		
				IA Marks	External Marks	Total marks
SEMESTER -IV						
BA403	Indian Economy	5hrs	5	15	35	50
SECC-III						
SECC-III UG 401	Industrial Economics	2hrs	2	--	50	50
SECC-IV						
SECC-IV UG402	Entrepreneurship and Development	2hrs	2	--	50	50


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B.A. (ECONOMICS) III year

SEMESTER – V & VI

(2021-2022)

COURSE STRUCTURE

CHOICE BASED CREDIT SYSTEM PATTERN

Code	Name Of The Paper	PPW	Credit	Scheme Of Examination		
				IA Marks	External Marks	Total marks
SEMESTER –V						
BA503	Development Economics	5hrs	5	15	35	50
SECC-III	Industrial Economics	2hrs	2		50	50
GENERAL ELECTIVE -I						
GE-502	Rural Development	2hrs	2		50	50
SEMESTER – VI						
BA603	International economics	5hrs	5	15	35	50
SECC-IV	Entrepreneurship And Development	2hrs	2		50	50
GENERAL ELECTIVE -II						
GE-602	Financial Economics	2hrs	2		50	50

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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	

DEPARTMENT OF ELECTRONICS, ANWARUL ULOOM COLLEGE.

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Hyderabad

ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

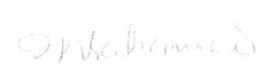
SEMESTER - III (2020-21)

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 <i>avb</i>	2	2	2	---	50	50	2hrs
SECC -II <i>avb</i>	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 <i>avb</i>	2	2	2	---	50	50	2hrs
SECC -IV <i>avb</i>	2	2	2	---	50	50	2hrs
Total	---	---	25	75	325	400	


DEPARTMENT OF ELECTRONICS, ANWARUL ULOOM COLLEGE
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Head of Department
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 Hyderabad

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	2/1/1	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	

DEPARTMENT OF ELECTRONICS, ANWARUL ULOOM COLLEGE

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Mallepally, Hyderabad - 500 001.



DEPARTMENT OF ELECTRONICS

COURSE DETAIL


Class	Semester	Course/Paper	Code No.	Teaching Hours Per week	No of Credits
1st Year	I	Paper - I (Theory)	6112	4hrs	4
		Circuit Analysis Paper - I (CA-LAB)	6112P	3hrs	1
		AECC-I Environmental Studies	A6112	2hrs	2
	II	Paper - II (Theory)	6212	4hrs	4
		Electronic Devices Paper -II (ED-LAB)	6212P	3hrs	1
		AECC-II Basic Computer Skills	A6212	2hrs	2
2nd Year	III	Paper -III (Theory)			
		Power Supplies & Analog Circuits Paper -III(PS & AC-LAB)	6312	4hrs	4
		(SECC-I) Digital Signal Processing	6312P	2hrs	1
		(SECC_II) Modern communication System	A6312	2hrs	2
			16412	2hrs	2

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Hyderabad

2023-2024

 ANWARUL ULOOM COLLEGE DEPARTMENT OF ELECTRONICS COURSE DETAIL Course/Paper		Code No.	Teaching Hours Per week	No of Credits	
Semester	IV	Paper -IV (Theory) Applications of Operational Amplifier and Communication Paper-IV(AOP&C-LAB) SECC-III PIC & ATME1 Microcontroller SECC-IV Microprocessor & Microcontroller	6412 6412P A6512 I6612	4hrs 2hrs 2hrs 2hrs	4 1 2 2
	V	Paper V(Elective) Digital Electronics(Theory)**Elective -I Digital Electronics (Lab) Microprocessor8085(Theory)**Elective-II Microprocessor8085 (Lab) SECC-III Data Communications and Computer Network GE-I Information technology-I	6512 6512P 6513 6513P A6512 G6513	4hrs 2hrs 4hrs 2hrs 2hrs 2hrs	4 1 4 1 2 2
3rd Year	VI	Paper -VI(Elective) Fundamental of Embedded Systems (Theory)**Elective-I (ES-LAB) Microcontroller8051(Theory)**Elective-II (MP 8051-LAB) SECC-IV Mobile Celluler communication GE -II Information technology -II	6612 6612P 6613 6613P I6612 G6613	4hrs 2hrs 4hrs 2hrs 2hrs 2hrs	4 1 4 1 2 2

ANWARUL ULOOM COLLEGE. DEPARTMENT OF ELECTRONICS

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M. S. Chandra
Head of the Dept of Electronics,
Anwar-ul-uloom College, Mallepally
Hyderabad.

ANWARUL ULOOM COLLEGE (Autonomous)

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Syllabus (CBCS), Department of Electronics

B.Sc. 1st Year(2021-2022)

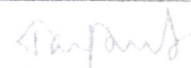


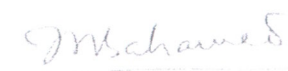
Semester - I | Total Credit = 7

Paper	Title	Units	HP W	Credits	Int Marks	Ext Marks	Total Marks	Exam Duration (hrs.)
Paper - I (Theory)	Circuit Analysis	4	4	4	20	80	100	3 hrs.
Paper - I (Lab)	Circuit Analysis	---	2	1	---	50	50	3 hrs.
AECC - I	Environmental Science	2	2	2	---	50	50	2 hrs.

Semester - II | Total Credit = 7

Paper	Title	Units	HP W	Credits	Int Marks	Ext Marks	Total Marks	Exam Duration (hrs.)
Paper - II (Theory)	Electronics Devices	4	4	4	20	80	100	3 hrs.
Paper - II (Lab)	Electronics Devices	---	2	1	---	50	50	3 hrs.
AECC - II	Basics Computer Skills	2	2	2	---	50	50	2 hrs.


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DEPARTMENT OF ELECTRONICS, ANWARUL ULOOM COLLEGE

ANWARUL ULOOM COLLEGE (Autonomous)

(Affiliated to Osmania University)

Syllabus (CBCS), Department of Electronics

B.Sc. 2nd Year (2021-2022) / 2020 - 2021 Batch Year



		Semester - III		Total Credit = 9				
Paper	Title	Units	HPW	Credits	Int Marks	Ext Marks	Total Marks	FINAL EXAM TIME
Paper - III (Theory)	Power Supplies and Analog Circuits	4	4	4	15	35	50	2 hrs.
Paper - III (Lab)	Power Supplies and Analog Circuits	---	2	1	---	25	25	2 hrs.
SECC - I	Digital Signal Processing	2	2	2	---	50	50	2 hrs.
SECC-II	Modern Communication System	2	2	2	---	50	50	2 hrs.
		Semester - IV		Total Credit = 9				
Paper	Title	Units	HPW	Credits	Int Marks	Ext Marks	Total Marks	FINAL EXAM TIME
Paper - IV (Theory)	Applications of Operational Amplifier and Communication	4	4	4	15	35	50	2 hrs.
Paper - IV (Lab)	Applications of Operational Amplifier and Communication	---	2	1	---	25	25	2 hrs.
SECC - III	PIC and ATMELE Microcontroller	2	2	2	---	50	50	2 hrs.
SECC-IV	Microprocessor and Microcontroller	2	2	2	---	50	50	2 hrs.

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M. Bahamud
Head of the Dept. of Electronics,
Anwar-ul-uloom College, Mallepalli
Hyderabad.

ANWARUL ULOOM COLLEGE (Autonomous)

(Affiliated to Osmania University)

Syllabus (CBCS), Department of Electronics

B.Sc. 3rd Year (2021-2022) / 2019 - 2020 Batch Year



Paper	Title	Semester - V		Total Credit = 9		Ext Marks	Total Marks	FINAL EXAM TIME
		Units	H P W	Credits	Int Marks			
Paper - V (Theory)	Digital Electronics - I	4	4	4	15	35	50	2 hrs.
Paper - V (Lab)	Digital Electronics - I	---	2	1	---	25	25	2 hrs.
SECC - III	Data Communications and Computer Network	2	2	2	---	50	50	2 hrs.
GE-I	Information Technology - I	2	2	2	---	50	50	2 hrs.

Paper	Title	Semester - VI		Total Credit = 9		Ext Marks	Total Marks	FINAL EXAM TIME
		Units	H P W	Credits	Int Marks			
Paper - VI (Theory)	Microcontroller 8051 - 2	4	4	4	15	35	50	2 hrs.
Paper - VI (Lab)	Microcontroller 8051 - 2	---	2	1	---	25	25	2 hrs.
SECC - IV	Mobile cellular Communication	2	2	2	---	50	50	2 hrs.
GE-II	Information Technology - 2	2	2	2	---	50	50	2 hrs.

[Signature]
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[Signature]
 Head of the Dept. of Electronics,
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DEPARTMENT OF ELECTRONICS, ANWARUL ULOOM COLLEGE

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B.A/B.Com (All Streams) B.Sc (All Streams) & BBA (CBCS)
(W.E.F. 2021-22)

Department of English


Course Structure

Semester	Subject	Units	HPW	Credits	Internal	External	Total	Duration
1 Sem.	English-I	4	4	4	20	80	100	3 Hrs.
AECC-I	Environmental Studies	2	2	2		50	50	2 Hrs.
II 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	3	15	35	50	2 Hrs.
SECC-I	Soft 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	3	15	35	50	2 Hrs.
SECC-III	Communication Skills	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	15	35	50	2 Hrs.
GE-I	LS.R.W. Skills	2	2	2		50	50	2 Hrs.
VI Sem.	English -VI	3	3	3	15	35	50	2 Hrs.
GE-II	Grammar	2	2	2		50	50	2 Hrs.

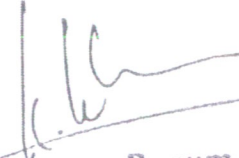
2021-22

20-21

19-20


21/03/2022

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Board of Studies
Department of English


Capt. Dr. Kausar Begum Khan
Head Department of English
Anwar Uloom Degree College For Women
Mallepally, Hyderabad-T.S.

ANWARUL ULOOM COLLEGE (AUTONOMOUS)

2021-22

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M.A. Previous (CBCS) Semester I & II (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. A. English 1st Year, 1 - Semester (CBCS)										
1	I	101	The English Language: History, Description and Practice	5Hrs	20	80	32	100	5	3 Hrs
2	II	102	English Poetry	5 Hrs	20	80	32	100	5	3 [lib
3	III	103	English Drama	5 Mrs	20	80	32	100	5	3 Hrs
4	IV	104	The English Language and Phonetics	5 Hrs	20	80	32	100	5	3 Hrs
5	V	105	Modern Indian Literatures in Translation	5 Hrs	20	80	32	100	5	3 Hrs
6	VI	116	Seminar I	1 Hrs	---	25	---	25	1	2 Hrs
Total				25Hrs				550	26	
M. A. English 1st Year, II - Semester (CBCS)										
1	I	201	English Language Teaching: History, Approaches and Methods	5 Hrs	20	80	32	100	5	3 Hrs
2	II	202	English Prose	5 Hrs	20	80	32	100	5	3 Hrs
3	III	203	English Fiction	5 Hrs	20	80	32	100	5	3 Hrs
4	IV	204	Women's writing	4 Hrs	20	80	32	100	5	3 Hrs
5	V	205	Twentieth Century Literary Criticism and Theory	4 Hrs	20	80	32	100	5	3 Hrs
6	VI	216	Seminar II	1 Hrs	---	25	--	25	1	2 Hrs
Total				25Hrs				550	26	

Tutorials: 2hours per week- No Credits

Notes:

For each paper there will be semester examination for 80 marks and 20 marks for internal assessment {15marks for tests.(average of the two tests) and 5 marks for assignment in the subject}.

Capt. Dr. Kausar Begum Khan
Head Department of English
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M.A. Final (CBCS) Semester III & IV (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. A. English 2nd Year, III-Semester (CBCS)										
1	I	301	English Language Teaching: Classroom Techniques and Practical English	5Hrs	20	80	32	100	5	3 Hrs
2	II	302	American Literature — 1	5 Hrs	20	80	32	100	5	3 [lib
3	III	303	Indian Writing in English — 1	5 Hrs	20	80	32	100	5	3 Hrs
4	IV	304	Postcolonial Literatures	4 Hrs	20	80	32	100	5	3 Hrs
5	V	305	Literature and Film	5 Hrs	20	80	32	100	4	3 Hrs
6	VI	136	IDE : Employability Skills	2 Hrs	---	50	---	20	2	2 Hrs
Total				25 Hrs				550	26	
M. A. English 2nd Year, IV-Semester (CBCS)										
1	I	401	English Language Teaching: Major Developments in L1 & L2 (5 credits)	5 Hrs	20	80	32	100	5	3 Hrs
2	II	402	American Literature - 11 (5 Credits)	5 Hrs	20	80	32	100	5	3 Hrs
3	III	403	English Writing in English - II (5 Credits)	5 Hrs	20	80	32	100	5	3 Hrs
4	IV	404	*(a) Academic Writing & Research Methodology (4 credits) (b)Fourth World Literatures	4 Hrs	20	80	32	100	5	3 Hrs
5	V	405	*(a) Project Work (4 credits)	5 Hrs	20	80	32	100	4	3 Hrs
6	VI	146	IDE: Report Writing Reporting Events	2 Hrs	---	50	--	20	2	2 Hrs
Total				25Hrs				550	26	

Tutorials: 2 hours per week- No Credits

Notes:

For each paper there will be semester examination for 80 marks and 20 marks for internal assessment [15marks for tests (average of the two tests) and 5 marks for assignment in the subject].

Capt. Dr. Kausar Begum Khan
 Head Department of English
 Anwar Uloom Degree College For Women
 Mallepally, Hyderabad-T S.

ANWARUL ULOOM COLLEGE (Autonomous)

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



Faculty of Social Sciences

Department of History

B. A. (History, Political Science & Modern Language – Urdu)

B. A. 1st Year

(2021 – 22)

Choice Based Credit System Pattern (w.e.f. 2015 – 16)

(Approved Syllabus for the Academic Year 2021 – 22)

S. No.	Year	Sem.	Paper	Title	Code No.	Inter. Marks	Sem. Marks	Teaching hours	Credits
1	1 st Year	I	I	History of India (from earliest times to 700 CE)	1113	20	80	5 Hrs	5
2			AECC – I	Environmental Studies	–	–	50	2 Hrs	2
3	1 st Year	II	II	History of India (from 700 – 1526 CE)	1213	20	80	5 Hrs	5
4			AECC – II	Basic Computer Skills	–	–	50	2 Hrs	2

Head

Dept. of History

ANWARUL ULOOM COLLEGE

NEW MALLE PALLY,

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Faculty of Social Sciences

Department of History

B. A. (History, Political Science & Modern Language – Urdu)

B. A. 2nd Year

(2021 – 22)

Choice Based Credit System Pattern (w.e.f. 2015 – 16)

(Approved Syllabus for the Academic Year 2021 – 22)

S. No.	Year	Sem.	Paper	Title	Code No.	Inter. Marks	Sem. Marks	Teaching hours	Credits
1	2 nd Year	III	III	History of India (from 1526 – 1857 CE)	1313	15	35	5 Hrs	5
2			SECC – I	History and Culture of Telangana – I (Up to 1724 CE)	–	–	50	2 Hrs	2
3			SECC – II	History and Culture of Telangana – I (from 1724 to 2014 CE)	–	–	50	2 Hrs	2
4	2 nd Year	IV	IV	History of India (from 1858 – 1964 CE)	1413	15	35	5 Hrs	5
5			SECC – III	Ancient Civilizations	–	–	50	2 Hrs	2
6			SECC – IV	Archives & Museums	–	–	50	2 Hrs	2

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Faculty of Social Sciences

Department of History

B. A. (History, Political Science & Modern Language – Urdu)

B. A. 3rd Year

(2021 – 22)

Choice Based Credit System Pattern (w.e.f. 2015 – 16)

(Approved Syllabus for the Academic Year 2021 – 22)

1	3 rd Year	V (2019 – 20)	V	History of Modern World (1453 - 1950 CE)	1513	15	35	5 Hrs	5
2			SECC – III	Ancient Civilizations					
3			GE – I	History of World Tourism	–	–	50	2 Hrs	2
4	3 rd Year	VI (2019 – 20)	VI	Islamic History & Culture (From earliest times to Crusades)	1513 A	15	35	5 Hrs	5
5			SECC – IV	Achieves & Museums					
6			GE – II	Indian National Movement (1857 – 1947 CE)	–	–	50	2 Hrs	24

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ANWARUL ULOOM COLLEGE
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HYDERABAD-500001, T.S.

ANWARUL ULOOM COLLEGE (AUTONOMOUS)
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New Mallepally, Hyderabad-500001 T.S, India
(Affiliated to Osmania University)
(Re-Accredited With NAAC with A Grade)

FACULTY OF SCIENCE
DEPARTMENT OF MATHEMATICS
B.Sc (MPCs, MECs, MPE, MPC)
COURSE STRUCTURE

Approved syllabus for the academic year: **2021-22**

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
	2 nd YEAR	III	6314 T Real Analysis	5	5	5	15	35	50
			(SECC-I) Introduction To Laplace Transformy	2	2	2	-	50	50

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	2nd Year	III	SECC-II Commercial Mathematics	2	2	2	-	50	50	
	2nd YEAR	IV	6414T Algebra	5	5	5	15	35	50	
			SECC-III Probability And Statistics	2	2	2	-	50	50	
			SECC-IV Basic Mathematics	2	2	2	-	50	50	
	3 rd YEAR	V	503T Linear Algebra Paper V(a)	5	5	5	15	35	50	
			OR	-	-	-	-	-	-	
			503T Solid Geometry Paper V(b)	5	5	5	15	35	50	
				SECC-III Probability And Statistics	2	2	2	-	50	50
				GE-I Basic Statistics	2	2	2	-	50	50
			VI	603T Numerical Analysis paper VI(a)	5	5	5	15	35	50
		OR		-	-	-	-	-	-	
		603T Vector Calculus Paper VI(b)								
		SECC-IV		2	2	2	-	50	50	

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			• Basic Mathematics						
			GE-II Number System	2	2	2	-	50	50



Head
Department of Mathematics
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ANWARUL- ULOOM COLLEGE (AUTONOMOUS)

New Mallepally, Hyderabad

DEPARTMENT OF MATHEMATICS

(Choice Based Credit System)

M.Sc APPLIED MATHEMATICS

Semester III

2021-2022

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

Continuum
Mathematics
Mechanics

Semester IV

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

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Anwarul Uloom College (Autonomous)
 New Malleshpally, Hyderabad
 Affiliated to Osmania University
 (Re-Accredited with NACC with A- Grade)
 Faculty of Science
 Department of Microbiology
 B. Sc (B. M. C)
 Subject: MICROBIOLOGY (2021 - 2023)

I-SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTERNAL	TOTAL	DURATION
DSC	GENERAL MICROBIOLOGY - I	4	4	4	20	80	100	3 HRS
DSC	PRACTICAL	-	3	1	-	-	50	-
AECC - I	EVS	2	2	2	-	-	50	2 HRS

II-SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTERNAL	TOTAL	DURATION
DSC	MICROBIAL DIVERSITY - II	4	4	4	20	80	100	3 HRS
DSC	PRACTICAL	-	3	1	-	-	50	-
AECC - II	HCS	2	2	2	-	-	50	2 HRS

III-SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTERNAL	TOTAL	DURATION
DSC	FOOD AND ENVIRONMENTAL MICROBIOLOGY - III	4	4	4	15	35	50	2 HRS
DSC	PRACTICAL	-	2	1	-	-	25	-
SECC - I	PHARMACEUTICAL	2	2	2	-	-	50	2 HRS
SECC - II	FOOD ADULTERATION	2	2	2	-	-	50	2 HRS

IV-SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTERNAL	TOTAL	DURATION
DSC	MEDICAL MICROBIOLOGY AND IMMUNOLOGY - IV	4	4	4	15	35	50	2 HRS
DSC	PRACTICAL	-	2	1	-	-	25	-
SECC - III	MUSHROOM CULTIVATION	2	2	2	-	-	50	2 HRS
SECC - IV	HOSPITAL MANAGEMENT	2	2	2	-	-	50	2 HRS

Shan

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 Bhavan's New Science College
 NarayanaBuda, Hyderabad, II

K. C. J.
Head
 Department of Microbiology
 Osmania University
 Hyderabad, 500007

Shan

V-SEM	COURSE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTERNAL	TOTAL	DURATION
DSE	1 A) MOLECULAR BIOLOGY AND MICROBIAL GENETICS - V OR 1 B) MICROBIAL OMICS - V	4	4	4	15	35	50	2 HRS
DSEP	PRACTICAL	-	2	1	-	-	25	-
SECC-III	MUSHROOM CULTIVATION	2	2	2	-	-	50	2 HRS
GE-1	HEMATOLOGY	2	2	2	-	-	50	2 HRS

V-SEM	COURSE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTERNAL	TOTAL	DURATION
DSE	2 A) INDUSTRIAL MICROBIOLOGY - VI OR 2 B) PHARMACEUTICAL MICROBIOLOGY - VI	4	4	4	13	35	50	2 HRS
DSEP	PRACTICAL	-	2	1	-	-	25	-
SECC-IV	HOSPITAL MANAGEMENT	2	2	2	-	-	50	2 HRS
PROJ-CT/	APPLIED METHODOLOGY	3	3	3	15	35	50	2 HRS
	PRACTICAL	-	2	1	-	-	25	-
GE-2	SOIL MICROBIOLOGY	2	2	2	-	-	50	2 HRS

CC- CORE COURSE
 AECO- ABILITY ENHANCEMENT COURSE
 DSC- DISCIPLINE SPECIFIC COURSE
 SEC- SKILL ENHANCEMENT COURSE
 DSE- DISCIPLINE SPECIFIC ELECTIVE
 GE- GENERAL ELECTIVE
 HPW- HOURS PER WEEK
 P- PRACTICAL
 T- THEORY

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 Dept. of Microbiology
 Narayana's New Science College
 Narayanaguda, Hyderabad-29

HEAD
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Department of Microbiology
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 affiliated to Osmania University
 Malleshpally, Hyderabad-01.T.S.

Anwarul Uloom College (Autonomous)

New Malleshpally, Hyderabad
 Affiliated to Osmania University
 (Re-Accredited with NACC with A-Grade)
 Faculty of Science

Department of Microbiology
MSc MICROBIOLOGY (2021 - 2022)

SEMESTER - I						
Syllabus Ref No	Subject	Credits	Teaching Hours	Marks		
				Internal Assessment	Semester Exam	Total
THEORY						
MB 101	General Microbiology & Microbial Physiology (Core)	4	4	20	80	100
MB 102	Virology (Core)	4	4	20	80	100
MB 103	Research Methodology & Techniques (Core)	4	4	20	80	100
MB 104	Microbial Biochemistry (Core)	4	4	20	80	100
PRACTICALS						
MB 151	General Microbiology & Microbial Physiology	2	4	--	50	50
MB 152	Virology	2	4	--	50	50
MB 153	Research Methodology & Techniques	2	4	--	50	50
MB 154	Microbial Biochemistry	2	4	--	50	50
	Total	24	32	80	520	600

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Head of Department
 Department of Microbiology
 Anwarul Uloom College for Women
 Begumpet, Hyderabad - 500018

Department of Microbiology
 Anwarul Uloom College for Women
 Begumpet, Hyderabad - 500018

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 12/11/21

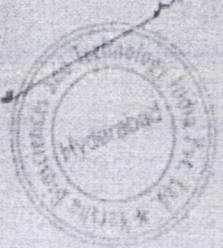
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 10/11/21



P.G. Dept. of Microbiology
MUMTAZ COLLEGE
 Hyderabad - 500018

SEMESTER - II						
Syllabus Ref No	Subject	Credits	Teaching Hours	Marks		
				Internal Assessment	Semester Exam	Total
THEORY						
MB 201	Molecular Biology and Microbial Genetics (Core)	4	4	20	80	100
MB 202	Environmental & Agriculture Microbiology (Core)	4	4	20	80	100
MB 203	Immunology (Core)	4	4	20	80	100
MB 204	Pharmaceutical Microbiology (Core)	4	4	20	80	100
PRACTICALS						
MB 251	Molecular Biology and Microbial Genetics	2	4	--	50	50
MB 252	Environmental & Agriculture Microbiology	2	4	--	50	50
MB 253	Immunology	2	4	--	50	50
MB 254	Pharmaceutical Microbiology	2	4	--	50	50
	Total	24	32	80	520	600

Head
Department of Microbiology
M.M.T.A.Z. COLLEGE
WAZIRPETA, HYDRABAD



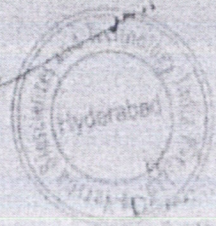
Head of Department
Microbiology
St. Francis College For Women
Wazirpeta, Hyderabad, Hy-7B

6
HEAD
P.G. Dept. of Microbiology
M.M.T.A.Z. COLLEGE
Wazirpeta, Hyderabad, 500016

Head
Department of Microbiology
OSMANIA UNIVERSITY
HYDRABAD

10/4/21
Rajathi
Department of Microbiology
St. Francis College for Women
Wazirpeta, Hyderabad-16

SEMESTER - III						
Syllabus Ref.No	Subject	Credits	Teaching Hours	Marks		
				Internal Assessment	Semester Exam	Total
THEORY						
MB 301	Food Microbial Technology (Core)	4	4	20	80	100
MB 302	Medical Bacteriology (Core)	4	4	20	80	100
MB 303	DSE A. Industrial Microbiology (or) B. Microbial Proteomics	4	4	20	80	100
MB 304	DSE A. Microbial Ecology & Plant Microbe Interactions (or) B. Advances in Biotechnology	4	4	20	80	100
PRACTICALS						
MB 351	Food Microbial Technology	2	4	--	50	50
MB 352	Medical Bacteriology	2	4	--	50	50
MB 353	C. Industrial Microbiology (or) Microbial Proteomics	2	4	--	50	50
MB 354	Microbial Ecology & Plant Microbe Interactions (or) Advances in Biotechnology	2	4	--	50	50
	Total	24	32	80	520	600



Dr. [Signature]
 Dept. of Microbiology
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 Hyderabad, Hyd-78

[Signature]
 HEAD
 Dept. of Microbiology
 MUMTAZ COLLEGE
 Hyderabad, Hyd-78

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 10/4/21

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 St. Francis College for Women
 Hyderabad, Hyd-78

SEMESTER - IV						
Syllabus Ref No	Subject	Credits	Teaching Hours	Marks		
				Internal Assessment	Semester Exam	Total
THEORY						
MB 401	Cell & Molecular Biotechnology (Core)	4	4	20	80	100
MB 402	Medical Virology & Parasitology (Core)	4	4	20	80	100
MB 403	GE (IDSE) A. Microbial Biotechnology (or) Bioinformatics and Nanotechnology	4	4	20	80	100
MB 404	DSE A. Applied Microbiology (or) B. Project work	4	4	20	80	100
PRACTICALS						
MB 451	Cell & Molecular Biotechnology	2	4	--	50	50
MB 452	Medical Virology & Parasitology	2	4	--	50	50
MB 453	Microbial Biotechnology (or) Bioinformatics and Nanotechnology	2	4	--	50	50
MB 405	Applied Microbiology (or) Project	2	4	--	50	50
	Total	24	32	80	520	600
	GRAND TOTAL	96	128	320	2080	2400

Head
Department of Microbiology
Alimuddin Khan College
University of Hyderabad
Hyderabad



Department of Microbiology
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HEAD
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Hyderabad

10/11/21

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Department of Microbiology
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Begumpet, Hyderabad-19

Anwarul Uloom College (Autonomous)
 New Malhampally, 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 (2021-2022)

S.NO	SUBJECT	UNITS	HPW	CREDITS	INTERNAL	EXTERNAL	TOTAL	DE
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	-
5.	ZOOLOGY (THEORY)	4	4	4	20	80	100	3
6.	ZOOLOGY (PRACTICALS)	-	2	1	-	25	25	-
7.	CHEMISTRY (THEORY)	4	4	4	20	80	100	3
8.	CHEMISTRY (PRACTICAL)	-	2	1	20	25	25	-
9.	AECCL (EVNS)	2	2	2	-	-	-	-
	TOTAL	22	22	25	100	50	150	12
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	-
5.	ZOOLOGY (THEORY)	4	4	4	20	80	100	3
6.	ZOOLOGY (PRACTICALS)	-	2	1	-	25	25	-
7.	CHEMISTRY (THEORY)	4	4	4	20	80	100	3
8.	CHEMISTRY (PRACTICAL)	-	2	1	-	25	25	-
	TOTAL	22	22	25	100	50	150	12

Anwarul Uloom College
 DEPT. OF FOOD & NUTRI.
 New Malhampally, Hyderabad

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Mehna K

SUJATHA STEPHEN R.D.
 HOD NUTRITION DEPT.
 YASMOBAHCHITALS
 Hyderabad

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Anwarul Uloom College (Autonomous)
 New Malleshpally, Hyderabad
 Affiliated to Osmania University
 (Re-Accredited with NAAC with A-Grade)
 Faculty of Science
Department of Nutrition & Dietetics
 B.Sc. (N.Z.C)

Course Structure (2021-2022)

S.N Sl.	YEA R	SE M	PAPER/TITLE	Teaching hours/ week	Units	Credits	Marks		
							Internal Assessment 20	End Semester 80	Total 100
1	1 st Year 21-22	I	Introduction to Foods & Nutrition	4	4	4			100
2			Introduction to Foods & Nutrition (Practical)	2		1		25	25
3			Environmental Science (S.E.C. I)	2		2			50
4	1 st Year 21-22	II	Nutritional Biochemistry and Human Physiology I	4	4	4	20	80	100
5			Nutritional Biochemistry and Human Physiology (Practical)	2		1		50	50
6			Data Computer Skills (S.P.C. II)	2		2			50
7	2 nd Year 20-21	III	Normal Therapeutic Nutrition Theory	4	4	4	20	80	100
8			Normal And Therapeutic Nutrition Practical	2		1		50	50
9			Food Service Management (S.F.C. I)	2	2	2			50
10	2 nd Year 20-21	IV	Bakery Science (S.F.C. II)	2	2	2		50	50
11			Diet In Disease Theory	4	4	4	20	80	100
12			Diet In Disease Practical	2		1		50	50
			Diet Counseling Skills (S.E.C. III)	2		2		50	50
			Strategies For Weight Management (S.E.C. IV)	2		2		50	50
13	3 rd Year	V	Diet Therapy V A Theory	4	4	4	15	85	100

Chandana P
 DEPT. OF FOOD & NUTRITION
 UCM, KOU, Hyderabad

Muna K

Head of the Dept
 SUJATHA S. R. D
 HOD NUTRITION DEPT
 YASHODAHOSPITALS
 Malleshpally Hyderabad-500038

HOD
 Department of Nutrition & Dietetics
 Anwarul Uloom College (Autonomous)
 New Malleshpally, Hyderabad

SAH *MH* *Rehem*

2021-22

M.Sc. (Nutrition and Dietetics)
Choice Based Credit System (CBCS)
Syllabus
COURSE OUTLINE AND SCHEDULE OF EXAMINATION

FIRST SEMESTER

Paper No.	Title	Instructions Hrs/ Week	Duration of Examination	Credits	Maximum Marks
Theory					
ND 101 (CORE)	Human Nutrition	4	3	4	100 (80+20)
ND 102 (CORE)	Nutritional Biochemistry-I	4	3	4	100 (80+20)
ND 103 (CORE)	Human Physiology	4	3	4	100 (80+20)
ND 104 (CORE)	Principles of Dietetics	4	3	4	100 (80+20)
	seminar	1	-	1	25
Practical					
ND 105 P	Human Nutrition	4	2	2	50
ND 106 P	Nutritional Biochemistry-I	4	2	2	50
ND 107 P	Human Physiology	4	2	2	50
ND 108 P	Principles of Dietetics	4	2	2	50
	Total	16 T + 16P		25	625 (T+P)

SECOND SEMESTER

Paper No.	Title	Instructions Hrs/ Week	Duration of Examination	Credits	Maximum Marks
Theory					
ND 201 (CORE)	Principles of Foods	4	3	4	100 (80+20)
ND 202 (CORE)	Nutritional Biochemistry II	4	3	4	100 (80+20)
ND 203 (CORE)	Research Methodology	4	3	4	100 (80+20)
ND 204 (CORE)	Diet in Disease	4	3	4	100 (80+20)
	seminar	1	-	1	25
Practical					
ND 205 P	Principles of Foods	4	2	2	50
ND 206 P	Nutritional Biochemistry II	4	2	2	50
ND 207 P	Research Methodology	4	2	2	50
ND 208 P	Diet in Disease	4	2	2	50
	Total	16 T + 16P		25	625 (T+P)

Head of the Dept.
 Department of Nutrition
 St. Ann's College for Women
 Medchal, Hyderabad, India

SUJATHA STEPHEN
 HOD NUTRITION DEPT
 YASHODA HOSPITALS

THIRD SEMESTER

Paper No.	Title	Instructi ons Hrs/ Week	Duration of Examination	Credits	Maximum Marks
Theory					
ND 301 T (CORE)	Community Nutrition	4	3	4	100 (80+20)
ND 302 T (CORE)	Food Microbiology	4	3	4	100 (80+20)
ND 303 T (ELECTIVE POOL)	I) Food Service Management	4	3	4	100 (80+20)
	II) Institutional Food Management				
ND 304 T (Inter- disciplinary ELECTIVE)	Food Hygiene and sanitation	4	3	4	100 (80+20)
Practical					
ND 305 P	Community Nutrition	4	2	2	50
ND 306 P	Food Microbiology	4	2	2	50
ND 307 P	I) Food Service Management	4	2	2	50
	II) Institutional Food Management				
ND 308 P	Food Hygiene and sanitation	4	2	2	50
IDE	Food Preservation	2	2	2	50
	Total	32		26	650 (T-P)

FOURTH SEMESTER

Paper No.	Title	Instructi ons Hrs/ Week	Duration of Examination	Credits	Maximum Marks
Theory					
ND 401 T (CORE)	Advanced Nutrition	4	3	4	100 (80+20)
ND 402 T (CORE)	Pediatric Nutrition	4	3	4	100 (80+20)
ND 403 T (ELECTIVE)	D Nutraceuticals and Functional Foods	4	3	4	100 (80+20)

Muna K
 Head of the Dept.
 Department of Nutrition
 Al-Ahliyya College for Women
 Al-Madina, Baghdad

Kabeem
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DEPT. OF FOOD & NUTRITION
 UCM, SANA, Hyderabad
SUJATA
 JENRD

POOL)	II) Geriatric Nutrition				
	III) Clinical Nutrition and Immunology				
ND 404 T (ELECTIVE POOL)	I) Diet and Psychology Counselling Skills	4	3	4	100 (80+20)
	II) Nutrition for Fitness and Sports				
	III) Maternal and Child Nutrition				
Practical					
ND 405 P	Hospital Internship in Nutrition and Dietetics	4	2	2	80
ND 406 P	Internship-case studies presentation	4	2	2	80
ND 407 P	Project Work - Collection of Data	4	2	2	80
ND 408 P	Project Work- Report Writing and Presentation of Project Seminar	4	2	2	80
IDE	Food Science	3	2	2	80
	Total Marks	33	24	26	650
Grand Total Marks of all the Four Semesters = 625+625+650+650=2550					Theory Practical

Amal

[Signature]
W.P.O.
Department of Microbiology
Osmania University
Hyderabad-500 082

Munika
Head of the Dept.
Department of Nutrition
St. Ann's College for Women
Mehdipatnam, Hyd-28.

[Signature]
SUDHAKAR R.D.
HEAD NUTRITION DEPT.
MAHODHAN SPITALS
Mahabubnagar, Telangana-508002

[Signature]

[Signature] SSA
[Signature] MSH

COURSE DETAILS: B.Sc., SUBJECT: PHYSICS

For M.P.C ** M.P.E ** and M.P.Cs. ** Students



Semester / Batch Year	Course/ Paper	Code No.	THPW	No. of Credits
I 2021-22	Paper – I (Theory) Mechanics	6118	4 hours	4
	Paper – I Mechanics Lab AECC-I	6118P	2 hours	1
	Environmental Science		2 hours	2
II 2021-22	Paper – II (Theory) Thermal Physics	6218	4 hours	4
	Paper – III Thermal Physics Lab AECC-II	6218P	2 hours	1
	Basic Computer Skills		2 hours	2
III 2020-21	Paper – III (Theory) Electromagnetic Theory	6318	4 hours	4
	Paper – III Electromagnetic Theory Lab SECC-I	6318P	2 hours	1
	Solar Energy and its Collectors SECC-II Storage and Utilization of Solar Energy		2 hours	2
IV 2020-21	Paper – IV (Theory) Waves & Optics	6418	4 hours	4
	Paper – IV Optics Lab SECC-III	6418P	2 hours	1
	Solar Energy SECC-IV Chemical Energy		2 hours	2
V 2019-20	Paper – V (Elective) A: Modern Physics (Theory) ** Elective - I	6518A	4 hours	4
	A: Modern Physics (Lab) (OR)	6518A P	2 hours	1
	B: Computational Physics (Theory) ** Elective - II		4 hours	4
	B: Computational Physics (Lab) SECC-III	6518B	2	1
	Solar Energy GE-I	6518BP	hours	2
	Mechanical Energy		2 hours	2
VI 2019-20	Paper – VI (Elective) A: Electronics (Theory) ** Elective - I	6618A	4 hours	4
	A: Electronics (Lab) (OR)	6618P	2 hours	1
	B: Applied Optics ** Elective - II		4 hours	4
	B: Applied Optics (Lab) SECC-IV	6618B 6618BP	2 hours	1
	Chemical Energy GE-II		2 hours	2
	Geothermal Energy		2 hours	2

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ANWAR-UL-ULOOM COLLEGE
Mallepally, Hyderabad-500 001.

ANWARUL ULOOM COLLEGE (Autonomous)

(Affiliated to Osmania University)

Department of Physics

B.Sc. 1st Year (2021-2022)

Syllabus (CBCS)



Paper	Title	Semester - I		Total Credit = 7				
		Units	HPW	Credits	Int. Marks	Ext. Sem. Marks	Total Marks	Exam Duration (hrs)
Paper - I (Theory)	Mechanics	4	4	4	20	80	100	3 hrs
Paper - I (Lab)	Mechanics Lab	---	2	1	---	50	50	3 hrs
AECC - I	Environmental Science	2	2	2	---	50	50	2 hrs

Paper	Title	Semester - II		Total Credit = 7				
		Units	HPW	Credits	Int. Marks	Ext. Sem. Marks	Total Marks	Exam Duration (hrs)
Paper - II (Theory)	Thermal Physics	4	4	4	20	80	100	3 hrs
Paper - II (Lab)	Thermal Physics Lab	---	2	1	---	50	50	3 hrs
AECC - II	Basics Computer Skills	2	2	2	---	50	50	2 hrs

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 Chairman BOS, Dept. of Physics
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 Mallepally, Hyderabad-500 001.

ANWARUL ULOOM COLLEGE, DEPARTMENT OF PHYSICS

ANWARUL ULOOM COLLEGE (Autonomous)

(Affiliated to Osmania University)

Department of Physics

B.Sc. 2nd Year (2021-2022) / 2020 - 2021 Batch Year



		Semester - III		Total Credit = 9				
Paper	Title	Units	HPW	Credits	Int. Marks	Ext. Sem. Marks	Total Marks	Exam Duration (hrs)
Paper - III (Theory)	Electromagnetic Theory	4	4	4	15	35	50	2 hrs
Paper - III (Lab)	Electromagnetic Theory Lab	---	2	1	---	25	25	2 hrs
SECC - I	Solar Energy and its Collectors	2	2	2	---	50	50	2 hrs
SECC-II	Storage and Utilization of Solar Energy	2	2	2	---	50	50	2 hrs
		Semester - IV		Total Credit = 9				
Paper	Title	Units	HPW	Credits	Int. Marks	Ext. Sem. Marks	Total Marks	Exam Duration (hrs)
Paper - IV (Theory)	Waves and Optics	4	4	4	15	35	50	2 hrs
Paper - IV (Lab)	Waves and Optics Lab	---	2	1	---	25	25	2 hrs
SECC - III	Solar Energy	2	2	2	---	50	50	2 hrs
SECC-IV	Chemical Energy	2	2	2	---	50	50	2 hrs

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 Chairman BOS, Dept. of Physics
 ANWAR-UL-ULOOM COLLEGE
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ANWARUL ULOOM COLLEGE (Autonomous)

(Affiliated to Osmania University)

Department of Physics

B.Sc. 3rd Year (2021-2022) / 2019 - 2020 Batch Year

Syllabus (CBCS)



Paper	Title	Semester - V		Total Credit = 9				
		Units	HPW	Credits	Int. Marks	Ext. Sem. Marks	Total Marks	Exam Duration (hrs)
Paper - V (Theory)	Modern Physics Elective - I	4	4	4	15	35	50	2 hrs
Paper - V (Lab)	Modern Physics Lab	---	2	1	---	25	25	2 hrs
SECC - III	Solar Energy	2	2	2	---	50	50	2 hrs
GE-I	Mechanical Energy	2	2	2	---	50	50	2 hrs
Paper	Title	Semester - VI		Total Credit = 9				
		Units	HPW	Credits	Int. Marks	Ext. Sem. Marks	Total Marks	Exam Duration (hrs)
Paper - VI (Theory)	Electronics Elective - I	4	4	4	15	35	50	2 hrs
Paper - VI (Lab)	Electronics Lab	---	2	1	---	25	25	2 hrs
SECC - IV	Chemical Energy	2	2	2	---	50	50	2 hrs
GE-II	Geothermal Energy	2	2	2	---	50	50	2 hrs

Chairman BOS

ANWARUL ULOOM COLLEGE, DEPARTMENT OF PHYSICS

Chairman BOS, Dept. of Physics

ANWAR-UL-ULOOM COLLEGE

Mallepally, Hyderabad-500 001.

ANWARUL ULOOM COLLEGE, MALLEPALLY, HYDERABAD

M.Sc., PHYSICS PREVIOUS YEAR

(For the batch admitted in 1st Year for the Academic Year 2021-2022)



Scheme of Instruction and Examination

SEMESTER - I

S.No.	Sub. Code	Subject	Instructions Hrs / Week	No. of Credits	Max. Marks
Theory:					
01	P 101	Mathematical Physics	4	4	20 + 80 = 100
02	P 102	Classical Mechanics	4	4	20 + 80 = 100
03	P 103	Quantum Mechanics - I	4	4	20 + 80 = 100
04	P 104	Solid State Physics	4	4	20 + 80 = 100
Practical:					
05	P 105	Heat and Acoustics	6	4	100
06	P 106	Optics	6	4	100
		Total	28	24	600
Seminar:					
07	P 107	Seminar - I	1	1	25

Note:

Out of 100 Marks for each theory paper 20 Marks are allotted for internals and 80 marks for Theory exams. There shall be no internal assessment examinations for Practical. Practical Examinations will be conducted at the end of each Semester.

For Seminar-I course out of 25 marks paper 5 marks are allotted for the hard copy of the topic given and 20 marks for the Seminar Deliver.

Pattern of Question Paper: The Question paper consists of two parts, each covering all the four units.

Part - A: Consists of Eight (8) short note questions, (two from each unit), carrying 4 marks each.

The student has to answer all the questions

Part -B: Consists of Four (4) essay type questions with an internal choice. Each questions carries 12 marks.

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ANWARUL ULOOM COLLEGE, MALLEPALLY, HYDERABAD

M.Sc., PHYSICS PREVIOUS YEAR

(For the batch admitted in Ist Year for the Academic Year 2021-2022)

Scheme of Instruction and Examination

SEMESTER - II



S.No.	Sub. Code	Subject	Instructions Hrs / Week	No. of Credits	Max. Marks
Theory:					
01	P 201	Electromagnetic Theory	4	4	20 + 80 = 100
02	P 202	Statistical Mechanics	4	4	20 + 80 = 100
03	P 203	Quantum Mechanics - II	4	4	20 + 80 = 100
04	P 204	Electronics	4	4	20 + 80 = 100
Practical:					
05	P 205	Electronics	6	4	100
06	P 206	Computer Programming	6	4	100
		Total	28	24	600
Seminar:					
07	P 207	Seminar - II	1	1	25

Note:

Out of 100 Marks for each theory paper 20 Marks are allotted for internals and 80 marks for Theory exams. There shall be no internal assessment examinations for Practical. Practical Examinations will be conducted at the end of each Semester.

For Seminar-II course out of 25 marks paper 5 marks are allotted for the hard copy of the topic given and 20 marks for the Seminar Deliver.

Pattern of Question Paper: The Question paper consists of two parts, each covering all the four units.

Part - A: Consists of Eight (8) short note questions, (two from each unit), carrying 4 marks each.

The student has to answer all the questions

Part -B: Consists of Four (4) essay type questions with an internal choice. Each questions carries 12 marks.

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ANWARUL ULOOM COLLEGE, MALLEPALLY, HYDERABAD

M.Sc., PHYSICS FINAL YEAR

(For the batch admitted in Final Year for the Academic Year 2021-2022)



Scheme of Instruction and Examination

SEMESTER - III

S.No.	Sub. Code	Subject	Instructions Hrs / Week	No. of Credits	Max. Marks
Theory:					
01	P 301	Modern Optics	4	4	20 + 80 = 100
02	P 302	Advanced Solid State Physics	4	4	20 + 80 = 100
03	PEI 303	Digital Logic Circuits	4	4	20 + 80 = 100
04	PEI 304	Microprocessors, DSPs & Interfacing	4	4	20 + 80 = 100
05	PEI 305	Electronic Instrumentation	4	4	20 + 80 = 100
Practical:					
06	P 306	Spectroscopy	6	4	100
07	P 307	Analog and Digital Simulation	6	4	100
Total			32	28	700
IDE - Course:					
08	P 308	Principles of Electrical Appliances	3	2	50

Note:

Out of 100 Marks for each theory paper 20 Marks are allotted for internals and 80 Marks for Theory exams. There shall be no internal assessment examinations for Practical. Practical Examinations will be conducted at the end of each Semester.

For IDE course Principles of Electrical Appliances 50 Marks for Theory Exam.

Pattern of Question Paper: The Question paper consists of two parts, each covering all the four units.

Part - A: Consists of Eight (8) short note questions, (two from each unit), carrying 4 marks each.

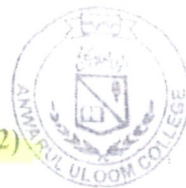
The student has to answer all the questions

Part -B: Consists of Four (4) essay type questions with an internal choice. Each questions carries 12 marks.

ANWARUL ULOOM COLLEGE, MALLEPALLY, HYDERABAD

M.Sc., PHYSICS FINAL YEAR

(For the batch admitted in Final Year for the Academic Year 2021-2022)



Scheme of Instruction and Examination

SEMESTER - IV

S.No.	Sub. Code	Subject	Instructions Hrs / Week	No. of Credits	Max. Marks
Theory:					
01	P 401	Nuclear Physics	4	4	20 + 80 = 100
02	P 402	Spectroscopy	4	4	20 + 80 = 100
03	PEI 403	Embedded Systems And Its Applications	4	4	20 + 80 = 100
04	PEI 404	PC Architecture	4	4	20 + 80 = 100
05	PEI 405	Instrumentation For Measurement, Control, Data Acquisition And Data Transmission	4	4	20 + 80 = 100
Practical:					
06	P 406	Nuclear Physics	6	4	100
07	P 407	Microprocessors (8086) & Microcontroller (8051)	6	4	100
Total			32	28	700
IDE - Course:					
08	P 408	Solar Energy Utilization	3	2	50

Note:

Out of 100 Marks for each theory paper 20 Marks are allotted for internals and 80 marks for Theory exams. There shall be no internal assessment examinations for Practical. Practical Examinations will be conducted at the end of each Semester.

For IDE course Solar Energy Utilization 50 Marks for Theory Exam.

Pattern of Question Paper: The Question paper consists of two parts, each covering all the four units.

Part - A: Consists of Eight (8) short note questions, (two from each unit), carrying 4 marks each.

The student has to answer all the questions

Part -B: Consists of Four (4) essay type questions with an internal choice. Each questions carries 12 marks.

ANWARUL ULOOM COLLEGE, DEPARTMENT OF PHYSICS

ANWARUL ULOOM COLLEGE (AUTONOMOUS)

(An Autonomous Muslim Minority Institution)

New Mallepally, Hyderabad-500001 T.S., India



Faculty of Social Sciences

B.A (EPP) & (HPML) - Political Science -Course Structure

Choice Based Credit System Pattern

Approval Syllabus for the Academic Year 2020-21

2021-22

Code	Name of the paper	Scheme of instruction/Hours per week	Credit	Scheme of Examination	
				Internal Assessment Marks	Semester Examination Marks
SEMESTER – I					
1119	Understanding political Theory	5 Hours	5	20	80
AECC-I PAPER FOR SEMESTER – I					
A1119	Environmental Studies	2 Hours	2		50
SEMESTER – II					
1219	Western political thoughts	5 Hours	5	20	80
AECC-II PAPER FOR SEMESTER – II					
11219	Basic Computer Skills	2 Hours	2		50

Yes
29/6/2021

Dr. YASMIN
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NEW MALLEPALLY, HYDRABAD-500001

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(An Autonomous Muslim Minority Institution)

New Mallepally, Hyderabad-500001 T.S , India



Faculty of Social Sciences
B.A (EPP) & (IPML)- Political Science - Course Structure
Choice Based Credit System Pattern
Approval Syllabus for the Academic Year 2020-21

Code	Name of the paper	Scheme of instruction/Hours per week	Credit	Scheme of Examination	
				Internal Assessment Marks	Semester Examination Marks
SEMESTER – III					
1119	Indian Political Thought	5 Hours	5	15	35
SECC- I – SECC – II PAPER FOR SEMESTER - III					
A1119	Emancipation of women	2 Hours	2		50
11219	Caste System in India	2 Hours	2		50
SEMESTER – IV					
1219	Constitution and Politics of India	5 Hours	5	15	35
SECC-III – SECC – IV PAPER FOR SEMESTER – IV					
11219	Indian Freedom Movement	2 Hours	2		50
	India Constitution	2 Hours	2		50

Sa. Qutbi
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ANWARUL-ULOOM COLLEGE (AUTONOMOUS)
HYDERABAD.

Yas
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New Mallepally, Hyderabad-500001 T.S , India

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Faculty of Social Sciences
B.A III Year (2020-21)
SEMESTER – V – IV
Course Structure
(Choice Based credit System)

Semester	Name of the Paper	Scheme of the Examination	
		Internal Assessment Marks	Semester Examination Marks
V (DSC)	Government and Politics In Telangana	15	35
GE-I	Reform Movements in India	-	50
VI (DSC)	Global Politics	15	35
GE-II	Women studies (An Introduction)	-	50

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ANWARUL ULOOM COLLEGE (AUTONOMOUS)
HYDERABAD.

Yasmin
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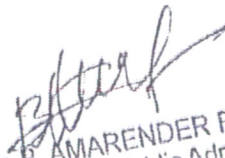
New Mallepally, Hyderabad-500001 T.S, India

2021-22

Faculty of Social Sciences
Public Administration
Course Structure
Choice Based Credit System Pattern

Name of the paper	Scheme of instruction/Hours per week	Credit	Scheme of Examination	
			Internal Assessment Marks	Semester Examination Marks
Semester-I				
Basics of Public Administration-I	5 Hours	5	20	80
AECC-I Semester-I				
Environmental Studies	2 Hour's	2	----	50
Semester-II				
Principles and Emerging Trends	5 Hours	5	20	80
AECC-II Semester-II				
Basic Computer Skills	2 Hours	2	----	50

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New Mallepally, Hyderabad-500001 T.S, India

Faculty of Social Sciences

Public Administration

Course Structure

Choice Based Credit System Pattern

Name of the paper	Scheme of instruction/Hours per week	Credit	Scheme of Examination	
			Internal Assessment Marks	Semester Examination Marks

Semester-III

Indian Administration- Union Government	5 Hours	5	15	35
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SECC-I and SECC-II

Semester-III

Local Self Government	2 Hours	2	----	50
Public relations	2 Hours	2	----	50


Semester-IV

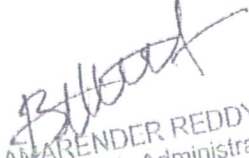
Indian Administration- State Government	5 Hours	5	15	35
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SECC-III and SECC-IV

Semester-IV

Development and local governance- rural governance	2 Hours	2	----	50
Development and local governance- urban governance	2 Hours	2	----	50


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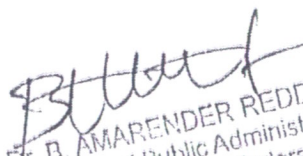
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**Faculty of Social Sciences
Public Administration
Course Structure
Choice Based Credit System Pattern
Semester V & VI**

Semester	Name of the Paper	Scheme of the Examination	
		Internal Assessment Marks	Semester Examination Marks
V	Human Resource Management	15	35
GE- I,	Social Reforms, Movement In India	15	35
VI	Financial Management And Material Management	15	35
GE - II	Telangana Movement	15	35

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Dr. B. AMARENDER REDDY
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Faculty of Arts

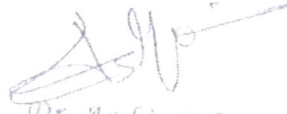
Department of Urdu

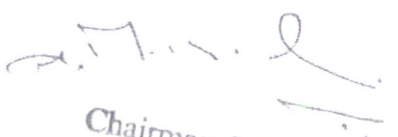
(2021-22)

Subjects: Second Language Urdu

S.NO	Name of the Paper	Paper	HPW	Units	Credits	Internal	External	Total
1	I st Sem	Mutala-e-Adab part-1 (Urdu Second Language)	4	4	4	20	80	100
2	II Sem	Mutala-e-Adab part-1 (Urdu Second Language)	4	4	4	20	80	100
3	III Sem	Mutala-e-Adab part-2 (Urdu Second Language)	3	3	3	15	35	50
4	IV Sem	Mutala-e-Adab part-2 (Urdu Second Language)	3	3	3	15	35	50
5	V Sem	Urdu Journalism	3	3	3	15	35	50
6	VI Sem	Urdu Computer and Translation	3	3	3	15	35	50


HEAD
DEPARTMENT OF URDU
O.U COLLEGE FOR WOMEN
AUTONOMOUS
KOTHI, HYDERABAD-95.


Dr. Arshia Jabeen
Associate Professor
Dept. of Urdu
School of Humanities
University of Hyderabad
Gachhi Bowli, Hyderabad-46.


Chairman & Head
Dept. of Urdu
Anwarul-Uloom College (Autonomous)
New Mallepally, Hyderabad-500001, T.S.

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

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

B.A (HPML) (CBCS) Approved Syllabus for the Academic Year 2021-22

Course Structure (2021-22)

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 1(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 1(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)	5	5	5	15	35	50
13	3 rd Y	VI	or 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
COLLEGE FOR WOMEN
AUTONOMOUS

Prof. Dr. Jilana
Associate Professor
Department of Urdu
Faculty of Humanities
University of Hyderabad
Gach Bowli, Hyderabad-46.

ANWARUL ULOOM COLLEGE (Autonomous)

(An Autonomous Muslim Minority Institution)

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

(Affiliated to Osmania University)

(Re-Accredited with NACC with A-Grade)

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 2021-22

Course Structure (2021-22)




Marks

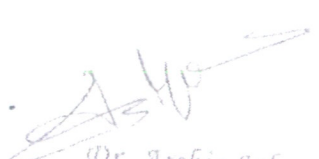
S.No	Year	Sem	Paper/Title	Teaching Hours W	Units	Credits	Internal Assmnt	End Sem	Total
1	1 st Year	I	Mutala-e-Adab part-1 (Urdu Second Language)	4	4	4	20	80	100
2	1 st Year	I	Environmental Science (AECC-I)	2	2	2	-	50	50
3	1 st Year	II	Mutala-e-Adab Part -1 1 (Urdu Second Language)	4	4	4	15	80	100
4	1 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 SECC-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


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DEPARTMENT OF URDU
O.U. COLLEGE FOR WOMEN
AUTONOMOUS
GACHIBOWLI, HYDERABAD-95.


Dr. Arshia Jabeen
Associate Professor
Dept. of Urdu
School of Humanities
University of Hyderabad
Gachhi Bowli, Hyderabad-46.


Chairman & Head
Dept. of Urdu
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad-500001



Anwarul Uloom College (Autonomous)

New Mallepally, Hyderabad
Affiliated to Osmania University
(Re-Accredited with NAAC with A – Grade)



Faculty of Science
Department of Zoology
B. Sc. (B.Z.C., N. Z. C.)
Course Structure in Part – II (2021 – 22)

S. No.	Year	Sem.	Paper / Title	Teaching Hours / Week	Units	Credits	Marks		
							Internal Assessment	External Assessment	Total
1	1st 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	1st Year	II	Ecology, Zoogeography & Animal Behavior-Theory	4	4	4	20	80	100
5			Ecology, Zoogeography & Animal Behavior-Practicals	4	—	2	—	—	50
6			Basic computer skills (AECC-II)	2	2	2	—	—	50
7	2nd Year	III	Animal Physiology	4	4	4	15	35	50
8			Animal Physiology Practicals	2	—	1	—	—	25
9			Vectors – (SECC – I)	2	2	2	—	—	50
			Vermiculture – (SECC – II)	2	2	2	—	—	50
10	2nd Year	IV	Cell Biology, Genetics & Evolution – Theory	4	4	4	15	35	50
11			Cell Biology, Genetics & Evolution – Practical	2	—	1	—	—	25
12			Apiculture – (SECC – III)	2	2	2	—	—	50
			Biodiversity Conservation & Eco - Tourism – (SECC – IV)	2	2	2	—	—	50

[Signature]
HEAD
Department of Zoology
Anwar-ul-Uloom College (Autonomous)
Mallepally, Hyderabad-T.S.

[Signature]
PROFESSOR
Department of Zoology
UCS, Osmania University,
Hyderabad - 500 007.

13	3 rd Year	V	Zoology V A (Biochemistry and Endocrinology)- Theory	4	4	4	15	35	50
14			Zoology V A ((Biochemistry and Endocrinology) – Practicals (OR)	2	—	1	—	25	25
15			Zoology V B-Laboratory Animals Maintenance and Applications – Theory	4	4	4	15	35	50
16			Zoology V B- - Laboratory Animals Maintenance and Applications – Practicals	2	—	1	—	25	25
17			Apiculture – (SECC – III)	2	2	2	—	50	50
18			Integrated Pest Management – (G E – I)	2	2	2	—	50	50
19	3 rd Year	VI	Zoology VI A (Fisheries & Limnology) – Theory	4	4	4	15	35	50
20			Zoology VI A (Fisheries & Limnology) – Practicals (OR)	2	—	1	—	25	25
21			Zoology VI B (Immunology & Biotechnology) – Theory	4	4	4	15	35	50
22			Zoology VI B (Immunology & Biotechnology) – Practicals	2	—	1	—	25	25
23			Biodiversity Conservation & Eco - Tourism – (SECC – IV)	2	2	2	—	50	50
24			G E – II Preventive Medicine	2	2	2	—	50	50

AECC – Ability Enhancement Compulsory Course

SECC – Skill Enhancement Compulsory Course

G E – Generic Elective

Head of the Department

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 UCS, Osmania University,
 Hyderabad - 500 007.