

CRITERIA



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


[Signature]


PRINCIPAL
Anwarul Uloom College (Autonomous)
New Malleshpally, Hyderabad.



CRITERIA


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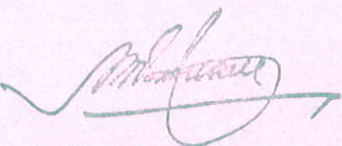

COORDINATOR
Internal Quality Assurance Cell
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad.


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

LIST OF THE DEPARTMENT(2022-2023)

- *B A(Eng Literature /His/Pscy)
- *B.A(HPML)
- *B.A(EPP)
- *B B.A
- *B.B.M
- *B.com(Gen/Comp.Appl/E-commerce/Foreign Trader/
A S.M/Tax.Procedure/Honours)
- *B.sc(CSE/BTMBC/MECS/NZC/BZC/MPC)


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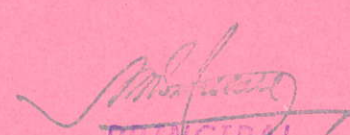

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1^{-st} Semester

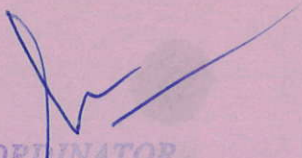

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New Malleshpally, Hyderabad.


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New Malleshpally, Hyderabad-01.

STRUCTURES



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New Mallepally, Hyderabad.



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New Mallepally, Hyderabad-01.

ANWARUL ULOOM COLLEGE

(AUTONOMOUS)

(A Minority institution Affiliated to Osmania University, Hyderabad) Accredited
by NAAC with 'A+' Grade



B.A/B.com (ALL streams) B.sc (All Streams) and BBA (CBCS)
(W.E.F. 2023-24)

Department of English

Course structure

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


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Chairman
Board of Studies

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

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

ANWARUL ULOOM COLLEGE, MALLEPALLY , HYDERABAD.TS
 (An Autonomous Muslim Minority Institution Affiliated To Osmania University)
 Bachelor Of Arts, Commerce, Science & Business Administration

DEPARTMENT OF ARABIC (Second Language)

Under Graduate I, II & III Year (CBCS)

Approved Syllabus for the Academic Year 2022 – 2023

COURSE STRUCTURE

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

M. Ayaz
HEAD

Department of Arabic

Anwar-ul-Uloom PRINCIPAL

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

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

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/Ttile	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 SEC-II						
7	2 nd year	IV	Zauq-e-Adab Part II B	3	3	3	15	35	50
8	2 nd Year	IV	Urdu Sahafat-II SECC III SECC IV	2	2	2	-	50	50

AECC-Ability Enhancement Compulsory Course

SECC-Skill Enhancement Compulsory Course

IDE- Inter Disciplinary Course

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ANWARUL ULOOM COLLEGE (AUTONOMOUS)

A Minority Institution Affiliated to Osmania University, Hyderabad)
Accredited by NAAC with 'A' Grade

B.A (EHP) – ENGLISH LITERATURE (W.E.F. 2022-23)

SEMESTER	SUBJECT TITLE	UNITS	HPW	CREDITS	INTERNAL	EXTERNAL	TOTAL	Duration
I DSC	Introduction to English Language and Literature	5	5	5	20	80	100	3
AECC-I	Environmental Studies	2	2	2		50	50	2
II DSC	English Poetry,	5	5	5	20	80	100	3
AECC-II	Basic Computer Skills	2	2	2		50	50	2
III DSC	English Drama	5	5	5	20	80	100	3
SECC-I	Professional skills	2	2	2		50	50	2
SECC-II	Different Modes of Writing in English	2	2	2		50	50	2
IV	English Fiction	5	5	5	20	80	100	3
SECC-III	Leadership Management	2	2	2		50	50	2
SECC-IV	Vocabulary an Introduction	2	2	2		50	50	2
V DSC	English Discipline Specific Elective(DSE) A. Modern Indian Literature or B. Women's Writing.	5	5	5	20	80	100	3
GE	English Generic Elective(GE) English for Academic and Professional Purposes	4	4	4	20	80	100	3
VI	English Discipline Specific Elective(DSE) A. American Literature B. Contemporary World Literature.	4	4	4	20	80	100	3
English Project Paper/Theory	Project/ Literary Criticism and Theory	4		4		100	100	3

Cap: Dr. Kausar Begum Khan
Head Department of English
Anwarul Uloom Degree College for Women
New Malleshpally, Hyderabad-500082

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Dr. C. MURALIKRISHNA
PROFESSOR,
DEPT. OF ENGLISH,
OSMANIA UNIVERSITY, HYD.-7.

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

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New Malleshpally, Hyderabad-01.

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 Psychology

B. A. (English Literature, History & Psychology)
(2022 – 23)

Choice Based Credit System Pattern (w. e. f. 2015 – 16)
(Approved Syllabus for the Academic Year 2022 – 23)

Code	Title	HPW	Credits	Exam Hours	Marks
I – Semester					
ELS 1	English (First Language)	4	4	2	80 + 20
SLS 1	Second Language	4	4	2	80 + 20
AECC 1	Environmental Science / Basic Computer Skills	2	2	2	50
DSC 101	General Psychology – I	5	5	2	80 + 20
DSC 102	English Literature – I	5	5	2	80 + 20
DSC 103	History – I	5	5	2	80 + 20
	Total	25	25		550
II – Semester					
ELS 2	English (First Language)	4	4	2	80 + 20
SLS 2	Second Language	4	4	2	80 + 20
AECC II	Basic Computer Skills / Environmental Science	2	2	2	50
DSC 201	Personality Theories and Assessment	5	5	2	80 + 20
DSC 202	English Literature – II	5	5	2	80 + 20
DSC 203	History – II	5	5	2	80 + 20
	Total	25	25		550
III – Semester					
ELS 3	English (First Language)	4	3	2	80 + 20
SLS 3	Second Language	4	3	2	80 + 20
SECC I	Life Skills	2	2	2	50
SECC 2	Psychology in Profession Settings	2	2	2	50
DSC 301 (T)	Social Psychology	4	4	2	80
DSC 301 (P)	Experimental Psychology	2	2	2	20
DSC 302	English Literature – III	5	5	2	80 + 20
DSC 303	History – III	5	5	2	80 + 20
	Total	28	25		600
IV – Semester					
ELS 4	English (First Language)	4	3	2	80 + 20
SLS 4	Second Language	4	3	2	80 + 20
SECC 3	Stress Management and Well Being	2	2	2	50
SECC 4	Health Behaviour and Lifestyles	2	2	2	50

[Signature]
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New Mallepally, Hyderabad-01.



ANWARUL ULOOM COLLEGE (AUTONOMOUS)
 (An Autonomous Muslim Minority Institution)
 New Mallepally, Hyderabad-500001 T.S, India
 (Affiliated to Osmania University)
FACULTY OF SOCIAL SCIENCES
DEPARTMENT OF POLITICAL SCIENCES

B.A (POLITICAL SCIENCE)

PROGRAM STRUCTURE

APPROVED SYLLABUS FOR THE ACADEMIC YEAR (2022-23)

S.NO	YEAR	SEM	PAPER	TITLE	THEORY	LAB	TEACHING HOURS	CREDITS
1	1 ST YEAR	I	I DSC	UNDERSTANDING POLITICAL THEORY	20	80	5	5
2			AECC I	ENVIRONMENTAL STUDIES		50	2	2
3	1 ST YEAR	II	II DSC	WESTERN POLITICAL THOUGHTS	20	80	5	5
4			AECC 2	BASIC COMPUTER SKILLS		50	2	2
5	2 ND YEAR	III	III DSC	INDIAN POLITICAL THOUGHT	20	80	5	5
6			SECC -I	A. COMMUNICATION SKILLS OR B. PROFESSIONAL SKILLS		50	2	2
			SECC -II	A. EMANCIPATION OF WOMEN OR B. CASTE SYSTEM IN INDIA		50	2	2

CHAIRPERSON
BOARD OF STUDIES
 Department of Political Science
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad-500001 T.S, India

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

50
 Assistant Professor
 Department of Political Science
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad-01.



DEPARTMENT OF ECONOMICS



**B.A (DPP)
(APPROVAL OF SYLLABUS FOR THE ACADEMIC YEAR 2022-2023)**

YEAR	SEM	PAPER	TITLE	UNITS	THPW	A	ESE	TOTAL	CREDITS
1	I	AECC-I	Micro Economics	5	5	20	80	100	5
			Environmental Studies	2	2	—	50	50	2
	II	AECC-II	Macro Economics	5	5	20	80	100	5
			Basic Computer Skills	2	2	—	50	50	2
	III	SEC-I	Statistics for Economics	5	5	20	80	100	5
			Communication skills	—	2	—	50	50	2
Professional skills			—	2	—	50	50	2	
2	IV	SEC-II	Money and Banking	—	2	—	50	50	2
			Environmental Economics	—	2	—	50	50	2
	IV	SEC-III	Indian Economy	5	5	20	80	100	5
			Leadership and Mgmt. Or Universal Human Values	—	2	—	50	50	2
3	V	SEC-IV	Industrial Economics	—	2	—	50	50	2
			Entrepreneurship and Development	5	5	15	35	50	5
			Development Economics	5	5	15	35	50	5
VI	Project Or Additional subject	GE-I	Rural Development	4	2	—	50	50	4
		VI	International Economics	5	5	15	35	50	5
VI	Project Or Additional subject	VI	Financial Economics	4	2	—	50	50	2
			Financial Economics	4	2	—	50	50	2

THPW : Teaching Hour per Week, ESE : End Semester Exam, IA: Internal Assessment, SEM: Semester.

Chairman
Board of Studies
Dept of Economics
Osmania University
Hyderabad-500 007

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

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


PROGRAMME STRUCTURE

Sl.No	Course Code	Course Title	Sem Exam	IA	Total	HPW	Credits
1	ELS-I	English -I	80	20	100	4Hrs	4
2	SLS-I	Second Language -I	80	20	100	4Hrs	4
3	DSC 101	Principles of Management	80	20	100	5Hrs	5
4	DSC 102	Basics of Marketing	80	20	100	5Hrs	5
5	DSC 103	Business Economics	80	20	100	5Hrs	5
6	AECC -	Environmental Studies	50	-	50	2Hrs	2
		Total				25Hrs	25
7	ELS-II	English -II	80	20	100	4Hrs	4
8	SLS-II	Second Language -II	80	20	100	4Hrs	4
9	DSC 201	Organizational Behaviour	80	20	100	5Hrs	5
10	DSC 202	Business Statistics	80	20	100	5Hrs	5
11	DSC 203	Financial Accounting	80	20	100	5Hrs	5
12	AECC-2	Basic Computer Skills	50	-	50	2Hrs	2
		Total				25Hrs	25
13	ELS-III	English-III	80	20	100	3Hrs	3
14	SLS-III	Second Language -III	80	20	100	3Hrs	3
15	DSC 301	Human Resource Management	80	20	100	5Hrs	5
16	DSC 302	Information Technology For Business	60	20	80	4Hrs	4
17	DSC 302	Information Technology For Business PR	20	-	20	2Hrs	1
18	DSC 303	Financial Management	80	20	100	5Hrs	5
19	SEC-1	a)Communication Skills OR b)Professional Skills	50	-	50	2Hrs	2
20	SEC-2	a) Business Policy and Strategy OR b)Advanced Computer Skills	50	-	50	2Hrs	2
		Total				25Hrs	25
21	ELS-IV	English-IV	80	20	100	3Hrs	3
22	SLS-IV	Second Language -IV	80	20	100	3Hrs	3
23	DSC 401	Business Law and Ethics	80	20	100	5Hrs	5
24	DSC 402	Market Research	80	20	100	5Hrs	5
25	DSC 403	Management Science	80	20	100	5Hrs	5
26	SEC-3	a)Leadership and Management Skills OR b)Universal Human Values	50	-	50	2 Hrs	2
27	SEC-4	a)Start Up Opportunity and Feasibility OR b) Basic Quality Management	50	-	50	2Hrs	2
		Total				25Hrs	25

Notation : CC – Core Courses- ELS: English Language Skill; SLS: Second Language Skill; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; T: Theory; P: Practical; I: Internal Exam.

Note: A student must choose one subject each from SEC 1, SEC 2, SEC 3 and SEC 4 respectively, Syllabus for Skill Enhancement Courses specified by UGC shall be taken from Jeevan Kaushal.

Internal Quality Assurance
Anwarul Uloom College
New Malleshpally
COORDINATOR
Head
Department of Business Administration 6
Anwarul Uloom College
(Autonomous)
(Affiliated to Osmania University)
New Malleshpally, Hyd-01, T.S. India.


Prof. R. NAGESWAR RAO
MBA., Ph.D. (U.S.)
Dept. of Business Management
Osmania University, Hyderabad-07.

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

STRUCTURE OF B.B.M DEGREE PROGRAMME w.e.f. ACADEMIC YEAR 2022 onwards

FIRST YEAR
SEMESTER-I:

Sl No	Paper Code	Course Title	Course Code	Sem Exam	IA	Total	HPW	Credits
1	ELS-1	English -I	ELS-1	80	20	100	4Hrs	4
2	SLS-1	Second Language -I	SLS-1	80	20	100	4Hrs	4
3	BBM101	Principles of Management	DSC-1	80	20	100	5Hrs	5
4	BBM102	Financial Accounting	DSC-2	80	20	100	5Hrs	5
5	BBM103	Business Economics	DSC-3	80	20	100	5Hrs	5
6	AECC-1	Environmental Studies	AECC-1	50	-	50	2Hrs	2
		Total					25Hrs	25

SEMESTER - II

7	ELS-II	English -II	ELS-II	80	20	100	4Hrs	4
8	SLS-II	Second Language -II	SLS-II	80	20	100	4Hrs	4
9	BBM 201	Fundamentals of Marketing	DSC-4	80	20	100	5Hrs	5
10	BBM 202	Business Statistics	DSC-5	80	20	100	5Hrs	5
11	BBM 203	Business Correspondence and Communication	DSC-6	80	20	100	5Hrs	5
12	AECC II	Basic Computer Skills	AECC-II	50	-	50	2Hrs	2
		Total					25Hrs	25

SEMESTER - III

13	ELS-III	English-III	ELS-III	80	20	100	3Hrs	3
14	SLS-III	Second Language -III	SLS-III	80	20	100	3Hrs	3
15	BBM 301	Human Resource Management	DSC-7	80	20	100	5Hrs	5
16	BBM 302	Information Technology For Business	DSC-8	60	20	80	4Hrs	4
17	BBM 302 PR	Information Technology For Business- PR	DSC-8PR	20PR	-	20	2 Hrs	1
18	BBM 303	Accounting for Management	DSC-9	80	20	100	5Hrs	5
19	SEC-1	a)Communication Skills (OR) b)Professional Skills	SEC-1	50	-	50	2Hrs	2
20	SEC-2	a) Business Policy and Strategy (OR) b)Advanced Computer Skills	SEC-2	50	-	50	2Hrs	2
		Total					26Hrs	25

SEMESTER - IV

21	ELS-IV	English-IV	ELS-IV	80	20	100	3Hrs	3
22	SLS-IV	Second Language -IV	SLS-IV	80	20	100	3Hrs	3
23	BBM401	Business Law and Ethics	DSC-10	80	20	100	5Hrs	5
24	BBM 402	Digital Marketing	DSC-11	80	20	100	5Hrs	5
25	BBM403	Financial Management	DSC-12	80	20	100	5Hrs	5
26	SEC-3	a)Leadership and Management Skills (OR) b)Universal Human Values	SEC-3	50	-	50	2Hrs	2
27	SEC -4	a)Start up Opportunity and Feasibility (OR) b) Basic Quality Management	SEC-4	50	-	50	2Hrs	2
		Total					25	25

Prof. R. NAGESHWAR RAO
Head
Dept. of Business Administration
Osmania University, Hyderabad

Department of Business Administration
Anwarul Uloom College
Internal Quality Assurance Cell
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad.

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

OSMANIA UNIVERSITY
B.COM
CBCS COURSE STRUCTURE
w.e.f. 2019-'20

Sl.No.	Code	Course Title	HPW	Credits	Exam Hrs	Marks
(1)	(2)	(3)	(5)	(6)	(7)	(8)
SEMESTER – I						
1.	ELS1	English (First Language)	4	4		
2.	SLS1	Second Language	4	4		
3.	AECC1	a) Environmental Science/ b) Basic Computer Skills	2	2		
4.	DSC101	Financial Accounting-I	5	5	3 hrs	80U+20I
5.	DSC102	Business Organization and Management	5	5	3 hrs	80U+20I
6.	DSC103	Foreign Trade	5	5	3 hrs	80U+20I
		Total	25	25		
SEMESTER – II						
7.	ELS2	English (First Language)	4	4		
8.	SLS2	Second Language	4	4		
9.	AECC2	a) Basic Computer Skills/ b) Environmental Science	2	2		
10.	DSC201	Financial Accounting-II	5	5	3 hrs	80U+20I
11.	DSC202	Business Laws	5	5	3 hrs	80U+20I
12.	DSC203	Banking and Financial Services	5	5	3 hrs	80U+20I
		Total	25	25		
SEMESTER – III						
13.	ELS3	English (First Language)	3	3		
14.	SLS3	Second Language	3	3		
15.	SEC1 UGC Specified Course	Communication Skills Professional Skills	2	2	1 ½ hrs	40U+10I
16.	SEC2Dept t. Specified Course	a) Principles of Insurance/ b) Foundation of Digital Marketing & Web Design	2	2	1 ½ hrs	40U+10I
17.	DSC301	Advanced Accounting	5	5	3 hrs	80U+20I
18.	DSC302	Business Statistics-I	5	5	3 hrs	80U+20I
19.	DSC303	Financial Institutions and Markets	5	5	3 hrs	80U+20I
		Total	25	25		
SEMESTER – IV						
20.	ELS4	English (First Language)	3	3		
21.	SLS4	Second Language	3	3		
22.	SEC3 UGC Specified Course	Leadership & Management Skills Universal Human Values	2	2	1 ½ hrs	40U+10I
23.	SEC4Dept Specified Course	a) Practice of Life and General Insurance / b) Social Media Marketing Search Engine Optimization & Online Advertising	2	2	1 ½ hrs	40U+10I
24.	DSC401	Income Tax	5	5	3 hrs	80U+20I
25.	DSC402	Business Statistics-II	5	5	3 hrs	80U+20I
26.	DSC403	Corporate Accounting	5	5	3 hrs	80U+20I
		Total	25	25		

Dean
Faculty of Commerce
Osmania University,
Hyderabad - 500 007

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

CHAIRPERSON
BOARD OF STUDIES IN COMMERCE
ANWAR-UL-ULOOM COLLEGE
HYDERABAD-50001., T.S.

ANWAR UL ULOOM COLLEGE

(An Autonomous Muslim Minority Institution, Affiliated to Osmania University)
New 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- 2022-23)	I	Paper - I (Theory) Programming in C	6110	4		20	80	100	4
		Paper - I (C-LAB)	6110P		3		50	50	1
		AECC-I - ENV. STUDS.	A6110	2			50	50	2
	II	Paper - II (Theory) Programming in C++	6210	4		20	80	100	4
		Paper -II (C++-LAB)	6210P		3		50	50	1
		AECC-II (Basic Comp Skills)	A6210	2			50	50	2
B.Sc. Second Year (Batch- 2021 -22)	III	Paper -III (Theory) Data Structures	6310	4		20	80	100	4
		Paper -III (DS -LAB)	P6310		3		50	50	1
		SECC-I - CS (OR) PS	6310A1	2			50	50	2
		SECC-II - Python-I	6310A2	2			50	50	2
	IV	Paper -IV (Theory) DBMS	6410	4		20	80	100	4
		Paper -IV(DBMS- LAB)	6410P		3		50	50	1
		SECC-III- LMS (OR) (UHV)	A6410	2			50	50	2
		SECC-IV- Python-II	A6410	2		50	50	2	
B.Sc. Third Year (Batch- 2020-21)	V	Paper -V (Theory) Programming in JAVA	6510	4		15	35	35	4
		Paper -V-(Practical)	6510P		3		25	25	1
		GE-II - INFO. TECH.-I	G6510	2			50	50	2
	VI	Paper -VI (Theory) Web Technology	6610	4		15	35	50	4
		Paper -VI (Practical)	6610P		3		25	25	1
		PROJECT/OPTIONAL PHP WITH MY SQL	P/O	3			15	35	3
		PHP (Practical)			3		25	25	1
		GE-II - INFO. TECH.-II	G6610	2			50	50	2

**Note: Student Project Details – Maximum 50 Marks Minimum 20Marks
Credits – 04 Group size: Maximum 4 members group**

**CHAIRMAN, BOS
COMPUTER SCIENCE
ANWAR UL ULOOM COLLEGE**
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad.

**Head
Computer Science & Engineering
& Engineering (A)**

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

ANWAR UL ULOOM COLLEGE
DEPARTMENT OF ELECTRONICS
COURSE DETAIL



Semester	Course/Paper	Code No	Teaching Hours Per week	No of Credits
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
III	Paper -III (Theory)	6312	4hrs	4
	• Power Supplies & Analog Circuits Paper -III(PS & AC-LAB) (SECC-I)	6312P	2hrs	1
	• (a) Communication Skill	A6312	2hrs	2
	(b) Professional Skill	A6312	2hrs	2
	(SECC-II)	16412	2hrs	2
	(a) Digital Signal Processing • (b) Modern communication System	16412	2hrs	2
IV	Paper -IV (Theory)	6412	4hrs	4
	Applications of Operational Amplifier and Communication Paper-IV(AOP&C-LAB) SECC-III	6412P	2hrs	1
	(a) Leadership and Managerial Skills (b) Universal Human values(ethics)	A6512	2hrs	2

ANWARUL ULOOM COLLEGE, DEPARTMENT OF ELECTRONICS

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HEAD
 Department of Physics
 University College of Science
 Anwar-ul-Uloom College

Head of the Dept of Electron
 Anwar-ul-uloom College
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad-01.

Anwarul Uloom College (Autonomous)

Department of Biotechnology

B. Sc (Bt. M.C)

Subject: BIOTECHNOLOGY (2022 – 2023)

Sl. No.	Year	Sem	Paper / Title	Teaching Hours /Week	Units	Credits	Marks			
							Internal assessment	Semester	Total	
1	2022 - 2023	I	Cell Biology & Genetics –Theory	4	4	4	20	80	100	
2			Cell biology & Genetics –Practical	2	-	1	-	50	50	
3			Environmental science (AECC-I)	2	-	2	-	50	50	
4		II	Nucleic acids & Biochemistry Theory	4	4	4	20	80	100	
5			Nucleic Acids & Biochemistry –Practical	2	-	1	-	50	50	
6			Basic Computer Skills (AECC-II)	2	-	2	-	50	50	
7	2021 - 2022	I	Molecular biology & rDna Technology -- Theory	4	4	4	20	80	100	
8			Molecular biology & rDna Technology -- Practical	2	-	1	-	50	50	
9		III	SEC- I A) Communication Skills Or B) Professional Skills	2	-	2	-	50	50	
10			SEC – II A) Industrial fermentation Or B) Immunological techniques	2	2	2	-	50	50	
11				IV	Biostatistics & Bioinformatics Theory	4	4	4	20	80
12			Biostatistics & Bioinformatics Practical		2	-	1	-	50	50
13		SEC- III A) Leadership & Management Skills Or B) Universal Human Values	2		-	2	-	50	50	
14		SEC- IV A) Molecular markers in plant breeding Or B) Drug designing	2		2	2	-	50	50	
15		2020 - 2021	V	Elective – A Plant biotechnology- Theory	4	4	4	15	35	50
16				Elective – B Medical biotechnology - Theory	4	4	4	15	35	50
17				Elective – A Plant biotechnology – Practical	2	-	1	-	25	25
18			Elective – B Medical biotechnology – Practical	2	-	1	-	25	25	
19	VI		Basics in biotechnology – (GE- I)	4	4	4	-	50	50	
20			Elective – A - Animal biotechnology – Theory	4	4	4	15	35	50	
21		Elective – B - Environmental biotechnology - Theory	4	4	4	15	35	50		
22	VI	Elective – A Animal biotechnology – Practical	2	-	1	-	25	25		
23		Elective – B Environmental biotechnology –Practical	2	-	1	-	25	25		
24	VI	Research methodology/ project	-	-	4	-	100	100		

AECC – Ability Enhancement Compulsory Course

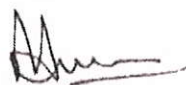
SEC – Skill Enhancement Compulsory Course

GE – Generic Electives

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New Mallepally, Hyderabad.

COORDINATOR
Dr. SMITHA C. PAWAR
Head Professor
Department of Biotechnology
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad-01.

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Head of the Department
CHAIRPERSON
BOARD OF STUDIES
 Department of Biotechnology
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad-01

PRINCIPAL
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New Mallepally, Hyderabad-01.

Anwarul Uloom College
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New Mallepally, Hyderabad – 500001



FACULTY OF SCIENCE
DEPARTMENT OF MATHEMATICS
B.Sc (MPCs, MECs, MPE, MPC)
COURSE STRUCTURE
Approved syllabus for the academic year: 2022-23

S.NO	YEAR	SEM	PAPER/ TITLE	TEACHING HOURS/WEEK	UNITS	CREDITS	MARKS		
							IA	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

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New Mallepally, Hyderabad.

Head
Department of Mathematics
Anwarul Uloom College
New Mallepally, Hyderabad.

Head
Department of Mathematics
Osmania University
Hyderabad-500 007.

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

Course Structure (2022-2023)

SN.O.	YEAR	SEM.	PAPER/TITLE	Teaching hours/ week	Units	Credits	Marks		
							Internal Assessment	End Semester	Total
1	1st Year 22-23	I	Introduction to Foods & Nutrition	4	4	4	20	80	100
2			Introduction to Foods & Nutrition (Practical's)	2	-	1	-	50	50
3			Environmental Science (AECC-I)	2	-	2	-	50	50
4	1st Year 22-23	II	Nutritional Biochemistry and Human Physiology	4	4	4	20	80	100
5			Nutritional Biochemistry and Human Physiology (Practical)	2	-	1	-	50	50
6			Basic Computer Skills (AECC-II)	2	-	2	-	50	50
7	2nd Year 22-23	III	Normal Therapeutic Nutrition-Theory	4	4	4	20	80	100
8			Normal And Therapeutic Nutrition-Practical	2	-	1	-	50	50
			Communication skills(SECC-I) or	2	-	2	-	50	50
			Professional Skills(SECC-I)	"	"	"	-	"	"
9			Food Service Management (SECC-II) or	2	2	2	-	50	50
			Bakery Science (SECC-II)	"	"	"			
10	2nd Year 22-23	IV	Diet In Disease- Theory	4	4	4	20	80	100
11			Diet In Disease - Practical	2	-	1	-	50	50

SUJATA STEPHEN
 HOD NUTRITION DEPT.
 YASHODA HOSPITAL
 Malakpet, Hyderabad

Dr. H. K. S. Srinivasulu Reddy
 Head
 Department of Applied Nutrition
 Sardulini Naidu Vanita Maha Vidyalaya
 Dept. of Nutrition & Dietetics
 ANWARUL-ULOOM COLLEGE
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 Telangana-500 001.

Dr. P. Ashlesha
 HEAD
 Dept. of Food and Nutrition
 Univ. of Women
 Kowloon, Hyderabad-096.

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Semester I

BZC- Botany

Sem I	Core Subject	Units	Hours	Credits	Internal	External	Total	Duration
DSC	Paper I Microbial diversity in lower plants	4	4	4	20	80	100	3 Hrs
DSC	Practical	-	3	1	-	-	50	3 Hrs
AECC I	Environmental Sciences	2	2	2	-	-	50	2 Hrs

Semester II

Sem-II	Core Subject	Units	Hours	Credits	Internal	External	Total	Duration
DSC	Paper II Gymnosperms, Taxonomy & Ecology	4	4	4	20	80	100	3 Hrs
DSC	Practicals	-	3	1	-	-	50	3 Hrs
AECC I	Basic Computer Skills	2	2	2	-	-	50	2 Hrs

Semester III

Sem III	Core Subject	Units	Hours	Credits	Internal	External	Total	Duration
DSC	Paper III: Anatomy & Embryology	4	4	4	20	80	100	3 Hrs
DSC	Practicals	-	3	1	-	-	50	3 Hrs
SEC I	A Communication Skills / or B Professional Skills	2	2	2	-	-	50	2 Hrs
SEC II	A Nursery & Gardening / or B Biofertilizers & Organic Farming	2	2	2	-	-	50	2 Hrs

Semester IV

Sem IV	Core Subject	Units	Hours	Credits	Internal	External	Total	Duration
DSC	Paper IV: Cell Biology, Genetics & Ecology	4	4	4	20	80	100	3 Hrs
DSC	Practicals	-	3	1	-	-	50	3 Hrs
SEC III	A Leadership & Management Skills / B Universal Human Values	2	2	2	-	-	50	2 Hrs
SEC IV	A Green House technology / or B Mushroom Culture technology	2	2	2	-	-	50	2 Hrs

[Signature]
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New Malteepally, Hyderabad-01.



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New Mallepally, Hyderabad
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Faculty of Science

Department of Zoology

B. Sc. (B.Z.C., N.Z.C.)

Course Structure in Part - II (2022 - 2023)

S. No.	Year	Sem.	Paper / Title	Teaching Hours / Week	Units	Credits	Marks		
							Internal Assessment	End Semester	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 and Animal Behaviour - Theory	4	4	4	20	80	100
5			Ecology, Zoogeography and Animal Behaviour - Practicals	2	-	1	-	-	50
6			Basic computer skills (AECC-II)	2	2	2	-	-	50

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AnwarulUloom College (Autonomous)
 New Mallepally, 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 (2022 – 2023)

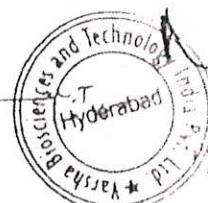
I-SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTRNAL	TOTAL	DURATION
DSC	GENERAL MICROBIOLOGY – I	4	4	4	20	80	100	3 HRS
DSC	PRACTICAL	-	4	2	-	-	50	-
AECC - I	EVS	2	2	2	-	-	50	2 HRS

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

III-SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTRNAL	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	EXTRNAL	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

Head
DR. A. MADHURI
 Head, Department of Microbiology
 Government Degree College For Women
 Begumpet, Hyderabad - 500016
 Department of Microbiology
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 New Mallepally, Hyderabad-01.T.S.



HEAD
 Department of Microbiology
 Anwarul Uloom College
 (Autonomous)
 New Mallepally, Hyderabad-01.

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 2022-23	Paper – I (Theory) Mechanics	6118	4 hours	4
	Mechanics - Lab AECC-I	6118P	2 hours	1
	Environmental Science		2 hours	2
II 2022-23	Paper – II (Theory) Thermal Physics	6218	4 hours	4
	Thermal Physics - Lab AECC-II	6218P	2 hours	1
	Basic Computer Skills		2 hours	2
III 2021-22	Paper – III (Theory) Electromagnetic Theory	6318	4 hours	4
	Electromagnetic Theory - Lab SECC-I	6318P	2 hours	1
	(a) Communication Skills (OR)		2 hours	2
	(b) Professional Skills SECC-II			
	(a) Solar Energy and its Collectors (OR)		2 hours	2
(b) Storage and Utilization of Solar Energy				
IV 2021-22	Paper – IV (Theory) Waves & Optics	6418	4 hours	4
	Optics - Lab SECC-III	6418P	2 hours	1
	(a) Leadership and Management Skills (OR)		2 hours	2
	(b) Universal Human Values (Ethics) SECC-IV			
	(a) Solar Energy (OR)		2 hours	2
(b) Chemical Energy				
V 2020-21	Paper – V (Elective) A: Modern Physics (Theory) ** Elective - I	6518A	4 hours	4
	A: Modern Physics (Lab) (OR)	6518AP	2 hours	1
	B: Computational Physics (Theory) ** Elective - II	6518B	4 hours	4
	B: Computational Physics (Lab) GE-I	6518BP	2 hours	1
	Mechanical Energy		4 hours	4
VI 2020-21	Paper – VI (Elective) A: Electronics (Theory) ** Elective - I	6618A	4 hours	4
	A: Electronics (Lab) (OR)	6618AP	2 hours	1
	B: Applied Optics ** Elective - II	6618B	4 hours	4
	B: Applied Optics (Lab) GE-II	6618BP	2 hours	1
	Geothermal Energy		4 hours	4

HEAD
Department of Physics
Nizam College,
OU Hyd.

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to Osmania University

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

SUBJECT: CHEMISTRY

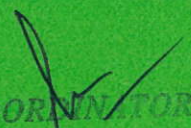
Year	Semester	Course / Paper	Code. No.	Teaching hrs/Week	No. of Credits
I		Paper-I (Theory)	6109	4 Hrs	4
		Paper-II (Practicals)	6109 P	2 Hrs	1
		1 st AECC- I		2 Hrs	1
		Environmental Studies			
II		Paper-II (Theory)	6209	4 Hrs	4
		Paper-II (Practicals)	6209 P	2 Hrs	1
		AECC-II Basic Computer Skills		2 Hrs	
					2
III		Paper-I (Theory)	6309	4 Hrs	4
		Paper-II (Practicals)	6309P	2 Hrs	1
		SECCII: Rules In Chemistry Laboratory	A6309	2 Hrs	1
IV		Paper-IV (Theory)	6409	4 Hrs	4
		Paper-IV (Practicals)	6409P	2 Hrs	1
		SECCIV: Preparation Of Lab Reagents	I6409	2 Hrs	1
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


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New Malleshpally, Hyderabad.


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

SEMESTER – I

ABILITY ENHANCEMENT COMPULSORY COURSE - I

Environmental studies

Credits – 2

Max. Marks: 50
Hours/ week – 2hrs

Unit – I : Ecosystem- Biodiversity & Natural Resources

- Definition - Scope & Importance of Environmental studies
- Structure of Ecosystem – Abiotic & Biotic components Producers - Consumers -Decomposers – Food chain – Food webs - Ecological Pyramids
- Function of an Ecosystem : Energy flow in the Ecosystem (Single channel energy flow model)
- Definition of Biodiversity - Genetics -Species & Ecosystem diversity - Hotspots of Biodiversity -Threats to Biodiversity- Conversion of Biodiversity (Insitu & Exsitu)
- Renewable & Non – renewable resources -Brief account of forest -Mineral & Energy (Solar Energy & Geothermal Energy) resources
- Water Conversion - Rain water harvesting & Watershed Management.

Unit –II: Environmental Pollution - Global Issues & Legislation

- Causes - Effects & control measures of Air Pollution -Water Pollution
- Solid Waste Management
- Global warming & Ozone layer depletion
- Ill effects of Fire works
- Disaster management – floods - earthquakes & Cyclones
- Environmental legislation :-
- Wild Life Protection act (b) Forest Act (c) Water Act (d) Air act
- Human Rights
- Women and Child welfare
- Role of Information technology in environment and human health

FIELD STUDY

- Pond Ecosystem
- Forest Ecosystem

REFERENCES


- Environmental studies –from crisis to cure –by R.Rajagopalan (Third edition) Oxford University Press
- Text book of Environmental studies for undergraduate courses (Second edition) by Erach Bharucha
- A text book of Environmental studies by Dr.D.K.Asthana and Dr . Meera Asthana

Apple
Prof. R. NAGESWAR RAO
M.A., F.D., M.S.
Dept. of Business Management
Osmania University, Hyderabad-07.
21

Sama
Head
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(Autonomous)
(Affiliated to Osmania University)
New Malleshpally, Hyd-01, T.S. India.

[Signature]
COORDINATOR
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New Malleshpally, Hyderabad.

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New Malleshpally, Hyderabad-01.



2-nd
Semester

ANWARUL ULOOM COLLEGE (AUTONOMOUS)

(A Minority Institution Affiliated to Osmania University, Hyderabad)

Accredited by NAAC with 'A' Grade

B.A/B.Com (All Streams) B.Sc (All Streams) & BBA (CBCS)
(W.E.F. 2022-23)

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	4	20	80	100	3 Hrs.
SECC-I	Professional Skills	2	2	2		50	50	2 Hrs.
SECC-II	Different Modes of Writing in English	2	2	2		50	50	2 Hrs.
IV Sem.	English - IV	3	3	4	20	80	100	3 Hrs.
SECC-III	Leadership Management	2	2	2		50	50	2 Hrs.
SECC-IV	Vocabulary in Introduction	2	2	2		50	50	2 Hrs.
V Sem.	English -V	3	3	3	20 (15)	35 (80)	50	2 Hrs. 3 hr
GE-I	LS.R.W. Skills	2	2	2		50	50	2 Hrs.
VI Sem.	English -VI	3	3	3	20 (15)	35 (80)	50	2 Hrs. 3 hr
GE-II	Grammar	2	2	2		50	50	2 Hrs.

Capt. Dr. Kausar Begum Khan

Head Department of English

Anwar Uloom Degree College For Women

Mallepally, Hyderabad, T.S.

COORDINATOR

Internal Quality Assurance Cell

Anwarul Uloom College (Autonomous)

New Mallepally, Hyderabad.

Chairman

Board of Studies

Department of English

PRINCIPAL

Anwarul Uloom College (Autonomous)

New Mallepally, Hyderabad-01.

DR. S. SURESH KRISHNA

PROFESSOR,

DEPT. OF ENGLISH

OSMANIA UNIVERSITY, HYD.-7.


ANWARUL ULOOM COLLEGE, MALLEPALLY , HYDERABAD.TS
 (An Autonomous Muslim Minority Institution Affiliated To Osmania University)
 Bachelor Of Arts, Commerce, Science & Business Administration

DEPARTMENT OF ARABIC (Second Language)
 Under Graduate I , II & III Year (CBCS)
 Approved Syllabus for the Academic Year 2022 – 2023

COURSE STRUCTURE

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

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


 Department of Arabic
 Anwar-ul-Uloom College
 New Mallepally, Hyderabad-500 001
PRINCIPAL
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad-01.

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 Admin

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-I (Urdu Second Language)	4	4	4	20	80	100
2	1 st Year	I	Environmental Science (AECC-I)	2	2	2	-	50	50
3	1 st Year	II	Mutala-e-Adab Part -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 SEC-II						
7	2 nd year	IV	Zauq-e-Adab Part II B	3	3	3	15	35	50
8	2 nd Year	IV	Urdu Sahafat-II SECC III SECC IV	2	2	2	-	50	50

AECC-Ability Enhancement Compulsory Course

SECC-Skill Enhancement Compulsory Course

IDE- Inter Disciplinary Course

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ANWARUL ULOOM COLLEGE (AUTONOMOUS)

A Minority Institution Affiliated to Osmania University, Hyderabad)
Accredited by NAAC with 'A' Grade

B.A (EHP) – ENGLISH LITERATURE (W.E.F. 2022-23)

SEMESTER	SUBJECT TITLE	UNITS	HPW	CREDITS	INTERNAL	EXTERNAL	TOTAL	Duration
I DSC	Introduction to English Language and Literature	5	5	5	20	80	100	3
AECC-I	Environmental Studies	2	2	2		50	50	2
II DSC	English Poetry,	5	5	5	20	80	100	3
AECC-II	Basic Computer Skills	2	2	2		50	50	2
III DSC	English Drama	5	5	5	20	80	100	3
SECC-I	Professional skills	2	2	2		50	50	2
SECC-II	Different Modes of Writing in English	2	2	2		50	50	2
IV	English Fiction	5	5	5	20	80	100	3
SECC-III	Leadership Management	2	2	2		50	50	2
SECC-IV	Vocabulary an Introduction	2	2	2		50	50	2
V DSC	English Discipline Specific Elective(DSE) A. Modern Indian Literature or B. Women's Writing.	5	5	5	20	80	100	3
GE	English Generic Elective(GE) English for Academic and Professional Purposes	4	4	4	20	80	100	3
VI	English Discipline Specific Elective(DSE) A. American Literature B. Contemporary World Literature.	4	4	4	20	80	100	3
English Project Paper/Theory	Project/ Literary Criticism and Theory	4		4		100	100	3

Cap: Dr. Naveen Bogum Khan

Head, Department of English

Anwar Uloom Degree College for Women

New Mallepally, Hyderabad-500048

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Dr. C. MURALIKRISHNA

PROFESSOR,

DEPT. OF ENGLISH

OSMANIA UNIVERSITY, HYD.-7.

PRINCIPAL

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ANWARUL ULOOM COLLEGE (AUTONOMOUS)

A Minority Institution Affiliated to Osmania University, Hyderabad)
Accredited by NAAC with 'A' Grade

B.A (EHP) – ENGLISH LITERATURE (W.E.F. 2022-23)

SEMESTER	SUBJECT TITLE	UNITS	HPW	CREDITS	INTERNAL	EXTERNAL	TOTAL	Duration
I DSC	Introduction to English Language and Literature	5	5	5	20	80	100	3
AECC-I	Environmental Studies	2	2	2		50	50	2
II DSC	English Poetry.	5	5	5	20	80	100	3
AECC-II	Basic Computer Skills	2	2	2		50	50	2
III DSC	English Drama	5	5	5	20	80	100	3
SECC-I	Professional skills	2	2	2		50	50	2
SECC-II	Different Modes of Writing in English	2	2	2		50	50	2
IV	English Fiction	5	5	5	20	80	100	3
SECC-III	Leadership Management	2	2	2		50	50	2
SECC-IV	Vocabulary an Introduction	2	2	2		50	50	2
V DSC	English Discipline Specific Elective(DSE) A. Modern Indian Literature or B. Women's Writing.	5	5	5	20	80	100	3
GE	English Generic Elective(GE) English for Academic and Professional Purposes	4	4	4	20	80	100	3
VI	English Discipline Specific Elective(DSE) A. American Literature B. Contemporary World Literature.	4	4	4	20	80	100	3
English Project Paper/Theory	Project/ Literary Criticism and Theory	4		4		100	100	3

Cap: Dr. Kousar Begum Khan

Head, Department of English
Anwar Uloom Degree College for Women

New Mallepally, Hyderabad-500082

New Mallepally, Hyderabad-500082

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Dr. C. MURALIKRISHNA

PROFESSOR,

DEPT. OF ENGLISH,

OSMANIA UNIVERSITY, HYD.

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ANWARUL ULOOM COLLEGE (Autonomous)

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



Faculty of Social Sciences Department of Psychology

B. A. (English Literature, History & Psychology) (2022 – 23)

Sem./ Paper	ELS (1)	SLS (2)	AEC / SEC 13 (3)	SEC24 / GE / PR (4)	DSC / DSE (5T)	DSC / DSE (5P)	DSC / DSE (6)	DSC / DSE (7)	Total Credits
I	English (First Language) (4HPW)	Second Language (4HPW)	Environmental Science / Basic Computer Skills (2HPW)		DSC (101) (5HPW) General Psychology		(5HPW)	(5HPW)	25
II	English (First Language) (4HPW)	Second Language (4HPW)	Environmental Science / Basic Computer Skills (2HPW)		DSC (201) (5HPW) Personality Theories and Assessment		(5HPW)	(5HPW)	25
III	English (First Language) (3HPW)	Second Language (3HPW)	SEC-1 (2HPW) Life Skills	SEC-2 (2HPW) Psychology in Professional Settings	DSC (301 T) (4HPW) Social Psychology	DSC (301 P) (2HPW) Experimental Psychology	(5HPW)	(5HPW)	25
IV	English (First Language) (3HPW)	Second Language (3HPW)	SEC-3 (2HPW) Stress Management and Well Being	SEC-4 (2HPW) Health Behaviour and Lifestyles	DSC (401 T) (4HPW) Abnormal Psychology	DSC (401 P) (2HPW) Experimentation in Behavioural Phenomena	(5HPW)	(5HPW)	25
V	English (First Language) (3HPW)	Second Language (3HPW)		GE (4HPW) Psychological Competencies	DSC (501 T) (4HPW) (A) Child Psychology (B) Educational Psychology	DSC (501 P) (2HPW) Psychological Testing	(5HPW)	(5HPW)	25
VI	English (First Language) (3HPW)	Second Language (3HPW)		Research in Psychology & Project Work (2 T + 4 R)	DSE (601 T) (4HPW) (A) Adolescent Psychology (B) Health Psychology	DSC (601 P) (2HPW) Psychological Assessment	(5HPW)	(5HPW)	25
Total	20	20	8	12	30		30	30	150
Credits under Non - CGPA			NSS/NCC/Sports/Extra Curricular		Up to 6 (2 in each year)				
			Summer Internship		Up to 4 (2 in each year after I & II Year)				

8/6/22

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New Mallepally, Hyderabad

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

Milofes

Chairperson
Board of Studies in Psychology
Osmania University,
500 007

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 Psychology

B. A. (English Literature, History & Psychology)

(2022 - 23)

Choice Based Credit System Pattern (w. e. f. 2015 - 16)
(Approved Syllabus for the Academic Year 2022 - 23)

Code	Title	HPW	Credits	Exam Hours	Marks
I - Semester					
ELS 1	English (First Language	4	4	2	80 + 20
SLS 1	Second Language	4	4	2	80 + 20
AECC 1	Environmental Science / Basic Computer Skills	2	2	2	50
DSC 101	General Psychology - I	5	5	2	80 + 20
DSC 102	English Literature - I	5	5	2	80 + 20
DSC 103	History - I	5	5	2	80 + 20
	Total	25	25		550
II - Semester					
ELS 2	English (First Language	4	4	2	80 + 20
SLS 2	Second Language	4	4	2	80 + 20
AECC II	Basic Computer Skills / Environmental Science	2	2	2	50
DSC 201	Personality Theories and Assessment	5	5	2	80 + 20
DSC 202	English Literature - II	5	5	2	80 + 20
DSC 203	History - II	5	5	2	80 + 20
	Total	25	25		550
III - Semester					
ELS 3	English (First Language	4	3	2	80 + 20
SLS 3	Second Language	4	3	2	80 + 20
SECC 1	Life Skills	2	2	2	50
SECC 2	Psychology in Profession Settings	2	2	2	50
DSC 301 (T)	Social Psychology	4	4	3	80
DSC 301 (P)	Experimental Psychology	2	2	2	20
DSC 302	English Literature - III	5	5	2	80 + 20
DSC 303	History - III	5	5	2	80 + 20
	Total	28	25		600
IV - Semester					
ELS 4	English (First Language	4	3	2	80 + 20
SLS 4	Second Language	4	3	2	80 + 20
SECC 3	Stress Management and Well Being	2	2	2	50
SECC 4	Health Behaviour and Lifestyles	2	2	2	50

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New Mallepally, Hyderabad-01.

Vol 1



ANWARUL ULOOM COLLEGE (AUTONOMOUS)
 (An Autonomous Muslim Minority Institution)
 New Mallepally, Hyderabad-500001 T.S, India
 (Affiliated to Osmania University)
FACULTY OF SOCIAL SCIENCES
DEPARTMENT OF POLITICAL SCIENCES

B.A (POLITICAL SCIENCE)

PROGRAM STRUCTURE

APPROVED SYLLABUS FOR THE ACADEMIC YEAR (2022-23)

S.NO	YEAR	SEM	PAPER	TITLE	THEORY	EXERCISES	TEACHING HOURS	CREDITS
1	1 ST YEAR	I	I DSC	UNDERSTANDING POLITICAL THEORY	20	80	5	5
2			AECC 1	ENVIRONMENTAL STUDIES		50	2	2
3	1 ST YEAR	II	II DSC	WESTERN POLITICAL THOUGHTS	20	80	5	5
4			AECC 2	BASIC COMPUTER SKILLS		50	2	2
5	2 ND YEAR	III	III DSC	INDIAN POLITICAL THOUGHT	20	80	5	5
6			SECC -I	A. COMMUNICATION SKILLS OR B. PROFESSIONAL SKILLS		50	2	2
			SECC -II	A. EMANCIPATION OF WOMEN OR B. CASTE SYSTEM IN INDIA		50	2	2

CHAIRPERSON
BOARD OF STUDIES
 Department of Political Science
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad-500001 T.S, India

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

50
 Assistant Professor
 Department of Political Science
 Anwarul Uloom College (Autonomous)
 Osmania University, Hyderabad
 New Mallepally, Hyderabad-01.



DEPARTMENT OF ECONOMICS



B.A (EPP)
(APPROVAL OF SYLLABUS FOR THE ACADEMIC YEAR 2022-2023)

YEAR	SEM	PAPER	TITLE	UNITS	THPW	A	ESE	TOTAL	CREDITS	
1	I	I	Micro Economics	5	5	20	80	100	5	
		AECC-I	Environmental Studies	2	2	—	50	50	2	
	II	II	Macro Economics	5	5	20	80	100	5	
		AECC-II	Basic Computer Skills	2	2	—	50	50	2	
	III	III	Statistics For Economics	5	5	20	80	100	5	
		SEC-I	Communication skills	—	2	—	50	50	2	
SEC-I		Professional skills	—	2	—	50	50	2		
2	III	SEC-I	Money and Banking	—	2	—	50	50	2	
		SEC-II	Environmental Economics	—	2	—	50	50	2	
		IV	Indian Economy	5	5	20	80	100	5	
	IV	IV	Leadership and Mgmt.	—	2	—	50	50	2	
		SEC-III	Universal Human Values	—	2	—	50	50	2	
		SEC-IV	Industrial Economics	—	2	—	50	50	2	
3	V	V	Entrepreneurship and Development	5	5	15	35	50	5	
		GE-I	Rural Development Economics	4	2	—	50	50	4	
		VI	International Economics	5	5	15	35	50	5	
	VI	Project Or Additional subject	Financial Economics	4	2	—	50	50	2	
		VI	Project Or Additional subject	Financial Economics	4	2	—	50	50	2
		VI	Project Or Additional subject	Financial Economics	4	2	—	50	50	2

THPW : Teaching Hour per Week, ESE : End Semester Exam, IA: Internal Assessment,
 SEM: Semester.

Chairman

Board of Examiners
 Dept of Economics
 Osmania University
 Hyderabad-500 007

[Signature]

INCIPAL

College (Autonomous)
 Hyderabad-01.

PROGRAMME STRUCTURE

Sl.No	Course Code	Course Title	Sem Exam	IA	Total	HPW	Credits
1	ELS-I	English -I	80	20	100	4Hrs	4
2	SLS-I	Second Language -I	80	20	100	4Hrs	4
3	DSC 101	Principles of Management	80	20	100	5Hrs	5
4	DSC 102	Basics of Marketing	80	20	100	5Hrs	5
5	DSC 103	Business Economics	80	20	100	5Hrs	5
6	AECC -	Environmental Studies	50	-	50	2Hrs	2
		Total				25Hrs	25
7	ELS-II	English -II	80	20	100	4Hrs	4
8	SLS-II	Second Language -II	80	20	100	4Hrs	4
9	DSC 201	Organizational Behaviour	80	20	100	5Hrs	5
10	DSC 202	Business Statistics	80	20	100	5Hrs	5
11	DSC 203	Financial Accounting	80	20	100	5Hrs	5
12	AECC-2	Basic Computer Skills	50	-	50	2Hrs	2
		Total				25Hrs	25
13	ELS-III	English-III	80	20	100	3Hrs	3
14	SLS-III	Second Language -III	80	20	100	3Hrs	3
15	DSC 301	Human Resource Management	80	20	100	5Hrs	5
16	DSC 302	Information Technology For Business	60	20	80	4Hrs	4
17	DSC 302	Information Technology For Business PR	20	-	20	2Hrs	1
18	DSC 303	Financial Management	80	20	100	5Hrs	5
19	SEC-1	a)Communication Skills OR b)Professional Skills	50	-	50	2Hrs	2
20	SEC-2	a) Business Policy and Strategy OR b)Advanced Computer Skills	50	-	50	2Hrs	2
		Total				25Hrs	25
21	ELS-IV	English-IV	80	20	100	3Hrs	3
22	SLS-IV	Second Language -IV	80	20	100	3Hrs	3
23	DSC 401	Business Law and Ethics	80	20	100	5Hrs	5
24	DSC 402	Market Research	80	20	100	5Hrs	5
25	DSC 403	Management Science	80	20	100	5Hrs	5
26	SEC-3	a)Leadership and Management Skills OR b)Universal Human Values	50	-	50	2 Hrs	2
27	SEC-4	a)Start Up Opportunity and Feasibility OR b) Basic Quality Management	50	-	50	2Hrs	2
		Total				25Hrs	25

Notation : CC - Core Courses- ELS: English Language Skill; SLS: Second Language Skill; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; T: Theory; P: Practical; I: Internal Exam.

Note: A student must choose one subject each from SEC 1, SEC 2, SEC 3 and SEC 4 respectively, Syllabus for Skill Enhancement Courses specified by UGC shall be taken from Jeevan Kaushal.

CO-ORDINATOR
Internal Quality Assurance Cell
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad-01
Department of Business Administration
Anwarul Uloom College
(Autonomous)
(Affiliated to Osmania University)
New Mallepally, Hyd-01, T.S. India.

Prof. R. NAAGESWAR RAO
MBA, Ph.D. UGC
Dept. of Business Management
Osmania University, Hyderabad-07.

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

STRUCTURE OF B.B.M DEGREE PROGRAMME w.e.f. ACADEMIC YEAR 2022 onwards

**FIRST YEAR
SEMESTER-I:**

Sl No	Paper Code	Course Title	Course Code	Sem Exam	IA	Total	HPW	Credits
1	ELS-I	English - I	ELS-I	80	20	100	4Hrs	4
2	SLS-I	Second Language - I	SLS-I	80	20	100	4Hrs	4
3	BBM101	Principles of Management	DSC-1	80	20	100	5Hrs	5
4	BBM102	Financial Accounting	DSC-2	80	20	100	5Hrs	5
5	BBM103	Business Economics	DSC-3	80	20	100	5Hrs	5
6	AECC I	Environmental Studies	AECC-I	50	-	50	2Hrs	2
		Total					25Hrs	25

SEMESTER - II

7	ELS-II	English - II	ELS-II	80	20	100	4Hrs	4
8	SLS-II	Second Language - II	SLS-II	80	20	100	4Hrs	4
9	BBM 201	Fundamentals of Marketing	DSC-4	80	20	100	5Hrs	5
10	BBM 202	Business Statistics	DSC-5	80	20	100	5Hrs	5
11	BBM 203	Business Correspondence and Communication	DSC-6	80	20	100	5Hrs	5
12	AECC II	Basic Computer Skills	AECC-II	50	-	50	2Hrs	2
		Total					25Hrs	25

SEMESTER - III

13	ELS-III	English-III	ELS-III	80	20	100	3Hrs	3
14	SLS-III	Second Language - III	SLS-III	80	20	100	3Hrs	3
15	BBM 301	Human Resource Management	DSC-7	80	20	100	5Hrs	5
16	BBM 302	Information Technology For Business	DSC-8	60	20	80	4Hrs	4
17	BBM 302 PR	Information Technology For Business - PR	DSC-8PR	20PR	-	20	2 Hrs	1
18	BBM 303	Accounting for Management	DSC-9	80	20	100	5Hrs	5
19	SEC-1	a) Communication Skills (OR) b) Professional Skills	SEC-1	50	-	50	2Hrs	2
20	SEC-2	a) Business Policy and Strategy (OR) b) Advanced Computer Skills	SEC-2	50	-	50	2Hrs	2
		Total					26Hrs	25

SEMESTER - IV

21	ELS-IV	English-IV	ELS-IV	80	20	100	3Hrs	3
22	SLS-IV	Second Language - IV	SLS-IV	80	20	100	3Hrs	3
23	BBM401	Business Law and Ethics	DSC-10	80	20	100	5Hrs	5
24	BBM 402	Digital Marketing	DSC-11	80	20	100	5Hrs	5
25	BBM403	Financial Management	DSC-12	80	20	100	5Hrs	5
26	SEC-3	a) Leadership and Management Skills (OR) b) Universal Human Values	SEC-3	50	-	50	2Hrs	2
27	SEC -4	a) Start up Opportunity and Feasibility (OR) b) Basic Quality Management	SEC-4	50	-	50	2Hrs	2
		Total					25	25

OSMANIA UNIVERSITY
B.COM
CBCS COURSE STRUCTURE
w.e.f. 2019-'20

Sl.No.	Code	Course Title	HPW	Credits	Exam Hrs	Marks
(1)	(2)	(3)	(5)	(6)	(7)	(8)
SEMESTER – I						
1.	ELS1	English (First Language)	4	4		
2.	SLS1	Second Language	4	4		
3.	AECC1	a) Environmental Science/ b) Basic Computer Skills	2	2		
4.	DSC101	Financial Accounting-I	5	5	3 hrs	80U+20I
5.	DSC102	Business Organization and Management	5	5	3 hrs	80U+20I
6.	DSC103	Foreign Trade	5	5	3 hrs	80U+20I
		Total	25	25		
SEMESTER – II						
7.	ELS2	English (First Language)	4	4		
8.	SLS2	Second Language	4	4		
9.	AECC2	a) Basic Computer Skills/ b) Environmental Science	2	2		
10.	DSC201	Financial Accounting-II	5	5	3 hrs	80U+20I
11.	DSC202	Business Laws	5	5	3 hrs	80U+20I
12.	DSC203	Banking and Financial Services	5	5	3 hrs	80U+20I
		Total	25	25		
SEMESTER – III						
13.	ELS3	English (First Language)	3	3		
14.	SLS3	Second Language	3	3		
15.	SEC1 UGC Specified Course	Communication Skills Professional Skills	2	2	1 ½ hrs	40U+10I
16.	SEC2 Dept. t. Specified Course	a) Principles of Insurance/ b) Foundation of Digital Marketing & Web Design	2	2	1 ½ hrs	40U+10I
17.	DSC301	Advanced Accounting	5	5	3 hrs	80U+20I
18.	DSC302	Business Statistics-I	5	5	3 hrs	80U+20I
19.	DSC303	Financial Institutions and Markets	5	5	3 hrs	80U+20I
		Total	25	25		
SEMESTER – IV						
20.	ELS4	English (First Language)	3	3		
21.	SLS4	Second Language	3	3		
22.	SEC3 UGC Specified Course	Leadership & Management Skills Universal Human Values	2	2	1 ½ hrs	40U+10I
23.	SEC4 Dept Specified Course	a) Practice of Life and General Insurance / b) Social Media Marketing Search Engine Optimization & Online Advertising	2	2	1 ½ hrs	40U+10I
24.	DSC401	Income Tax	5	5	3 hrs	80U+20I
25.	DSC402	Business Statistics-II	5	5	3 hrs	80U+20I
26.	DSC403	Corporate Accounting	5	5	3 hrs	80U+20I
		Total	25	25		

Osmania
Dean
Faculty of Commerce
Osmania University,
Hyderabad - 500 007

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Internal Quality Assurance Cell
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New Mallepally, Hyderabad.

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

BOARD OF STUDIES IN COMMERCE
ANWAR UL-ULOOM COLLEGE
HYDERABAD-50001., T.S.

ANWAR UL ULOOM COLLEGE
(An Autonomous Muslim Minority Institution, Affiliated to Osmania University)
New 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- 2022-23)	I	Paper - I (Theory) Programming in C	6110	4		20	80	100	4
		Paper - I (C-LAB)	6110P		3		50	50	1
		AECC-I - ENV. STUDS.	A6110	2			50	50	2
	II	Paper - II (Theory) Programming in C++	6210	4		20	80	100	4
		Paper -II (C++-LAB)	6210P		3		50	50	1
		AECC-II (Basic Comp Skills)	A6210	2			50	50	2
B.Sc. Second Year (Batch- 2021 -22)	III	Paper -III (Theory) Data Structures	6310	4		20	80	100	4
		Paper -III (DS -LAB)	P6310		3		50	50	1
		SECC-I - CS (OR) PS	6310A1	2			50	50	2
		SECC-II - Python-I	6310A2	2			50	50	2
	IV	Paper -IV (Theory) DBMS	6410	4		20	80	100	4
		Paper -IV(DBMS- LAB)	6410P		3		50	50	1
		SECC-III- LMS (OR) (UHV)	A6410	2			50	50	2
		SECC-IV- Python-II	A6410	2			50	50	2
B.Sc. Third Year (Batch- 2020-21)	V	Paper -V (Theory) Programming in JAVA	6510	4		15	35	35	4
		Paper -V-(Practical)	6510P		3		25	25	1
		GE-II - INFO. TECH.-I	G6510	2			50	50	2
	VI	Paper -VI (Theory) Web Technology	6610	4		15	35	50	4
		Paper -VI (Practical)	6610P		3		25	25	1
		PROJECT/OPTIONAL PHP WITH MY SQL	P/O	3			15	35	3
		PHP (Practical)			3		25	25	1
		GE-II - INFO. TECH.-II	G6610	2			50	50	2

Note: Student Project Details – Maximum 50 Marks Minimum 20Marks
Credits – 04 Group size: Maximum 4 members group

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COMPUTER SCIENCE
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New Mallepally, Hyderabad-1

Head
Computer Science & Engineering
& Engineering (A)

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

Anwarul Uloom College (Autonomous)

Department of Biotechnology

B. Sc (Bt. M.C)

Subject: **BIOTECHNOLOGY (2022 - 2023)**

Sl. No.	Year	Sem	Paper / Title	Teaching Hours /Week	Units	Credits	Marks			
							Internal Assessment	Semester	Total	
1	2022 - 2023	I	Cell Biology & Genetics –Theory	4	4	4	20	80	100	
2			Cell biology & Genetics –Practical	2	-	1	-	50	50	
3			Environmental science (AECC-I)	2	-	2	-	50	50	
4		II	Nucleic acids & Biochemistry Theory	4	4	4	20	80	100	
5			Nucleic Acids & Biochemistry –Practical	2	-	1	-	50	50	
6			Basic Computer Skills (AECC-II)	2	-	2	-	50	50	
7	2021 - 2022	II	Molecular biology & rDna Technology -- Theory	4	4	4	20	80	100	
8			Molecular biology & rDna Technology -- Practical	2	-	1	-	50	50	
9		III	SEC- I A) Communication Skills Or B) Professional Skills	2	-	2	-	50	50	
10			SEC – II A) Industrial fermentation Or B) Immunological techniques	2	2	2	-	50	50	
11				IV	Biostatistics & Bioinformatics Theory	4	4	4	20	80
12			Biostatistics & Bioinformatics Practical		2	-	1	-	50	50
13		IV	SEC- III A) Leadership & Management Skills Or B) Universal Human Values	2	-	2	-	50	50	
14			SEC- IV A) Molecular markers in plant breeding Or B) Drug designing	2	2	2	-	50	50	
15		2020 - 2021	V	Elective – A Plant biotechnology- Theory	4	4	4	15	35	50
16				Elective – B Medical biotechnology - Theory	4	4	4	15	35	50
17	Elective – A Plant biotechnology – Practical			2	-	1	-	25	25	
18	VI		Elective – B Medical biotechnology – Practical	2	-	1	-	25	25	
19			Basics in biotechnology – (GE- I)	4	4	4	-	50	50	
20			Elective – A - Animal biotechnology -- Theory	4	4	4	15	35	50	
21	VI	Elective – B - Environmental biotechnology - Theory	4	4	4	15	35	50		
22		Elective – A Animal biotechnology – Practical	2	-	1	-	25	25		
23		Elective – B Environmental biotechnology –Practical	2	-	1	-	25	25		
24	2020 - 2021	VI	Research methodology/ project	-	-	4	-	100	100	

AECC – Ability Enhancement Compulsory Course

SEC – Skill Enhancement Compulsory Course

GE – Generic Electives

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

Dr. S. C. Pawar
Head of the Department
CHAIRPERSON
BOARD OF STUDIES
 Department of Biotechnology
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad.



Anwarul Uloom College
 Autonomous & Accredited 'A' Grade by NAAC
 Affiliated to Osmania University
 New Mallepally, Hyderabad - 500001



FACULTY OF SCIENCE
DEPARTMENT OF MATHEMATICS

B.Sc (MPCs, MECs, MPE, MPC)

COURSE STRUCTURE

Approved syllabus for the academic year: 2022-23

S.NO	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

COORDINATOR

Head

Department of Mathematics
 Anwarul Uloom College
 New Mallepally, Hyderabad.

Head

Department of Mathematics
 Osmania University
 Hyderabad-500 007.

PRINCIPAL

Anwarul Uloom College (Autonomous) 1/4
 New Mallepally, Hyderabad-01.

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

Course Structure (2022-2023)

SN.O.	YEAR	SEM.	PAPER/TITLE	Teaching hours/week	Units	Credits	Marks		
							Internal Assessment	End Semester	Total
1	1st Year 22-23	I	Introduction to Foods & Nutrition	4	4	4	20	80	100
2			Introduction to Foods & Nutrition (Practical's)	2	-	1	-	50	50
3			Environmental Science (AECC-I)	2	-	2	-	50	50
4	1st Year 22-23	II	Nutritional Biochemistry and Human Physiology	4	4	4	20	80	100
5			Nutritional Biochemistry and Human Physiology (Practical)	2	-	1	-	50	50
6			Basic Computer Skills (AECC-II)	2	-	2	-	50	50
7	2nd Year 22-23	III	Normal Therapeutic Nutrition-Theory	4	4	4	20	80	100
8			Normal And Therapeutic Nutrition-Practical	2	-	1	-	50	50
			Communication skills(SECC-I) or	2	-	2	-	50	50
			Professional Skills(SECC-I)	"	"	"	-	"	"
9			Food Service Management (SECC-II) or	2	2	2	-	50	50
			Bakery Science (SECC-II)	"	"	"			
10	2nd Year 22-23	IV	Diet In Disease- Theory	4	4	4	20	80	100
11			Diet In Disease - Practical	2	-	1	-	50	50

SUJANA STEPHEN P
 HOD NUTRITION DEPT.
 YASHODA HOSPITAL
 Malakpet, Hyderabad
 Head
 Department of Applied Nutrition
 Sarojini Naidu Vanita Maha Vidyalaya
 Dept. of Nutrition & Dietetics
 ANWARUL-ULOOM COLLEGE
 New Mallepally, Hyderabad.
 Telangana-500 001.

Dr. P. Ashlesha
 HEAD
 Dept. of Food and Nutrition
 Univ. of Hyderabad
 Koushika Bhavan-095.

COORDINATOR
 Internal Quality Assurance Cell
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 New Mallepally, Hyderabad.

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



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New Mallepally, Hyderabad
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Faculty of Science

Department of Zoology

B. Sc. (B.Z.C., N.Z.C.)

Course Structure in Part - II (2022 - 2023)

S. No.	Year	Sem.	Paper / Title	Teaching Hours / Week	Units	Credits	Marks		
							Internal Assessment	End Semester	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 and Animal Behaviour - Theory	4	4	4	20	80	100
5			Ecology, Zoogeography and Animal Behaviour - Practicals	2	-	1	-	-	50
6			Basic computer skills (AECC-II)	2	2	2	-	-	50

COORDINATOR

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New Mallepally, Hyderabad.

PRINCIPAL

Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad-51.

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AnwarulUloom College (Autonomous)
 New Mallepally, 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 (2022 – 2023)

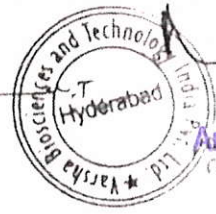
I- SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTRNAL	TOTAL	DURATION
DSC	GENERAL MICROBIOLOGY – I	4	4	4	20	80	100	3 HRS
DSC	PRACTICAL	-	4	2	-	-	50	-
AECC - I	EVS	2	2	2	-	-	50	2 HRS

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

III- SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTRNAL	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	EXTRNAL	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

Handwritten signature
DR. A. MADHURI
 Head, Department of Microbiology
 Government Degree College For Women
 Begumpet, Hyderabad - 500016
 Internal Quality Head
 Department of Microbiology
 Anwarul Uloom College (Autonomous)
 Affiliated to Osmania University
 New Mallepally, Hyderabad-01.T.S.



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

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 2022-23	Paper – I (Theory) Mechanics	6118	4 hours	4
	Mechanics - Lab AECC-I	6118P	2 hours	1
	Environmental Science		2 hours	2
II 2022-23	Paper – II (Theory) Thermal Physics	6218	4 hours	4
	Thermal Physics - Lab AECC-II	6218P	2 hours	1
	Basic Computer Skills		2 hours	2
III 2021-22	Paper – III (Theory) Electromagnetic Theory	6318	4 hours	4
	Electromagnetic Theory - Lab SECC-I	6318P	2 hours	1
	(a) Communication Skills (OR)		2 hours	2
	(b) Professional Skills SECC-II			
	(a) Solar Energy and its Collectors (OR)		2 hours	2
(b) Storage and Utilization of Solar Energy				
IV 2021-22	Paper – IV (Theory) Waves & Optics	6418	4 hours	4
	Optics - Lab SECC-III	6418P	2 hours	1
	(a) Leadership and Management Skills (OR)		2 hours	2
	(b) Universal Human Values (Ethics) SECC-IV			
	(a) Solar Energy (OR)		2 hours	2
(b) Chemical Energy				
V 2020-21	Paper – V (Elective) A: Modern Physics (Theory) ** Elective - I	6518A	4 hours	4
	A: Modern Physics (Lab) (OR)	6518AP	2 hours	1
	B: Computational Physics (Theory) ** Elective - II	6518B	4 hours	4
	B: Computational Physics (Lab) GE-I	6518BP	2 hours	1
	Mechanical Energy		4 hours	4
VI 2020-21	Paper – VI (Elective) A: Electronics (Theory) ** Elective - I	6618A	4 hours	4
	A: Electronics (Lab) (OR)	6618AP	2 hours	1
	B: Applied Optics ** Elective - II	6618B	4 hours	4
	B: Applied Optics (Lab) GE-II	6618BP	2 hours	1
	Geothermal Energy		4 hours	4

HEAD
Department of Physics
Nizam College,
New Mallespally, Hyderabad.

COORDINATOR
Department of Physics
Nizam College,
New Mallespally, Hyderabad.

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

New
Affiliated



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Mallepally, Hyderabad
to Osmania University
(Re-Accredited with NAAC with "A" - Grade)



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	Paper-I (Theory)	6109	4 Hrs	4
		Paper-II (Practicals)	6109 P	2 Hrs	1
		1 st AECC- I		2 Hrs	1
		Environmental Studies			
	II	Paper-II (Theory)	5209	4 Hrs	4
		Paper-II (Practicals)	5209 P	2 Hrs	1
		AECC-II Basic Computer Skills		2 Hrs	2
	III	Paper-I (Theory)	6309	4 Hrs	4
		Paper-II (Practicals)	6309P	2 Hrs	1
		SECCII: Rules In Chemistry Laboratory	A6309	2 Hrs	1
	IV	Paper-IV (Theory)	6409	4 Hrs	4
		Paper-IV (Practicals)	6409P	2 Hrs	1
		SECCIV: Preparation Of Lab Reagents	16409	2 Hrs	1
	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

COORDINATOR

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New Mallepally, Hyderabad.

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New Mallepally, Hyderabad-01.

Semester – II
ABILITY ENHANCEMENT COMPULSORY COURSE – II
BASIC COMPUTER SKILLS

Paper Code: AECC-2
Credits:2

Max. Marks: 50
Hours/ week: 2 hrs

Course Objectives:

- CO1: To enable students to understand basic computer concepts related to day-to-day environment.
CO2: To know the different input and output devices that makes a computer operational.
CO3: To understand Information systems and Word processors.

Course Outcomes:

Upon the Completion of the course- students will be able to:

- CO1: Identify basic terms- concepts- and functions of computer system components.
CO2: Select and use the appropriate software application to complete a Particular task such as Word- Processing skills to create- save- and modify business documents.
CO3: Identify basic concepts and procedures for creating- viewing- and managing files- and folders for different operating systems.
CO4: Identify basic concepts of organization and procedures for creating and viewing will software presentation such as PowerPoint.

UNIT -1 UNDERSTANDING OF COMPUTER AND WORDS PROCESSING.

Knowing Computer: What is Computer Unit (CPU)-V D U - Keyboard and mouse. other in input /output devices. Central memory -concept of hardware and software concept of computing -Data and information -Application of IECT -connecting keywords -mouse monitor and printer to CPU and checking power supply.

OPERATING COMPUTER USING GUI BASED OPERATING SYSTEM:

What is an operating system - Basic of popular operating system the user interface- Using Mouse .Using right bottom of the mouse and moving Icon on the screen .use of Common Icon. Status bar-Using Menu and menu selection- Running an application- viewing of file- folders and directories creating and renaming of file and folders. operating and closing of different Windows . using help Creating Short cut .Basics of operating system set-up Common utilities.

UNDERSTANDING WORLD PROCESSING: WORLD PROCESSING BASICS:

Opening and closing of Document. Text creation and manipulation- formatting of text- Table handling- spell Check - language setting and thesaurus -printing of word document.


UNIT: II SPREAD SHEET- PRESENTATION SOFTWARE AND INTRODUCTION TO INTERNET WWW AND WEB BROWSERS:

Using Spread Sheet : Basics of spread sheet- Manipulation of cells. Formulas and Functions . Editing of Spread Sheet - Printing of Spread sheet

Basic of Presentation Software: creating presentation - preparation and presentation slides . Slide show. Taking printout of presentation / handouts.

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New Mallepally, Hyderabad-01.



3rd Semester

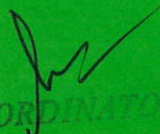

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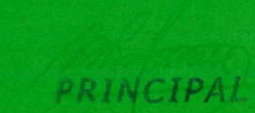
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New Mallepally, Hyderabad.


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New Mallepally, Hyderabad-01.

STRUCTURES


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


PRINCIPAL
Anwarul Uloom College (Autonomous)
New Malleshpally, Hyderabad-501.

ANWARUL ULOOM COLLEGE (AUTONOMOUS)

(A Minority Institution Affiliated to Osmania University, Hyderabad)

Accredited by NAAC with 'A' Grade

B.A/B.Com (All Streams) B.Sc (All Streams) & BBA (CBCS)
(W.E.F. 2022-23)

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	4	20	80	100	3 Hrs.
SECC-I	Professional Skills	2	2	2		50	50	2 Hrs.
SECC-II	Different Modes of Writing in English	2	2	2		50	50	2 Hrs.
IV Sem.	English - IV	3	3	4	20	80	100	3 Hrs.
SECC-III	Leadership Management	2	2	2		50	50	2 Hrs.
SECC-IV	Vocabulary in Introduction	2	2	2		50	50	2 Hrs.
V Sem.	English -V	3	3	3	20 (15)	35 (30)	50	2 Hrs. 3 hr
GE-I	LS.R.W. Skills	2	2	2		50	50	2 Hrs.
VI Sem.	English -VI	3	3	3	20 (15)	35 (30)	50	2 Hrs. 3 hr
GE-II	Grammar	2	2	2		50	50	2 Hrs.

Capt. Dr. Kausar Begum Khan

Head Department of English

Anwar Uloom Degree College For Women

Mallepally, Hyderabad-T.S.

COORDINATOR

Internal Quality Assurance Cell

Anwarul Uloom College (Autonomous)

New Mallepally, Hyderabad.

Chairman

Board of Studies

Department of English

PRINCIPAL

Anwarul Uloom College (Autonomous)

New Mallepally, Hyderabad-01.

DR. C. MURALAKRISHNA

PROFESSOR,

DEPT. OF ENGLISH

OSMANIA UNIVERSITY, HYD.-7.

ANWARUL ULOOM COLLEGE, MALLEPALLY , HYDERABAD.TS
 (An Autonomous Muslim Minority Institution Affiliated To Osmania University)
 Bachelor Of Arts, Commerce, Science & Business Administration

DEPARTMENT OF ARABIC (Second Language)

Under Graduate I , II & III Year (CBCS)

Approved Syllabus for the Academic Year 2022 – 2023

COURSE STRUCTURE

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

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

Department of Arabic
 Anwar-ul-Uloom College
 New Mallepally, Hyderabad-500 001
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 New Mallepally, Hyderabad-01.

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 SEC-II						
7	2 nd year	IV	Zauq-e-Adab Part II B	3	3	3	15	35	50
8	2 nd Year	IV	Urdu Sahafat-II SECC III SECC IV	2	2	2	-	50	50

AECC-Ability Enhancement Compulsory Course

SECC-Skill Enhancement Compulsory Course

IDE- Inter Disciplinary Course

COORDINATOR

Internal Quality Assurance Cell

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New Mallepally, Hyderabad.

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

ANWARUL ULOOM COLLEGE (AUTONOMOUS)

A Minority Institution Affiliated to Osmania University, Hyderabad)
Accredited by NAAC with 'A' Grade

B.A (EHP) – ENGLISH LITERATURE (W.E.F. 2022-23)

SEMESTER	SUBJECT TITLE	UNITS	HPW	CREDITS	INTERNAL	EXTERNAL	TOTAL	Duration
I DSC	Introduction to English Language and Literature	5	5	5	20	80	100	3
AECC-I	Environmental Studies	2	2	2		50	50	2
II DSC	English Poetry,	5	5	5	20	80	100	3
AECC-II	Basic Computer Skills	2	2	2		50	50	2
III DSC	English Drama	5	5	5	20	80	100	3
SECC-I	Professional skills	2	2	2		50	50	2
SECC-II	Different Modes of Writing in English	2	2	2		50	50	2
IV	English Fiction	5	5	5	20	80	100	3
SECC-III	Leadership Management	2	2	2		50	50	2
SECC-IV	Vocabulary an Introduction	2	2	2		50	50	2
V DSC	English Discipline Specific Elective(DSE) A. Modern Indian Literature or B. Women's Writing.	5	5	5	20	80	100	3
GE	English Generic Elective(GE) English for Academic and Professional Purposes	4	4	4	20	80	100	3
VI	English Discipline Specific Elective(DSE) A. American Literature B. Contemporary World Literature.	4	4	4	20	80	100	3
English Project Paper/Theory	Project/ Literary Criticism and Theory	4		4		100	100	3

Cap & Dr. Kauser Begum Khan

Head of Department, English
Anwar Uloom College for Women
New Mallepally, Hyderabad-01

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Dr. C. MURALIKRISHNA

PROFESSOR,
DEPT. OF ENGLISH
OSMANIA UNIVERSITY, HYD.-7

Anwarul Uloom
New Mallepally, Hyderabad

Anwarul Uloom
New Mallepally, Hyderabad-01.

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 Psychology

B. A. (English Literature, History & Psychology) (2022 - 23)

Sem./ Paper	ELS (1)	SLS (2)	AEC / SEC 13 (3)	SEC24 / GE / PR (4)	DSC / DSE (5T)	DSC / DSE (5P)	DSC / DSE (6)	DSC / DSE (7)	Total Credits
I	English (First Language) (4HPW)	Second Language (4HPW)	Environmental Science / Basic Computer Skills (2HPW)		DSC (101) (5HPW) General Psychology		(6HPW)	(6HPW)	25
II	English (First Language) (4HPW)	Second Language (4HPW)	Environmental Science / Basic Computer Skills (2HPW)		DSC (201) (5HPW) Personality Theories and Assessment		(5HPW)	(5HPW)	25
III	English (First Language) (3HPW)	Second Language (3HPW)	SEC-1 (2HPW) Life Skills	SEC-2 (2HPW) Psychology in Professional Settings	DSC (301 T) (4HPW) Social Psychology	DSC (301 P) (2HPW) Experimental Psychology	(6HPW)	(6HPW)	25
IV	English (First Language) (3HPW)	Second Language (3HPW)	SEC-3 (2HPW) Stress Management and Well Being	SEC-4 (2HPW) Health Behaviour and Lifestyles	DSC (401 T) (4HPW) Abnormal Psychology	DSC (401 P) (2HPW) Experimentation in Behavioural Phenomena	(6HPW)	(5HPW)	25
V	English (First Language) (3HPW)	Second Language (3HPW)		GE (4HPW) Psychological Competencies	DSC (501 T) (4HPW) (A) Child Psychology (B) Educational Psychology	DSC (501 P) (2HPW) Psychological Testing	(6HPW)	(6HPW)	25
VI	English (First Language) (3HPW)	Second Language (3HPW)		Research in Psychology & Project Work (2 T + 4 R)	DSE (601 T) (4HPW) (A) Adolescent Psychology (B) Health Psychology	DSC (601 P) (2HPW) Psychological Assessment	(6HPW)	(6HPW)	25
Total	20	20	8	12	30		30	30	150
Credits under Non - CGPA			NSS/NCC/Sports/Extra Curricular		Up to 6 (2 in each year)				
			Summer Internship		Up to 4 (2 in each year) I & II Year				

COORDINATOR
Internal Quality Assurance Cell

Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad.

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

8/6/22
Chairperson
Board of Studies in Psychology
Osmania University,
500 007

Signature



ANWARUL ULOOM COLLEGE (AUTONOMOUS)
(An Autonomous Muslim Minority Institution)
New Mallepally, Hyderabad-500001 T.S, India
(Affiliated to Osmania University)
FACULTY OF SOCIAL SCIENCES
DEPARTMENT OF POLITICAL SCIENCES

B.A (POLITICAL SCIENCE)

PROGRAM STRUCTURE

APPROVED SYLLABUS FOR THE ACADEMIC YEAR (2022-23)

S.N	YEA R	SE M	PAPE R	TITLE	I A	E S E	TEACHIN G HOURS	CREDI T
1	IST YEA R	I	I DSC	UNDERSTANDING POLITICAL THEORY	2 0	8 0	5	5
2			AECC 1	ENVIRONMENTAL STUDIES		5 0	2	2
3	1 ST YEA R	II	II DSC	WESTERN POLITICAL THOUGHTS	2 0	8 0	5	5
4			AECC 2	BASIC COMPUTER SKILLS		5 0	2	2
5	2 ND VEA R 2021- 22	III	III DSC	INDIAN POLITICAL THOUGHT	2 0	8 0	5	5
6			SECC -I	A. COMMUNICATIO N SKILLS OR B. PROFESSIONAL SKILLS		5 0 5 0	2 2	2 2
			SECC -II	A. EMANCIPATION OF WOMEN OR B. CASTE SYSTEM IN INDIA				

CHAIRPERSON
BOARD OF STUDIES
Department of Political Science
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad, 500001 T.S

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

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PRINCIPAL
Assistant Professor
Anwarul Uloom College (Autonomous)
New Mallepally, Department of Political Science
Osmania University, Hyderabad



DEPARTMENT OF ECONOMICS

B.A (EPP)
B.A (EPP)

(APPROVAL OF SYLLABUS FOR THE ACADEMIC YEAR 2022-2023)

YEAR	SEM	PAPER	TITLE	UNITS	THPW	A	ESE	TOTAL	CREDITS
1	I	I	Micro Economics	5	5	20	80	100	5
			Environmental Studies	2	2	—	50	50	2
	II	II	Macro Economics	5	5	20	80	100	5
			Basic Computer Skills	2	2	—	50	50	2
	III	III	Statistics For Economics	5	5	20	80	100	5
			Communication skills	—	2	—	50	50	2
Professional skills			—	2	—	50	50	2	
2	III	SEC-I	Money and Banking	—	2	—	50	50	2
			Environmental Economics	—	2	—	50	50	2
			Indian Economy	5	5	20	80	100	5
	IV	SEC-II	Leadership and Mgmt.	—	2	—	50	50	2
			Universal Human Values	—	2	—	50	50	2
			Industrial Economics	—	2	—	50	50	2
V	SEC-III	Entrepreneurship and Development	5	5	15	35	50	5	
		Development Economics	5	5	15	35	50	5	
		Rural Development	4	2	—	50	50	4	
VI	SEC-IV	International Economics	5	5	15	35	50	5	
		Project Or Additional subject	4	2	—	50	50	2	
		Financial Economics	4	2	—	50	50	2	

THPW : Teaching Hour per Week, ESE : End Semester Exam, IA: Internal Assessment, SEM: Semester.

Chairman

Board of Studies
Dept of Economics
Osmania University
Hyderabad-500 007

Autonomous
Hyderabad-01.

Anwar
Inter

PROGRAMME STRUCTURE

Sl.No	Course Code	Course Title	Sem Exam	IA	Total	HPW	Credits
1	ELS-I	English -I	80	20	100	4Hrs	4
2	SLS-I	Second Language -I	80	20	100	4Hrs	4
3	DSC 101	Principles of Management	80	20	100	5Hrs	5
4	DSC 102	Basics of Marketing	80	20	100	5Hrs	5
5	DSC 103	Business Economics	80	20	100	5Hrs	5
6	AECC -	Environmental Studies	50	-	50	2Hrs	2
		Total				25Hrs	25
7	ELS-II	English -II	80	20	100	4Hrs	4
8	SLS-II	Second Language -II	80	20	100	4Hrs	4
9	DSC 201	Organizational Behaviour	80	20	100	5Hrs	5
10	DSC 202	Business Statistics	80	20	100	5Hrs	5
11	DSC 203	Financial Accounting	80	20	100	5Hrs	5
12	AECC-2	Basic Computer Skills	50	-	50	2Hrs	2
		Total				25Hrs	25
13	ELS-III	English-III	80	20	100	3Hrs	3
14	SLS-III	Second Language -III	80	20	100	3Hrs	3
15	DSC 301	Human Resource Management	80	20	100	5Hrs	5
16	DSC 302	Information Technology For Business	60	20	80	4Hrs	4
17	DSC 302	Information Technology For Business PR	20	-	20	2Hrs	1
18	DSC 303	Financial Management	80	20	100	5Hrs	5
19	SEC-1	a)Communication Skills OR b)Professional Skills	50	-	50	2Hrs	2
20	SEC-2	a) Business Policy and Strategy OR b)Advanced Computer Skills	50	-	50	2Hrs	2
		Total				25Hrs	25
21	ELS-IV	English-IV	80	20	100	3Hrs	3
22	SLS-IV	Second Language -IV	80	20	100	3Hrs	3
23	DSC 401	Business Law and Ethics	80	20	100	5Hrs	5
24	DSC 402	Market Research	80	20	100	5Hrs	5
25	DSC 403	Management Science	80	20	100	5Hrs	5
26	SEC-3	a)Leadership and Management Skills OR b)Universal Human Values	50	-	50	2 Hrs	2
27	SEC-4	a)Start Up Opportunity and Feasibility OR b) Basic Quality Management	50	-	50	2Hrs	2
		Total				25Hrs	25

Notation : CC – Core Courses- ELS: English Language Skill; SLS: Second Language Skill; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; T: Theory; P: Practical; I: Internal Exam

Note: A student must choose one subject each from SEC 1, SEC 2, SEC 3, and SEC 4 respectively. Syllabus for Skill Enhancement Courses specified by UGC shall be taken from Jeevan Kaushal.

Internal Quality Assurance
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad-500046
Department of Business Administration
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad-500046
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Arwarul Uloom College (Autonomous)
New Mallepally, Hyderabad-500046
Prof. R. NAGESWAR RAO
Dept. of Business Management
Osmania University, Hyderabad-500075

(Affiliated to Osmania University)
New Mallepally, Hyd-01, T.S. India.

STRUCTURE OF B.B.M DEGREE PROGRAMME w.e.f. ACADEMIC YEAR 2022 onwards

FIRST YEAR

SEMESTER-I:

Sl No	Paper Code	Course Title	Course Code	Sem Exam	IA	Total	HPW	Credits
1	ELS-I	English - I	ELS-I	80	20	100	4Hrs	4
2	SLS-I	Second Language - I	SLS-I	80	20	100	4Hrs	4
3	BBM101	Principles of Management	DSC-1	80	20	100	5Hrs	5
4	BBM102	Financial Accounting	DSC-2	80	20	100	5Hrs	5
5	BBM103	Business Economics	DSC-3	80	20	100	5Hrs	5
6	AECC-I	Environmental Studies	AECC-I	50	-	50	2Hrs	2
		Total					25Hrs	25

SEMESTER - II

7	ELS-II	English - II	ELS-II	80	20	100	4Hrs	4
8	SLS-II	Second Language - II	SLS-II	80	20	100	4Hrs	4
9	BBM 201	Fundamentals of Marketing	DSC-4	80	20	100	5Hrs	5
10	BBM 202	Business Statistics	DSC-5	80	20	100	5Hrs	5
11	BBM 203	Business Correspondence and Communication	DSC-6	80	20	100	5Hrs	5
12	AECC-II	Basic Computer Skills	AECC-II	50	-	50	2Hrs	2
		Total					25Hrs	25

SEMESTER - III

13	ELS-III	English-III	ELS-III	80	20	100	3Hrs	3
14	SLS-III	Second Language - III	SLS-III	80	20	100	3Hrs	3
15	BBM 301	Human Resource Management	DSC-7	80	20	100	5Hrs	5
16	BBM 302	Information Technology For Business	DSC-8	60	20	80	4Hrs	4
17	BBM 302 PR	Information Technology For Business PR	DSC-8PR	20PR	-	20	2 Hrs	1
18	BBM 303	Accounting for Management	DSC-9	80	20	100	5Hrs	5
19	SEC-1	a) Communication Skills (OR) b) Professional Skills	SEC-1	50	-	50	2Hrs	2
20	SEC-2	a) Business Policy and Strategy (OR) b) Advanced Computer Skills	SEC-2	50	-	50	2Hrs	2
		Total					26Hrs	25

SEMESTER - IV

21	ELS-IV	English-IV	ELS-IV	80	20	100	3Hrs	3
22	SLS-IV	Second Language - IV	SLS-IV	80	20	100	3Hrs	3
23	BBM401	Business Law and Ethics	DSC-10	80	20	100	5Hrs	5
24	BBM 402	Digital Marketing	DSC-11	80	20	100	5Hrs	5
25	BBM403	Financial Management	DSC-12	80	20	100	5Hrs	5
26	SEC-3	a) Leadership and Management Skills (OR) b) Universal Human Values	SEC-3	50	-	50	2Hrs	2
27	SEC -4	a) Start up Opportunity and Feasibility (OR) b) Basic Quality Management	SEC-4	50	-	50	2Hrs	2
		Total					25	25

OSMANIA UNIVERSITY
B.COM
CBCS COURSE STRUCTURE
w.e.f. 2019-'20

Sl.No. (1)	Code (2)	Course Title (3)	HPW (5)	Credits (6)	Exam Hrs (7)	Marks (8)
SEMESTER – I						
1.	ELS1	English (First Language)	4	4		
2.	SLS1	Second Language	4	4		
3.	AECC1	a) Environmental Science/ b) Basic Computer Skills	2	2		
4.	DSC101	Financial Accounting-I	5	5	3 hrs	80U+20I
5.	DSC102	Business Organization and Management	5	5	3 hrs	80U+20I
6.	DSC103	Foreign Trade	5	5	3 hrs	80U+20I
		Total	25	25		
SEMESTER – II						
7.	ELS2	English (First Language)	4	4		
8.	SLS2	Second Language	4	4		
9.	AECC2	a) Basic Computer Skills/ b) Environmental Science	2	2		
10.	DSC201	Financial Accounting-II	5	5	3 hrs	80U+20I
11.	DSC202	Business Laws	5	5	3 hrs	80U+20I
12.	DSC203	Banking and Financial Services	5	5	3 hrs	80U+20I
		Total	25	25		
SEMESTER – III						
13.	ELS3	English (First Language)	3	3		
14.	SLS3	Second Language	3	3		
15.	SEC1 UGC Specified Course	Communication Skills Professional Skills	2	2	1 ½ hrs	40U+10I
16.	SEC2Dept t. Specified Course	a) Principles of Insurance/ b) Foundation of Digital Marketing & Web Design	2	2	1 ½ hrs	40U+10I
17.	DSC301	Advanced Accounting	5	5	3 hrs	80U+20I
18.	DSC302	Business Statistics-I	5	5	3 hrs	80U+20I
19.	DSC303	Financial Institutions and Markets	5	5	3 hrs	80U+20I
		Total	25	25		
SEMESTER – IV						
20.	ELS4	English (First Language)	3	3		
21.	SLS4	Second Language	3	3		
22.	SEC3 UGC Specified Course	Leadership & Management Skills Universal Human Values	2	2	1 ½ hrs	40U+10I
23.	SEC4Dept Specified Course	a) Practice of Life and General Insurance / b) Social Media Marketing Search Engine Optimization & Online Advertising	2	2	1 ½ hrs	40U+10I
24.	DSC401	Income Tax	5	5	3 hrs	80U+20I
25.	DSC402	Business Statistics-II	5	5	3 hrs	80U+20I
26.	DSC403	Corporate Accounting	5	5	3 hrs	80U+20I
		Total	25	25		

Osmania
Dean
Faculty of Commerce
Osmania University,
Hyderabad - 500 007

COORDINATOR
Internal Quality Assurance Cell
Anwarul Uloom College (Autonomous) 5
New Malleshwari, Hyderabad.

Anwarul Uloom
PRINCIPAL
Anwarul Uloom College (Autonomous)
New Malleshwari, Hyderabad-01.
CHAIRPERSON
BOARD OF STUDIES IN COMMERCE
ANWAR UL-ULOOM COLLEGE
HYDERABAD-50001., T.S.

ANWAR UL ULOOM COLLEGE
(An Autonomous Muslim Minority Institution, Affiliated to Osmania University)
New 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-2022-23)	I	Paper - I (Theory) Programming in C	6110	4		20	80	100	4
		Paper - I (C-LAB)	6110P		3		50	50	1
		AECC-I - ENV. STUDS.	A6110	2			50	50	2
	II	Paper - II (Theory) Programming in C++	6210	4		20	80	100	4
		Paper -II (C++-LAB)	6210P		3		50	50	1
		AECC-II (Basic Comp Skills)	A6210	2			50	50	2
B.Sc. Second Year (Batch-2021 -22)	III	Paper -III (Theory) Data Structures	6310	4		20	80	100	4
		Paper -III (DS -LAB)	P6310		3		50	50	1
		SECC-I - CS (OR) PS	6310A1	2			50	50	2
		SECC-II - Python-I	6310A2	2			50	50	2
	IV	Paper -IV (Theory) DBMS	6410	4		20	80	100	4
		Paper -IV(DBMS- LAB)	6410P		3		50	50	1
		SECC-III- LMS (OR) (UHV)	A6410	2			50	50	2
		SECC-IV- Python-II	A6410	2			50	50	2
B.Sc. Third Year (Batch-2020-21)	V	Paper -V (Theory) Programming in JAVA	6510	4		15	35	35	4
		Paper -V-(Practical)	6510P		3		25	25	1
		GE-II - INFO. TECH.-I	G6510	2			50	50	2
	VI	Paper -VI (Theory) Web Technology	6610	4		15	35	50	4
		Paper -VI (Practical)	6610P		3		25	25	1
		PROJECT/OPTIONAL PHP WITH MYSQL	P/O	3			15	35	3
		PHP (Practical)			3		25	25	1
		GE-II - INFO. TECH.-II	G6610	2			50	50	2

Note: Student Project Details – Maximum 50 Marks Minimum 20Marks
Credits – 04 Group size: Maximum 4 members group

**CHAIRMAN, BOS
COMPUTER SCIENCE
ANWAR UL ULOOM COLLEGE**

**Head
Computer Science & Engineering
Engineering (A)**

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

Anwarul Uloom College (Autonomous)

Department of Biotechnology

B. Sc (B. M.C)

Subject: BIOTECHNOLOGY (2022 – 2023)

No.	Year	Sem	Paper / Title	Teaching Hours /Week	Units	Credits	Marks		
							Internal assessment	Semester	Total
1	2022 - 2023	I	Cell Biology & Genetics – Theory	4	4	4	20	80	100
2			Cell biology & Genetics –Practical	2		1		50	50
3			Environmental science (AECC-I)	2		2		50	50
4		II	Nucleic acids & Biochemistry Theory	4	4	4	20	80	100
5			Nucleic Acids & Biochemistry – Practical	2		1		50	50
6			Basic Computer Skills (AECC-II)	2		2		50	50
7			Molecular biology & rDna Technology - Theory	4	4	4	20	80	100
8			Molecular biology & rDna Technology -- Practical	2		1		50	50
9			SEC- I A) Communication Skills Or B) Professional Skills	2		2		50	50
10	2021 - 2022	III	SEC – II A) – Industrial fermentation Or B) Immunological techniques	2	2	2		50	50
11			Biostatistics & Bioinformatics Theory	4	4	4	20	80	100
12		Biostatistics & Bioinformatics Practical	2		1		50	50	
13		IV	SEC- III A) Leadership & Management Skills Or B) Universal Human Values	2		2		50	50
14	2020 - 2021	V	SEC- IV A) Molecular markers in plant breeding Or B) Drug designing	2	2	2		50	50
15			Elective – A Plant biotechnology- Theory Elective – B Medical biotechnology - Theory	4	4	4	15	35	50
16		Elective – A Plant biotechnology – Practical Elective – B Medical biotechnology – Practical	2		1		25	25	
17		Basics in biotechnology -- (GE- I)	4	4	4	-	50	50	
18		VI	Elective – A - Animal biotechnology - Theory Elective – B - Environmental biotechnology - Theory	4	4	4	15	35	50
19			Elective – A Animal biotechnology – Practical Elective – B Environmental biotechnology –Practical	2		1		25	25
20			Research methodology/ project			4	-	100	100

AECC – Ability Enhancement Compulsory Course

SEC – Skill Enhancement Compulsory Course

GE – Generic Electives

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

Head of the Department
CHAIRPERSON
BOARD OF STUDIES
PRINCIPAL
Department of Biotechnology
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad-01.



DEPARTMENT OF MATHEMATICS

Anwarul Uloom College
 Autonomous & Accredited 'A' Grade by NAAC
 Affiliated to Osmania University
 New Mallepally, Hyderabad - 500001



	2 nd YEAR	III	6314 T Real Analysis	5	5	5	20	80	100
			(SECC-I) (A) Communication Skills (or) (B) Professional Skills	2	2	2	-	50	50
	2 nd Year	III	SECC-II (A) Introduction to Laplace Transform (or) (B) Commercial Mathematics	2	2	2	-	50	50
	2 nd YEAR	IV	6414T Algebra	5	5	5	20	80	100
			SECC-III (A) Leadership and Management Skills (or) (B) Universal Human Values	2	2	2	-	50	50

Head
 Department of Mathematics
 Anwarul Uloom College
 New Mallepally, Hyderabad.
 Internal Quality Assurance Cell
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad.

Head
 Department of Mathematics
 Osmania University
 Hyderabad-500 007.
 Anwarul Uloom College
 New Mallepally, Hyderabad-01.

Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad
 Affiliated to Osmania University
 (Re-Accredited with NAAC with A-Grade) Faculty of Science
Department of Nutrition & Dietetics

B.Sc. (N.Z.C)

Course Structure (2022-2023)

SN.O.	YEAR	SEM.	PAPER/TITLE	Teaching hours/week	Units	Credits	Marks		
							Internal Assessment	End Semester	Total
1	1st Year 22-23	I	Introduction to Foods & Nutrition	4	4	4	20	80	100
2			Introduction to Foods & Nutrition (Practical's)	2	-	1	-	50	50
3			Environmental Science (AECC-I)	2	-	2	-	50	50
4	1st Year 22-23	II	Nutritional Biochemistry and Human Physiology	4	4	4	20	80	100
5			Nutritional Biochemistry and Human Physiology (Practical)	2	-	1	-	50	50
6			Basic Computer Skills (AECC-II)	2	-	2	-	50	50
7	2nd Year 22-23	III	Normal Therapeutic Nutrition-Theory	4	4	4	20	80	100
8			Normal And Therapeutic Nutrition-Practical	2	-	1	-	50	50
			Communication skills(SECC-I) or	2	-	2	-	50	50
			Professional Skills(SECC-I)	"	"	"	-	"	"
9			Food Service Management (SECC-II) or	2	2	2	-	50	50
	Bakery Science (SECC-II)	"	"	"					
10	2nd Year 22-23	IV	Diet In Disease- Theory	4	4	4	20	80	100
11			Diet In Disease - Practical	2	-	1	-	50	50

SUJATA STEPHEN
 HOD NUTRITION DEPT.
 YASHODA HOSEBAGI
 Malakpet, Hyderabad
 Department of Dietetics
 SARDINI NAIDU VANITA MAHA VIDYALAYA
 Department of Applied Nutrition
 SARDINI NAIDU VANITA MAHA VIDYALAYA
 Department of Nutrition & Dietetics
 ANWARUL-ULOOM COLLEGE
 New Mallepally, Hyderabad.
 Telangana-500 001.

DR. P. ASHLESMA
 HEAD
 Dept. of Food and Nutrition
 Univ. of J. P. Narayan
 Kollur, Hyderabad-095.

Internal Quality Assurance
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7	2 nd Year	III	Animal Physiology (Theory)	4	4	4	20	80	100	
8			Animal Physiology Practicals	2	-	1	-	-	50	
9			(SECC - I)							
			a) Communication Skills OR b) Professional Skills	2	2	2	-	50	50	
			(SECC - II)							
			a) Vectors OR b) Vermiculture	2	2	2	-	50	50	
10	2 nd Year	IV	Cell Biology, Genetics & Evolution - Theory	4	4	4	20	80	100	
11			Cell Biology, Genetics & Evolution - Practical	2	-	1	-	-	50	
12			(SECC - III)							
			a) Leadership and Management Skills OR b) Universal Human Values	2	2	2	-	50	50	
			(SECC - IV)							
			a) Apiculture OR b) Biodiversity Conservation and Eco-tourism							

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 2022-23	Paper – I (Theory) Mechanics	6118	4 hours	4
	Mechanics - Lab AECC-I	6118P	2 hours	1
	Environmental Science		2 hours	2
II 2022-23	Paper – II (Theory) Thermal Physics	6218	4 hours	4
	Thermal Physics - Lab AECC-II	6218P	2 hours	1
	Basic Computer Skills		2 hours	2
III 2021-22	Paper – III (Theory) Electromagnetic Theory	6318	4 hours	4
	Electromagnetic Theory - Lab SECC-I	6318P	2 hours	1
	(a) Communication Skills (OR)		2 hours	2
	(b) Professional Skills SECC-II			
	(a) Solar Energy and its Collectors (OR)		2 hours	2
(b) Storage and Utilization of Solar Energy				
IV 2021-22	Paper – IV (Theory) Waves & Optics	6418	4 hours	4
	Optics - Lab SECC-III	6418P	2 hours	1
	(a) Leadership and Management Skills (OR)		2 hours	2
	(b) Universal Human Values (Ethics) SECC-IV			
	(a) Solar Energy (OR)		2 hours	2
(b) Chemical Energy				
V 2020-21	Paper – V (Elective) A: Modern Physics (Theory) ** Elective - I	6518A	4 hours	4
	A: Modern Physics (Lab) (OR)	6518AP	2 hours	1
	B: Computational Physics (Theory) ** Elective - II	6518B	4 hours	4
	B: Computational Physics (Lab) GE-I	6518BP	2 hours	1
	Mechanical Energy		4 hours	4
VI 2020-21	Paper – VI (Elective) A: Electronics (Theory) ** Elective - I	6618A	4 hours	4
	A: Electronics (Lab) (OR)	6618AP	2 hours	1
	B: Applied Optics ** Elective - II	6618B	4 hours	4
	B: Applied Optics (Lab) GE-II	6618BP	2 hours	1
	Geothermal Energy		4 hours	4

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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	Paper-I (Theory)	6109	4 Hrs	4
		Paper-II (Practicals)	6109 P	2 Hrs	1
		1 st AECC- I		2 Hrs	1
		Environmental Studies			
	II	Paper-II (Theory)	5209	4 Hrs	4
		Paper-II (Practicals)	5209 P	2 Hrs	1
		AECC-II Basic: Computer Skills		2 Hrs	2
	III	Paper-I (Theory)	6309	4 Hrs	4
		Paper-II (Practicals)	6309P	2 Hrs	1
		SECC II: Rules In Chemistry Laboratory	A6309	2 Hrs	1
	IV	Paper-IV (Theory)	6409	4 Hrs	4
		Paper-IV (Practicals)	6409P	2 Hrs	1
		SECC IV: Preparation Of Lab Reagents	16409	2 Hrs	1
	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

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 New Mallepally, Hyderabad
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 (Re- Accredited with NACC with A- Grade)
 Faculty of Science
Department of Microbiology
 B. Sc (B. M. C)
 Subject: MICROBIOLOGY (2022 – 2023)

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

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

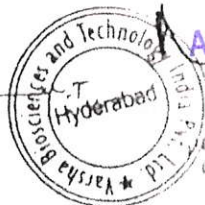
III-SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTRNAL	TOTAL	DURATION
DSC	FOOD AND ENVIRONMENTAL MICROBIOLOGY – III	4	4	4	15	35	50	2 HRS
DSC	PRACTICAL	-	2	1	-	-	25	-
SECC - I	PHARMACEUTICAL	2	2	2	-	-	50	2 HRS
SECC - II	FOOD ADULTERATION	2	2	2	-	-	50	2 HRS

IV-SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTRNAL	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

Head
DR. A. MADHURI
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 Government Degree College For Women
 Begumpet, Hyderabad - 500016
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 Department of Microbiology
 Anwarul Uloom College
 (Autonomous)

Department of Microbiology
 Anwarul Uloom College
 (Autonomous)



SYLLABUS

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New Mallepally, Hyderabad.

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PRINCIPAL

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New Mallepally, Hyderabad-01.

**III - SEMESTER
(OR) SEC - I
PROFESSIONAL SKILLS**

Max. Marks: 50
Exam Duration: 2Hrs

Code: SECC-I
Credits: 2
W : 2

Course Objectives:

- 1: To equip the students with necessary professional skills
- 2: To enable students- explore their career opportunities through necessary training
- 3: To impart skills of understanding and practicing Etiquettes
- 4: Acquire career skills and fully pursue to partake in a successful career path
- 5: Prepare good resume- prepare for interviews and group discussions

Course Outcomes:

- CO1: Develop a planned approach towards career and life
- CO2: Gain ability to match skills and interests with a chosen career path
- CO3: Develop interview skills and professional etiquette
- CO4: Prepare their resume in an appropriate template without grammatical and other errors and using proper syntax
- CO5: Participate in a simulated interview. Actively participate in group discussions towards gainful employment. Capture a self - interview simulation video regarding the job role concerned

NIT-I: RESUME SKILLS

Resume Skills : Preparation and Presentation

Introduction of resume and its importance -Difference between a CV- Resume and Bio data
Essential components of a good resume

Resume skills: common errors:

Common errors people generally make in preparing their resume - Prepare a good resume of your/his considering all essential components

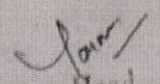
NIT - II: INTERVIEW SKILLS

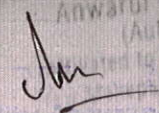
Interview Skills : Preparation and Presentation

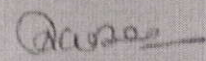
Meaning and types of interview (F2F- telephonic- video- etc.) - Dress Code- Background Research
Do's and Don'ts - Situation- Task- Approach and Response (STAR Approach) for facing
Interview - Interview procedure (opening- listening skills- closure- etc.) -Important questions
generally asked in a job interview (open and closed ended questions)

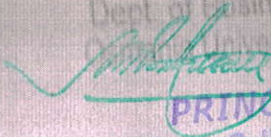
Interview Skills : Simulation: Observation of exemplary interviews - Comment critically on simulated interviews

Interview Skills : Common Errors: Discuss the common errors generally candidates make in interview - Demonstrate an ideal interview


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III: GROUP DISCUSSION SKILLS

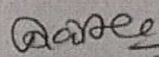
Meaning and methods of Group Discussion
Procedure of Group Discussion
Group Discussion- Simulation
Group Discussion - Common Errors

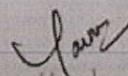
IV: EXPLORING CAREER OPPORTUNITIES

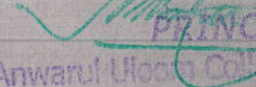
Knowing yourself – personal characteristics
Knowledge about the world of work- requirements of jobs including self-employment.
Sources of career information
Preparing for a career based on their potentials and availability of opportunities

RECOMMENDED BOOKS

McGrath E.H.- Basic Management Skills for AH- Prentice Hall of India Pvt. Ltd.
Barun K. Mitra- Personality Development and Soft Skills- Oxford University Press
Sheffield- R.M.- Montgomery- R.J.- Moody- P.G.- Developing Soft Skills- Pearson
Bhardwaj- Professional Communication- Wiley
UGC-Jeevan Kaushal
Foundation Skills In IT (FSIT) - Refer the websites like <https://www.sscnasscom.com/ssc-projects/capacity-building-and-development/training/fsit/>
Global Business Foundation Skills (GBFS) – Refer websites like <https://www.sscnasscom.com/ssc-projects/capacity-building-and-development/training/gbfs/>


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**III - SEMESTER
SEC - I (OR)
COMMUNICATION SKILLS**

Paper: SEC-I Credits:2 PPW : 2	Max. Marks:50 Exam Duration:2Hrs
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Course Objectives:

- CO1:Identify common communication problems that may be holding learners back
- CO2:Identify what their non-verbal messages are communicating to others
- CO3:Understand role of communication in teaching-learning process
- CO4:Learning to communicate through the digital media
- CO5:Understand the importance of empathetic listening

Course Outcomes:

- CO1: Students will understand the importance of communication skills
- CO2: Develop competence in oral- written and visual communication
- CO3: Understand current technology related to the communication field
- CO4: Explore communication beyond language.
- CO5: Student will understand the importance of Verbal & Non Verbal Communication

UNIT-I: LISTENING & SPEAKING

Techniques of effective listening - Listening and comprehension -Probing questions - Barriers to listening
Speaking: Pronunciation –Enunciation –Vocabulary –Fluency - Common Errors

UNIT - II: READING & WRITING:

Techniques of effective reading

Gathering ideas and information from a given text: i. Identify the main claim of the text- ii. Identify the purpose of the text - iii. Identify the context of the text- iv. Identify the concepts mentioned

Evaluating these ideas and information

- i. Identify the arguments employed in the text
- ii. Identify the theories employed or assumed in the text

Interpret the text

- i. To understand what a text says
- ii. To understand what a text does
- iii. To understand what a text means

Writing and different modes of writing:

Clearly state the claims - Avoid ambiguity- vagueness- unwanted generalizations and oversimplification of issues - Provide background information - effectively argue the claim - Provide evidence for the claims - Use examples to explain concepts - Follow convention - Be properly sequenced - Use proper signposting techniques. **Be well structured :** Well-knit logical sequence - Narrative sequence -Category groupings

COORDINATOR
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BBM (CBCS)
(w.e.f 2022-2023)

Faculty of Business Administration

Different modes of Writing -

E-mails - Proposal writing for Higher Studies - Recording the proceedings of meetings - Any other mode of writing relevant for learners

UNIT-III: DIGITAL LITERACY

Role of Digital literacy in professional life -Trends and opportunities in using digital technology in workplace - Internet Basics -**Introduction to MS Office tools : Paint –Office –Excel- Power point**

UNIT – IV: EFFECTIVE USE OF SOCIAL MEDIA

Introduction to social media websites - Advantages of social media - Ethics and etiquettes of social media. How to use Google search better - Effective ways of using Social Media – Introduction to Digital Marketing

UNIT - V: NON-VERBAL COMMUNICATION

Meaning of non-verbal communication - Introduction to modes of non-verbal communication - Breaking the misbeliefs - Open and Closed Body language - Eye Contact and Facial Expression – Hand Gestures – Do's and Don'ts -Learning from experts -Activities-Based Learning

SUGGESTION BOOKS:

1. Jeevan Taylor- Shirely- Communication for Business- New Delhi: Pearson Education.
2. Kalia- Business Communication: A Practice-Oriented Approach- Wiley
3. Chauhan- Soft Skills: An Integrated Approach to Maximise Personality- Wiley
4. Bailey- Stephen- Academic Writing: A handbook for International Students- Routledge
5. Hogue- Ann- First Steps in Academic Writing- Person Logman.
6. UGC—Kaushal


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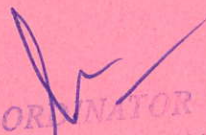
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4^{-th} Semester


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Accredited by NAAC with 'A' Grade

B.A/B.Com (All Streams) B.Sc (All Streams) & BBA (CBCS)
(W.E.F. 2022-23)

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	4	20	80	100	3 Hrs.
SECC-I	Professional Skills	2	2	2		50	50	2 Hrs.
SECC-II	Different Modes of Writing in English	2	2	2		50	50	2 Hrs.
IV Sem.	English - IV	3	3	4	20	80	100	3 Hrs.
SECC-III	Leadership Management	2	2	2		50	50	2 Hrs.
SECC-IV	Vocabulary in Introduction	2	2	2		50	50	2 Hrs.
V Sem.	English -V	3	3	3	20 (15)	35 (80)	50	2 Hrs. 3 hr
GE-I	LS.R.W. Skills	2	2	2		50	50	2 Hrs.
VI Sem.	English -VI	3	3	3	20 (15)	35 (80)	50	2 Hrs. 3 hr
GE-II	Grammar	2	2	2		50	50	2 Hrs.

Capt. Dr. Kausar Begum Khan

Head Department of English

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Chairman

Board of Studies

Department of English

PRINCIPAL

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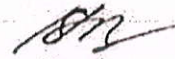
DEPT: OF ARABIC

			Information Technology & Functional Arabic (SECC III & IV)						
9	III Year	V	Arabic - V Annasrul Qadeem, Jadeed, Translation, Al Shahr, Tariqul Adabul Arabi (Sec. Language Arabic)	3	3	3	15	35	50
10			GE I	2	2	2	-	50	50
11	III Year	VI	Arabic - VI Annasrul Jadeed, Compositions and History of Arabic literature. (Sec.Lang. Arabic)	3	3	3	15	35	50
12			G.E II.	2	2	2	-	50	50

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



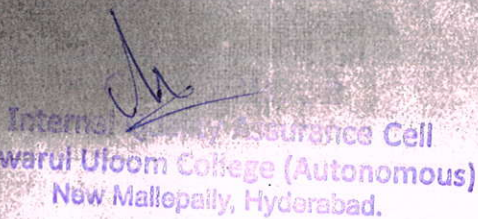
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BOARD OF STUDIES
DEPT. OF ARABIC
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad.



Head
Dept. of Arabic, UCASS
Osmania University, Hyd-7 (TS)


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

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-I (Urdu Second Language)	4	4	4	20	80	100
2	1 st Year	I	Environmental Science (AECC-I)	2	2	2	-	50	50
3	1 st Year	II	Mutala-e-Adab Part -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	Mutala-e-Adab Part-II (Urdu Second Language)	3	3	3	15	35	50
6	2 nd Year	III	Urdu Sahafat-SECC-I SEC-II						
7	2 nd year	IV	Zauq-e-Adab Part II B	3	3	3	15	35	50
8	2 nd Year	IV	Urdu Sahafat-II SECC III SECC IV	2	2	2	-	50	50

AECC-Ability Enhancement Compulsory Course

SECC-Skill Enhancement Compulsory Course

IDE- Inter Disciplinary Course

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B.A (EHP) – ENGLISH LITERATURE (W.E.F. 2022-23)

SEMESTER	SUBJECT TITLE	UNITS	HPW	CREDITS	INTERNAL	EXTERNAL	TOTAL	Duration
I DSC	Introduction to English Language and Literature	5	5	5	20	80	100	3
AECC-I	Environmental Studies	2	2	2		50	50	2
II DSC	English Poetry,	5	5	5	20	80	100	3
AECC-II	Basic Computer Skills	2	2	2		50	50	2
III DSC	English Drama	5	5	5	20	80	100	3
SECC-I	Professional skills	2	2	2	-	50	50	2
SECC-II	Different Modes of Writing in English	2	2	2		50	50	2
IV	English Fiction	5	5	5	20	80	100	3
SECC-III	Leadership Management	2	2	2		50	50	2
SECC-IV	Vocabulary an Introduction	2	2	2		50	50	2
V DSC	English Discipline Specific Elective(DSE) A. Modern Indian Literature or B. Women's Writing.	5	5	5	20	80	100	3
GE	English Generic Elective(GE) English for Academic and Professional Purposes	4	4	4	20	80	100	3
VI	English Discipline Specific Elective(DSE) A. American Literature B. Contemporary World Literature.	4	4	4	20	80	100	3
English Project Paper/Theory	Project/ Literary Criticism and Theory	4		4		100	100	3

Capd Dr. Kauser Begum Khan

Head Department of English
Anwar Uloom College of Women

Capd Dr. Kauser Begum Khan

8

Dr. C. MURALIKRISHNA

PROFESSOR,
DEPT. OF ENGLISH
OSMANIA UNIVERSITY, HYD.-7.

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Faculty of Social Sciences
Department of Psychology

B. A. (English Literature, History & Psychology)
(2022 - 23)

Sem./ Paper	EL6 (1)	SL6 (2)	AEC / SEC 13 (3)	SEC24 / GE / PR (4)	DSC / DSE (5T)	DSC / DSE (5P)	DSC / DSE (6)	DSC / DSE (7)	Total Credits
I	English (First Language) (4HPW)	Second Language (4HPW)	Environmental Science / Basic Computer Skills (2HPW)		DSC (101) (5HPW) General Psychology		(5HPW)	(5HPW)	25
II	English (First Language) (4HPW)	Second Language (4HPW)	Environmental Science / Basic Computer Skills (2HPW)		DSC (201) (5HPW) Personality Theories and Assessment		(5HPW)	(5HPW)	25
III	English (First Language) (3HPW)	Second Language (3HPW)	SEC-1 (2HPW) Life Skills	SEC-2 (2HPW) Psychology in Professional Settings	DSC (301 T) (4HPW) Social Psychology	DSC (301 P) (2HPW) Experimental Psychology	(5HPW)	(5HPW)	25
IV	English (First Language) (3HPW)	Second Language (3HPW)	SEC-3 (2HPW) Stress Management and Well Being	SEC-4 (2HPW) Health Behaviour and Lifestyles	DSC (401 T) (4HPW) Abnormal Psychology	DSC (401 P) (2HPW) Experimentation in Behavioural Phenomena	(5HPW)	(5HPW)	25
V	English (First Language) (3HPW)	Second Language (3HPW)		GE (4HPW) Psychological Competencies	DSC (501 T) (4HPW) (A) Child Psychology (B) Educational Psychology	DSC (501 P) (2HPW) Psychological Testing	(5HPW)	(5HPW)	25
VI	English (First Language) (3HPW)	Second Language (3HPW)		Research in Psychology & Project Work (2 T + 4 R)	DSE (601 T) (4HPW) (A) Adolescent Psychology (B) Health Psychology	DSC (601 P) (2HPW) Psychological Assessment	(5HPW)	(5HPW)	25
Total	20	20	8	12	30		30	30	150
Credits under Non - CGPA			NSS/NOC/Sports/Extra Curricular			Up to 6 (2 in each year)			
			Summer Internship			Up to 4 (2 in each year after I & II Year)			

COORDINATOR

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

PRINCIPAL

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

8/6/22
Chairperson

Board of Studies in Psychology
Osmania University,
500 007



ANWARUL ULOOM COLLEGE (AUTONOMOUS)
 (An Autonomous Muslim Minority Institution)
 New Mallepally, Hyderabad-500001 T.S , India
 (Affiliated to Osmania University)
 FACULTY OF SOCIAL SCIENCES

DEPARTMENT OF POLITICAL SCIENCES

7	2 ND YEA R	IV	IV DSC	CONSTITUTION AND POLITICS OF INDIA	2 0	8 0	5	5
8			SECC -III	A. LEADERSHIP & MGMT SKILLS OR B. UNIVERSAL HUMAN VALUES		5 0	2	2
			SECC -IV	A. INDIAN FREEDOM MOVT OR B. INDIAN CONSTITUTION		5 0	2	2
9	3 RD YEA R 2020- 21		V. DSC	INTERNATIONAL RELATIONS	1 5	3 5	5	5
10			GE - I	REFORM MOVEMENTS IN INDIA			4	4
11			VI DSC	GLOBAL POLITICS	1 5	3 5	5	5
12			GE - II	WOMEN STUDIES-AN INTRODUCTION			4	4

AECC = ABILITY ENHANCEMENT COMPULSORY COURSE

DSC = DISCIPLINE SPECIFIC COURSE.

GE: General elective & SECC III & SECC IV included.

S. S. Sidiqi

CHAIRPERSON
BOARD OF STUDIES

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

Y. S. Y.

Assistant Professor
Department of Political Science
Osmania University, Hyderabad.

PRINCIPAL

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



DEPARTMENT OF ECONOMICS

BA (EPP)
 (APPROVAL OF SYLLABUS FOR THE ACADEMIC YEAR 2022-2023)



YEAR	SEM	PAPER	TITLE	UNITS	THPW	A	ESE	TOTAL	CREDITS
1	I	I	Micro Economics	5	5	20	80	100	5
			Environmental Studies	2	2	—	50	50	2
	II	AECC-I	Macro Economics	5	5	20	80	100	5
			Basic Computer Skills	2	2	—	50	50	2
			Statistics For Economics	5	5	20	80	100	5
			Communication skills	—	2	—	50	50	2
2	III	SEC-I	Professional skills	—	2	—	50	50	2
			Money and Banking	—	2	—	50	50	2
	IV	SEC-II	Environmental Economics	—	2	—	50	50	2
			Indian Economy	5	5	20	80	100	5
	IV	SEC-III	Leadership and Mgmt.	—	2	—	50	50	2
			Or	—	2	—	50	50	2
Universal Human Values			—	2	—	50	50	2	
Industrial Economics			—	2	—	50	50	2	
V	SEC-IV	Or	—	2	—	50	50	2	
		Entrepreneurship and Development	5	5	15	35	50	5	
		Development Economics	4	2	—	50	50	4	
		Rural Development	5	5	15	35	50	5	
VI	Project Or Additional subject	Financial Economics	4	2	—	50	50	2	
		International Economics	5	5	15	35	50	5	

THPW : Teaching Hour per Week, ESE : End Semester Exam, A: Internal Assessment,
 SEM: Semester.

Chairman
 Board of Studies
 Dept of Economics
 Osmania University
 Hyderabad-500 007

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

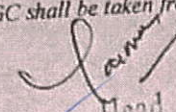
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 PRINCIPAL
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad-01.


PROGRAMME STRUCTURE

Sl.No	Course Code	Course Title	Sem Exam	IA	Total	HPW	Credits
1	ELS-I	English -I	80	20	100	4Hrs	4
2	SLS-I	Second Language -I	80	20	100	4Hrs	4
3	DSC 101	Principles of Management	80	20	100	5Hrs	5
4	DSC 102	Basics of Marketing	80	20	100	5Hrs	5
5	DSC 103	Business Economics	80	20	100	5Hrs	5
6	AECC -	Environmental Studies	50	-	50	2Hrs	2
		Total				25Hrs	25
7	ELS-II	English -II	80	20	100	4Hrs	4
8	SLS-II	Second Language -II	80	20	100	4Hrs	4
9	DSC 201	Organizational Behaviour	80	20	100	5Hrs	5
10	DSC 202	Business Statistics	80	20	100	5Hrs	5
11	DSC 203	Financial Accounting	80	20	100	5Hrs	5
12	AECC-2	Basic Computer Skills	50	-	50	2Hrs	2
		Total				25Hrs	25
13	ELS-III	English-III	80	20	100	3Hrs	3
14	SLS-III	Second Language -III	80	20	100	3Hrs	3
15	DSC 301	Human Resource Management	80	20	100	5Hrs	5
16	DSC 302	Information Technology For Business	60	20	80	4Hrs	4
17	DSC 302	Information Technology For Business PR	20	-	20	2Hrs	1
18	DSC 303	Financial Management	80	20	100	5Hrs	5
19	SEC-1	a)Communication Skills OR b)Professional Skills	50	-	50	2Hrs	2
20	SEC-2	a) Business Policy and Strategy OR b)Advanced Computer Skills	50	-	50	2Hrs	2
		Total				25Hrs	25
21	ELS-IV	English-IV	80	20	100	3Hrs	3
22	SLS-IV	Second Language -IV	80	20	100	3Hrs	3
23	DSC 401	Business Law and Ethics	80	20	100	5Hrs	5
24	DSC 402	Market Research	80	20	100	5Hrs	5
25	DSC 403	Management Science	80	20	100	5Hrs	5
26	SEC-3	a)Leadership and Management Skills OR b)Universal Human Values	50	-	50	2 Hrs	2
27	SEC-4	a)Start Up Opportunity and Feasibility OR b) Basic Quality Management	50	-	50	2Hrs	2
		Total				25Hrs	25

Notation : CC - Core Courses- ELS: English Language Skill; SLS: Second Language Skill; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; T: Theory; P: Practical; I: Internal Exam.

Note: A student must choose one subject each from SEC 1, SEC 2, SEC 3 and SEC 4 respectively, Syllabus for Skill Enhancement Courses specified by UGC shall be taken from Jeevan Kaushal.


Head
Department of Business Administration 6
Anwarul Uloom College
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(Affiliated to Osmania University)
New Mallepally, Hyd-01, T.S. India.


Prof. R. NAGESWAR RAO
MBA., Ph.D. U.C.Y.
Dept. of Business Management
Osmania University, Hyderabad-07.

Internal
Anwarul Uloom Coll
New Mallepally, Hyderabad.


PRINCIPAL
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New Mallepally, Hyderabad-01.

BBM (CBCS)
(w.e.f 2022-2023)

Faculty of Business Administration

STRUCTURE OF ILLM DEGREE PROGRAMME w.e.f. ACADEMIC YEAR 2022 onwards

**FIRST YEAR
SEMESTER-I:**

Sl No	Paper Code	Course Title	Course Code	Sem Exam	IA	Total	HPW	Credits
1	ELS-I	English -I	ELS-I	80	20	100	4Hrs	4
2	SLS-I	Second Language -I	SLS-I	80	20	100	4Hrs	4
3	BBM101	Principles of Management	DSC-1	80	20	100	5Hrs	5
4	BBM102	Financial Accounting	DSC-2	80	20	100	5Hrs	5
5	BBM103	Business Economics	DSC-3	80	20	100	5Hrs	5
6	AECC I	Environmental Studies	AECC-I	50	-	50	2Hrs	2
		Total					25Hrs	25

SEMESTER - II

7	ELS-II	English -II	ELS-II	80	20	100	4Hrs	4
8	SLS-II	Second Language -II	SLS-II	80	20	100	4Hrs	4
9	BBM 201	Fundamentals of Marketing	DSC-4	80	20	100	5Hrs	5
10	BBM 202	Business Statistics	DSC-5	80	20	100	5Hrs	5
11	BBM 203	Business Correspondence and Communication	DSC-6	80	20	100	5Hrs	5
12	AECC II	Basic Computer Skills	AECC-II	50	-	50	2Hrs	2
		Total					25Hrs	25

SEMESTER - III

13	ELS-III	English-III	ELS-III	80	20	100	3Hrs	3
14	SLS-III	Second Language -III	SLS-III	80	20	100	3Hrs	3
15	BBM 301	Human Resource Management	DSC-7	80	20	100	5Hrs	5
16	BBM 302	Information Technology For Business	DSC-8	60	20	80	4Hrs	4
17	BBM 302 PR	Information Technology For Business PR	DSC-8PR	20PR	-	20	2 Hrs	1
18	BBM 303	Accounting for Management	DSC-9	80	20	100	5Hrs	5
19	SEC-1	a)Communication Skills (OR) b)Professional Skills	SEC-1	50	-	50	2Hrs	2
20	SEC-2	a) Business Policy and Strategy (OR) b)Advanced Computer Skills	SEC-2	50	-	50	2Hrs	2
		Total					26Hrs	25

SEMESTER - IV

21	ELS-IV	English-IV	ELS-IV	80	20	100	3Hrs	3
22	SLS-IV	Second Language -IV	SLS-IV	80	20	100	3Hrs	3
23	BBM401	Business Law and Ethics	DSC-10	80	20	100	5Hrs	5
24	BBM 402	Digital Marketing	DSC-11	80	20	100	5Hrs	5
25	BBM403	Financial Management	DSC-12	80	20	100	5Hrs	5
26	SEC-3	a)Leadership and Management Skills (OR) b)Universal Human Values	SEC-3	50	-	50	2Hrs	2
27	SEC -4	a)Start up Opportunity and Feasibility (OR) b) Basic Quality Management	SEC-4	50	-	50	2Hrs	2
		Total					25	25

(Signature)

Prof. R. NAGESWAR RAO
MBA, Ph.D.
Dept. of Business Management
Osmania University, Hyderabad

Yaswanth
Head
Department of Business Administration
Anwarul Uloom College
(Autonomous)
(Affiliated to Osmania University)
New Mallepally, Hyd-01, T.S. India.
Internal Quality Assurance Cell
Anwarul Uloom College
New Mallepally, Hyderabad

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New Mallepally, Hyderabad

OSMANIA UNIVERSITY
B.COM.
CBCS COURSE STRUCTURE
w.e.f. 2019-'20

Sl.No.	Code	Course Title	HPW	Credits	Exam Hrs	Marks
(1)	(2)	(3)	(5)	(6)	(7)	(8)
SEMESTER – I						
1.	ELS1	English (First Language)	4	4		
2.	SLS1	Second Language	4	4		
3.	AECC1	a) Environmental Science/ b) Basic Computer Skills	2	2		
4.	DSC101	Financial Accounting-I	5	5	3 hrs	80U+20I
5.	DSC102	Business Organization and Management	5	5	3 hrs	80U+20I
6.	DSC103	Foreign Trade	5	5	3 hrs	80U+20I
		Total	25	25		
SEMESTER – II						
7.	ELS2	English (First Language)	4	4		
8.	SLS2	Second Language	4	4		
9.	AECC2	a) Basic Computer Skills/ b) Environmental Science	2	2		
10.	DSC201	Financial Accounting-II	5	5	3 hrs	80U+20I
11.	DSC202	Business Laws	5	5	3 hrs	80U+20I
12.	DSC203	Banking and Financial Services	5	5	3 hrs	80U+20I
		Total	25	25		
SEMESTER – III						
13.	ELS3	English (First Language)	3	3		
14.	SLS3	Second Language	3	3		
15.	SEC1 UGC Specified Course	Communication Skills Professional Skills	2	2	1 ½ hrs	40U+10I
16.	SEC2Dep t. Specified Course	a) Principles of Insurance/ b) Foundation of Digital Marketing & Web Design	2	2	1 ½ hrs	40U+10I
17.	DSC301	Advanced Accounting	5	5	3 hrs	80U+20I
18.	DSC302	Business Statistics-I	5	5	3 hrs	80U+20I
19.	DSC303	Financial Institutions and Markets	5	5	3 hrs	80U+20I
		Total	25	25		
SEMESTER – IV						
20.	ELS4	English (First Language)	3	3		
21.	SLS4	Second Language	3	3		
22.	SEC3 UGC Specified Course	Leadership & Management Skills Universal Human Values	2	2	1 ½ hrs	40U+10I
23.	SEC4Dept Specified Course	a) Practice of Life and General Insurance / b) Social Media Marketing Search Engine Optimization & Online Advertising	2	2	1 ½ hrs	40U+10I
24.	DSC401	Income Tax	5	5	3 hrs	80U+20I
25.	DSC402	Business Statistics-II	5	5	3 hrs	80U+20I
26.	DSC403	Corporate Accounting	5	5	3 hrs	80U+20I
		Total	25	25		

Osmania
Dean

COORDINATOR

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

PRINCIPAL

Anwarul Uloom College (Autonomous)
CHAIRPERSON

BOARD OF STUDIES IN COMMERCE
ANWAR UL-ULOOM COLLEGE
HYDERABAD-50001., T.S.

Faculty of Commerce
Osmania University
Hyderabad - 500 007

ANWAR UL ULOOM COLLEGE
(An Autonomous Muslim Minority Institution, Affiliated to Osmania University)
New 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- 2022-23)	I	Paper - I (Theory) Programming in C	6110	4		20	80	100	4
		Paper - I (C-LAB)	6110P		3		50	50	1
		AECC-I - ENV. STUDS.	A6110	2			50	50	2
	II	Paper - II (Theory) Programming in C++	6210	4		20	80	100	4
		Paper -II (C++-LAB)	6210P		3		50	50	1
		AECC-II (Basic Comp Skills)	A6210	2			50	50	2
B.Sc. Second Year (Batch- 2021 -22)	III	Paper -III (Theory) Data Structures	6310	4		20	80	100	4
		Paper -III (DS -LAB)	P6310		3		50	50	1
		SECC-I - CS (OR) PS	6310A1	2			50	50	2
		SECC-II - Python-I	6310A2	2			50	50	2
	IV	Paper -IV (Theory) DBMS	6410	4		20	80	100	4
		Paper -IV(DBMS- LAB)	6410P		3		50	50	1
		SECC-III- LMS (OR) (UHV)	A6410	2			50	50	2
		SECC-IV- Python-II	A6410	2			50	50	2
B.Sc. Third Year (Batch- 2020-21)	V	Paper -V (Theory) Programming in JAVA	6510	4		15	35	35	4
		Paper -V-(Practical)	6510P		3		25	25	1
		GE-II - INFO. TECH.-I	G6510	2			50	50	2
	VI	Paper -VI (Theory) Web Technology	6610	4		15	35	50	4
		Paper -VI (Practical)	6610P		3		25	25	1
		PROJECT/OPTIONAL PHP WITH MY SQL	P/O	3			15	35	3
		PHP (Practical)			3		25	25	1
		GE-II - INFO. TECH.-II	G6610	2			50	50	2

**Note: Student Project Details – Maximum 50 Marks Minimum 20Marks
Credits – 04 Group size: Maximum 4 members group**

**CHAIRMAN, BOS
COMPUTER SCIENCE
ANWAR UL ULOOM COLLEGE**

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

**Head
Computer Science & Engineering
Engineering (A)**

PRINCIPAL

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

ANWAR UL ULOOM COLLEGE
DEPARTMENT OF ELECTRONICS
COURSE DETAIL



Semester	Course/Paper	Code No	Teaching Hours Per week	No of Credits
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
III	Paper -III (Theory)	6312	4hrs	4
	• Power Supplies & Analog Circuits Paper -III(PS & AC-LAB) (SECC-I)	6312P	2hrs	1
	• (a) Communication Skill	A6312	2hrs	2
	(b) Professional Skill	A6312	2hrs	2
	(SECC-II)	16412	2hrs	2
	(a) Digital Signal Processing • (b) Modern communication System	16412	2hrs	2
IV	Paper -IV (Theory) Applications of Operational Amplifier and Communication Paper-IV(AOP&C-LAB) SECC-III	6412	4hrs	4
		6412P	2hrs	1
	(a) Leadership and Managerial Skills (b) Universal Human values(ethics)	A6512	2hrs	2

ANWARUL ULOOM COLLEGE, DEPARTMENT OF ELECTRONICS

Internal Head
 Anwarul Uloom College
 New Mallepally, Hyderabad.
 Department of Physics
 University College of Science
 Osmania University.

Head of the Dept of Electron
 Anwar-ul-loom College, Malle
 New Mallepally, Hyderabad-01.
 Hyderabad.

Anwarul Uloom College (Autonomous)

Department of Biotechnology

B. Sc (B.C. M.C)

Subject: BIOTECHNOLOGY (2022 – 2023)

No.	Year	Sem	Paper / Title	Teaching Hours /Week	Units	Credits	Marks		
							Internal assessment	Semester	Total
1	2022 - 2023	I	Cell Biology & Genetics - Theory	4	4	4	20	80	100
2			Cell biology & Genetics -Practical	2	-	1	-	50	50
3			Environmental science (AECC-I)	2	-	2	-	50	50
4		II	Nucleic acids & Biochemistry Theory	4	4	4	20	80	100
5			Nucleic Acids & Biochemistry -Practical	2	-	1	-	50	50
6			Basic Computer Skills (AECC-II)	2	-	2	-	50	50
7		III	Molecular biology & rDna Technology - Theory	4	4	4	20	80	100
8			Molecular biology & rDna Technology -- Practical	2	-	1	-	50	50
9			SEC- I A) Communication Skills Or B) Professional Skills	2	-	2	-	50	50
10	2021 - 2022	IV	A) Industrial fermentation Or B) Immunological techniques	2	2	2	-	50	50
11			Biostatistics & Bioinformatics Theory	4	4	4	20	80	100
12			Biostatistics & Bioinformatics Practical	2	-	1	-	50	50
13	2020 - 2021	V	SEC- III A) Leadership & Management Skills Or B) Universal Human Values	2	-	2	-	50	50
14			SEC- IV A) Molecular markers in plant breeding Or B) Drug designing	2	2	2	-	50	50
15			Elective – A Plant biotechnology- Theory Elective – B Medical biotechnology - Theory	4	4	4	15	35	50
16	2020 - 2021	VI	Elective – A Plant biotechnology – Practical Elective – B Medical biotechnology – Practical	2	-	1	-	25	25
17			Basics in biotechnology -- (GE-I)	4	4	4	-	50	50
18			Elective – A - Animal biotechnology - Theory Elective – B - Environmental biotechnology - Theory	4	4	4	15	35	50
19	2020 - 2021	VI	Elective – A Animal biotechnology – Practical Elective – B Environmental biotechnology -Practical	2	-	1	-	25	25
20			Research methodology/ project	-	-	4	-	100	100

AECC – Ability Enhancement Compulsory Course

SEC – Skill Enhancement Compulsory Course

GE – Generic Electives

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

Head of the Department
CHAIRPERSON
BOARD OF STUDIES
Department of Biotechnology
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad-01.
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad-01.

DEPARTMENT OF MATHEMATICS



Anwarul Uloom College
 Autonomous & Accredited 'A' Grade by NAAC
 Affiliated to Osmania University
 New Mallepally, Hyderabad - 500001



2 nd YEAR	III	6314 T	5	5	5	20	80	100
		Real Analysis						
		(SECC-I)	2	2	2	-	50	50
		(A) Communication Skills (or)						
		(B) Professional Skills						
2 nd Year	III	SECC-II	2	2	2	-	50	50
		(A) Introduction to Laplace Transform (or)						
		(B) Commercial Mathematics						
2 nd YEAR	IV	6414T	5	5	5	20	80	100
		Algebra						
		SECC-III	2	2	2	-	50	50
		(A) Leadership and Management Skills (or)						
		(B) Universal Human Values						

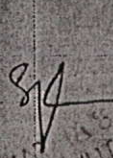
Head
 Department of Mathematics
 Anwarul Uloom College
 New Mallepally, Hyderabad.

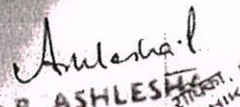
Head
 Department of Mathematics
 Osmania University
 Hyderabad-500 007.

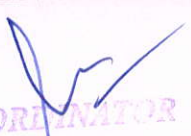
PRINCIPAL
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad-01.


DEPARTMENT OF NUTRITION

			Leadership & Mgmt.skills- (SECC-III) or	2	-	2	-	50	50
			Universal Human Values - (SECC-III)	"	"	"	"	"	"
12			Diet Counseling Skills (SECC-IV) or	2	-	2	-	50	50
			Strategies For Weight Management (SECC-IV)	"	-	"	-	"	"
13	3rd Year 22-23	V	A- CLINICAL DIETETICS (THEORY)	4	4	4	15	35	50
14			A CLINICAL DIETETICS (PRACTICAL) OR	2	-	1	-	25	25
17			B - DIET THERAPY (THEORY)	4	4	4	15	35	50
			B - DIET THERAPY (PRACTICAL)	2	-	2	-	25	25
18			SOI NUTRITION, HEALTH AND FITNESS (THEORY) (GE- I)	-	4	4	-	50	50
19	3rd Year 22-23	VI	PUBLIC HEALTH NUTRITION (THEORY)	4	4	4	15	35	50
20			PUBLIC HEALTH NUTRITION (PRACTICAL) (OR)	2	-	1	-	25	25
23			B - COMMUNITY NUTRITION (THEORY)	4	4	4	15	35	50
			B - COMMUNITY NUTRITION (PRACTICAL)	2	-	1	-	25	25
25			Project (OY)	4	-	4	-	50	50
			Interuship (OY)		-	4	-	50	50
			Nutrition and Yoga for Health (Optional Paper)	4	-	4	-	50	50


 SUJAY K. BISHNUPUR
 HOD NUTRITION DEPT.
 YASHODA HOSPITAL
 Malakpet, Hyderabad
 Department of Applied Nutrition
 Sarojini Naidu Vanita Maha Vidyalaya
 Dept. of Nutrition & Dietetics
 ANWARUL-ULOOM COLLEGE
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 Telangana-500 001.


 Dr. P. ASHLESH
 HEAD
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 Dr. M. S. RADHIKA
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Semester I

BZC- Botany

Sem I	Core Subject	Units	Hours	Credits	Internal	External	Total	Duration
DSC	Paper I Microbial diversity in lower plants	4	4	4	20	80	100	3 Hrs
DSC	Practical	-	3	1	-	-	50	3 Hrs
AECC I	Environmental Sciences	2	2	2	-	-	50	2 Hrs

Semester II

Sem-II	Core Subject	Units	Hours	Credits	Internal	External	Total	Duration
DSC	Paper II Gymnosperms, Taxonomy & Ecology	4	4	4	20	80	100	3 Hrs
DSC	Practicals	-	3	1	-	-	50	3 Hrs
AECC I	Basic Computer Skills	2	2	2	-	-	50	2 Hrs

Semester III

Sem III	Core Subject	Units	Hours	Credits	Internal	External	Total	Duration
DSC	Paper III: Anatomy & Embryology	4	4	4	20	80	100	3 Hrs
DSC	Practicals	-	3	1	-	-	50	3 Hrs
SEC I	A Communication Skills / or B Professional Skills	2	2	2	-	-	50	2 Hrs
SEC II	A Nursery & Gardening / or B Biofertilizers & Organic Farming	2	2	2	-	-	50	2 Hrs

Semester IV

Sem IV	Core Subject	Units	Hours	Credits	Internal	External	Total	Duration
DSC	Paper IV: Cell Biology, Genetics & Ecology	4	4	4	20	80	100	3 Hrs
DSC	Practicals	-	3	1	-	-	50	3 Hrs
SEC III	A Leadership & Management Skills / B Universal Human Values	2	2	2	-	-	50	2 Hrs
SEC IV	A Green House technology / or B Mushroom Culture technology	2	2	2	-	-	50	2 Hrs

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7	2nd Year	III	Animal Physiology (Theory)	4	4	4	20	80	100
8			Animal Physiology Practicals	2	-	1	-	-	50
9			(SECC - I)						
			a) Communication Skills OR b) Professional Skills	2	2	2	-	50	50
			(SECC - II)						
			a) Vectors OR b) Vermiculture	2	2	2	-	50	50
10	2nd Year	IV	Cell Biology, Genetics & Evolution - Theory	4	4	4	20	80	100
11			Cell Biology, Genetics & Evolution - Practical	2	-	1	-	-	50
12			(SECC - III)						
			a) Leadership and Management Skills OR b) Universal Human Values						
			(SECC - IV)						
			a) Apiculture OR b) Biodiversity Conservation and Eco-tourism						

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 2022-23	Paper – I (Theory) Mechanics	6118	4 hours	4
	Mechanics - Lab AECC-I	6118P	2 hours	1
	Environmental Science		2 hours	2
II 2022-23	Paper – II (Theory) Thermal Physics	6218	4 hours	4
	Thermal Physics - Lab AECC-II	6218P	2 hours	1
	Basic Computer Skills		2 hours	2
III 2021-22	Paper – III (Theory) Electromagnetic Theory	6318	4 hours	4
	Electromagnetic Theory - Lab SECC-I	6318P	2 hours	1
	(a) Communication Skills (OR)		2 hours	2
	(b) Professional Skills SECC-II			
	(a) Solar Energy and its Collectors (OR)		2 hours	2
(b) Storage and Utilization of Solar Energy				
IV 2021-22	Paper – IV (Theory) Waves & Optics	6418	4 hours	4
	Optics - Lab SECC-III	6418P	2 hours	1
	(a) Leadership and Management Skills (OR)		2 hours	2
	(b) Universal Human Values (Ethics) SECC-IV			
	(a) Solar Energy (OR)		2 hours	2
(b) Chemical Energy				
V 2020-21	Paper – V (Elective) A: Modern Physics (Theory) ** Elective - I	6518A	4 hours	4
	A: Modern Physics (Lab) (OR)	6518AP	2 hours	1
	B: Computational Physics (Theory) ** Elective - II	6518B	4 hours	4
	B: Computational Physics (Lab) GE-I	6518BP	2 hours	1
	Mechanical Energy		4 hours	4
VI 2020-21	Paper – VI (Elective) A: Electronics (Theory) ** Elective - I	6618A	4 hours	4
	A: Electronics (Lab) (OR)	6618AP	2 hours	1
	B: Applied Optics ** Elective - II	6618B	4 hours	4
	B: Applied Optics (Lab) GE-II	6618BP	2 hours	1
	Geothermal Energy		4 hours	4

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DEPT OF CHEMISTRY

		1 st AECC-I Environmental Studies		2 Hrs	1
II		Paper-II (Theory)	6209	4 Hrs	4
		Paper-II (Practicals)	6209 P	2 Hrs	1
		AECC-II Basic Computer Skills		2 Hrs	2
III		Paper-I (Theory)	6309	4 Hrs	4
		Paper-II (Practicals)	6309P	2 Hrs	1
		SECCII: Rules In Chemistry Laboratory	A6309	2 Hrs	1
IV		Paper-IV (Theory)	6409	4 Hrs	4
		Paper-IV (Practicals)	6409P	2 Hrs	1
		SECCIV: Preparation Of Lab Reagents	I6409	2 Hrs	1
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		2Hrs	1
VI			G6509		4
		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)	I6609VIP1	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 <i>Advanced chemistry project</i>	G6609	2Hrs	1	

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BBM (CBCS)
(w.e.f 2022-2023)

Faculty of Business Administration

**IV - SEMESTER
SEC- III
UNIVERSAL HUMAN VALUES**

Paper Code: SEC-III
Credits :2
PPW : 2

Max. Marks:50
Exam Duration:2Hrs

Course Objectives:

- CO1:To help students understand the importance of values in individual- social- career- and national life.
CO2:To motivate students to learn from lives of great and successful people who followed and practiced human values and achieved self-actualization.
CO3:To convey the message of Universal Human Values and encourage students to practice the Universal Human Values for a developing a better society.
CO4:Student will be able to do self- exploration- Self-evaluation and achieve self development
CO5:Apply professional ethics in their future profession & contribute for making a value based society.

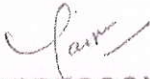
Course Outcomes:

By the end of the course the learners will be able to:

- CO1: Know about universal human values and understand the importance of values in individual- social circles- career path- and national life.
CO2: Learn from case studies of lives of great and successful people who followed and practiced human values and achieved self-actualization.
CO3: Become conscious practitioners of human values.
CO4: Realize their potential as human beings and conduct themselves properly in the ways of the world.

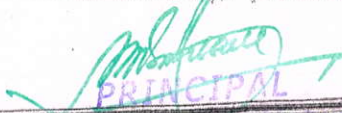
UNIT-I: LOVE & COMPASSION

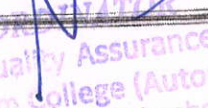
1. Introduction: What is love? Forms of love—for self- parents- family- friend- spouse- community- nation- humanity and other beings- both for living and non-living
1. Love and compassion and inter-relatedness
2. Love- compassion- empathy- sympathy and non-violence
3. Individuals who are remembered in history for practicing compassion and love.
4. Narratives and anecdotes from history- literature including local folklore
5. Practicing love and compassion: What will learners learn gain if they practice love and compassion? What will learners lose if they don't practice love and compassion?
6. Sharing learner's individual and/or group experience(s)
7. Simulated Situations
8. Case studies


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New Mallepally, Hyderabad-T.S. India.

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Prof. R. NAGESWAR RAO
MBA., Ph.D., DCO.
Dept. of Business Management
Osmania University, Hyderabad-07.


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New Mallepally, Hyderabad.

UNIT-II: TRUTH

Introduction: What is truth? Universal truth- truth as value- truth as fact (veracity- sincerity- honesty among others)

1. Individuals who are remembered in history for practicing this value
2. Narratives and anecdotes from history- literature including local folklore
3. Practicing Truth: What will learners learn/gain if they practice truth? What will learners lose if they don't practice it?
4. Learners' individual and/or group experience(s)
5. Simulated situations
6. Case studies

UNIT- III: NON-VIOLENCE

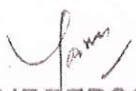
1. Introduction: What is non-violence? Its need. Love- compassion- empathy sympathy for others as pre-requisites for non-violence
2. Ahimsa as non-violence and non-killing
3. Individuals and organizations that are known for their commitment to non- violence
4. Narratives and anecdotes about non-violence from history- and literature including local folklore
5. Practicing non-violence: What will learners learn/gain if they practice non-violence? What will learners lose if they don't practice it?
6. Sharing learner's individual and/or group experience(s) about non-violence
7. Simulated situations
8. Case studies

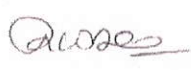
UNIT-IV: RIGHTEOUSNESS & PEACE


1. Introduction: What is righteousness?
2. Righteousness and *dharma*- Righteousness and Propriety
3. Individuals who are remembered in history for practicing righteousness
4. Narratives and anecdotes from history- literature including local folklore
5. Practicing righteousness: What will learners learn/gain if they practice righteousness? What will learners lose if they don't practice it?
6. Sharing learners' individual and/or group experience(s)
7. Simulated situations
8. Case studies


PEACE

1. Introduction: What is peace? Its need- relation with harmony and balance
2. Individuals and organizations that are known for their commitment to peace
3. Narratives and Anecdotes about peace from history- and literature including local folklore
4. Practicing peace: What will learners learn/gain if they practice peace? What will learners lose if they don't practice it?
5. Sharing learner's individual and/or group experience(s) about peace
6. Simulated situations
7. Case studies


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Department of Business Administration
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New Mallepally, Hyderabad-01.

UNIT-V: SERVICE & RENUNCIATION (SACRIFICE)

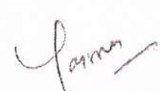
1. Introduction: What is service? Forms of service- for self- parents- family- friend-spouse- community- nation- humanity and other beings—living and non-living- persons in distress or disaster.
2. Individuals who are remembered in history for practicing this value.
3. Narratives and anecdotes dealing with instances of service from history- literature including local folklore
4. Practicing service: What will learners learn/gain if they practice service? What will learners lose if they don't practice it?
5. Sharing learners' individual and/or group experience(s) regarding service
6. Simulated situations
7. Case studies


RENUNCIATION (SACRIFICE)

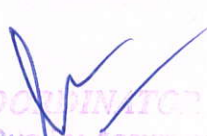
1. Introduction: What is renunciation? Renunciation and sacrifice. Self-restrain and Ways of overcoming greed. Renunciation with action as true renunciation
2. Individuals who are remembered in history for practicing this value.
3. Narratives and anecdotes from history and literature- including local folklore about individuals who are remembered for their sacrifice and renunciation.
4. Practicing renunciation and sacrifice: What will learners learn/gain if they practice Renunciation and sacrifice? What will learners lose if they don't practice it?
5. Sharing learners' individual and/or group experience(s)
6. Simulated situations
7. Case studies

SUGGESTED BOOKS

1. A Foundation Course in Human values and Professional Ethics- R.R. Gaur- R. Sangal- G.P Bagaria- Excel books-
2. Universal Human Values- Archana Sharma- Iftexhar Ahmed- Asian publications
3. Professional Ethics and Human Values- R.S. Naagarazan- New Age International Publishers-
4. UGC—Jeevan Kaushal


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IV - SEMESTER
SEC – III
LEADERSHIP AND MANAGEMENT SKILLS (OR)

Paper Code: SEC-III	Max. Marks:50
Credits :2	Exam Duration:2Hrs
PPW : 2	

Course Objectives:

- CO1.To develop critical thinking- managerial abilities and organisation skills in students
- CO2.To equip the students to take effective decisions by coordinating the teams
- CO3.To enhance the capabilities of being team members and manage networks
- CO4. Help students to develop essential skills to influence and motivate others.
- CO5. Inculcate emotional and social intelligence and integrative thinking for effective leadership

Course Outcomes:

- CO1: Student will understand and use the process of effective decision making
- CO2: Develop self-awareness and self-management skills
- CO3: Demonstrate effective interpersonal competence
- CO4: Examine various leadership models and understand/assess their skills- strengths and abilities that affect their own leadership style and can create their leadership vision
- CO5: Learn and demonstrate a set of practical skills such as time management- self management- handling conflicts- team leadership- etc.

UNIT-I- LEADERSHIP SKILLS

A. Understanding Leadership and its Importance: What is leadership?- Why Leadership required? Whom do you consider as an ideal leader?

B. Traits and Models of Leadership

Are leaders born or made? - Key characteristics of an effective leader -Leadership styles - Perspectives of different leaders

C. Basic Leadership Skills: Motivation - Team work - Negotiation - Networking

UNIT-II MANAGERIAL SKILLS

Basic Managerial Skills: Planning for effective management - How to organise teams?- Recruiting and retaining talent - Delegation of tasks -Learn to coordinate -Conflict management

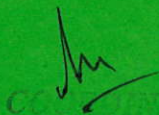
Self Management Skills : Understanding self concept - Developing self-awareness -Self-examination - Self-regulation

UNIT- III - ENTREPRENEURIAL SKILLS

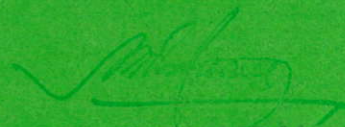
Basics of Entrepreneurship: Meaning of entrepreneurship - Classification and types of entrepreneurship - Traits and competencies of entrepreneur

Creating Business Plan: Problem identification and idea generation - Idea validation -Pitch making

SEMESTER- V



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B.A/B.Com (All Streams) B.Sc (All Streams) & BBA (CBCS)
(W.E.F. 2022-23)

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	4	20	80	100	3 Hrs.
SECC-I	Professional Skills	2	2	2		50	50	2 Hrs.
SECC-II	Different Modes of Writing in English	2	2	2		50	50	2 Hrs.
IV Sem.	English - IV	3	3	4	20	80	100	3 Hrs.
SECC-III	Leadership Management	2	2	2		50	50	2 Hrs.
SECC-IV	Vocabulary in Introduction	2	2	2		50	50	2 Hrs.
V Sem.	English -V	3	3	3	20 (15)	35 (50)	50 (100)	2 Hrs. 3 hr
GE-I	L.S.R.W. Skills	2	2	2		50	50	2 Hrs.
VI Sem.	English -VI	3	3	3	20 (15)	35 (80)	50	2 Hrs. 3 hr
GE-II	Grammar	2	2	2		50	50	2 Hrs.

Capt. Dr. Kausar Begum Khan

Head Department of English

Anwar Uloom Degree College For Women

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Chairman

Board of Studies

Department of English

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DR. G. NIRMAL KRISHNA
PROFESSOR,
DEPT. OF ENGLISH
OSMANIA UNIVERSITY, HYD.-7.

DEPT. OF ARABIC

			Information Technology & Functional Arabic (SECC III & IV)						
9	III Year	V	Arabic - V Annasrul Qadeem, Jadeed, Translation, Al Shahr, Tariqul Adabul Arabi (Sec. Language Arabic)	3	3	3	15	35	50
10			GE I	2	2	2	-	50	50
11	III Year	VI	Arabic - VI Annasrul Jadeed, Compositions and History of Arabic literature. (Sec.Lang. Arabic)	3	3	3	15	35	50
12			G.E II.	2	2	2	-	50	50

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



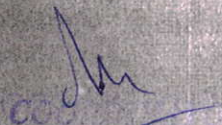
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 New Mallepally, Hyderabad.



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



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B.A (EHP) – ENGLISH LITERATURE (W.E.F. 2022-23)

SEMESTER	SUBJECT TITLE	UNITS	HPW	CREDITS	INTERNAL	EXTERNAL	TOTAL	Duration
I DSC	Introduction to English Language and Literature	5	5	5	20	80	100	3
AECC-I	Environmental Studies	2	2	2		50	50	2
II DSC	English Poetry,	5	5	5	20	80	100	3
AECC-II	Basic Computer Skills	2	2	2		50	50	2
III DSC	English Drama	5	5	5	20	80	100	3
SECC-I	Professional skills	2	2	2		50	50	2
SECC-II	Different Modes of Writing in English	2	2	2		50	50	2
IV	English Fiction	5	5	5	20	80	100	3
SECC-III	Leadership Management	2	2	2		50	50	2
SECC-IV	Vocabulary an Introduction	2	2	2		50	50	2
V DSC	English Discipline Specific Elective(DSE) A. Modern Indian Literature or B. Women's Writing.	5	5	5	20	80	100	3
GE	English Generic Elective(GE) English for Academic and Professional Purposes	4	4	4	20	80	100	3
VI	English Discipline Specific Elective(DSE) A. American Literature B. Contemporary World Literature.	4	4	4	20	80	100	3
English Project Paper/Theory	Project/ Literary Criticism and Theory	4		4		100	100	3

Capd DR. KAUSER BOGUM KHAN

Head Department of English

Anwar Uloom Degree College for Women

Malleshpally, Hyderabad

Dr. C. MURALIKRISHNA

PROFESSOR,
DEPT. OF ENGLISH
OSMANIA UNIVERSITY, HYD.-7.

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(An Autonomous Muslim Minority Institution)
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(Affiliated to Osmania University)



Faculty of Social Sciences Department of Psychology

B. A. (English Literature, History & Psychology)

(2022 - 23)

Sem./ Paper	ELS (1)	SL5 (2)	AEC / SEC 13 (3)	SEC24 / GE/PR (4)	DSC / DSE (5T)	DSC / DSE (5P)	DSC / DSE (6)	DSC / DSE (7)	Total Credits
I	English (First Language) (4HPW)	Second Language (4HPW)	Environmental Science / Basic Computer Skills (2HPW)		DSC (101) (5HPW) General Psychology		(6HPW)	(5HPW)	25
II	English (First Language) (4HPW)	Second Language (4HPW)	Environmental Science / Basic Computer Skills (2HPW)		DSC (201) (5HPW) Personality Theories and Assessment		(6HPW)	(5HPW)	25
III	English (First Language) (3HPW)	Second Language (3HPW)	SEC-1 (2HPW) Life Skills	SEC-2 (2HPW) Psychology In Professional Settings	DSC (301 T) (4HPW) Social Psychology	DSC (301 P) (2HPW) Experimental Psychology	(5HPW)	(5HPW)	25
IV	English (First Language) (3HPW)	Second Language (3HPW)	SEC-3 (2HPW) Stress Management and Well Being	SEC-4 (2HPW) Health Behaviour and Lifestyles	DSC (401 T) (4HPW) Abnormal Psychology	DSC (401 P) (2HPW) Experimentation In Behavioural Phenomena	(6HPW)	(5HPW)	25
V	English (First Language) (3HPW)	Second Language (3HPW)		GE (4HPW) Psychological Competencies	DSC (501 T) (4HPW) (A) Child Psychology (B) Educational Psychology	DSC (501 P) (2HPW) Psychological Testing	(6HPW)	(5HPW)	25
VI	English (First Language) (3HPW)	Second Language (3HPW)		Research In Psychology & Project Work (2 T + 4 R)	DSE (601 T) (4HPW) (A) Adolescent Psychology (B) Health Psychology	DSC (601 P) (2HPW) Psychological Assessment	(6HPW)	(5HPW)	25
Total	20	20	8	12	30		30	30	150
Credits under Non - CGPA			NSS/NCC/Sports/Extra Curricular				Up to 6 (2 in each year)		
			Summer Internship				Up to 4 (2 in each year) I & II Year		

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

Chairperson
Board of Studies in Psychology
Osmania University,
500 007

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PRINCIPAL

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



ANWARUL ULOOM COLLEGE (AUTONOMOUS)
 (An Autonomous Muslim Minority Institution)
 New Mallepally, Hyderabad-500001 T.S , India
 (Affiliated to Osmania University)
 FACULTY OF SOCIAL SCIENCES

DEPARTMENT OF POLITICAL SCIENCES

7	2 ND		IV DSC	CONSTITUTION AND POLITICS OF INDIA	2 0	8 0	5	5
8	YEA R	IV	SECC -III	A. LEADERSHIP & MGMT SKILLS OR B. UNIVERSAL HUMAN VALUES		5 0	2	2
			SECC -IV	A. INDIAN FREEDOM MOVT OR B. INDIAN CONSTITUTION		5 0	2	2
9	3 RD YEA R 2020- 21		V. DSC	INTERNATIONAL RELATIONS	1 5	3 5	5	5
10			GE - I	REFORM MOVEMENTS IN INDIA			4	4
11			VI DSC	GLOBAL POLITICS	1 5	3 5	5	5
12			GE - II	WOMEN STUDIES-AN INTRODUCTION			4	4

AECC = ABILITY ENHANCEMENT COMPULSORY COURSE

DSC = DISCIPLINE SPECIFIC COURSE.

GE: General elective & SECC III & SECC IV included.

INTERNAL QUALITY ASSURANCE CELL
 ANWARUL ULOOM COLLEGE (AUTONOMOUS)
 NEW MALLEPALLY, HYDERABAD

CHAIRPERSON
 BOARD OF STUDIES
 Department of Political Science
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad

PRINCIPAL
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad
 Assistant Professor
 Department of Political Science
 Osmania University, Hyderabad.



DEPARTMENT OF ECONOMICS

B.A. (EPP)

(APPROVAL OF SYLLABUS FOR THE ACADEMIC YEAR 2022-2023)



YEAR	SEM	PAPER	TITLE	UNITS	THPW	A	ESE	TOTAL	CREDITS
1	I	I	Micro Economics	5	5	20	80	100	5
		AECC-I	Environmental Studies	2	2	—	50	50	2
	II	II	Macro Economics	5	5	20	80	100	5
		AECC-II	Basic Computer Skills	2	2	—	50	50	2
	III	III	Statistics For Economics	5	5	20	80	100	5
		SEC-I	Communication skills	—	2	—	50	50	2
2	III	SEC-I	Professional skills	—	2	—	50	50	2
		SEC-II	Money and Banking	—	2	—	50	50	2
	IV	IV	Environmental Economics	5	5	20	80	100	5
		SEC-III	Indian Economy Leadership and Mgmt.	—	2	—	50	50	2
	IV	IV	Universal Human Values	—	2	—	50	50	2
		SEC-IV	Industrial Economics	—	2	—	50	50	2
3	V	V	Entrepreneurship and Development	5	5	15	35	50	5
		GE-I	Rural Development Economics	4	2	—	50	50	4
	VI	VI	International Economics	5	5	15	35	50	5
		Project Or Additional subject	Financial Economics	4	2	—	50	50	2

THPW : Teaching Hour per Week, ESE : End Semester Exam, IA: Internal Assessment, SEM: Semester.

Chairman

Board of Studies
Dept of Economics
Osmania University
Hyderabad-500 007

TPAL

College (Autonomous)
Hyderabad-01.

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
							25 Hrs	25
Total								
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
COO

Prof. R. NAGESWAR R
Anwarul Uloom College, Auton. R.D.S.P
New Mallapally, Hyderabad
Dept. of Business Management
Osmania University, Hyderabad

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New Mallapally, Hyderabad.

SEMESTER – V						
27.	ELS5	English (First Language)	3	3		
28.	SLS5	Second Language	3	3		
29.	GE	a) Business Economics/ b) Advanced Aspects of Income Tax	4	4	3 hrs	80U+20I
30.	DSE501	a) Cost Accounting/ b) Financial Planning & Performance/ c) International Financial Reporting-I	5	5	3 hrs	80U+20I
31.	DSE502	a) Computerized Accounting/ b) Financial Decision Making-I/ c) International Tax & Regulation	3T+4P/5	5	3 hrs	50T+35P + 15I/ 80U+20I
32.	DSE503	Auditing/ b) Advanced Corporate Accounting/ c) Financial Management	5	5	3 hrs	80U+20I
		Total	27/25	25		
SEMESTER – VI						
33.	ELS6	English (First Language)	3	3		
34.	SLS6	Second Language	3	3		
35.	PR	Research Methodology and Project Report	2T+4R	4	1 ½ hrs	40U+10I 35R+15V V
36.	DSE601	a) Cost Control and Management Accounting/ b) Financial control/ c) International Financial Reporting-II	5	5	3 hrs	80U+20I
37.	DSE602	a) Theory and Practice of GST/ b) Financial Decision Making-II / c) International Auditing	3T+4P/5	5	3 hrs	50T+35P + 15I/ 80U+20I
38.	DSE603	a) Accounting Standards/ b) Corporate Governance/ c) Investment Management	5	5	3 hrs	80U+20I
		Total	29/27	25		
		GRAND TOTAL	156/152	150		

Chandra
Dean
Faculty of Commerce
Osmania University,
Hyderabad - 500 007

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

Bojani
CHAIRPERSON
BOARD OF STUDIES IN COMMERCE
ANWAR UL ULOOM COLLEGE
HYDERABAD-50001, T.S.
Anwarul Uloom College (Autonomous)
New Malleshpally, Hyderabad-01.

DEPARTMENT OF ELECTRONICS

		SECC-IV (a) PIC & ATMEL Microcontroller (b) Microprocessor & Microcontroller	16612	2hrs	2
3rd Year	V	Paper V(Elective)			
		Digital Electronics(Theory)**Elective -I	6512	4hrs	4
		Digital Electronics (Lab)	6512P	2hrs	1
		Microprocessor8085(Theory)**Elective-II	6513	4hrs	4
	Microprocessor8085 (Lab)	6513P	2hrs	1	
	GE-I Information technology-1				
			G6513	4hrs	4
VI	Paper -VI(Elective)				
	Fundamental of Embedded Systems (Theory)**Elective-I (ES-LAB)	6612	4hrs	4	
		6612P	2hrs	1	
	Microcontroller8051(Theory)**Elective-II (MP 8051-LAB)	6613	4hrs	4	
		6613P	2hrs	1	
	GE -II Information technology-2				
			G6613	4hrs	4



[Signature]
HEAD

Department of Physics
University College of Science
Osmania University,
Hyderabad-500 007. T.S.

[Signature]
COORDINATOR

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

[Signature]

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

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

Anwarul Uloom College (Autonomous)
Department of Biotechnology

B. Sc (Bt. M.C)
 Subject: BIOTECHNOLOGY (2022 – 2023)

Sl. No.	Year	Sem	Paper / Title	Teaching Hours /Week	Units	Credits	Marks			
							Internal Assessment	Semester	Total	
1	2022 - 2023	I	Cell Biology & Genetics –Theory	4	4	4	20	80	100	
2			Cell biology & Genetics –Practical	2	-	1	-	50	50	
3			Environmental science (AECC-I)	2	-	2	-	50	50	
4		II	Nucleic acids & Biochemistry Theory	4	4	4	20	80	100	
5			Nucleic Acids & Biochemistry –Practical	2	-	1	-	50	50	
6			Basic Computer Skills (AECC-II)	2	-	2	-	50	50	
7	2021 - 2022		Molecular biology & rDna Technology -- Theory	4	4	4	20	80	100	
8			Molecular biology & rDna Technology -- Practical	2	-	1	-	50	50	
9		III	SEC- I A) Communication Skills Or B) Professional Skills	2	-	2	-	50	50	
10			SEC – II A) Industrial fermentation Or B) Immunological techniques	2	2	2	-	50	50	
11		2021 - 2022	IV	Biostatistics & Bioinformatics Theory	4	4	4	20	80	100
12				Biostatistics & Bioinformatics Practical	2	-	1	-	50	50
13				SEC- III A) Leadership & Management Skills Or B) Universal Human Values	2	-	2	-	50	50
14				SEC- IV A) Molecular markers in plant breeding Or B) Drug designing	2	2	2	-	50	50
15				2020 - 2021	V	Elective – A Plant biotechnology- Theory	4	4	4	15
16		Elective – B Medical biotechnology - Theory	4			4	4	15	35	50
17	Elective – A Plant biotechnology – Practical	2	-			1	-	25	25	
18	Elective – B Medical biotechnology – Practical	2	-		1	-	25	25		
19	VI	Basics in biotechnology – (GE- I)	4		4	4	-	50	50	
20		Elective – A - Animal biotechnology – Theory	4		4	4	15	35	50	
21		Elective – B - Environmental biotechnology - Theory	4	4	4	15	35	50		
22			Elective – A Animal biotechnology – Practical	2	-	1	-	25	25	
23			Elective – B Environmental biotechnology –Practical	2	-	1	-	25	25	
24			Research methodology/ project			4	-	100	100	

AECC – Ability Enhancement Compulsory Course

SEC – Skill Enhancement Compulsory Course

GE – Generic Electives

Dr. Anita C. Pawar
 Associate Professor
 Department of Biotechnology
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad-01.

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

Dr. Jyoti

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

Head of the Department
CHAIRPERSON
BOARD OF STUDIES
 Department of Biotechnology
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad-01.

DEPARTMENT OF NUTRITION

			Leadership & Mgmt.skills- (SECC-III) or	2	-	2	-	50	50
			Universal Human Values - (SECC-III)	"	"	"	"	"	"
12			Diet Counseling Skills (SECC-IV) or	2	-	2	-	50	50
			Strategies For Weight Management (SECC-IV)	"	-	"	-	"	"
13	3rd Year 22-23	V	A- CLINICAL DIETETICS (THEORY)	4	4	4	15	35	50
14			A CLINICAL DIETETICS (PRACTICAL) OR	2	-	1	-	25	25
17			B - DIET THERAPY (THEORY)	4	4	4	15	35	50
			B - DIET THERAPY (PRACTICAL)	2	-	2	-	25	25
18			501 NUTRITION, HEALTH AND FITNESS (THEORY) (GE- I)	-	4	4	-	50	50
19	3rd Year 22-23	VI	PUBLIC HEALTH NUTRITION (THEORY)	4	4	4	15	35	50
20			PUBLIC HEALTH NUTRITION (PRACTICAL) (OR)	2	-	1	-	25	25
23			B - COMMUNITY NUTRITION (THEORY)	4	4	4	15	35	50
			B - COMMUNITY NUTRITION (PRACTICAL)	2	-	1	-	25	25
25			Project (0Y)	4	-	4	-	50	50
			Internship (0Y)			4		50	50
			Nutrition and Yoga for Health (Optional Paper)	4	-	4		50	50

Sujata
 SUJATA K. SHETKAR
 HOD NUTRITION DEPT.
 YASHODA HOSPITAL
 Malakpet, Hyderabad-500006

Head
 Department of Applied Nutrition
 Sarojini Naidu Vanita Maha Vidyalaya
 Hyderabad-500006

H. Asha
 Dept. of Nutrition & Dietetics
 ANWARUL-ULOOM COLLEGE
 New Mallepally, Hyderabad,
 Telangana-500 001.

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

Ashlesha
 DR. P. ASHLESHA
 HEAD
 DEPT. OF NUTRITION
 DR. M. S. RADHIKA
 Dept. of Nutrition
 Anwarul Uloom College
 New Mallepally, Hyderabad-01.

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

DEPARTMENT OF Zoology

13	3rd Year	V	a) Zoology V (Biochemistry and Endocrinology)- Theory OR	4	4	4	15	35	50
14			a) Zoology V ((Biochemistry and Endocrinology) - Practicals OR	2	-	1	-	25	25
15			b) Zoology V - Laboratory Animals Maintenance and Applications - Theory	4	4	4	15	35	50
16			b) Zoology V -- Laboratory Animals Maintenance and Applications - Practicals	2	-	1	-	25	25
17			Apiculture - (GE - I)	2	2	2	-	50	50
18			Preventive Medicine - (GE - II)	2	2	2	-	50	50
19	3rd Year	VI	a) Zoology VI (Fisheries & Limnology) - Theory OR	4	4	4	15	35	50
20			a) Zoology VI (Fisheries & Limnology) - Practicals	2	-	1	-	25	25
21			b) Zoology VI (Immunology & Biotechnology) - Theory	4	4	4	15	35	50
22			b) Zoology VI (Immunology & Biotechnology) - Practicals	2	-	1	-	25	25
23			Project OR	4	4	4	-	50	50
24			Advanced Chemistry	4	4	4	-	50	50

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

[Signature]
Head of the Department

HEAD
Department of Zoology
Anwar-ul-Uloom College (Autonomous)
Mallepally, Hyderabad-500 001. T.S.

[Signature]
PROFESSOR & HEAD
Department of Zoology, UCS,
Osmania University, Hyd-07.

[Signature]
PRINCIPAL

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

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DEPARTMENT OF MICROBIOLOGY

V-SEM	CORE 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 - I	HEAMATOLOGY	2	2	2	-	-	50	2 HRS

VI-SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTRNAL	TOTAL	DURATION
DSE	2 A) INDUSTRIAL MICROBIOLOGY - VI OR 2 B) PHARMACEUTICAL MICROBIOGY- VI	4	4	4	15	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	-

Head of The Department

- 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

[Signature]
Department of Microbiology
Anwarul Uloom College
New Maliepally, Hyderabad-500 007.

[Signature]
Dr. A. MADHURI
Head, Department of Microbiology
Government Degree College For Women
New Maliepally, Hyderabad-500 007.

[Signature]
Head
Department of Microbiology
Anwarul Uloom College
(Autonomous)
Affiliated to Osmania University
New Maliepally, Hyderabad-01.T.S.

PRINCIPAL
Department of Microbiology
Anwarul Uloom College
(Autonomous)
New Maliepally, Hyderabad-01.

[Signature]
Department of Microbiology
Anwarul Uloom College

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 2022-23	Paper – I (Theory) Mechanics	6118	4 hours	4
	Mechanics - Lab AECC-I	6118P	2 hours	1
	Environmental Science		2 hours	2
II 2022-23	Paper – II (Theory) Thermal Physics	6218	4 hours	4
	Thermal Physics - Lab AECC-II	6218P	2 hours	1
	Basic Computer Skills		2 hours	2
III 2021-22	Paper – III (Theory) Electromagnetic Theory	6318	4 hours	4
	Electromagnetic Theory - Lab SECC-I	6318P	2 hours	1
	(a) Communication Skills (OR)		2 hours	2
	(b) Professional Skills SECC-II			
	(a) Solar Energy and its Collectors (OR)		2 hours	2
(b) Storage and Utilization of Solar Energy				
IV 2021-22	Paper – IV (Theory) Waves & Optics	6418	4 hours	4
	Optics - Lab SECC-III	6418P	2 hours	1
	(a) Leadership and Management Skills (OR)		2 hours	2
	(b) Universal Human Values (Ethics) SECC-IV			
	(a) Solar Energy (OR)		2 hours	2
(b) Chemical Energy				
V 2020-21	Paper – V (Elective) A: Modern Physics (Theory) ** Elective - I	6518A	4 hours	4
	A: Modern Physics (Lab) (OR)	6518AP	2 hours	1
	B: Computational Physics (Theory) ** Elective - II	6518B	4 hours	4
	B: Computational Physics (Lab) GE-I	6518BP	2 hours	1
	Mechanical Energy		4 hours	4
VI 2020-21	Paper – VI (Elective) A: Electronics (Theory) ** Elective - I	6618A	4 hours	4
	A: Electronics (Lab) (OR)	6618AP	2 hours	1
	B: Applied Optics ** Elective - II	6618B	4 hours	4
	B: Applied Optics (Lab) GE-II	6618BP	2 hours	1
	Geothermal Energy		4 hours	4

HEAD
Department of Physics
Nizam College, Hyderabad.

Principal
Nizam's Ulloom College (Autonomous)
Hyderabad-01.

Internal Quality Assurance Cell
Nizam's Ulloom College (Autonomous)

DEPARTMENT OF CHEMISTRY

I	1 st AECC-I		2 Hrs	1
	Environmental Studies			
II	Paper-II (Theory)	6209	4 Hrs	4
	Paper-II (Practicals)	6209 P	2 Hrs	1
	AECC-II Basic Computer Skills		2 Hrs	2
	Paper-I (Theory)	6309	4 Hrs	4
III	Paper-II (Practicals)	6309P	2 Hrs	1
	SECC II: Rules In Chemistry Laboratory	A6309	2 Hrs	1
	Paper-IV (Theory)	6409	4 Hrs	4
IV	Paper-IV (Practicals)	6409P	2 Hrs	1
	SECC IV: Preparation Of Lab Reagents	I6409	2 Hrs	1
	Paper V (Theory)	6509	4 Hrs	4
V	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

VI	GE I: Soaps & Detergents	G6509	2 Hrs	1
	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)	I6609VIP1	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	2 Hrs	1

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

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

SEMESTER-VI

ANWARUL ULOOM COLLEGE (AUTONOMOUS)

(A Minority Institution Affiliated to Osmania University, Hyderabad)

Accredited by NAAC with 'A' Grade

B.A/B.Com (All Streams) B.Sc (All Streams) & BBA (CBCS)
(W.E.F. 2022-23)

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	4	20	80	100	3 Hrs.
SECC-I	Professional Skills	2	2	2		50	50	2 Hrs.
SECC-II	Different Modes of Writing in English	2	2	2		50	50	2 Hrs.
IV Sem.	English - IV	3	3	4	20	80	100	3 Hrs.
SECC-III	Leadership Management	2	2	2		50	50	2 Hrs.
SECC-IV	Vocabulary in Introduction	2	2	2		50	50	2 Hrs.
V Sem.	English -V	3	3	3	20 (15)	35 (30)	50	2 Hrs. 3 hr
GE-I	LS.R.W. Skills	2	2	2		50	50	2 Hrs.
VI Sem.	English -VI	3	3	3	20 (15)	35 (30)	50	2 Hrs. 3h
GE-II	Grammar	2	2	2		50	50	2 Hrs.

Capt. Dr. Kausar Begum Khan

Head Department of English

Anwar Uloom Degree College For Women

Mallepally, Hyderabad-T.S.

COORDINATOR

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New Mallepally, Hyderabad.

Chairman

Board of Studies

Department of English

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New Mallepally, Hyderabad-T.S.

M. MURALIKRISHNA
PROFESSOR,
DEPT. OF ENGLISH
OSMANIA UNIVERSITY, HYD.-7.

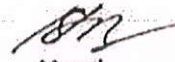
DEPARTMENT OF ARABIC

			Information Technology & Functional Arabic (SECC III & IV)						
9	III Year	V	Arabic - V Annasrul Qadeem, Jadeed, Translation, Al Shair, Tariqul Adabul Arabi (Sec. Language Arabic)	3	3	3	15	35	50
10			GE I	2	2	2	-	50	50
11	III Year	VI	Arabic - VI Annasrul Jadeed, Compositions and History of Arabic literature. (Sec.Lang. Arabic)	3	3	3	15	35	50
12			G.E II.	2	2	2	-	50	50

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



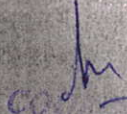
HEAD & CHAIRPERSON
BOARD OF STUDIES
DEPT. OF ARABIC
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad.



Head
 Dept. of Arabic, UCASS
 Osmania University, Hyd-7 (TS)



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 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad.

ANWARUL ULOOM COLLEGE (Autonomous) 276

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



Faculty of Social Sciences Department of Psychology

B. A. (English Literature, History & Psychology) (2022 - 23)

Sem./ Paper	ELS (1)	SLS (2)	AEC / SEC 13 (3)	SEC24 / GE / PR (4)	DSC / DSE (5T)	DSC / DSE (5P)	DSC / DSE (6)	DSC / DSE (7)	Total Credits
I	English (First Language) (4HPW)	Second Language (4HPW)	Environmental Science / Basic Computer Skills (2HPW)		DSC (101) (6HPW) General Psychology		(5HPW)	(5HPW)	25
II	English (First Language) (4HPW)	Second Language (4HPW)	Environmental Science / Basic Computer Skills (2HPW)		DSC (201) (5HPW) Personality Theories and Assessment		(5HPW)	(5HPW)	25
III	English (First Language) (3HPW)	Second Language (3HPW)	SEC-1 (2HPW) Life Skills	SEC-2 (2HPW) Psychology in Professional Settings	DSC (301 T) (4HPW) Social Psychology	DSC (301 P) (2HPW) Experimental Psychology	(5HPW)	(5HPW)	25
IV	English (First Language) (3HPW)	Second Language (3HPW)	SEC-3 (2HPW) Stress Management and Well Being	SEC-4 (2HPW) Health Behaviour and Lifestyles	DSC (401 T) (4HPW) Abnormal Psychology	DSC (401 P) (2HPW) Experimentation in Behavioural Phenomena	(5HPW)	(5HPW)	25
V	English (First Language) (3HPW)	Second Language (3HPW)		GE (4HPW) Psychological Competencies	DSC (501 T) (4HPW) (A) Child Psychology (B) Educational Psychology	DSC (501 P) (2HPW) Psychological Testing	(5HPW)	(5HPW)	25
VI	English (First Language) (3HPW)	Second Language (3HPW)		Research In Psychology & Project Work (2 T + 4 R)	DSE (601 T) (4HPW) (A) Adolescent Psychology (B) Health Psychology	DSC (601 P) (2HPW) Psychological Assessment	(5HPW)	(5HPW)	25
Total	20	20	8	12	30		30	30	150
Credits under Non - CGPA			NSS/NCC/Sports/Extra Curricular		Up to 6 (2 In each year)				
			Summer Internship		Up to 4 (2 In each year after I & II Year)				

Coordinator
Quality Assurance Cell
Chairperson
Board of Studies in Psychology (Autonomous)
Osmania University, Hyderabad.

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



ANWARUL ULOOM COLLEGE (AUTONOMOUS)
 (An Autonomous Muslim Minority Institution)
 New Mallepally, Hyderabad-500001 T.S , India
 (Affiliated to Osmania University)
FACULTY OF SOCIAL SCIENCES

DEPARTMENT OF POLITICAL SCIENCES

7	2 ND YEA R	IV	IV DSC	CONSTITUTION AND POLITICS OF INDIA	2 0	8 0	5	5
8			SECC -III	A. LEADERSHIP & MGMT SKILLS OR B. UNIVERSAL HUMAN VALUES		5 0	2	2
			SECC -IV	A. INDIAN FREEDOM MOVT OR B. INDIAN CONSTITUTION		5 0	2	2
9	3 RD YEA R 2020- 21		V. DSC	INTERNATIONAL RELATIONS	1 5	3 5	5	5
10			GE - I	REFORM MOVEMENTS IN INDIA			4	4
11			VI DSC	GLOBAL POLITICS	1 5	3 5	5	5
12			GE - II	WOMEN STUDIES-AN INTRODUCTION			4	4

AECC = ABILITY ENHANCEMENT COMPULSORY COURSE

DSC = DISCIPLINE SPECIFIC COURSE.

GE: General elective & SECC III & SECC IV included.

Chairperson
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 BOARD OF STUDIES
 Department of Political Science
 Anwarul Uloom College (Autonomous)
 New Mallepally, Hyderabad-500001

Assistant Professor
 Assistant Professor
 Department of Political Science
 Osmania University, Hyderabad.

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



DEPARTMENT OF ECONOMICS

**BA (EPP)
(APPROVAL OF SYLLABUS FOR THE ACADEMIC YEAR 2022-2023)**

YEAR	SEM	PAPER	TITLE	UNITS	THPW	I	A	ESE	TOTAL	CREDITS
1	I	I	Micro Economics	5	5	20	80	100	5	5
		A	Environmental Studies	2	2	—	50	50	2	2
	II	I	Macro Economics	5	5	20	80	100	5	5
		A	Basic Computer Skills	2	2	—	50	50	2	2
2	III	I	Statistics For Economics	5	5	20	80	100	5	5
		A	Communication skills	—	2	—	50	50	2	2
	SEC-I	I	Professional skills	—	2	—	50	50	2	2
		A	Money and Banking	—	2	—	50	50	2	2
IV	I	Environmental Economics	5	5	20	80	100	5	5	
	A	Indian Economy Leadership and Mgmt.	—	2	—	50	50	2	2	
3	V	I	Universal Human Values	—	2	—	50	50	2	2
		A	Industrial Economics	—	2	—	50	50	2	2
	SEC-IV	I	Entrepreneurship and Development	5	5	15	35	50	5	5
		A	Development Economics	4	2	—	50	50	4	4
VI	I	Rural Development	5	5	15	35	50	5	5	
	A	International Economics	—	—	—	—	—	—	—	—
VI	I	Project Or Additional subject	4	2	—	50	50	2	2	
	A	Financial Economics	—	—	—	—	—	—	—	—

THPW : Teaching Hour per Week, ESE : End Semester Exam, IA: Internal Assessment, SEM: Semester.

Atwanul Chaitan
Board of Studies
Dept of Economics
Osmania University
Hyderabad-500 007

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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
							25 Hrs	25
Total								

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.

Department of Business Administration
Anwarul Uloom College
(Autonomous)
New Malleshpally, Hyd-01. T.S. Indira.

Prof. R. NAGESWAR R
MBA., Ph.D., D
Dept. of Business Management
Osmania University, Hyderabad

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

SEMESTER - V						
27.	ELS5	English (First Language)	3	3		
28.	SLS5	Second Language	3	3		
29.	GE	a) Business Economics/ b) Advanced Aspects of Income Tax	4	4	3 hrs	80U+20I
30.	DSE501	a) Cost Accounting/ b) Financial Planning & Performance/ c) International Financial Reporting-I	5	5	3 hrs	80U+20I
31.	DSE502	a) Computerized Accounting/ b) Financial Decision Making-I/ c) International Tax & Regulation	3T+4P/5	5	3 hrs	50T+35P + 15I/ 80U+20I
32.	DSE503	a) Auditing/ b) Advanced Corporate Accounting/ c) Financial Management	5	5	3 hrs	80U+20I
		Total	27/25	25		
SEMESTER - VI						
33.	ELS6	English (First Language)	3	3		
34.	SLS6	Second Language	3	3		
35.	PR	Research Methodology and Project Report	2T+4R	4	1 ½ hrs	40U+10I 35R+15V V
36.	DSE601	a) Cost Control and Management Accounting/ b) Financial control/ c) International Financial Reporting-II	5	5	3 hrs	80U+20I
37.	DSE602	a) Theory and Practice of GST/ b) Financial Decision Making-II / c) International Auditing	3T+4P/5	5	3 hrs	50T+35P + 15I/ 80U+20I
38.	DSE603	a) Accounting Standards/ b) Corporate Governance/ c) Investment Management	5	5	3 hrs	80U+20I
		Total	29/27	25		
		GRAND TOTAL	156/152	150		

Chandra
Dean
Faculty of Commerce
Osmania University,
Hyderabad - 500 007

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

Biggins
CHAIRPERSON
BOARD OF STUDIES IN COMMERCE
ANWAR ULOOM COLLEGE
HYDERABAD-50001, T.S.
PRINCIPAL
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad-01.

DEPT. OF ELECTRONICS

		SECC-IV (a) PIC & ATMEL Microcontroller (b) Microprocessor & Microcontroller	16612	2hrs	2	
3rd Year	V	Paper V(Elective)				
		Digital Electronics(Theory)**Elective -I Digital Electronics (Lab)	6512 6512P	4hrs 2hrs	4 1	
		Microprocessor8085(Theory)**Elective-II Microprocessor8085 (Lab)	6513 6513P	4hrs 2hrs	4 1	
		GE-I Information technology-1	G6513	4hrs	4	
	VI	Paper -VI(Elective)				
		Fundamental of Embedded Systems (Theory)**Elective-I (ES-LAB)	6612 6612P	4hrs 2hrs	4 1	
Microcontroller8051(Theory)**Elective-II (MP 8051-LAB)		6613 6613P	4hrs 2hrs	4 1		
	GE-II Information technology-2	G6613	4hrs	4		



[Signature]
HEAD

Department of Physics
University College of Science
Osmania University,
Hyderabad-500 007. T.S.

[Signature]

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

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New Mallepalli

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New Mallepalli, Hyderabad-01.

ANWARUL ULOOM COLLEGE, DEPARTMENT OF ELECTRONICS

Anwarul Uloom College (Autonomous)

Department of Biotechnology

B. Sc (Bt. M.C)

Subject: BIOTECHNOLOGY (2022 – 2023)

No.	Year	Sem	Paper / Title	Teaching Hours /Week	Units	Credits	Marks		
							Internal assessment	Semester	Total
1	2022 - 2023	I	Cell Biology & Genetics Theory	4	4	4	20	80	100
2			Cell biology & Genetics –Practical	2		1		50	50
3			Environmental science (AECC-I)	2		2		50	50
4		II	Nucleic acids & Biochemistry Theory	4	4	4	20	80	100
5			Nucleic Acids & Biochemistry Practical	2		1		50	50
6			Basic Computer Skills (AECC-II)	2		2		50	50
7		III	Molecular biology & rDna Technology - Theory	4	4	4	20	80	100
8			Molecular biology & rDna Technology – Practical	2		1		50	50
9	2021 - 2022	III	SEC- I A) Communication Skills Or B) Professional Skills	2		2		50	50
10			IV	A) Industrial fermentation Or B) Immunological techniques	2	2	2		50
11		IV		Biostatistics & Bioinformatics Theory	4	4	4	20	80
12			Biostatistics & Bioinformatics Practical	2		1		50	50
13	2020 - 2021	IV	SEC- III A) Leadership & Management Skills Or B) Universal Human Values	2		2		50	50
14			SEC- IV A) Molecular markers in plant breeding Or B) Drug designing	2	2	2		50	50
15	3 rd Year	V	Elective – A Plant biotechnology- Theory	4	4	4	15	35	50
16			Elective – B Medical biotechnology - Theory	2		1		25	25
17		VI	Elective – A Plant biotechnology – Practical	2		1		25	25
18			Elective – B Medical biotechnology Practical	4	4	4	-	50	50
19		VI	Basics in biotechnology – (GE- I)	4	4	4		50	50
20			Elective – A - Animal biotechnology Theory	4	4	4	15	35	50
21			Elective – B - Environmental biotechnology - Theory	4	4	4		50	50
22			Elective – A Animal biotechnology Practical	2		1		25	25
23			Elective – B Environmental biotechnology -Practical	2		1		25	25
24			Research methodology/ project					100	100

AECC – Ability Enhancement Compulsory Course

SEC – Skill Enhancement Compulsory Course

GE – Generic Electives

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New Mallepally, Hyderabad.

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New Mallepally, Hyderabad-01.
Head of the Department
CHAIRPERSON
BOARD OF STUDIES
Department of Biotechnology
Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad

DEPT. OF NUTRITION

			Leadership & Mgmt. skills- (SECC-III) or	2	-	2	-	50	50
			Universal Human Values - (SECC-III)	"	"	"	"	"	"
12			Diet Counseling Skills (SECC-IV) or	2	-	2	-	50	50
			Strategies For Weight Management (SECC-IV)	"	-	"	-	"	"
13	3rd Year 22-23	V	A- CLINICAL DIETETICS (THEORY)	4	4	4	15	35	50
14			A CLINICAL DIETETICS (PRACTICAL) OR	2	-	1	-	25	25
17			B - DIET THERAPY (THEORY)	4	4	4	15	35	50
			B - DIET THERAPY (PRACTICAL)	2	-	2	-	25	25
18			501 NUTRITION, HEALTH AND FITNESS (THEORY) (GE- I)	-	4	4	-	50	50
19	3rd Year 22-23	VI	PUBLIC HEALTH NUTRITION (THEORY)	4	4	4	15	35	50
20			PUBLIC HEALTH NUTRITION (PRACTICAL) (OR)	2	-	1	-	25	25
23			B - COMMUNITY NUTRITION (THEORY)	4	4	4	15	35	50
			B - COMMUNITY NUTRITION (PRACTICAL)	2	-	1	-	25	25
25			Project (OY)	4	-	4	-	50	50
			internship (OY)			4		50	50
			Nutrition and Yoga for Health (Optional Paper)	4	-	4		50	50

SJ
 SUJAY K. B. B. PH.D.
 HOD NUTRITION DEPT.
 YASHODA HOSPITAL
 Malakpet, Hyderabad
 Head
 Department of Applied Nutrition
 Sarojini Naidu Vanita Maha Vidyalaya
 H.A. Sarin
 Dept. of Nutrition & Dietetics
 ANWARUL-ULOOM COLLEGE
 New Mallepally, Hyderabad.
 Telangana-500 001.

Anusha
 Dr. P. ASHLESHA
 HEAD DEPT. NUTRITION
 DR. M. S. RADHIKA
 Dept.
 U.
 M.S.R.
 PRINCIPAL

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

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

DEPT. OF BOTANY

Semester V

Sem V	Core Subject	Units	Hours	Credits	Internal	External	Total	Duration
DSE 1	1A: Biodiversity and Conversation	4	4	4	20	80	100	3 Hrs
	1B: Economic Botany							
	1C: Seed Technology							
DSE 1	Practical	-	3	1	-	-	50	3 Hrs
GE 1	Industrial Microbiology	2	2	2	-	-	50	2 Hrs

Semester VI

Sem V	Core Subject	Units	Hours	Credits	Internal	External	Total	Duration
DSE 2	2A: Plant Molecular Biology	4	4	4	15	35	50	2 Hrs
	2B: Tissue Culture & Biotechnology							
	2C: Analytical techniques in plant sciences							
DSE 2	Practical	-	3	1	-	-	25	2 Hrs
DSE 3	Project / Optional	-	-	5	-	-	100	-

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Managing Director
LABORATORIES
1-3-744, Mallepally,
Hyderabad-500 001.
Phone: 91-40-23342774

ROBINSON
BOTANY
GOWDARJI UNIVERSITY
HYDERABAD-500 007.

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New Mallepally.

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DPT. OF Zoology

13	3rd Year	V	a) Zoology V (Biochemistry and Endocrinology) - Theory OR	4	4	4	15	35	50
14			a) Zoology V ((Biochemistry and Endocrinology) - Practicals OR	2	-	1	-	25	25
15			b) Zoology V - Laboratory Animals Maintenance and Applications - Theory	4	4	4	15	35	50
16			b) Zoology V -- Laboratory Animals Maintenance and Applications - Practicals	2	-	1	-	25	25
17			Apiculture - (GE - I)	2	2	2	-	50	50
18			Preventive Medicine - (GE - II)	2	2	2	-	50	50
19	3rd Year	VI	a) Zoology VI (Fisheries & Limnology) - Theory OR	4	4	4	15	35	50
20			a) Zoology VI (Fisheries & Limnology) - Practicals	2	-	1	-	25	25
21			b) Zoology VI (Immunology & Biotechnology) - Theory	4	4	4	15	35	50
22			b) Zoology VI (Immunology & Biotechnology) - Practicals	2	-	1	-	25	25
23			Project OR	4	4	4	-	50	50
24			Advanced Chemistry	4	4	4	-	50	50

AECC - Ability Enhancement Compulsory Course

SECC - Skill Enhancement Compulsory Course

GE - Generic Elective

Head of the Department

HEAD

Department of Zoology
Anwar-ul-Uloom College (Autonomous)
Mallepally, Hyderabad-500 001, T.S.

PROFESSOR & HEAD
Department of Zoology, UCS,
Osmania University, Hyd-07.

COO
Internal Quality Assurance Cell

Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad.

PRINCIPAL

Anwarul Uloom College (Autonomous)
New Mallepally, Hyderabad-500 001, T.S.

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DEPT. OF MICROBIOLOGY

V-SEM	CORE 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	HEAMATOLOGY	2	2	2	-	-	50	2 HRS

VI-SEM	CORE SUBJECT	UNITS	HOURS	CREDITS	INTERNAL	EXTERNAL	TOTAL	DURATION
DSE	2 A) INDUSTRIAL MICROBIOLOGY - VI OR 2 B) PHARMACEUTICAL MICROBIOLOGY - VI	4	4	4	15	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	-

Head of The Department

- 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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 Department of Microbiology
 Anwarul Uloom College
 Hyderabad-500 007.

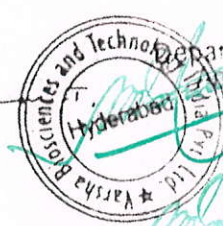
[Signature]
Dr. A. MADHURI
 Head, Department of Microbiology
 Government Degree College For Women
 Begumpet, Hyderabad.

COORDINATOR

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

[Signature]
Head
 Department of Microbiology
 Anwarul Uloom College
 (Autonomous)
 Affiliated to Osmania University
 Malleshpally, Hyderabad-01.T.S.

B5.



[Signature]
 Department of Microbiology
 Anwarul Uloom College
 (Autonomous)

PRINCIPAL
 Department of Microbiology
Anwarul Uloom College (Autonomous)
New Malleshpally, Hyderabad-01.

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 2022-23	Paper – I (Theory) Mechanics	6118	4 hours	4
	Mechanics - Lab AECC-I	6118P	2 hours	1
	Environmental Science		2 hours	2
II 2022-23	Paper – II (Theory) Thermal Physics	6218	4 hours	4
	Thermal Physics - Lab AECC-II	6218P	2 hours	1
	Basic Computer Skills		2 hours	2
III 2021-22	Paper – III (Theory) Electromagnetic Theory	6318	4 hours	4
	Electromagnetic Theory - Lab SECC-I	6318P	2 hours	1
	(a) Communication Skills (OR)		2 hours	2
	(b) Professional Skills SECC-II			
	(a) Solar Energy and its Collectors (OR)		2 hours	2
(b) Storage and Utilization of Solar Energy				
IV 2021-22	Paper – IV (Theory) Waves & Optics	6418	4 hours	4
	Optics - Lab SECC-III	6418P	2 hours	1
	(a) Leadership and Management Skills (OR)		2 hours	2
	(b) Universal Human Values (Ethics) SECC-IV			
	(a) Solar Energy (OR)		2 hours	2
(b) Chemical Energy				
V 2020-21	Paper – V (Elective) A: Modern Physics (Theory) ** Elective - I	6518A	4 hours	4
	A: Modern Physics (Lab) (OR)	6518AP	2 hours	1
	B: Computational Physics (Theory) ** Elective - II	6518B	4 hours	4
	B: Computational Physics (Lab) GE-I	6518BP	2 hours	1
	Mechanical Energy		4 hours	4
VI 2020-21	Paper – VI (Elective) A: Electronics (Theory) ** Elective - I	6618A	4 hours	4
	A: Electronics (Lab) (OR)	6618AP	2 hours	1
	B: Applied Optics ** Elective - II	6618B	4 hours	4
	B: Applied Optics (Lab) GE-II	6618BP	2 hours	1
	Geothermal Energy		4 hours	4


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DEPT. OF CHEMISTRY

	I	1 st AECC - I		2 Hrs	1
		Environmental Studies			
	II	Paper-I (Theory)	6209	4 Hrs	4
		Paper-II (Practicals)	6209 P	2 Hrs	1
		AECC-II Basic Computer Skills		2 Hrs	2
	III	Paper-I (Theory)	6309	4 Hrs	4
		Paper-II (Practicals)	6309P	2 Hrs	1
		SECC II: Rules In Chemistry Laboratory	A6309	2 Hrs	1
	IV	Paper-IV (Theory)	6409	4 Hrs	4
		Paper-IV (Practicals)	6409P	2 Hrs	1
		SECC III: Preparation Of Lab Reagents	16409	2 Hrs	1
	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
	VI	Paper - VIA (Elective)	6609A	4 Hrs	4
		GE I: Soaps & Detergents	6609	4 Hrs	4
		Paper- VI (Theory)	6609B	4 Hrs	1
		Paper- VI B (Elective)	-----	---	1
		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
		Advanced Chemistry GE II: Fuel Chemistry	G6609	2 Hrs	1


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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 Mrs	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	50	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].

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MA (Final)

Semester - III

Employability Skills (IDE)

Paper Code:

Paper :


Max. Marks: 50
Credits : 2

Unit

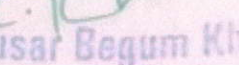
- 1) Good Communication
- 2) Five Good Communication Skills
- 3) Leadership Skills and Transformational Leadership
- 4) Following instructions

Unit II

- 1) Motivation
- 2) Adaptability
- 3) Team-Building and Understanding Team Dynamics
- 4) Reliability/dependability


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M.A. Final (CBCS) Semester III & IV (Course Structure & Scheme of Examinations)

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6	VI	146	IDE: Report Writing Reporting Events	2 Hrs	—	50	—	20	2	2 Hrs
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MA (Final)

Semester - IV

IDE

Paper Code: IDE
Paper :

Max. Marks: 50/20
Credits : 2

Report Writing and Reporting

Unit I

I. Report Writing

- 1) Basic Steps of Report Writing
- 2) Purpose of Report Writing
- 3) Types of Reports
- 4) Format of Report Writing

Unit II

II. Reporting Events

- 1) What is Reporting
- 2) Report Presentation

3) Post-Event Report and Standard Elements in a Report.

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DEPARTMENT OF MATHEMATICS

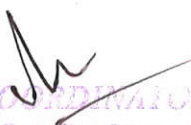
(Choice Based Credit System)


(Academic year 2023 – 2024)


M.Sc APPLIED MATHEMATICS

Semester III

Subjects	code	Paper	Hours/ Week	Theory	T*	IA+Sem Exam	Credits
Core	AM 301	Finite difference Method	6	5	1	20+80	5
Core	AM 302	Viscous flows	6	5	1	20+80	5
Core	AM 303	Linear Algebra	6	5	1	20+80	5
Elective	AM 304(A)	Operations Research	6	5	1	20+80	5
	AM 304(B)	Compressible flows					
	AM 304(C)	Computational Fluid Dynamics					
Elective	AM 305(A)	Elementary Number Theory	5	4	1	20+80	4
	AM 305(B)	Numerical Analysis					
	AM 305(C)	Topology					
		Seminar	2	2		25	1
	IDE	Introduction to Differentiation	2	2		50	2
	Total		31			575	27


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DEPARTMENT OF MATHEMATICS

M.Sc Applied Mathematics

IDE Semester III

INTRODUCTION TO DIFFERENTIATION

UNIT-1:

Introduction Intervals and neighbourhood – Limits and Standard Limits – Continuity -Some properties of Continuous Functions – Discontinuity

UNIT-2:

Differentiation in Mathematics - Rules of Differentiation - Differentiation of a function – Fundamental rules for Differentiation - Differentiation of a Function with Respect to Another Function

UNIT-3:

Partial Differentiation – Higher partial derivatives Higher order derivatives - Derivatives of trigonometric function- Derivatives of inverse trigonometric functions

UNIT-4:

Hyperbolic functions – Inverse hyperbolic functions - Logarithmic Differentiation

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DEPARTMENT OF MATHEMATICS

(Choice Based Credit System) (Academic year 2023 – 2024)

M.Sc APPLIED MATHEMATICS

Semester- IV

Subjects	code	Paper	Hours/Week	Theory	T*	IA+Sem Exam	Credits
Core	AM 401	Integral Equation & Calculus of variation	6	5	1	20+80	5
Core	AM 402	Finite Element Methods	6	5	1	20+80	5
Core	AM 403	Functional Analysis	6	5	1	20+80	5
Elective	AM 404(A)	Magnetohydrodynamics	6	5	1	20+80	5
	AM 404(B)	Bio-Mechanics					
	AM 404(C)	Differential Geometry					
Elective	AM 405(A)	Discrete Mathematics	5	4	1	20+80	4
	AM 405(B)	Advance Operations Research					
	AM 405(C)	Advance Complex Analysis					
		Seminar	2	2		25	1
		IDE Integration	2	2		50	2
		Total	31			575	27

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

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DEPARTMENT OF MATHEMATICS

M.Sc Applied Mathematics

IDE Semester IV

INTEGRATION

UNIT-I: Basic methods of integration:

Introduction, Integration as Anti-derivative- definition, Indefinite Integral, Some fundamental Integrals, Definite Integral, Evaluation by Anti-differentiation, Fundamental theorem of Integral Calculus, Basic rules of Integration- Examples, Integration by substitution.

UNIT-II: Integration by Partial Fractions and Integration by Parts:

Resolving into partial fraction, Examples of integration of type 1, 2, 3, Examples of integration by parts.

UNIT-III: Integration of Trigonometric Functions:

Rational function of sine and cosine, Rational function of Hyperbolic sine and cosine, Integrals of the forms (A) $\int \frac{dx}{a+b \sin x}$, $\int \frac{dx}{a+b \cos x}$, (B) $\int \sin^n(x)$ (C) $\int \sin^m(x)\cos^n(x)$.

UNIT-IV : Integration of Hyperbolic functions and Trigonometric substitutions:

Illustrative examples for Hyperbolic functions, Simplifying Integrals by use of trigonometry.


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SEMESTER IV BOTANY

IDE COURSE SYLLABUS

POLYHOUSE/GREEN HOUSE TECHNOLOGY

Unit-I

Poly House Technology: Introduction, Fundamentals of poly House Technology. Types of polyhouses & its maintenance.

Unit-II:

Polyhouse- Required materials and equipments. The study of various growing media used in raising polyhouse crops, media preparation and sterilization.

Unit-III

Planning, Designing and Maintenance of polyhouse, Polyhouse Pest and Disease management & study of different Constraints in polyhouse.

Unit-IV:

Cultivation, packing and marketing of different crops in polyhouse.

Poly House Technology World Scenario and its Status in India

Reference Books:

Basic Horticulture by Jitendra Singh

Unified Botany Volume IV, Rastogi Publications. B.Sc., Final year Botany Text Book. L

S. Nagreddi Ahs

Managing Director
IOTA LABORATORIES
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Hyderabad-500 001.
Phone: 91-40-23342774

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B. Gireesh

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M.Sc Botany Marks distribution

Semester IV

Paper	Title	Theory/ Practical Week	Credits	Max Marks Theory & Practicals
Common Papers				
I.	Ecology & Phytogeography	4 Hrs	4	80 External -
	Theory & Practical	4 Hrs	2	20 Internal = 100 PR: 50
II.	Horticulture & Plant	4 Hrs	4	80 External -
	Breeding Theory & Practical	4 Hrs	2	20 Internal = 100 PR: 50

Specialization: A/B/C/D/E

Specialization -A: Applied Mycology and Molecular Plant Pathology

Specialization B: Applied Plant Physiology and Molecular Biology

Specialization C: Biodiversity of Angiosperms and Pharmacognosy of Medicinal Plants

Specialization D: Cytogenetics, Molecular Genetics and Biotechnology

Specialization E: Applied Palynology, Palaeophytology

III.	Molecular Genetics &	4 Hrs	4	80 External -
	Recombinant DNA Technology Theory & Practical	4 Hrs	2	20 Internal = 100 PR: 50
IV.	Project Work		6	100+50= 150 Presentation & Viva
V.	IDF: Polyhouse technology	2 Hrs	2	50M
VI.	Total		26 Credits	Total = 650

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Department of Chemistry

M. Sc. (Chemistry) First Year

Paper Titles & Marks Details (2022 – 2023)

(Course Structure & Scheme of Examinations)

S. No.	Paper No.	Code No.	Title	Hours / Week	Internal Marks	Semester Marks		Total Marks	Credits	Duration of Exam.
						Max.	Min.			
M. Sc. Ist Year, I – Semester (CBCS)										
1	I	511T	Inorganic Chemistry Theory	4 Hrs	20	80	32	100	4	3 Hrs
		511P	Inorganic Chemistry Practical	6 Hrs	—	50	25	75	3	3 Hrs
2	II	512T	Organic Chemistry Theory	4 Hrs	20	80	32	100	4	3 Hrs
		512P	Organic Chemistry Practical	6 Hrs	—	50	25	75	3	3 Hrs
3	III	513T	Physical Chemistry Theory	4 Hrs	20	80	32	100	4	3 Hrs
		513P	Physical Chemistry Practical	6 Hrs	—	50	25	75	3	3 Hrs
4	IV	514T	Analytical Techniques & Spectroscopy - I Theory	4 Hrs	20	80	32	100	4	3 Hrs
5		116	Add On: Communicative English & Soft Skills	2 Hrs	—	50	—	50	2	2 Hrs
			Total	36 Hrs				675	27	
M. Sc. Ist Year, II – Semester (CBCS)										
1	I	521T	Inorganic Chemistry Theory	4 Hrs	20	80	32	100	4	3 Hrs
		521P	Inorganic Chemistry Practical	6 Hrs	—	50	25	75	3	3 Hrs
2	II	522T	Organic Chemistry Theory	4 Hrs	20	80	32	100	4	3 Hrs
		522P	Organic Chemistry Practical	6 Hrs	—	50	25	75	3	3 Hrs
3	III	523T	Physical Chemistry Theory	4 Hrs	20	80	32	100	4	3 Hrs
		523P	Physical Chemistry Practical	6 Hrs	—	50	25	75	3	3 Hrs
4	IV	524T	Analytical Techniques & Spectroscopy - II Theory	4 Hrs	20	80	32	100	4	3 Hrs
5		116	Add On: Human values & Professional Ethics	2 Hrs	—	50	—	50	2	2 Hrs
			Total	36 Hrs				675	27	

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Head of the Department

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