



# ANWARUL ULOOM COLLEGE

(Autonomous)

(Accredited by NAAC with 'A' Grade)

(Affiliated to Osmania University, Hyderabad)

(A Muslim Minority Institution)

Ref. No. \_\_\_\_\_

Date \_\_\_\_\_

## Programmes where syllabus revision was carried out during the Academic Year -2020-2021

S. No.	Programme Code	Programme Name	Year of Introduction
1.	498	B.Sc. (ANIMATION)	2018
2.	497	B.Sc. (CSE)	1981
3.	487	B.Sc. (BTMBC)	1992
4.	474	B.Sc. (MECs)	1988
5.	468	B.Sc. (MPCs)	1988
6.	464	B.Sc. (NZC)	2011
7.	445	B.Sc. (BZC)	1953
8.	441	B.Sc. (MPC)	1953
9.	684	BBA	2011
10.	685	BBM	2020
11.	401	B.Com. (GENERAL)	1953
12.	405	B.Com. (COMP. APPL.)	2001
13.	411	B.Com. (E-COMMERCE)	2001
14.	420	B.Com. (FOREIGN TRADE)	2019
15.	499	B.Sc. (DATA SCIENCE)	2020
16.	465	B.Sc. (FOOD SCIENCE)	2011
17.	403	B.Com. (ASM)	2019
18.	406	B.Com. (TAX PRACTICE)	2019
19.	262	B.A (HPML)	1953
20.	111	B.A (EPP)	1964
21.	503	M.Sc. CHEMISTRY	1991
22.	509	M.Sc. PHYSICS	1990
23.	502	M.Sc. BOTANY	1985
24.	520	M.Sc. NUTRITION	2016
25.	516	M.Sc. BIOTECHNOLOGY	2014
26.	506	M.Sc. MATHEMATICS	1991
27.	408	M.Com (ACCOUNTING)	1989
28.	09	M.A ENGLISH	2018
29.	409	M.Com (INFORMATION SYSTEM)	2020
30.	313	M.A ECONOMICS	1991
31.	408	M.Com (FINANCE)	2020
32.	314	M.A. (HISTORY)	1991

  
IQAC

  
Principal



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## DEPARTMENT OF ARABIC

SYLLABUS MODIFIED

B.A/B.COM/B.SC/BBA/BBM

2020 - 2021

Semester III AND IV

### III Semester:

Unit – 1

Unit – 2

Unit – 3 GRAMMAR : CONJUGATIONS

Unit – 4

### IV Semester:

Unit – 1

Unit – 2

Unit – 3

Unit – 4 HISTORY OF ARABIC LITERATURE – BATTLES OF ISLAM



Chairperson BOS

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





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

**DEPARTMENT OF BIOTECHNOLOGY.**

Date: \_\_\_\_\_

## **B.Sc. SYLLABUS MODIFIED**

**For 2020-2021**

**III YEAR SEMESTER V**

**Name of Paper: Plant Biotechnology.**

**Paper Code:**

**Marks:35/14**

**P.P.W: 4**

Unit I: Cell Viability Test.

Unit II: Environmental Conditions during Culture.

Unit III: Regeneration of Hybrid Plants.

Unit IV: Micro projectiles.

**III YEAR SEMESTER VI**

**Name of Paper: Environmental Biotechnology.**

**Paper Code:**

**Marks:35/14**

**P.P.W: 4**

Unit I: Sound pollution.

Unit II: Composting.

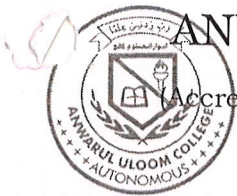
Unit III: Fungal pesticides.

Unit IV: Heat Resistant Plants.

**Head of the Department**

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





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: \_\_\_\_\_

**Syllabus Modified**

**B.Sc., BZC Botany**

**Year 2020-2021**

**III Yr**

**Sem VA: Cell Biology & Genetics**

**Unit I**

Chapter 1: SEM & TEM

**Unit II**

Chapter 6: Cell senescence and Cell death

**Unit III**

Chapter 9: Multiple Alleles

**Unit IV**

Chapter 11: Lac operon concept

**Suggested readings**

Genetics by P.K Gupta

**Websites**

<https://www.technologynetworks.com/analysis/articles/sem-vs-tem-331262>

Chairperson

BOS

Head Department of Botany  
Anwar-ul-Uloom College  
New Mallopalay, Hyderabad.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Sem VB: Ecology & Biodiversity

### Unit I

Chapter 1: Ecological factors affecting the vegetation.

### Unit II

Chapter 6: Community, Structure, and development

### Unit III

Chapter 9: Phytogeography Introduction

### Unit IV

Chapter 10: Plant indicators

### Suggested readings

- Ecology & Environment by P.D. Sharma

### Websites

<https://old.amu.ac.in/emp/studym/99992937.pdf>

<https://old.amu.ac.in/emp/studym/100010921.pdf>

Chairperson

BOS

Head Department of Botany  
Anwar-ul-Uloom College  
New Malleshpally, Hyderabad.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## VI (A) Sem: Plant physiology & Biotechnology

### Unit I

Chapter 1: Deplasmolysis Adsorption

### Unit II

Chapter 6: Compensation point

### Unit III

Chapter 7: Tools of genetic engineering

### Unit IV

Chapter 12: Brief account of vector less gene transfer

### Suggested readings

- Plant Physiology and Biochemistry By H.S.Srivastava

### Websites

<https://www.embibe.com/exams/tools-of-genetic-engineering/>

<https://explorebiotech.com/7-important-molecular-tools-genetic-engineering/>

<https://byjus.com/question-answer/what-is-compensation-point/>

<https://www.firsttheseedfoundation.org/wp-content/uploads/2016/08/Plants-and-Light.pdf>

**Chairperson**

**BOS**

Head Department of Botany  
Anwar-ul-Uloom College  
New Malleshpally, Hyderabad.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## VI (B): Plant physiology, Tissue culture & seed technology

### Unit I

Chapter 3: Fats synthesis and degradation.

### Unit II

Chapter 6: Vernalization

### Unit III

Chapter 9: Techniques and significance of Androgenesis and Gynogenesis

### Unit IV

Chapter 12: Seed germination and seedling growth

### Suggested readings

- Plant Physiology and Biochemistry By H.S.Srivastava

### Websites

<https://www.jic.ac.uk/blog/what-is-vernalization-and-how-do-plants-remember-winter>

<https://medcraveonline.com/APAR/biology-of-seed-development-and-germination-physiology.html>

[http://www2.csudh.edu/nsturm/CHE452/07\\_Fat%20Met-%20Overv.%20Synth.htm](http://www2.csudh.edu/nsturm/CHE452/07_Fat%20Met-%20Overv.%20Synth.htm)

Chairperson

BOS

Head Department of Botany  
Anwar-ul-Uloom College  
New Malleshally, Hyderabad.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## II YEAR, SEMESTER - IV ACCOUNTING FOR MANAGEMENT

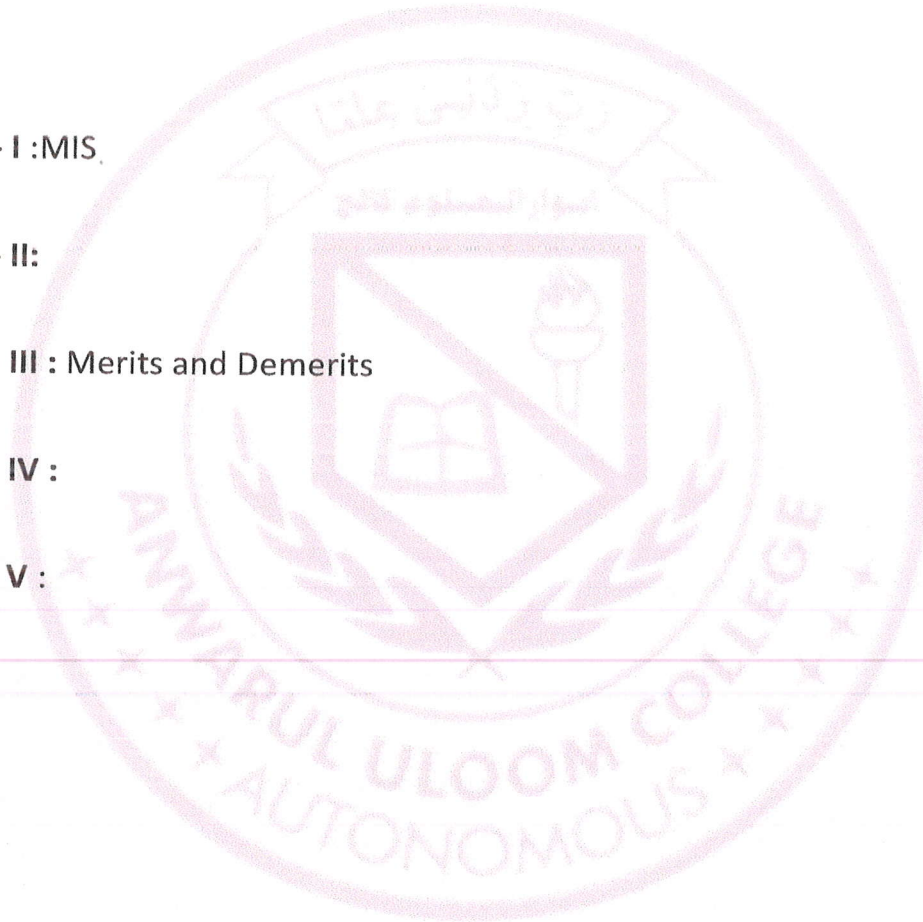
UNIT - I : MIS.

UNIT - II:

UNIT - III : Merits and Demerits

UNIT - IV :

UNIT - V :





**CHAIRPERSON  
BOARD OF STUDIES**

Department of Business Administration  
Anwarul Uloom College (Autonomous)  
New Mallepally, Hyderabad-T.S. India.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

II YEAR, SEMESTER - IV

## **BUSINESS STATISTICS - II**


**UNIT - I :**

**UNIT - II :** Decentralization of Data

**UNIT - III :**

**UNIT - IV :**

**UNIT - V :**

  
**CHAIRPERSON**  
**BOARD OF STUDIES**  
Department of Business Administration  
Anwarul Uloom College (Autonomous)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

II YEAR, SEMESTER - IV

## **BANKING & INSURANCE**


UNIT – I: Online & Offshore Banking

UNIT – II: SIDBI

UNIT – III: KYC

UNIT – IV: OCTEL, Online Trading And Role Of SEBI

UNIT – V: Insurance Act 1938 And IRDA 1999 Introduction

  
**CHAIRPERSON**  
**BOARD OF STUDIES**  
Department of Business Administration,  
Anwarul Uloom College (Autonomous)  
New Mallepally, Hyderabad-T.S. India.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

II YEAR, SEMESTER -IV

## ACCOUNTING PACKAGES

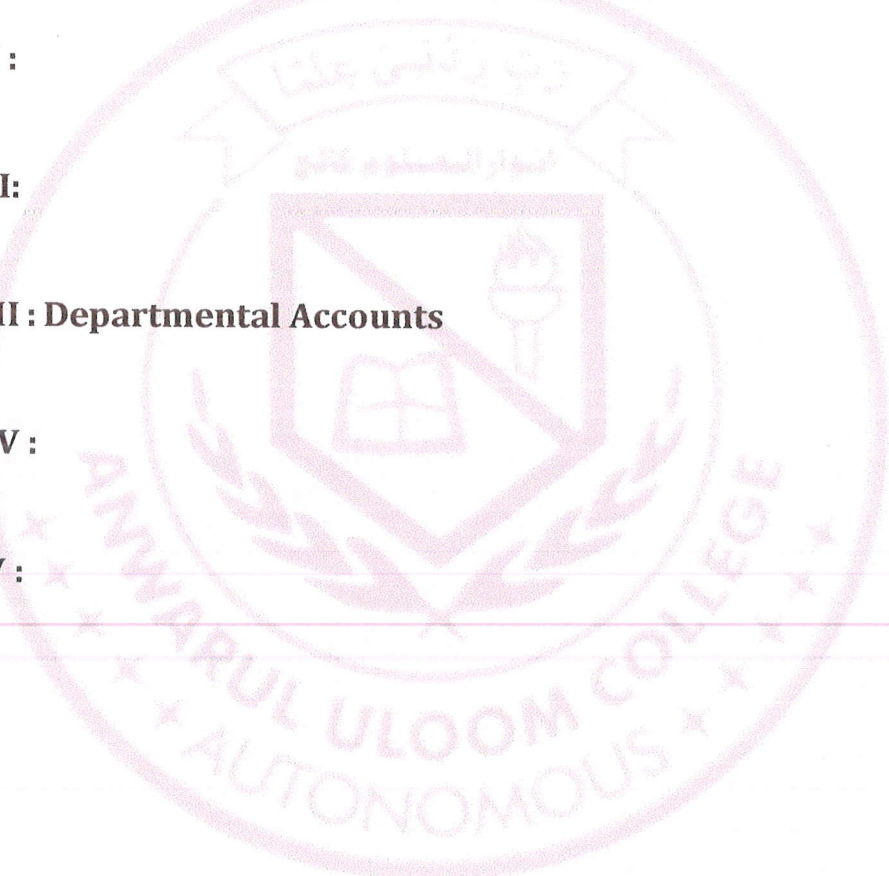
UNIT - I :

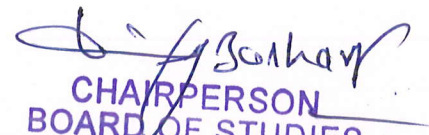
UNIT - II:

UNIT - III : Departmental Accounts

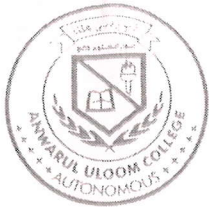
UNIT - IV :

UNIT - V :





**CHAIRPERSON**  
**BOARD OF STUDIES**  
Department of Business Administration  
Anwarul Uloom College (Autonomous)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Pg-7

Ref. No.

Date: 22-03-2021

## SYLLABUS MODIFIED

### B.Sc. Chemistry

Year 2020-2021

III year V sem

Paper - V

Paper code: 6507.

P.P.W: 4 hrs.

Marks: 50

Unit-I :- Nil

Unit -II :- Nil

Unit -III :- Instrumentation and spectral data analysis

Unit-IV :- Nil

Text book:- Organic Spectroscopy by William Kemp

Suggest Book :- Dean JA Analytical chemistry.

  
Chairperson

Board of Studies

**HEAD**  
Department of Chemistry.  
Anwarul Uloom College,  
New Malleshpally, Hyderabad.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

pg-8

Ref. No.

Date: 22-03-2021

## SYLLABUS MODIFIED

### B.Sc. Chemistry

Year 2020-2021

III year VI sem

Paper - VI

Paper code: 6607.

P.P.W :4hrs.

Marks :- 50

Unit-I :- Nil

Unit -II:- Structural activity relationship of dapsone&chloroquin.

Unit -III :- Nil

Unit-IV :- Nil

Text book:-G.L Patrick Introduction to medicinal chemistry Oxford university Press (2013)

Suggest Book:- David william and Thomas temke-Foye's principles of medicinal chemistry

  
Chairperson

Board of Studies

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Commerce Academic Year – 2020 – 2021

### Syllabus Modified

(All Streams)

II Year – III Semester

### Advanced Accounting

### B.Com. (All Streams)

Paper Code : DSC -301

Marks : 35

PPW: 5 Hrs.

Unit – I: Partnership deed

Unit –II: Insolvency of partner

Unit – III: SEBI Guidelines

Unit – IV: Profits prior to corporation

Unit – V: Methods of valuation of Goodwill

Chairperson  
Board of Studies

**HEAD**  
**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Commerce Academic Year – 2020 – 2021

### Syllabus Modified

(All Streams)

II Year – III Semester

### Business Statistics - I

Paper Code : 306

Marks : 35

PPW: 5 Hrs.

Unit – I: Statistical errors and approximation

Unit –II: Pictogram and cartogram graphic presentation

Unit – III: Uses and limitations of different averages

Unit – IV: Kelly's measures of skewness

Unit – V: Methods of co relation

Chairperson  
Board of Studies

**HEAD**  
**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Commerce Academic Year – 2020 – 2021

### Syllabus Modified

II Year – III Semester

(B. Com. Gen.)

### Financial Institution and Markets

Paper Code : DSC - 303

Marks : 35

PPW: 5 Hrs.


Unit – I: Weaknesses of Indian Financial Systems

Unit –II: Functions of venture capital

Unit – III: Role of RBI in money market

Unit – IV: Features of Bond

Unit – V: Objectives and functions of SEBI

  
Chairperson  
Board of Studies

**HEAD**  
**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Commerce Academic Year – 2020 – 2021

### Syllabus Modified

B. Com. ( Comp.)

II Year – III Semester

**R D B M S**

Paper Code : DSC 303

Marks : 35

PPW: 5 Hrs.


Unit – I: E R Models

Unit –II: Types of file organizations

Unit – III: S Q L Commands

Unit – IV: Database security

Unit – V: Needs for client servers computing

  
Chairperson  
Board of Studies

**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: \_\_\_\_\_

## Department of Commerce Academic Year – 2020 – 2021

**Syllabus Modified**

**B. Com. ( E-Com.)**

**II Year – III Semester**

**Programming with C**

**Paper Code : DSC 303**

**Marks : 35**

**PPW: 5 Hrs.**

**Unit – I: Data types in C**

**Unit –II: Decision making and looping**

**Unit – III: Two dimensional arrays and Dynamic array**

**Unit – IV: Stings functions**

**Unit – V: Declaration of pointers**

Chairperson  
Board of Studies

**HEAD**  
**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Commerce Academic Year – 2020 – 2021

### Syllabus Modified

B. Com. ( F T.)

II Year – III Semester

International Business Procedure and documentation

Paper Code : DSC 303

Marks : 35

PPW: 5 Hrs.


Unit – I: Main Provisions of FEMA

Unit –II: Types of LOC

Unit – III: Asian Currency market and Euro bond market

Unit – IV: Role ECGC

Unit – V: GST – Exim documents

  
Chairperson  
Board of Studies

**HEAD**  
**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Commerce Academic Year – 2020 – 2021

**Syllabus Modified**

**B. Com. (A S M)**

**II Year – III Semester**

**Media Management**

**Paper Code : DSC 303**

**Marks : 35**

**PPW: 5 Hrs.**

**Unit – I: Role of media planners**

**Unit –II: Reach and coverage study of media research**

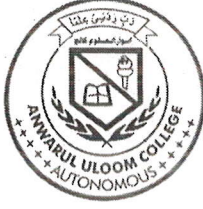
**Unit – III: Media Strategy**

**Unit – IV: Media Scheduling**

**Unit – V: Bench marking matrix**

  
Chairperson  
Board of Studies  
**HEAD**

**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Commerce Academic Year – 2020 – 2021

### Syllabus Modified

B. Com. ( T P )

II Year – III Semester

### Assessment of Other Entities

Paper Code : DSC 303

Marks : 35

PPW: 5 Hrs.

Unit – I: Assessment of HUF

Unit –II: Assessment of Partners of firm

Unit – III: Meaning of AFAOP

Unit – IV: M A T

Unit – V: Charitable trusts

Chairperson  
Board of Studies

**HEAD**

**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Commerce Academic Year – 2020 – 2021

### Syllabus Modified

(All Streams)

II Year – IV Semester

Income tax

Paper Code : DSC 401

Marks : 35

PPW: 5 Hrs.


Unit – I: Features and history of Income tax in India

Unit –II: Annual accretion

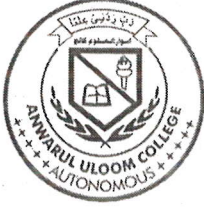
Unit – III: Exempted house property income

Unit – IV: Miscellaneous provisions u/s 44

Unit – V: dividend u/s 2(22)

  
Chairperson  
Board of Studies

**HEAD**  
**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Commerce Academic Year – 2020 – 2021

### Syllabus Modified

(All Streams)

II Year – IV Semester

### Business Statistics - II

Paper Code : DSC 402

Marks : 35

PPW: 5 Hrs.


Unit – I: Using regression lines for prediction

Unit –II: Methods of constructing index numbers

Unit – III Uses and limitations of Time series

Unit – IV: Permutations and combinations

Unit – V: Importance of Poisson distribution

  
Chairperson  
Board of Studies

**HEAD**  
**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Commerce Academic Year – 2020 – 2021

### Syllabus Modified

(B. Com. Gen/F T)

II Year – IV Semester

### Corporate Accounting

Paper Code : DSC 303

Marks : 35

PPW: 5 Hrs.


Unit – I: Meaning and modes of company liquidation

Unit –II: Nature of mergers

Unit – III: Debtors and creditors taken over on behalf of vendor

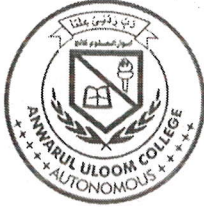
Unit – IV: Slip system of posting

Unit – V: Loss stocks and assets

  
Chairperson  
Board of Studies

**HEAD**  
**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Commerce

### Academic Year – 2020 – 2021

#### Syllabus Modified

B. com. (E-com.)

II Year – IV Semester

### Object Oriented Programming with C ++

Paper Code : DSC 403

Marks : 35

PPW: 5 Hrs.


Unit – I: C++ Functions

Unit –II: Meta Class/abstract class

Unit – III: Data Type and Conversion

Unit – IV: Formatted functions

Unit – V: Queues

  
Chairperson  
Board of Studies

**HEAD**  
**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Commerce Academic Year – 2020 – 2021

**Syllabus Modified**

**B. com., (Comp)**

**II Year – IV Semester**

**Web Technologies**

**Paper Code : DSC 403**

**Marks : 35**

**PPW: 5 Hrs.**

**Unit – I: Types of HTML Tags**

**Unit –II: Introduction to Dynamic HTML**

**Unit – III: Core features of JAVA**

**Unit – IV: Event Handling**

**Unit – V: X M L model**

  
Chairperson  
Board of Studies

**HEAD**  
**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Commerce Academic Year – 2020 – 2021

### Syllabus Modified

B. com. (A S M )

II Year – IV Semester

### Marketing Research

Paper Code : DSC 403

Marks : 35

PPW: 5 Hrs.

Unit – I: Marketing research in the 21<sup>st</sup> century ( Indian Scenario)

Unit –II: Data Collection methods

Unit – III: Drawback of secondary data

Unit – IV: Motivational research

Unit – V: Rural marketing research

Chairperson  
Board of Studies

**HEAD**

**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Commerce Academic Year – 2020 – 2021

### Syllabus Modified

B. com. (T P)

II Year – IV Semester

### Customs Procedure and practice

Paper Code : DSC 403

Marks : 35

PPW: 5 Hrs.

Unit – I: An overview of custom tariff Act 1975

Unit –II: Measuring and Kinds of Baggage

Unit – III: Drawback rates on re export

Unit – IV: Remission of duty

Unit – V: Export promotion scheme

Chairperson  
Board of Studies

**HEAD**

**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

**DEPARTMENT OF COMPUTER SCIENCE  
ACADEMIC YEAR - 2020-21  
B.Sc. (MECS) THIRD YEAR FIFTH SEMESTER  
SUBJECT: PROGRAMMING IN JAVA**

**SYLLABUS ADDED**

**UNIT I**

Concept of Thread and Life Cycle of a Thread

**Prescribed books:**

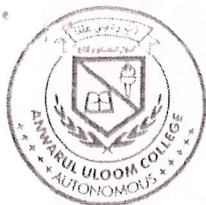
E. Balaguruswamy, Programming with Java, A primer, 3e, TATA McGraw-Hill Company (2008).

**Reference Books:**

John R. Hubbard, Programming with Java, Third Edition, Schaum's outline Series, Tata McGrawhill (2013).

Dr. D. Samanta – Object Oriented Programming with Java, PHI.

**Chairman, BOS  
Computer Science  
Anwarul Uloom College  
CHAIRMAN, BOS  
COMPUTER SCIENCE  
ANWARUL ULOOM COLLEGE**



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: \_\_\_\_\_

DEPARTMENT OF COMPUTER SCIENCE  
ACADEMIC YEAR - 2020-21  
B.Sc. (MECS) THIRD YEAR SIXTH SEMESTER  
SUBJECT: WEB TECHNOLOGIES

SYLLABUS ADDED

UNIT IV

Wireless Protocols (WAP), HTTPS

**Text Book:**

Jon Duckett, Beginning HTML, XHTML, CSS and JavaScript

**References:**

6. Chris Bates, Web Programming
  7. M. Srinivasan, Web Technology: Theory and Practice
  8. Achyut S. Godbole, Atul Kahate, Web Technologies
  9. Kogent Learning Solutions Inc, Web Technologies Black Book
  10. Ralph Moseley and M. T. Savaliya, Developing Web Applications
- P.J. Deitel & H.M. Deitel, Internet and World Wide Web How to program

Chairman, BOS  
Computer Science  
Anwarul Uloom College  
**CHAIRMAN, BOS**  
**COMPUTER SCIENCE**  
**ANWARUL ULOOM COLLEGE**





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Computer Science and Engineering Academic Year - 2020-2021

Report of syllabus revision / Modification of III Year – V & VI semester 2020-2021.

BS C (CSE) - III Year (V semester & VI semester)

III-YEAR, SEMESTER-V  
(2020-2021)

GE-1 INFORMATION TECHNOLOGIES

PAPER CODE: G5765

### Subject Introduce

**Unit I:** Introduction to computer: What is a computer? Characteristics of Computer, Generation of Computer. Classification of computer, Basic computer Organization. Application of computer. Input/output Devices. Soft copy devices, Hard copy device, computer memory and processor. Introduction: Memory Hierarchy, Processor Registrar, Cache memory, Primary memory, Secondary Storage devices Hard disks Optical drives, USB flash drives, Memory cards

**Unit II:** Computer software: Introduction, Classification of computer software, System Software. Application software, Firmware middleware. Acquiring computer software. Operating system.

Introduction: Evolution of OS, Process management, memory management, file management, Device management, Security management, Interpreter, windows, Linux.

**Unit III:** Introduction of Algorithms and programming language, Algorithm control structures, Flowcharts, pseudo code. Programming language, generation of programming language.

Database systems. Database orient approach. Database views. Three-schema architecture, Database Models, Components of DBMS. Introduction of SQL Queries.

### Unit IV:

Computer network Introduction connection media, Data Transmission media, Data Multiplexing, Data switching, and Network Topology. Type of networks, NT Devices, DSL model.

**book:** Computer Fundamentals - P.K.SINHA

**Reference: book:** Rajaraman, Fundamentals of Computers

HOD  
Department of Computer Science and Engineering  
Dept. of Computer Science & Engg  
A.U. College Mallepally, Hyd-1. A.P.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Computer Science and Engineering Academic Year - 2020-2021

Report of syllabus revision / Modification of III Year – V & VI semester 2020-2021.  
BSC (CSE) - III Year (V semester & VI semester)

III-YEAR, SEMESTER-VI  
(2020-2021)

INTRODUCTION TO DATA SCIENCE AND PYTHON

PAPER CODE: 7668

Subject Introduce

**Unit I: Data Science:** Introduction to data science, the data science process. A data scientist role in the process. Why python for data science. Different phases of a typical data science projects and role of python, Anaconda vs. Python. **Algorithms:** Machine Learning algorithms .Three basic algorithm – Linear Regression, K- Nearest Neighbors (KNN), K=means, Logistic regression.

**Unit II: Introduction to Python:** Features of Python, Execution of a Python program comparisons between c and Python, Comparisons between Java and python, Writing Our First Python program: Installing Python for Windows, Installing numpy. Sets literals in python. Determining the data type of a variable. What about characters .User defined Data type's constants in python .identifier and reserved words. Naming convention in python.

**Unit III: Operator in python:** Arithmetic Operators, Assignment Operators. Unary Minus operator, Relational operator, Logical Operator Boolean Operator Bitwise Operator, membership Operator, identity Operator, Operator precedence and associatively. Mathematical functions.

Input /Output Statements, commands Line arguments. Control Statement, if statement, Break statement, continue statement, pass stamen and return statement.

**Unit IV: Arrays in python:** Introduction of array. Advantages of arrays. Creating arrays, processing the arrays. Types of arrays. Working with arrays using numpy. Working with multi-dimensional arrays. Sorting the matrix Transpose of a matrix, additional and multiplication. String and characters, Creating strings .Length of a string indexing in string. Finding sub strings, counting substring sin a string replacement a string with another string, formatting the strings.

**Books:**Text R.Nageswara Rao, Corer Python Programming, Dreamtech press.

**Reference:** Tony Gaddis, Starting out with Python.

HEAD  
HO  
Dept. of Computer Science & Engg  
A.U. College Malloppally, Myd-3, A.P.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Computer Science and Engineering Academic Year - 2020-2021

Report of syllabus revision / Modification of III Year – V & VI semester 2020-2021.  
BSC (CSE) - III Year (V semester & VI semester)

III-YEAR, SEMESTER-VI  
(2020-2021)  
SCILAB  
PAPER CODE: S7679

### Unit I: Introduction Scilab

What is scilab, downloading & Installing scilab, a quick taste of scilab. The scilab environment – manipulating the commands line, working directory, comment, Variables in memory, recording sessions. The scilab menu bar, demos, scalars & vectors.

Introduction initializing vectors in scilab, mathematical operator on vectors, relational operators on vectors.

### Unit II: Scalars and Vectors

Elementary mathematical functions, mathematical function on scalars complex numbers, trigonometric function, and inverse trigonometric function. Hyperbolic functions matrices.

Introduction arithmetic operator for matrices, basic matrix processing polynomials.

Introduction Creating polynomials, basic polynomial commands, finding roots of polynomial, polynomial arithmetic, miscellaneous polynomial handling.

**Books:** Introduction To Scilab For Engineers And Scientists – Sandeep Nagar

**Reference:** Programming In Scilab 4.1 by Vinu V Das , New Age International (P) Ltd., Publishers.

HoD  
Department of Computer Science and Engineering  
Dept. of Computer Science & Engg.  
A.U, College Mallegally, Hyd-1, A.P.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## Department of Computer Science and Engineering Academic Year - 2020-2021

Report of syllabus revision / Modification of III Year – V & VI semester 2020-2021.  
BSC (CSE) - III Year (V semester & VI semester)

III-YEAR, SEMESTER-VI  
(2020-2021)  
INTERNET OF THINGS  
PAPER CODE: 7666

Subject Introduce

### Unit I: INTRODUCTION TO Internet of Things

IOT vision, Strategic Research and innovation direction, IoT Application. Related future technologies, Infrastructure, Network and communication, Processes, Data Management, Security, and Device level energy issues.

### Unit II: Internet Principles and communication technology

Internet communications: An overview – IP, TCP, IP protocol Suite, UDP, IP addresses – DNS and Dynamic IP addresses, TCP and UDP Port, MAC addresses. Application layer protocol, HTTP, HTTPS, Cost Vs. Ease of production, Prototypes and Production. Open Source Vs. Closed.

### Unit III: Prototyping and programming for IoT

Prototypes Embedded devices – sensors, Actuators, Microcontrollers, SoC, Choosing a platform, Prototyping. Hardware platforms – Milling technologies for writing embedded C code: integer data types in C. Manipulating bits AND, OR NOT, Reading and writing from I/O ports.

### Unit IV: Cloud computing and Data analytics

Introduction to cloud storage models, SAAS, PAAS, IAAS communication APIs. Amazon web services for IoT. Skynetio T, Messaging platform. Introduction to Data analytics for IoT – Apache Hadoop – map reduce job execution workflow.

**book:** Things + Converging Technologies for smart environments and integrated ecosystems. River publishers

**Reference:** Designing Internet of Things, Adrian McEwen, Hakimcassimally.

HOD  
Department Computer Science and Engineering  
Dept. of Computer Science & Engg  
A.U. College Mallepally, Hyd-5. A.P.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

2020-21  
SYLLABUS MODIFIED

Date: \_\_\_\_\_

III YEAR SEMESTER –VI A

PAPER NAME- INTERNATIONAL ECONOMICS

UNIT-1

## UNIT-2 Trade and Growth

Gains from Trade-Trade as an Engine of Economic Growth. Concepts of Terms of Trade Factors affecting Terms of Trade- Singer-Prebisch secular deterioration of Terms of Trade

UNIT-3

UNIT-4

UNIT-5

*Bsiddique*

CHAIR PERSON

BOARD OF STUDIES

HEAD

Department of Economics  
Anwarul Uloom College (Autonomous)  
New Mallepally, Hyderabad.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: \_\_\_\_\_

**SYLLABUS MODIFIED**

**III YEAR SEMESTER –VI B**

**PAPER NAME- ECONOMICS OF INSURANCE**

UNIT-1

UNIT-2

UNIT-3

**UNIT-4—Purpose Of Government Intervention Market, Insurance Regulation In India, Insurance Regulation & Development Authority, Set Up And Management Of Insurance Companies.**

*Bsiddique*

CHAIR PERSON

BOARD OF STUDIES

**HEAD**

**Department of Economics  
Anwarul Uloom College (Autonomous)  
New Mallepally, Hyderabad.**





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## DEPT OF ELECTRONICS (2020\_2021)

### SYLLABUS MODIFIED

#### 1 SEMESTER

##### UNIT 1

**Capacitors:** Concept of capacitance  $V-i$  relation in Capacitor. Energy stored in Capacitor. Various types of capacitors. Combination of Capacitors in Series and Parallel.

**Inductors:** Concept of inductance  $V-i$  relation in inductor. Energy stored in inductor. Mutual inductance and coefficient of coupling. Types of inductors and uses.

#### 2 SEMESTER

1 Experiment change: BJT input and output characteristics ( CB configuration)

Added Extra certificate Courses

- 1) Certificate Course in Virtual LAB
- 2) Certificate Course in Mobile Technology

**Head of the Dept. of Electronics**  
**Anwar-ul-Uloom College - Malleshwari**  
**Hyderabad.**



**ANWARUL ULOOM COLLEGE (AUTONOMOUS)**  
(Accredited by NAAC with 'A' Grade & An ISO 9001:2015 Certified Institution)  
(Affiliated to Osmania University, Hyderabad)

SYLLABUS MODIFIED

2020-2021

ENGLISH (UG)

II YEAR, SEMESTER - III / IV

MAX. MARKS: 80

CREDITS: 5

PAPER CODE: ENG II

PAPER: I

UNIT- I:

UNIT -II:

UNIT III:

UNIT- IV: Report Writing and Letter Writing.

UNIT-V

PRESCRIBED TEXTBOOK FOR SEMESTER III & IV: ENGLISH IN USE: A TEXT BOOK FOR COLLEGE STUDENTS

UNIT-VI

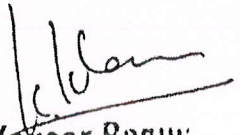
UNIT-VII

UNIT- VIII: Formal Letters along with the Business Letters.

All the changes are made in view to improve student's soft skills, 'LSRW'.

PRESCRIBED BOOK FOR SEMESTER V & VI: ENGLISH IN ACTION: A TEXTBOOK FOR COLLEGE STUDENTS.

All the changes are made in view to improve students' soft skills, 'LSRW'.

  
Capt. Dr. Kaysar Begum,  
Head Department of English,  
Anwarul Uloom Degree College For Women,  
Wanaparthy, Hyderabad-T.S.

**SYLLABUS MODIFIED**

**I YEAR. SEMESTER - III**

**2020-2021**

**PAPER NAME HINDI**

**Paper Code:**

**Marks:**

**P.P.W: 04**

**Unit - I** मत्स्युत्कों से 'नाटक' रूप दिया गया ।

**Unit - II**

**Unit-III** "आश" चार्ट द्वारा दिखाया गया ।

**Unit-IV**

**Unit-V** आदिकाल की स्पष्टता बताई गई ।

**Text Books:**

**Suggested Readings**

**Chairperson**

**Board of Studies**

**MRS. SIBBIKA**  
H.O.D Dept of Hindi,  
ANWAR-UL-ULOOM COLLEGE  
NEW MALLEPALLY, HYD.



**SYLLABUS MODIFIED**

**1 YEAR, SEMESTER-IV 2020 - 2021**

**PAPER NAME HINDI**

**Paper Code:**

**Marks:**

**P.P.W: 04**

**Unit - I** मीरा बाई नाटक रूपक

**Unit - II** वे मुस्काने फूल नहीं

**Unit-III** तू कियो वैठ गया है पथ पर चित्र प्रदर्शन  
video

**Unit-IV**

**Unit-V**

**Text Books: काव्य निधि, हिन्दी साहित्य का इतिहास**

**Suggested Readings**

**Chairperson**

**Board of Studies**

**DR. MOHTI FATIMA**

**H.O.D Dept of HINDI**

**ANWAR-UL-ULOOM COLLEGE**

**NEW MALLEPALLY, HYD.**



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## DEPARTMENT OF HISTORY

### SYLLABUS MODIFIED

2020-21

### III YEAR

### SEMESTER- V

Unit – Renaissance movement in Italy

Unit – II Reformist Zwingli

Unit- III

Unit-IV

Unit-V

  
CHAIRMAN

CHAIRMAN  
Board of Studies  
Dept. of History  
Anwarul-uloom College  
New Mallepally, Hyderabad



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## III YEAR

## SEMESTER- VI

Unit – I

Unit – II Battle of Hunain

Unit- III

Unit-IV

Unit-V

CHAIRMAN

BOS

**CHAIRMAN**  
Board of Studies  
Dept. of History  
Anwarul-uloom College  
New Malleshpally, Hyderabad





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: \_\_\_\_\_

## DEPARTMENT OF BUSINESS ADMINISTRATION

ACADEMIC YEAR – 2020-2021

II YEAR, SEMESTER -III

### PRINCIPLES OF MARKETING

**UNIT – I :** New waves of thought of Marketing concepts

**UNIT– II :** Uprooting the dangers of underdevelopment through marketing Management.

**UNIT - III :**

**UNIT - IV:** Target Marketing

**UNIT - V:** Introduction to PDLC

**CHAIRPERSON**  
**BOARD OF STUDIES**  
Department of Business Administration,  
Anwarul Uloom College (Autonomous)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## II YEAR, SEMESTER -III **ADVANCED ACCOUNTING**


**UNIT - I :**

**UNIT – II :** Objectives of Branch Accounting

**UNIT – III :** Difference between Departmental Account & Branch Account

**UNIT - IV:** Retirement & Death of a Partner

**UNIT - V:** Financial Statement

  
**CHAIRPERSON**  
**BOARD OF STUDIES**  
Department of Business Administration  
Anwarul Uloom College (Autonomous)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## II YEAR, SEMESTER -III BUSINESS STATISTICS-I

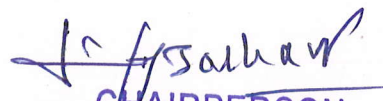
**UNIT - I : Statistical Methods Vs Experimental Methods**

**UNIT - II : Limitation Of Averages**

**UNIT - III : Measures Of Dispersion : Lorenz Curve**

**UNIT - IV :**

**UNIT - V :**

  
**CHAIRPERSON**  
**BOARD OF STUDIES**  
Department of **Business Administration**  
Anwarul Uloom College (Autonomous)  
New Mallepally, Hyderabad-T.S. India.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## II YEAR, SEMESTER -III

### DIRECT TAXES

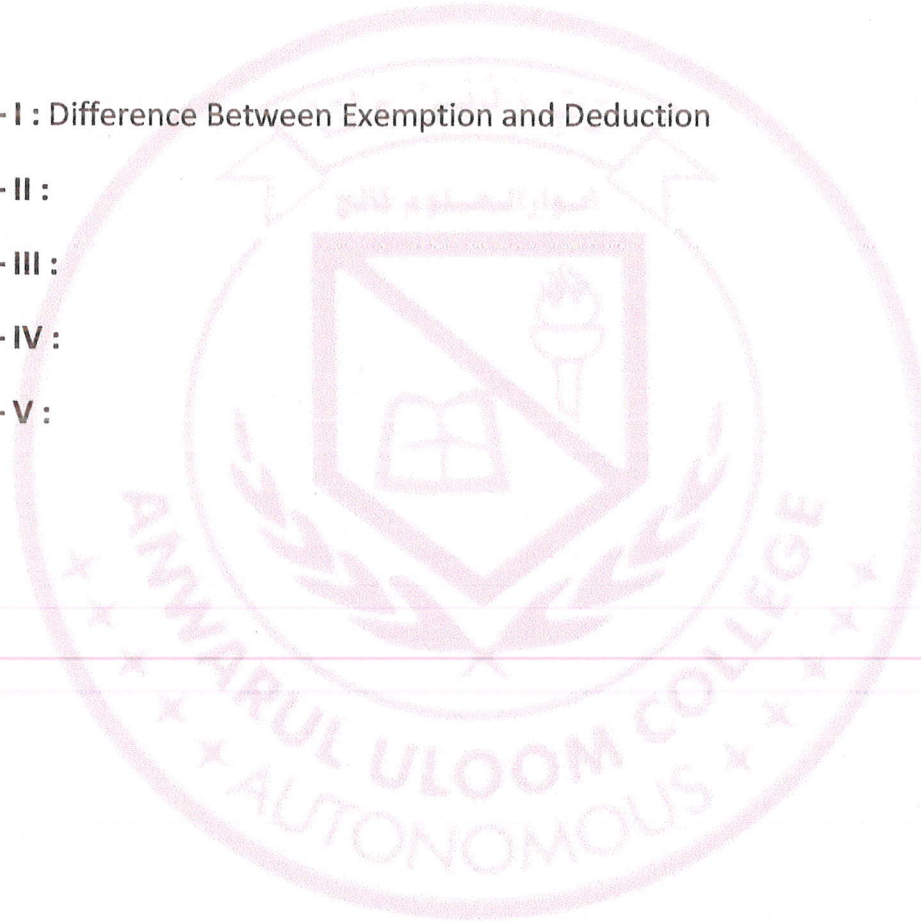
UNIT – I : Difference Between Exemption and Deduction


UNIT – II :

UNIT – III :

UNIT – IV :

UNIT – V :



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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: 16/09/2020

## SYLLABUS MODIFIED

2020-2021

### BSC III YEAR SEMESTER V

#### LINEAR ALGEBRA VA

Paper Code: 6514

Marks:100

P P W:6

Unit – I :vector spaces :vector spaces and subspaces-null spaces and linear transformation.

Unit - II : problems of linearly independent sets:Bases -coordinate systems,the dimension of a vector space

Unit-III :

Unit-IV:Diagonalisation -Eigen vectors

Unit-V:

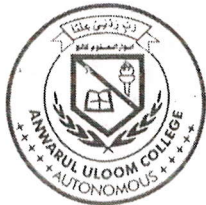
Text Books:DAVID C LAY-LINEAR ALGEBRA AND ITS APPLICATIONS

Suggested Readings:S LANG INTRODUCTION TO LINEAR ALGEBRA

GILBERT STRANG - LINEAR ALGEBRA AND ITS APPLICATION.

  
Chairperson

Board of Studies  
Head  
Department of Mathematics  
Anwarul Uloom College  
Mallepally, Hyderabad.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: 16/09/2020

## SYLLABUS MODIFIED

2020-2021

B SC III YEAR, SEMESTER -VB

SOLID GEOMETRY

Paper Code: 6514

Marks: 50(T),25(P)

P.P.W: 6(T),4(P)

Unit – I

Unit - II :BACKWARD DIFFERENCES.

Unit-III :

Unit-IV:METHOD OF FACTORIZATION

Unit-V:

Text Books:S S SASTRY

ChairpersBoard of Studies

*[Signature]*  
Head  
Department of Mathematics  
Anwarul Uloom College  
New Mallepally, Hyderabad.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: 16/09/2020

## SYLLABUS MODIFIED

2020-2021

B SC III YEAR, SEMESTER -VIA

NUMERICAL ANALYSIS

Paper Code: 6614

Marks:50(T),25(P)

P.P.W: 6(T),4(P)

Unit – I

Unit - II :DATA APPROXIMATIONS AND NEVILL S METHOD

Unit-III :


Unit-IV;PICARD'S METHODS.

Unit-V

Text Books:B BARDIE, M K JAIN.

Chairperson

Board of Studies

  
Head  
Department of Mathematics  
Anwarul Uloom College  
New Mallepally, Hyderabad



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

(Accredited by NAAC with 'A' Grade & An ISO 9001:2015 Certified Institution)  
(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: 16/09/2020

## SYLLABUS MODIFIED

2020-2021

B SC III YEAR, SEMESTER -VI

VECTOR CALCULUS VIB

Paper Code: 6614

Marks: 50

P.P.W: 6hrs

Unit – I : definations and problems of force and applications

Unit - II :

Unit-III :definations and applications of divergence and curl

Unit-IV:

Unit-V:

Text Books:SS SASTRY INTRODUCTORY METHODS OF NUMERICALS.

Suggested Readings:WILLIAM ANTHONY GRANVILLE,PERCEY F SMITH AND WILLIAM RAYMONDLONGLEY

Chairperson

Board of Studies

Head  
Department of Mathematics  
Anwarul Uloom College  
Mallepally, Hyderabad.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: 18/08/2021

## SYLLABUS MODIFIED

2021-2022

### I YEAR, SEMESTER - I DIFFERENTIAL AND INTEGRAL CALCULUS

Paper Code: 6114

Marks: 100

P.P.W: 6 hrs

Unit - I; PARTIAL DIFFERENTIAL BASIC PROBLEMS OF PARTIAL DIFFERENTIATION

Unit - II: DEFINITION OF MAXIMA AND MINIMA OF A FUNCTION OF TWO VARIABLES.

2.4 LAGRANGE'S METHOD OF UNDETERMINED MULTIPLIERS.

Unit-III : Unit-IV; EVOLUTES-EVOLUTE AND INVOLUTES, PROPERTIES OF EVOLUTES, ONE PARAMETER FAMILY OF CURVES  
CONSIDER THE FAMILY OF STRAIGHT LINE, DEFINITION OF DETERMINATION OF ENVELOPES.

Unit-V :

WITH NO PRACTICAL EXAM

Text Books: SHANTI NAYARAN P K MITTAL, DIFFERENTIAL CALCULUS; SHANTI NAYARAN, INTEGRAL CALCULUS.

Chairperson

Board of Studies

*[Signature]*  
Head  
Department of Mathematics  
Anwarul Uloom College  
New Mallepally, Hyderabad.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: \_\_\_\_\_

## SYLLABUS MODIFIED

B.Sc. II YEAR, SEMESTER -III - (2020-2021)

### FOOD AND ENVIRONMENTAL MICROBIOLOGY – Paper III

Paper Code: 6315

Marks:

P.P.W:

#### **Unit – I: FERMENTED FOOD**

- Introduction to fermented foods; Health Benefits of fermented foods; Processing of various fermented vegetable; Sauerkraut, Pickles, Kimchi, Soyabean; Fermented foods; Cholate, Idli, Bread; Dairy microbiology – Types of microorganisms in milk, microbial products of milk; Kefir, cheese, yogurt. Microorganisms as food: Edible mushroom, Probiotics, prebiotic

#### **Unit – II: MICROBIAL FOOD SPOILAGE AND POISONING**

- Microbial food poisoning, risk and hazards, Mycotoxins & their poisoning/toxicity; Food preservation methods and food safety issues; Food Quality: Importance & function of quality control. Methods of quality assessment of foods; screening and enumeration of spoilage microorganisms, detection of pathogens in food.

#### **Unit – III: ENVIRONMENTAL MICROBIOLOGY**

- Microbiology of potable and polluted water; E.coli and Streptococcus faecalis as indicators of water pollution. Sanitation of potable water. Sewage treatment (primary, secondary and tertiary). Solid waste disposal- sanitary landfills composting. Outline of biodegradation of environmental pollutants - pesticides

#### **Unit – IV: MICROBIAL ECOLOGY**

- Microbial interaction – Mutualism, commensalism, antagonism, competition, parasitism, predation. Outline classification of nitrogen fixation (symbiotic, nonsymbiotic); Microorganisms of environment: soil, water, air; Role of microorganisms in nutrient cycles (carbon, nitrogen, sulphur)

#### **Text Books:**

- Stanbury, P.F., Whitaker, A. and Hall, S.J. (1997), Principles of Fermentation Technology, Aditya Books (P) Ltd. New Delhi.
- Doyle, M.P., Beuchat, L.R. and Montville, T.J. (1997), Food Microbiology: Fundamentals and Frontiers. ASM Press, Washington D.C., USA.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

- Frazier, W.C. and Westhoff, D.C. (1988). Food Microbiology, McGraw-Hill, New York
- Jay, J.M. (1996). Modern Food Microbiology, Chapman and Hall, New York.
- Ray, B. (1996). Fundamentals of Food Microbiology, CRC Press, USA.
- Rangaswami, G. and Bhagyaraj, DJ. (2001). Agricultural Microbiology, 2nd Edition, Prentice Hall of India, New Delhi.
- Atlas, R.M. and Bartha, R. (1998). Microbial Ecology - Fundamentals and Applications, Addison Wesley Longman, Inc., USA
- Paul, E.A. and Clark, F.E. (1989). Soil Microbiology and Biochemistry, Academic Press, USA.

**Chairperson  
Board of Studies**

Department of Microbiology  
Anwarul Uloom College  
(Autonomous)  
(Affiliated to Osmania University)  
New Mallepally, Hyderabad-01.T.S.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## SYLLABUS MODIFIED

B.Sc. II YEAR, SEMESTER –IV – (2020-2021)

Medical Microbiology and Immunology – Paper IV

Paper Code: 6415

Marks: \_\_\_\_\_

P.P.W: \_\_\_\_\_

### **Unit – I: MEDICAL BACTERIOLOGY**

- History of Medical Microbiology, Normal flora of human body. Normal flora of human body; Definition of infection, Non specific defence; Mechanism, mechanical indigenous flora; Antibacterial substance-Lysozyme, complement, Antiviral substances, Phagocytosis. Host pathogens interaction, bacterial toxins, virulence & attenuation.

### **Unit – II: MEDICAL VIROLOGY AND PARASITOLOGY**

- Air borne disease – Tuberculosis, Influenza; Food and waterborne diseases – Cholera, Typhoid, Poliomyelitis, Amoebiasis; Insect borne diseases – Malaria, Dengue fever; Viral diseases – HIV, SARS.

### **Unit – III: INTRODUCTION OF MICROBOLOGY**

- Types of immunity – Innate & Acquired, Active & Passive, Humoral Cell mediate immunity; Primary and secondary organs of immune system – Thymus, bursa of fabrica, bone marrow, spleen and lymphnodes, mucus associated. Identification and functions of B & T Lymphocytes, Null cells, Monocytes. Macrophages, Neutrophills, Basophills & Eosinophills. Antigen – types, chemical nature. Antigenic determinants – Haptens. Factors affecting antigenicity; Antibodies – Basic structure, types, properties & functions of immunoglobulins.

### **Unit – IV: ANTIGEN – ANTIBODY INTRactions**

- Types of Antigen – Antibody reactions – Agglutination, Blood groups, precipitation, Neutralization, Complement fixation. Labeled antibody based techniques – ELISA, RIA and immunofluorescence; Types of hypersensitivity immediate and delayed. Autoimmunity and its significance. Polyclonal and monoclonal antibodies.

### **Text Books:**

- Ananthanarayana, R. and Panicker, C.K.S. (2000). Text Book of Microbiology, 6th Edition, Oriental Longman Publications, USA.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

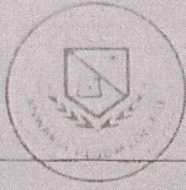
Date: \_\_\_\_\_

- Gupte, S. (1995). Short Text Book of Medical Microbiology, 8th Edition, Jaypee Brothers Medical Publishers (P) Ltd, New Delhi.
- Biochemistry of antimicrobial action. Franklin, DJ. and Snow, G. Pub: Chapman & Hall. Antibiotics and Chemotherapy. Garrod, L.P., Lambert, HP. And Cady, F. (eds). Publ: Churchill Livingstone.
- Antibiotics. Lancini, G. and Parenti, F. publ: Springer-Verlag. The Molecular Basis of antibiotic action. Ga.e, EF. Et al. Publ: Wiley, New York. Antimicrobial Drug action. Williams, RAD., Lambart, PA. & Singleton, P. Pub: Bios Sci. Microbiological Assays. Hewitt.

**Chairperson  
Board of Studies**

Department of Microbiology  
Anwarul Uloom College  
(Autonomous)  
(Affiliated to Osmania University)  
New Mallepally, Hyderabad-01.T.S.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

DEPARTMENT OF NUTRITION AND DIETETICS

SYLLABUS MODIFIED (2020-2021)

B.Sc. IIIrd YEAR, Vth SEMESTER

DIET THERAPY-I

PAPER CODE:BS504

MARKS:50/35

P.P.W:04

Unit-I:

- Hospital Diets
- Clear Fluid Diet
- Full Fluid Diet

Unit-II:

- Oral Rehydration Therapy

Unit-III:

- Mono chain Triglycerides

Unit-IV:

- Drug and Food interactions

Text books

1. D) Sri Lakshmi B – Dietetics, 5th Edition, New Age International Publishers, 2002.

Reference Books:

1) Anita F P – Clinical Dietetics and Nutrition, Oxford University Press, New Delhi, 2003.

2) Mahtab S Bamji, Prahlad Rao N, Vinodini Reddy – Text Book of Human Nutrition, 2nd Edition, Oxford and IBH Publishing Co, Pvt. Ltd, 2004

3) Swaminathan M – Essentials of Food and Nutrition, Volume – 2, Bangalore Printing and Publishers Co. Ltd., Bangalore 1985

*Nojia*

CHAIRPERSON

BOARD OF STUDIES

**HEAD**

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



ANWAR UL-ULOOM COLLEGE  
CAUTIONOUS SEMESTER I, HYD-500001,  
DEPARTMENT OF NUTRITION AND DIETETICS,  
SYLLABUS MODIFIED 2021-2024  
B.Sc. III<sup>rd</sup> YEAR, VII SEMESTER  
DIET THERAPY-II

MARKS: 50/35

PAPER CODE: BS604

P.P.W.:04

Unit - I

- Energy imbalance
- Intermittent fevers

Unit - II

- IDI and Cholesterol synthesis

Unit - III

- Types of Dialysis

Unit - IV

- Food intolerance

Text books

1. Sri Lakshmi B. Dietetics, 5th Edition, New Age International Publishers, 2002.

Reference Books:

1. Anita P. Clinical Dietetics and Nutrition, Oxford University Press, New Delhi, 2003

2. Mahab S Banji, Prabhat Rao N, Vinodini Reddy - Text Book of Human Nutrition, 2nd Edition, Oxford and J.B.H Publishing Co. Pvt. Ltd. 2004

*ANITA*  
HEAD  
Dept. of Nutrition & Dietetics  
ANWARUL-ULOOM COLLEGE  
New Multitapally, Hyderabad.  
Telangana-500 001.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

**B.Sc. - Department of Physics**

**Syllabus Modified Academic Year : 2020-2021**

**Semester -V Batch : 2018 - 2019**

**Subject: Electricity and Magnetism / Maxwell's Equations and Electronics**

**Paper - V**

**Unit - I:** Electric field strength from the electric dipole and an infinite line of charge, Potential of a uniformly charged circular disc.

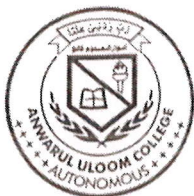
**Unit - II:** Dielectric constant, susceptibility and relation between them, Boundary conditions at the dielectric surface.

**Unit - III:** Magnetic induction, magnetic field, permeability and susceptibility, Hysteresis loop, Cyclotron.

**Unit - IV:** Betatron, Ballistic galvanometer theory and working.

*Khalequl Haq*

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

**B.Sc. - Department of Physics**

**Syllabus Modified Academic Year : 2020-2021**

**Semester - VI Batch : 2018 - 2019**

**Subject: Modern Physics / Nuclear Physics, Solid State Physics**

**Paper - VI**

**Unit - I:** Binding energy of nucleus, deuteron binding energy.

**Unit - II:** Beta spectrum - neutrino hypothesis, Fermi theory of alpha decay.

**Unit - III:** Application of Miller indices, simple crystal structures(SC, BCC, CsCl, FCC and NaCl, diamond and zinc blends).

**Unit - IV:** Magnetic properties of Dia, Para and ferromagnetic materials, Langevin's theory of para magnetism, Meissner effect, Persistent current.

*Khalequlabatz*

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

**BA EPP/HPML**  
**POLITICAL SCIENCE**  
**SYLLABUS MODIFIED**  
**2020-21**

**III YEAR**  
**SEMESTER-V A**

**Unit – I**

**Unit – II** Swami Vivekananda

**Unit-III** Satyashodak Samaj

**Unit-IV**

**Unit-V**

**CHAIRMAN**  
**BOS**  
**HEAD**  
DEPT. OF POLITICAL SCIENCE  
ANWARUL-ULOOM COLLEGE (AUTONOMOUS),  
HYDRABAD.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## III YEAR SEMESTER-V B

Unit - I

Unit -II

Unit-III Phases of cold war

Unit-IV

Unit-V

**CHAIRMAN**  
**BOS**

**HEAD**  
**DEPT. OF POLITICAL SCIENCE**  
**ANWARUL-ULOOM COLLEGE (AUTONOMOUS)**  
**HYDERABAD.**



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## III YEAR SEMESTER -VI A

Unit - I

Unit - II

Unit-III

Unit-IV

Unit-V Critique of Capitalism

CHAIRMAN

BOS

HEAD

DEPT. OF POLITICAL SCIENCE  
ANWARUL-ULOOM COLLEGE (AUTONOMOUS)  
HYDERABAD.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## III YEAR SEMESTER -VI B

**Unit - I**

**Unit - II**

**Unit-III** Non Proliferation Treaty and Comprehensive Test Ban Treaty

**Unit-IV**

**Unit-V**

**CHAIRMAN  
BOS**

**HEAD  
DEPT. OF POLITICAL SCIENCE  
ANWARUL-ULDOM COLLEGE (AUTONOMOUS)  
HYDERABAD.**





# ANWARUL ULOOM COLLEGE(AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

**BA EPP**  
**PUBLIC ADMINISTRATION**  
**SYLLABUS MODIFIED**  
**2020-21**

**III YEAR**  
**SEMESTER-V A**

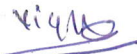
**Unit – I** Manpower Planning

**Unit – II**

**Unit-III**

**Unit-IV**

**Unit-V**

  
**CHAIRMAN**  
**BOS**

**HEAD**  
**DEPT. OF PUBLIC ADMINISTRATION**  
**ANWARUL ULOOM COLLEGE**  
**HYDERABAD.**



# ANWARUL ULOOM COLLEGE(AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## III YEAR SEMESTER-V B

Unit - I

Unit -II Office Planning and Layout

Unit-III

Unit-IV

Unit-V

  
CHAIRMAN  
BOS

HEAD  
DEPT. OF PUBLIC ADMINISTRATION  
ANWARUL ULOOM COLLEGE  
HYDERABAD.



# ANWARUL ULOOM COLLEGE(AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## III YEAR

## SEMESTER - VIA

Unit - I Attorney general of India

Unit - II

Unit-III

Unit-IV

Unit-V

  
CHAIRMAN  
BOS

HEAD  
DEPT. OF PUBLIC ADMINISTRATION  
ANWARUL ULOOM COLLEGE  
HYDERABAD.





# ANWARUL ULOOM COLLEGE(AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## III YEAR

## SEMESTER -VI B

Unit - I Office Coordination

Unit - II

Unit-III

Unit-IV

Unit-V

  
CHAIRMAN  
BOS

HEAD  
DEPT. OF PUBLIC ADMINISTRATION  
ANWARUL ULOOM COLLEGE  
HYDERABAD.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## SYLLABUS MODIFIED

2020-21

II YEAR

SEMESTER-III

Unit – I

Do Rang Qoob Nahi Ek Rang Huja by Siraj Aurangabadi

Unit – II

Unit-III

Unit-IV

Unit-V

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## SYLLABUS MODIFIED

**2020-21**

**II YEAR**

**SEMESTER-IV**

**Unit – I**

**Unit – II Nazam : Murgha bhi**

**Unit-III**

**Unit-IV**

**Unit-V**

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





# ANWARUL ULOOM COLLEGE

(Autonomous)  
(Accredited by NAAC with 'A' Grade)  
(Affiliated to Osmania University, Hyderabad)

(A Muslim Minority Institution)

Ref. No.

Date 8-8-2022

## SYLLABUS MODIFIED IN ACADEMIC YEAR 2020-2021

BSc III YEAR SEMESTER V

PAPER NAME - BIOCHEMISTRY AND ENDOCRINOLOGY

Paper code :

Marks 35

P.P.W

UNIT: I

UNIT: II - Enzyme Kinetics

UNIT: III

UNIT: IV 4.5 Hormones and Reproduction

Text Books

Suggested Readings

Chairperson

Board Of Studies

Dept. of Zoology  
A.U. College, Hvd



# ANWARUL ULOOM COLLEGE

(Autonomous)  
(Accredited by NAAC with 'A' Grade)  
(Affiliated to Osmania University, Hyderabad)

(A Muslim Minority Institution)

Ref. No.

Date 8-8-2022

## SYLLABUS MODIFIED IN ACADEMIC YEAR 2020-2021

BSc III YEAR SEMESTER VI A

PAPER NAME - FISHERIES AND HAEMATOLOGY

Paper code :

Marks 35

P.P.W

UNIT: I

UNIT: II - Shrimp and Prawn culture

UNIT: III

UNIT: IV 4.3 Blood Clotting

Text Books

Suggested Readings

Chairperson

Board Of Studies

Dept. of Zoology  
A.U. College, Hyd

# 11-3-918, New Mallepally, Hyderabad - 500 001. Telangana State, INDIA

Ph. No. +91-40-2334 0134, 2334 2285, 2334 4175, 2334 8242, 2334 3170, Fax: +91-40-2334 2750

E-mail: audegreecollege@gmail.com Website: www.anwarululoom.in



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## DEPARTMENT OF BIOTECHNOLOGY

*M.Sc* SYLLABUS MODIFIED

2020-2021

II<sup>nd</sup> Year, Semester III

Paper I: rDNA Technology

Paper code:

P.P.W: 4

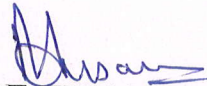
Marks:80/32

Unit I: Cosmids, Nucleases

Unit II: PCR types

Unit III: Immunological probes

Unit IV: Next generation sequencing

  
HEAD OF THE DEPARTMENT

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





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## DEPARTMENT OF BIOTECHNOLOGY

### SYLLABUS MODIFIED

2020-2021

II<sup>nd</sup> Year, Semester III

**Paper II: Bioinformatics and its application**

**Paper code:**

**Marks:80/32**

**P.P.W: 4**

**Unit I:** Bioinformatics web portals

**Unit II:** Nucleotide distribution matrix

**Unit III:** Overview of drug discovery

**Unit IV:** UPGMA based tree reconstruction

  
**HEAD OF THE DEPARTMENT**

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## DEPARTMENT OF BIOTECHNOLOGY

### SYLLABUS MODIFIED

2020-2021

II<sup>nd</sup> Year, Semester III

Paper III: Food Biotechnology

Paper code:

Marks:80/32

P.P.W: 4

Unit I: Recommended dietary allowances

Unit II: Chemical preservation

Unit III: Probiotics and prebiotics

Unit IV: Food Standard regulation

  
HEAD OF THE DEPARTMENT

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





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

**DEPARTMENT OF BIOTECHNOLOGY**

Date: \_\_\_\_\_

**SYLLABUS MODIFIED**

**2020-2021**

**II<sup>nd</sup> Year, Semester III**

**Paper IV: Animal Biotechnology**

**Paper code:**

**Marks:80/32**

**P.P.W: 4**

**Unit I:** Tissue Engineering

**Unit II:** Preservation of endangered species

**Unit III:** Isolation of genes of economic importance

**Unit IV:** Genome editing tools

  
**HEAD OF THE DEPARTMENT**

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





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

**DEPARTMENT OF BIOTECHNOLOGY**

Date: \_\_\_\_\_

**SYLLABUS MODIFIED**

**2020-2021**

**II<sup>nd</sup> Year, Semester IV**

**Paper I: Bioprocess Engineering**

**Paper code:**

**Marks:80/32**

**P.P.W: 4**

**Unit I: Cell Immobilization**

**Unit II: Design of depth filter**

**Unit III: Membrane filtration**

**Unit IV: Cost benefit analysis**

  
**HEAD OF THE DEPARTMENT**

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





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

**DEPARTMENT OF BIOTECHNOLOGY**

Date: \_\_\_\_\_

**SYLLABUS MODIFIED**

**2020-2021**

**II<sup>nd</sup> Year, Semester IV**

**Paper II: Medical Biotechnology**

**Paper code:**

**Marks:80/32**

**P.P.W: 4**

**Unit I:** Angelman syndrome

**Unit II:** Application to disease diagnosis

**Unit III:** Vector vaccines

**Unit IV:** Nano medicine in cancer

  
**HEAD OF THE DEPARTMENT**

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





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

**DEPARTMENT OF BIOTECHNOLOGY**

Date: \_\_\_\_\_

**SYLLABUS MODIFIED**

**2020-2021**

**II<sup>nd</sup> Year, Semester IV**

**Paper III: Environmental Biotechnology**

**Paper code:**

**Marks:80/32**

**P.P.W: 4**

**Unit I: Heavy metals and pesticide**

**Unit II: Solid waste management**

**Unit III: Production of Biogas**

**Unit IV: Viral biopesticides**

**HEAD OF THE DEPARTMENT**

**HEAD**

Department of Biotechnology

ANWAR-UL-ULOOM COLLEGE

Mallepally, Hyderabad-500 001.





ANWARUL ULOOM COLLEGE (AUTONOMOUS)  
(Accredited by NAAC with 'A' Grade & An ISO 9001:2015 Certified Institution)  
(Affiliated to Osmania University, Hyderabad)

**SYLLABUS MODIFIED (2020-2021)**

**M.Sc. II YEAR , SEMESTER-III**

**Paper—I Cell Biology, Genetics and Biostatistics**

**Paper Code: MBOT.CC.T.2.301 Marks : 80**

**PPW: 4**

Unit: I

Chapter: 1.RNA Splicing

Unit: II

Chapter: 5. Ac-Ds System

Unit: III

Chapter: 10. Cytoplasmic DNA in Mitochondria and Chloroplast

Unit: IV

Chapter: 15. Applications of probability

**Suggested Reading:**

Biotechnology by U. Satynarayana

Genetics by Fletcher

Genetics by Knudson and Simons

**Chairperson Board of Studies**

Head Department of Botany  
Anwar-ul-Uloom College  
New Mallepally, Hyderabad.



ANWARUL ULOOM COLLEGE (AUTONOMOUS)  
(Accredited by NAAC with 'A' Grade & An ISO 9001:2015 Certified Institution)  
(Affiliated to Osmania University, Hyderabad)

**SYLLABUS MODIFIED (2020-2021)**

**M.Sc. II YEAR , SEMESTER-III**

**Paper—II Environmental Pollution and Protection**

**Paper Code: MBOT.CC.T.2.302 Marks : 80**

**PPW: 4**

**Unit-I**

Chapter: 4 Measurement and indices of Noise Pollution

**Unit-II**

Chapter:10 Waster water recycling

**Unit-III**

Chapter : 11 Analysis of soil quality

**Unit-IV**

Chapter: 18 Programmes to create environmental consciousness in the citizens

**Text Books:**

1)Air Pollution by Rao & Gill

**Suggested Reading:** Ecology and Environment by P.D Sharma

**Chairperson**

**Board of Studies**

Head Department of Botany  
Anwar-ul-Uloom College  
New Mallepally, Hyderabad.



ANWARUL ULOOM COLLEGE (AUTONOMOUS)  
(Accredited by NAAC with 'A' Grade & An ISO 9001:2015 Certified Institution)  
(Affiliated to Osmania University, Hyderabad)

**SYLLABUS MODIFIED (2020-2021)**

**M.Sc. II YEAR , SEMESTER-III**

**Paper—IV Genetics**

**Paper Code: MBOT.EC.T.2.304/D**

**Marks : 80**

**PPW: 4**

**UNIT-I:**

chapter-1-Characteristics of DNA

**UNIT-II**

-chapter-6-Initiator proteins.

**UNIT-III-**

chapter-11-Teminism.

**UNIT-IV**

-chapter-14-Sex chromosomes and autosomes.

**TEXT BOOKS:**

1. Molecular biology by Robert F.weaver.
- 2.Cell and molecular biology by lodish.
- 3.Genetics by p.k.gupta.
- 4.Genetis by DR.Veer bala Rastogi.

**Chair person**

**Board of Studies**

Head Department of  
Anwar-ul-Uloom College  
New Mallepally, Hyderabad.





ANWARUL ULOOM COLLEGE (AUTONOMOUS)  
(Accredited by NAAC with 'A' Grade & An ISO 9001:2015 Certified Institution)  
(Affiliated to Osmania University, Hyderabad)

**SYLLABUS MODIFIED (2020-2021)**

**M.Sc. II YEAR , SEMESTER-IV**

**Paper—II Horticulture and Plant Breeding**

**Paper Code: MBOT.CC.T.2.402**

**Marks : 80**

**PPW: 4**

**Unit-I**

Chapter: 1 Seed Dormancy and methods to overcome it

**Unit-II**

Chapter: 4 Mist propagation

**Unit-III**

Chapter : 7 Testing and release of new cultivars

**Unit-IV**

Chapter: 8 Polyploidy and role of polyploids in crop breeding

**Text Books:**

- 1) Plant Breeding by Allard
- 2) Genetics by Sambamurthy

**Suggested Reading:** Plant Breeding by Randhawa

**Text Books:**

- 1) Plant Breeding by Randhawa
- 2) Field crop research by Poehlman

**Chairperson**

**Board of Studies**  
Head Department of Botany  
Anwar-ul-Uloom College  
New Malleshpally, Hyderabad.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: 22-03-2021

## SYLLABUS MODIFIED

M.Sc. (Organic Chemistry) III - SEMESTER

Synthesis and analysis of drugs practical

2020-2021

Paper: 5P

Paper Code : 532P

Marks:100

P.P.W : 4 hrs

Unit-I - Lab synthesis of some drugs.

Unit -II - Estimation of drugs.

Unit-iii - Nil

Unit - iv - Nil

Text Books - Pharmaceutical drug analysis by AshutoshKar

Suggested reading :- Text book of practical chemistry by Vogel

Chairperson

**HEAD**

**Department of Chemistry,  
Board of Studies  
Anwarul Uloom College,  
New Mallepally, Hyderabad.**



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: 29-03-2021

## SYLLABUS MODIFIED

M.Sc. (Organic Chemistry) IV - SEMESTER

Project Paper

2020-2021

Paper: 6P

Paper Code: 545P.

Marks:100

P.P.W : 4 hrs

Unit-I - Project

Unit -II - Nil

Unit-iii - Nil

Unit - iv - Nil

Suggested reading :- Literature review – Library visits and internet search

Chairperson

HEAD  
Board of Studies  
Department of Chemistry,  
Anwarul Uloom College,  
New Mallepally, Hyderabad.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## DEPARTMENT OF COMMERCE (PG)

M. COM. ( Final )

Syllabus Modified (2020-21)

II YEAR SEMESTER - III

### RESEARCH METHODOLOGY AN STATISTICAL ANALYSIS

Paper Code : Com 11: Core – I

Marks 100

Unit I : Difficulties in Business Research

Unit II :

Unit III :

Unit IV : Mathematical expectations

Unit V :

Chair person

Board of Studies

For: *Shobha Rao*  
**HEAD**

*Department of Commerce*  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

## DEPARTMENT OF COMMERCE (PG)

M. COM. ( Final )

Syllabus Modified ( 2020-21)

II YEAR SEMESTER - III

E-COMMERCE

Paper Code: Com 12: Core – II

Marks 100

Unit I : Future of E-commerce

Unit II : Portal Vs Website

Unit III : Risk and Electronic system

Unit IV :

Unit V :

Chair person

Board of Studies  
*Shobha fari*  
HEAD

Department of Commerce  
(REGULAR)  
ANWARUL ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: \_\_\_\_\_

DEPARTMENT OF COMMERCE (PG)

M. COM. ( Final )

Syllabus Modified ( 2020-21)

II YEAR SEMESTER - III

COST ACCOUNTING & CONTROL

Paper Code : Com 13: Core – III

Marks 100

Unit I:

Unit II :

Unit III : Differential Costing

Unit IV : Zeros based budgeting ( including problems)

Unit V : Revision of standards

Chair person

Board of Studies  
*Prof. Shobha Rao*

**HEAD**

**Department of Commerce**

(REGULAR)

ANWARUL-ULOOM COLLEGE

(AUTONOMOUS)

New Mallepally, Hyderabad-T.S. India.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: \_\_\_\_\_

DEPARTMENT OF COMMERCE (PG)

M. COM. ( Final )

Syllabus Modified ( 2020-21 )

II YEAR SEMESTER - III

INTERNATIONAL FINANCIAL MANAGEMENT

Paper Code : Com 14: Elective – I

Marks 100

Unit I:

Unit II: Exchange rate determination in spot market

Unit III:

Unit IV: Euro Issues

Unit V: Counter trade

Chair person

Board of Studies  
For Shobhakarani  
**HEAD**

**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: \_\_\_\_\_

## DEPARTMENT OF COMMERCE (PG)

M. COM. ( Final )

Syllabus Modified ( 2020- – 2021 )

II YEAR SEMESTER - IV

### SECURITIES ANALYSIS AND PORTFOLIO MANAGEMENT

Paper Code : Com 15 : Elective – II

Marks 100

Unit I : Efficient market theory

Unit II :

Unit III : Limitations of Arbitrage Pricing Theory

Unit IV :

Unit V : Constant ratio plan

Chair person

Board of Studies  
*Prof. Shobha Rao*  
**HEAD**  
**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: \_\_\_\_\_

## DEPARTMENT OF COMMERCE (PG)

M. COM. ( Final )

Syllabus Modified ( 2020 – 2021 )

II YEAR SEMESTER - IV

### QUANTATIVE TECHNIQUES FOR BUSINESS DECISIONS

Paper Code : Com 16 : Core – I

Marks 100

Unit I : Estimation and testing of number

Unit II :

Unit III : np chart

Unit IV :

Unit V : Application of LP

Chair person

Board of Studies  
*K. Shobharani*  
**HEAD**  
**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: \_\_\_\_\_

## DEPARTMENT OF COMMERCE (PG)

M. COM. ( Final )

Syllabus Modified ( 2020-21)

II YEAR SEMESTER - IV

## BUSINESS & CORPORATE TAXATION

Paper Code : Com 17: Core – II

Marks 100

Unit I :

Unit II :

Unit III : Tax on Income receipt from venture capital companies and firms

Unit IV : Security Transaction Tax

Unit V :

Chair person

Board of Studies  
For *Shobha Rao*  
**HEAD**  
**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: \_\_\_\_\_

## DEPARTMENT OF COMMERCE (PG)

M. COM. ( Final )

Syllabus Modified ( 2020-21 )

II YEAR SEMESTER - IV

STRATEGIC MANGEMENT

Paper Code : Com 18 : COM – III

Marks 100

Unit I : Corporate Citizenship

Unit II : Porters Five Forces Model

Unit III :

Unit IV : Performance Evaluating

Unit V :

Chair person

Board of Studies  
*Per* Shottakar  
**HEAD**

**Department of Commerce**  
(REGULAR)  
**ANWARUL-ULOOM COLLEGE**  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: \_\_\_\_\_

## DEPARTMENT OF COMMERCE (PG)

M. COM. ( Final )

Syllabus Modified (2020-21)

II YEAR SEMESTER - IV

FINANCIAL SERVICES

Paper Code : Com 19 : Elective – I

Marks 100

Unit I : Challenges facing the financial services sector

Unit II :

Unit III : Scenario of Mutual funds in India

Unit IV :

Unit V : Future prospects of securitization

Chair person

Board of Studies  
Prof. Shobha Rani  
**HEAD**  
**Department of Commerce**  
(REGULAR)  
ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)  
New Mallepally, Hyderabad-T.S. India.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: \_\_\_\_\_

## DEPARTMENT OF COMMERCE (PG)

M. COM. ( Final )

Syllabus Modified ( 2020-21)

II YEAR SEMESTER - IV

FINANCIAL DERIVITIVES

Paper Code : Com 20: Elective – II

Marks 100

Unit I : Emerging structure of derivatives market in India

Unit II : Theory of future prices

Unit III :

Unit IV : Pricing and valuing swap

Unit V :

Chair person

Board of Studies

*Pw. Shobha Rao*  
**HEAD**

**Department of Commerce**

(REGULAR)

ANWARUL-ULOOM COLLEGE  
(AUTONOMOUS)

New Mallepally, Hyderabad-T.S. India.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

**2020-21**

**SYLLABUS MODIFIED**

**II YEAR SEMESTER -III**

**PAPER NAME- PUBLIC ECONOMICS-I**

UNIT-1

UNIT-2

UNIT-3

UNIT-4- TAXATION:

APPROACHES TO TAXATION, BENEFIT APPROACH- ELASTICITY OF DEMAND & SUPPLY OF TAXATION- INCIDENCE  
OF SHIFTING OF TAXATION- TYPES & CLASSIFICATION OF TAXES & VAT

UNIT-5

**Bsiddiqua**  
CHAIR PERSON

BOARD OF STUDIES

**HEAD**  
Department of Economics  
Anwarul Uloom College (Autonomous)  
New Mallepally, Hyderabad.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No. \_\_\_\_\_

Date: \_\_\_\_\_

**SYLLABUS MODIFIED**

**II YEAR SEMESTER -IV**

**PAPER NAME- ECONOMETRICS-II**

UNIT-1

UNIT-2

**UNIT-3-TIME SERIES ANALYSIS: Stationarity, Test of stationarity, Dickey-Fuller test, Unit root, co integration, spurious regression, Engel - Granger test, Random walk model, Error correction mechanism, causality test, Granger and Sim's test.**

UNIT-4

UNIT-5

*Bsiddiqua*

CHAIR PERSON

BOARD OF STUDIES

HEAD

Department of Economics  
Anwarul Uloom College (Autonomous)  
New Mallepally, Hyderabad.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## SYLLABUS MODIFICATION

M.A (ENGLISH)

2020-2021

MAX. MARKS: 80  
CREDITS: 5

### PAPER-I: 101 ELT: HISTORY, DESCRIPTION AND PRACTICE

UNIT I: The Rise of Standard of English and Modern English.

UNIT: II: Word Formation-Different processes

- Change of Meaning-Different Processes

UNIT: III

UNIT: IV: Difference between British English and American English

UNIT: V

### PAPER-II: 102 ENGLISH POETRY

UNIT-I: Fancy and Imagination

UNIT-II:

UNIT-III: William Wordsworth "Anecdote for Fathers".

UNIT-IV: Robert Browning "The Lost leader".

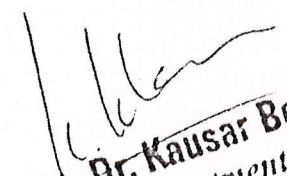
UNIT -V: Seamus Heaney "Alphabets"

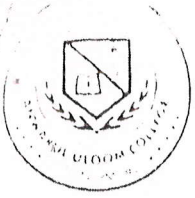
### PAPER-III: 103 ENGLISH DRAMA

UNIT -I

UNIT-II William Shakespeare "The Tempest"

UNIT-III Oscar Wilde "The Importance of Being Earnest"

  
Capt. Dr. Kausar Begum  
Head Department of I  
Anwar Uloom Degree College  
Mallepally, Hyderabad



ANWARUL ULOOM COLLEGE

(Accredited by NAAC with 'A' Grade & An ISO 9001:2015 Certified Institution)  
(Affiliated to Osmania University, Hyderabad)

SYLLABUS MODIFICATION

M.A (ENGLISH)

2020-2021

MAX. MARKS: 80  
CREDITS: 5

PAPER-I: 101 ELT: HISTORY, DESCRIPTION AND PRACTICE

UNIT I: The Rise of Standard of English and Modern English.

UNIT: II: Word Formation-Different processes

- Change of Meaning-Different Processes

UNIT: III

UNIT: IV: Difference between British English and American English

UNIT: V

PAPER-II: 102 ENGLISH POETRY

UNIT-I: Fancy and Imagination

UNIT-II:

UNIT-III: William Wordsworth "Anecdote for Fathers".

UNIT-IV: Robert Browning "The Lost leader".

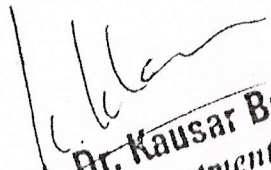
UNIT -V: Seamus Heaney "Alphabets"

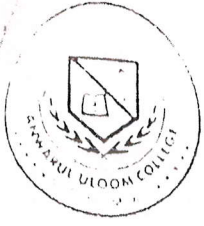
PAPER-III: 103 ENGLISH DRAMA

UNIT -I

UNIT-II William Shakespeare "The Tempest"

UNIT-III Oscar Wilde "The Importance of Being Earnest"

  
**Capt. Dr. Kausar Begum**  
Head Department of English  
Anwar Uloom Degree College For Women  
Mallepally, Hyderabad



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## SYLLABUS MODIFICATION

M.A (ENGLISH)

2020-2021

MAX. MARKS: 80

CREDITS: 5

### PAPER-I: 101 ELT: HISTORY, DESCRIPTION AND PRACTICE

UNIT I: The Rise of Standard of English and Modern English.

UNIT: II: Word Formation-Different processes

- Change of Meaning-Different Processes

UNIT: III

UNIT: IV: Difference between British English and American English

UNIT: V

### PAPER-II: 102 ENGLISH POETRY

UNIT-I: Fancy and Imagination

UNIT-II:

UNIT-III William Wordsworth "Anecdote for Fathers".

UNIT-IV: Robert Browning "The Lost leader".

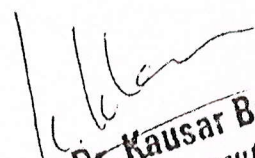
UNIT -V: Seamus Heaney "Alphabets"

### PAPER-III: 103 ENGLISH DRAMA

UNIT -I

UNIT-II William Shakespeare "The Tempest"

UNIT-III Oscar Wilde "The Importance of Being Earnest"

  
Capt. Dr. Kausar Begum Kh  
Head Department of English  
Anwar Uloom Degree College For V  
Mallepally, Hyderabad-T





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## SYLLABUS MODIFICATION

M.A (ENGLISH)

2020-2021

MAX. MARKS: 80

CREDITS: 5

### PAPER-I: 101 ELT: HISTORY, DESCRIPTION AND PRACTICE

UNIT I: The Rise of Standard of English and Modern English.

UNIT: II: Word Formation-Different processes

- Change of Meaning-Different Processes

UNIT: III

UNIT: IV: Difference between British English and American English

UNIT: V

### PAPER-II: 102 ENGLISH POETRY

UNIT-I: Fancy and Imagination

UNIT-II:

UNIT-III: William Wordsworth "Anecdote for Fathers".

UNIT-IV: Robert Browning "The Lost leader".

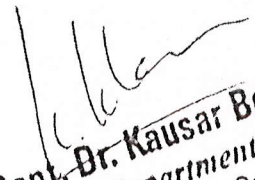
UNIT -V: Seamus Heaney "Alphabets"

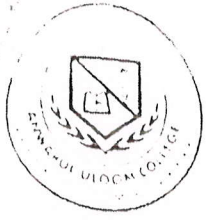
### PAPER-III: 103 ENGLISH DRAMA

UNIT -I

UNIT-II William Shakespeare "The Tempest"

UNIT-III Oscar Wilde "The Importance of Being Earnest"

  
Capt. Dr. Kausar Begum K  
Head Department of Eng<sup>l</sup>  
Anwar Uloom Degree College For  
Mallepally, Hyderabad.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

(Accredited by NAAC with 'A' Grade & An ISO 9001:2015 Certified Institution)  
(Affiliated to Osmania University, Hyderabad)

## SYLLABUS MODIFICATION

M.A (ENGLISH)

2020-2021

MAX. MARKS: 80

CREDITS: 5

### PAPER-I: 101 ELT: HISTORY, DESCRIPTION AND PRACTICE

UNIT I: The Rise of Standard of English and Modern English.

UNIT: II: Word Formation-Different processes

- Change of Meaning-Different Processes

UNIT: III

UNIT: IV: Difference between British English and American English

UNIT: V

### PAPER-II: 102 ENGLISH POETRY

UNIT-I: Fancy and Imagination

UNIT-II:

UNIT-III: William Wordsworth "Anecdote for Fathers".

UNIT-IV: Robert Browning "The Lost leader".

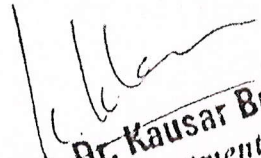
UNIT -V: Seamus Heaney "Alphabets"

### PAPER-III: 103 ENGLISH DRAMA

UNIT -I

UNIT-II William Shakespeare "The Tempest"

UNIT-III Oscar Wilde "The Importance of Being Earnest"

  
**Capt. Dr. Kausar Begum**  
Head Department of English  
Anwar Uloom Degree College For Women  
Mallepally, Hyderabad



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## SYLLABUS MODIFICATION

M.A (ENGLISH)

2020-2021

MAX. MARKS: 80  
CREDITS: 5

### PAPER-I: 101 ELT: HISTORY, DESCRIPTION AND PRACTICE

UNIT I: The Rise of Standard of English and Modern English.

UNIT: II: Word Formation-Different processes

- Change of Meaning-Different Processes

UNIT: III

UNIT: IV: Difference between British English and American English

UNIT: V

### PAPER-II: 102 ENGLISH POETRY

UNIT-I: Fancy and Imagination

UNIT-II:

UNIT-III. William Wordsworth "Anecdote for Fathers".

UNIT-IV: Robert Browning "The Lost leader".

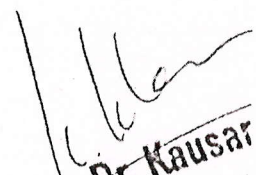
UNIT -V: Seamus Heaney "Alphabets"

### PAPER-III: 103 ENGLISH DRAMA

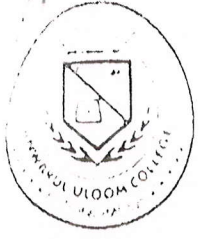
UNIT -I

UNIT-II William Shakespeare "The Tempest"

UNIT-III Oscar Wilde "The Importance of Being Earnest"

  
Capt. Dr. Kausar  
Head Department  
Anwar Uloom Degree  
Mallepally, I





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

UNIT-IV One act Play

## PAPER-IV: 104 A ENGLISH LANGUAGE AND PHONETICS

UNIT-I: Verbal Communication.

UNIT-II: Description of Consonants sounds and Vowels Sounds.

UNIT-III:

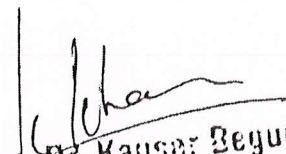
UNIT-IV: Morphology.

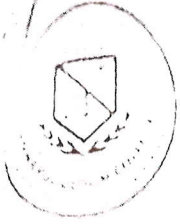
## PAPER-V: 105 A MODERN INDIAN LITERATURES IN TRANSLATION

UNIT-II: POETRY: Jibanananda Das "This Earth".

Makhdoom Mohiuddin "Darkness".

UNIT-II DRAMA: Rabindranath Tagore "Chandalika".

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## SEMESTER-II

### PAPER-I: 201 ELT, APPROACHES AND METHODS

UNIT-I Objectives of Teaching English as a Second Language in India.

UNIT-II Differences between First Language Acquisition and Second Language Learning.

### PAPER-II: 202 ENGLISH PROSES

UNIT- III Joseph Addison's essay "The Aims of the Spectator", The Essay

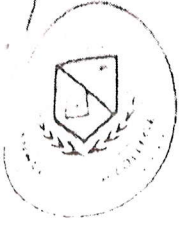
The Dream: an Allegory is introduced.

### PAPER-IV: 204 A TWENTIETH CENTURY LITRARY CRITICISM AND THEORY

Unit IV: William Hazlitt's essay "The Indian Jugglers"

"On People with One Idea" the essays "On Nick Name" and  
"On A Sun - Dial" is introduced

Head Department of English  
Anwar Uloom Degree College For Women  
Malleshpally, Hyderabad-T.S.



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## SEMESTER-II

### PAPER-I: 201 ELT, APPROACHES AND METHODS

UNIT-I Objectives of Teaching English as a Second Language in India.

UNIT-II Differences between First Language Acquisition and Second Language Learning.

### PAPER-II: 202 ENGLISH PROSES

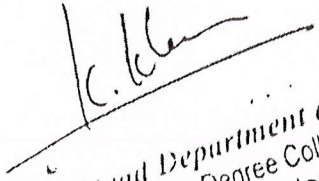
UNIT- III Joseph Addison's essay "The Aims of the Spectator", The Essay

The Dream: an Allegory is introduced.

### PAPER-IV: 204 A TWENTIETH CENTURY LITRARY CRITICISM AND THEORY

Unit IV. William Hazlitt's essay "The Indian Jugglers"

"On People with One Idea" the essays "On Nick Name" and  
"On A Sun - Dial" is introduced.

  
Head Department of English  
Anwar Uloom Degree College For Women  
Mallepally, Hyderabad-T.S.





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: 28.08.2020

## SYLLABUS MODIFIED

2020-2021

### M.Sc APPLIED MATHEMATICS SEMESTER-III

PAPER-I FINITE DIFFERENCE METHODS

PAPER CODE-301

MARKS: 100

P.P.W- 6 HRS.

UNIT-I: DOMAIN OF DEPENDENCE OF HYPERBOLIC EQUATIONS.

UNIT-II: MORE PROBLEMS ON DIFFERENT PARTIAL DIFFERENTIAL EQUATIONS.

UNIT-III: --

UNIT-IV: --

TEXT BOOKS: M.K JAIN, S.R.K IYENGAR, R.K.JAIN, COMPUTATIONAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS, NEW AGE INTERNATIONAL(P) LTD. NEW DELHI.

CHAIR PERSON

BOARD OF STUDIES

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: 28-08-2020

## SYLLABUS MODIFIED

2020-2021

### M.Sc APPLIED MATHEMATICS SEMESTER-III

PAPER-II VISCOUS FLOW

PAPER CODE-302

MARKS: 100

P.P.W- 6 HRS.

UNIT-I: --

UNIT-II: --

UNIT-III: VELOCITY PROFILE OF COUETTE FLOW.

UNIT-IV: BOUNDARY LAYER EQUATION.

TEXT BOOKS: FRANK CHORLTON TEXT BOOK OF FLUID DYNAMICS.

SUGGESTED BOOKS: W.H BESANT AND RAMSEY " A TREATISE ON HYDRO MECHANICS CBS PUBLISHERS.

CHAIR PERSON

BOARD OF STUDIES

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: 28.08.2020

## SYLLABUS MODIFIED

2020-2021

### M.Sc APPLIED MATHEMATICS SEMESTER-III

PAPER-III

LINEAR ALGEBRA

PAPER CODE-303

MARKS: 100

P.P.W- 6 HRS.

UNIT-I:--

UNIT-II: --

UNIT-III: PROBLEMS ON JORDAN FORM

UNIT-IV: PROBLEMS ON BILINEAR FORMS

TEXT BOOKS: LINEAR ALGEBRA BY KENNETH HOFFMAN AND RAY KUNZA

SUGGESTED BOOKS: 1.LINEAR ALGEBRA BY DAVID C LAY

2. LINEAR ALGEBRA BY KULDEEP SINGH

CHAIR PERSON

BOARD OF STUDIES

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





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: 28-08-2020

## SYLLABUS MODIFIED

2020-2021

### M.Sc APPLIED MATHEMATICS SEMESTER-III

PAPER-IV OPERATIONS RESEARCH

PAPER CODE-304 A

MARKS: 100

P.P.W- 6 HRS.

UNIT-I:-

UNIT-II: PROBLEMS ON LOWEST ENTRY METHOD.

UNIT-III: APPLICATIONS OF DYNAMIC PROGRAMMING.

UNIT-IV: --

TEXT BOOKS: S.D SHARMA , OPERATION RESEARCH.

SUGGESTED BOOKS: KANTI SWARUP, P.K.GUPTA AND MANMOHAN  
OPERATION RESEARCH.

**CHAIR PERSON**

**BOARD OF STUDIES**

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: 28-08-2020

## SYLLABUS MODIFIED

2020-2021

### M.Sc APPLIED MATHEMATICS SEMESTER-III

PAPER-V

NUMERICAL ANALYSIS

PAPER CODE-305(B)

MARKS: 100

P.P.W- 6 HRS

UNIT-I: --

UNIT-II: GAUSS ELIMINATION METHOD PROBLEMS

UNIT-III: LEAST SQUARES APPROXIMATION

UNIT-IV: --

TEXT BOOKS: NUMERICAL METHODS FOR SCIENTIFIC AND ENGINEERING  
COMPUTATION BY M.K.JAIN, S.R.K.IYENGAR R.K.JAIN, NEW AGE INT.LTD,NEW  
DELHI

  
CHAIR PERSON

BOARD OF STUDIES

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: 15-01-2021

## SYLLABUS MODIFIED

2020-2021

### M.Sc APPLIED MATHEMATICS SEMESTER-IV

#### PAPER-I INTEGRAL EQUATIONS AND CALCULUS OF VARIATIONS

P.P.W- 6 HRS.

PAPER CODE-401

MARKS: 100

UNIT-I: --

UNIT-II: PROBLEMS ON GREEN'S FUNCTION

UNIT-III: PROBLEMS ON FUNCTIONALS

UNIT-IV: --

TEXT BOOKS: 1. M.KRASNOV, A.KISELEV, G.MAKARENKO PROBLEMS AND EXERCISES IN INTEGRAL EQUATIONS

2. S.SWARUP, INTEGRAL EQUATIONS

CHAIR PERSON

BOARD OF STUDIES

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





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: 15.01.2021

## SYLLABUS MODIFIED

2020-2021

### M.Sc APPLIED MATHEMATICS SEMESTER-IV

PAPER-II FINITE ELEMENT METHOD

PAPER CODE-402 MARKS: 100

P.P.W- 6 HRS.

UNIT-I: PROBLEMS ON RITZ METHOD.

UNIT-II: --

UNIT-III: --

UNIT-IV: EXAMPLES ON BOUNDARY VALUE PROBLEMS.

TEXT BOOKS: J.N REDDY, FINITE ELEMENT METHOD, MC GRAW HILL

SUGGESTED BOOKS: M.K JAIN, NUMERICAL SOLUTION OF DIFFERENTIAL EQUATION.

CHAIR PERSON

BOARD OF STUDIES

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: 15.01.2021

## SYLLABUS MODIFIED

2020-2021

### M.Sc APPLIED MATHEMATICS SEMESTER-IV

#### PAPER-III FUNCTIONAL ANALYSIS

PAPER CODE-403

MARKS: 100

P.P.W- 6 HRS.

UNIT-I: PROBLEMS ON NORMED SPACES

UNIT-II: PROBLEMS ON DUAL SPACE

UNIT-III: --

UNIT-IV:--

TEXT BOOKS : INTRODUCTORY FUNCTIONAL ANALYSIS- E.KREYZIG-JOHN  
WILEY AND SONS, NEWYORK

SUGGESTED BOOK: FUNCTIONAL ANALYSIS BY B.V.LIMAYE 2<sup>nd</sup> EDITION

CHAIR PERSON

BOARD OF STUDIES

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: 15.01.2021

## SYLLABUS MODIFIED

2020-2021

### M.Sc APPLIED MATHEMATICS SEMESTER-IV

PAPER-IV MAGNETO HYDRODYNAMICS

PAPER CODE-404A

MARKS: 100

P.P.W- 6 HRS.

UNIT-I: SIGNIFICANCE OF FARADAY'S LAW.

UNIT-II: --

UNIT-III: --

UNIT-IV: ADVECTION AND DIFFUSION.

TEXT BOOKS: P.A DAVIDSON"AN INTRODUCTION TO MAGNETO  
HYDRODYNAMICS, CAMBRIDGE

SUGGESTED BOOKS: P.H ROBERTS AN INTRODUCTION TO MAGNETO  
HYDRODYNAMICS.

CHAIR PERSON

BOARD OF STUDIES

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





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

Ref. No.

Date: 15-01-2021

## SYLLABUS MODIFIED

2020-2021

### M.Sc APPLIED MATHEMATICS SEMESTER-IV

#### PAPER-V ADVANCED OPERATIONS RESEARCH

PAPER CODE-405 B

P.P.W-6HRS.

MARKS: 100

UNIT-I:--

UNIT-II: --

UNIT-III:PROBLEMS ON CANONICAL FORM

UNIT-IV: KUHN-TUCKER CONDITIONS

TEXT BOOKS:S.D SHARMA , OPERATIONS RESEARCH.

SUGGESTED BOOKS: KANTI SWARUP, P.K.GUPTA AND MANMOHAN  
OPERATIONS RESEARCH.

CHAIR PERSON

BOARD OF STUDIES

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## M.Sc.- Department of Physics

Syllabus Modified Academic Year : 2020 - 2021

Semester - III Batch : 2019

Subject: Microprocessors, DSPs & Interfacing

Paper - IV

Unit - I: Programming examples of 8086.

Unit - II: Programmable Priority Interrupt controller (8259A).

Unit - III: ARCR-Block move address register.

Unit - IV: Addressing modes, load and store instructions.

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

---

**M.Sc.- Department of Physics**

**Syllabus Modified Academic Year : 2020 - 2021**

**Semester - III Batch : 2019**

**Subject: Digital Logic Circuits**

**Paper - III**

**Unit - I:** Karnaugh map method, looping pairs, quads.

**Unit - II:** Ripple counters, Counter with Mod numbers  $< 2^n$ .

**Unit - III:** Connecting TTL outputs together, tristate TTL, ECL family.

**Unit - IV:** RAM(architecture), static Ram, Dynamic Ram.

*Khaleequl Haq*

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





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

**M.Sc.- Department of Physics**

**Syllabus Modified Academic Year : 2020 - 2021**

**Semester - III Batch : 2019**

**Subject: Advanced Solid State Physics**

**Paper - II**

**Unit - I:** Extended, periodic and reduced zone schemes.

**Unit - II:** Measurement of dielectric constant of a solid, Clausius-Mosotti relation.

**Unit - III:** Nature and origin of Weiss molecular field, Heisenberg exchange interaction.

**Unit - IV:** Energy gap, Microwave and infrared absorption.

*Khaleequl Haq*

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

**M.Sc.- Department of Physics**

**Syllabus Modified Academic Year : 2020 - 2021**

**Semester - III Batch : 2019**

**Subject: Modern Optics**

**Paper - I**

**Unit - I:** Laser rate equations for three and four level lasers.

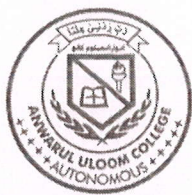
**Unit - II:** Different types of lasers Helium - Neon lasers, Argon and COs gas lasers, Excimer lasers.

**Unit - III:** The recording medium - reconstruction of original wavefront, image formation by wave front.

**Unit - IV:** Object placed in front of the lens - object placed behind the lens.

*Khaleequllah*

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

**M.Sc.- Department of Physics**

**Syllabus Modified Academic Year : 2020 - 2021**

**Semester - IV Batch : 2019**

**Subject: Spectroscopy**

**Paper - II**

**Unit - I:** Spin - orbit interaction, doublet structure in alkali spectra.

**Unit - II:** Salient features of vibrational rotational spectra.

**Unit - III:** Infrared spectroscopy.

**Unit - IV:** Experimental technique of NMR spectroscopy.

*Khaleequl Hasan*

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





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

**M.Sc.- Department of Physics**

**Syllabus Modified Academic Year : 2020 - 2021**

**Semester - IV Batch : 2019**

**Subject: Nuclear Physics**

**Paper - I**

**Unit - I:** Exchange force theories, Majorana, Bartlett.

**Unit - II:** Selection rules for beta decay.

**Unit - III:** Measurements of range and stopping power.

**Unit - IV:** Compound nucleus formation, theory of fission and fusion reactions.

*Khalequlabaz*

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

---

**M.Sc.- Department of Physics**

**Syllabus Modified Academic Year : 2020 - 2021**

**Semester - IV Batch : 2019**

**Subject: PC Architecture**

**Paper - IV**

**Unit - I:** I/O and interrupts.

**Unit - II:** Control memory, address Sequencing.

**Unit - III:** Data transfer and manipulation.

**Unit - IV:** Peripheral devices, input- output interface.

*Khaleequl Haq*

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

---

**M.Sc.- Department of Physics**

**Syllabus Modified Academic Year : 2020 - 2021**

**Semester - III Batch : 2019**

**Subject: Electronic Instrumentation**

**Paper - V**

**Unit - I:** Measurement and error, limiting errors.

**Unit - II:** S/H circuits - attenuators.

**Unit - III:** Wave analyzer, audio frequency wave analyzer.

**Unit - IV:** X-t, X-Y recorders, magnetic tape recorders.

*Khaleequl Haq*

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





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

---

**M.Sc.- Department of Physics**

**Syllabus Modified Academic Year : 2020 - 2021**

**Semester - IV Batch : 2019**

**Subject: Embedded Systems And Its Applications**

**Paper - III**

**Unit - I:** Assembling and running an 8051 program.

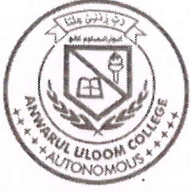
**Unit - II:** Logic compare, rotate, swap, BCD and ASCII application programs.

**Unit - III:** Timers, Analog- to - Digital converters(ADC).

**Unit - IV:** 7-segment displays, LCD interfacing.

*Khaleeq Hussain*

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



# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

**M.Sc.- Department of Physics**

**Syllabus Modified Academic Year : 2020 - 2021**

**Semester - IV Batch : 2019**

**Subject: Instrumentation For Measurement, Control,  
Data Acquisition And Data Transmission**

**Paper - V**

**Unit - I:** Strain measurement - Bourdain tube, Bellows Diaphragms.

**Unit - II:** Resistance type temperature sensors (Platinum resistance thermometer thermistor).

**Unit - III:** DC AND AC servomotors.

**Unit - IV:** Land line telemetry systems.

*Khaleequlhasan*

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





# ANWARUL ULOOM COLLEGE (AUTONOMOUS)

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

(Affiliated to Osmania University, Hyderabad)

## Department of Physics

**Syllabus Modified Academic Year : 2020-2021**

**Semester -V Batch : 2018 - 2019**

**Subject: Electricity and Magnetism / Maxwell's Equations and Electronics**

**Paper - V**

**Unit - I:** Electric field strength from the electric dipole and an infinite line of charge, Potential of a uniformly charged circular disc.

**Unit - II:** Dielectric constant, susceptibility and relation between them, Boundary conditions at the dielectric surface.

**Unit - III:** Magnetic induction, magnetic field, permeability and susceptibility, Hysteresis loop, Cyclotron.

**Unit - IV:** Betatron, Ballistic galvanometer theory and working.

**Semester - VI Batch : 2018 - 2019**

**Subject: Modern Physics / Nuclear Physics, Solid State Physics**

**Paper - VI**

**Unit - I:** Binding energy of nucleus, deuteron binding energy

**Unit - II:** Beta spectrum - neutrino hypothesis, Fermi theory of alpha decay..

**Unit - III:** Application of Miller indices, simple crystal structures(SC, BCC, CsCl, FCC and NaCl, diamond and zinc blends).

**Unit - IV:** Magnetic properties of Dia, Para and ferromagnetic materials, Langevin's theory of para magnetism, Meissner effect, Persistent current.

*Khalegavi*

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



**Anwarul Uloom College, Mallepally, Hyderabad, TS**

(An Autonomous Muslim Minority Institution Affiliated to Osmania University)

Bachelor of Arts, Bachelor of Commerce, Bachelor of Science and

Bachelor of Business Administration

**FACULTY OF ARTS  
DEPARTMENT OF ARABIC**

**PROCEEDINGS OF BOARD OF STUDIES MEETING  
FOR THE YEAR 2020-2021  
CHOICE BASED CREDIT SYSTEM**

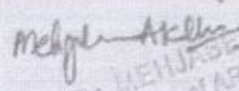
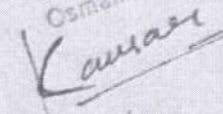
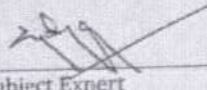
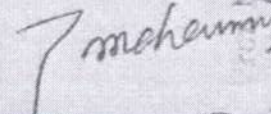
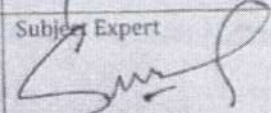
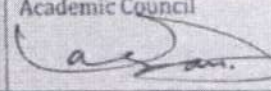
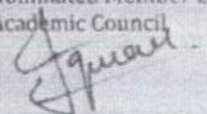
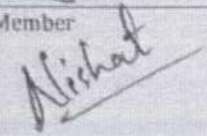


Anwarul Uloom College, New Malepally, Hyderabad-1  
(An Autonomous Muslim Minority Institution Affiliated to Osmania University)  
B.A, B.Sc, B.Com & B.B.A

**Department of Arabic 2020 - 2021**


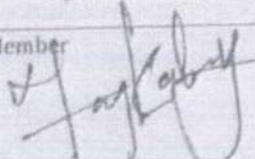
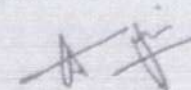
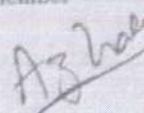
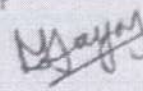
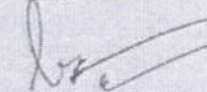
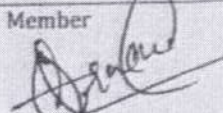
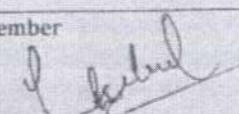
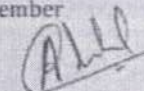
Minutes of the meeting of the board of studies, department of Arabic, Anwarul Uloom College held on 15 - 03 - 2019.

The following subject's experts and faculty members were present at the meeting.

S.No	Faculty Name	
1	<b>Prof. Dr. Mehjabeen Akther</b> Chair Person, Board of Studies, Dept of Arabic O.U, Hyderabad Cell NO. 9440736311 E-mail : mehjabeen.akther@gmail.com	Nominated Member by Vice Chancellor O.U. Hyderabad 
2	<b>Dr. Mrs. Kausar Begum</b> H.O.D, Arabic Anwarul-Uloom Degree College Mallepally, Hyderabad Chairperson Board of Studies E-mail : kausarbegum6@gmail.com Cell no : 7799244628/9440755786	Chairperson Board of Studies Osmania University, Hyd. T.S. 
3	<b>Prof. Dr. Syed Jahangir</b> Dean of Arabic, EFLU, Hyderabad Cell No. - 9246545814	Expert from Industry 
4	<b>Dr. Syed Muhammed Ul Hashmi</b> Asst. prof. Dy. Dean Foreign Students Dept. of Arabic Language and Linguistics School of Arts studies, The English and Foreign Languages University Cell No. 9291600192	Subject Expert 
5	<b>Dr. Sameena Tabish</b> Asst. Professor, Department of Arabic, MANUU, Hyderabad Cell No. 7702158491	Subject Expert 
6	<b>Dr. Hasan Mohammed</b> H.O.D Arabic St. Francis Xavier Degree College, Hyderabad Cell No. 9573010896	Nominated Member by Academic Council 
7	<b>Dr. Viqar Unnisa</b> H.O.D. (Arabic) Sarojini Naidu Vanita Mahavidyalaya Exhibition ground, Hyderabad E-mail : Drviqarunnisa@gmail.com Cell No : 9948799656	Nominated Member by Academic Council 
8	<b>Mrs. Nishath Fatima</b> H.O.D, Arabic St. Ann's Degree College for Women Mehdipatnam, Hyderabad E-mail : nishathfatima76@gmail.com Cell no: 9966071170	Member 

Prof. Dr. Syed Jahangir  
 Head, Department of Arabic and Urdu Studies  
 The English and Foreign Languages University  
 (A Central University Established by an Act of Parliament)  
 Hyderabad 500 007, India



9	<b>Dr. Hafiz Mohd. Imaduddin</b> Assistant Professor, Arabic A.K.M College Kachiguda Hyderabad Cell no : 9848984929	Member 
10	<b>Mr. Mohammed Abdul Kareem</b> H.O.D, Arabic Sri Chandra Junior & Degree College, Charminar, Hyderabad. E-mail : makareem92@gmail.com Cell no : 9390252292	Member 
11	<b>Mrs. Anjum Fatima</b> Lecturer, Arabic Anwarul-Uloom Degree College Mallepally, Hyderabad Cell No : 9963910086	Member 
12	<b>Mr. Azhar Hussain</b> Lecturer, Arabic Anwarul-Uloom Degree College Mallepally, Hyderabad Cell no : 9246580664	Member 
13	<b>Mr. Mohammed Fayazuddin</b> Lecturer, Arabic Anwarul-Uloom Degree College Mallepally, Hyderabad E-mail : fayazmohd69@gmail.com Cell no : 9396476028	Member 
14	<b>Mr. C. Ismail</b> H.O.D, Arabic St. Mary's Degree College, Yousufguda E-mail : cismailnoor@gmail.com Cell no : 9440715599	Member 
15	<b>Dr. Mohammed Fazlullah Shareef</b> Asst. Professor, AKM. Oriental Degree College and P.G College, Kachiguda, Hyderabad - 27 Cell no : 9849258691	Member 
16	<b>Dr. Mansoor Alam</b> Pioneer Degree College, Opp. Siasat Office, Abids Cell No. 9392303012	Member Md. Mansoor Alam
17	<b>Dr. Khaleclullah Khan</b> Lecturer in Arabic Navachaitanya Degree, Vithal Wadi, Hyderabad Cell No. 9701148125	Member 
18	<b>Mr. Md. Abu Bakr Siddiq</b> Lecturer in Arabic Anwar-Uloom Degree College Mallepally, Hyderabad Cell No. 8341014241	Member 

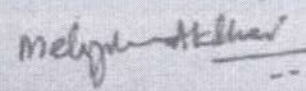


**AnwarulUloom College, New Mallepally, Hyderabad-1**  
(An Autonomous Muslim Minority Institution, Affiliated to Osmania University)  
B.A, B.Sc, B.COM & B.B.A

**Department of Arabic 2020 - 2021**

The following items on the agenda were taken up for approval

- Syllabus being followed for student of undergraduate courses in all streams, VIZ, B.A, B.Sc, B.Com and B.B.A.
- The experts ratified the syllabus after due deliberation and also lent their approval to the semester wise division of the syllabus
- The model question papers approved.
- Panel of examiners and question paper setters were also approved for B.A, B.Com, B.Sc& B.B.A 1 year (I & II Semester), 2 year (III & IV Semester)
- SEC course (I, III & V Semesters),
- GE Course ( II, IV & VI Semesters),
- Certificate course ( 6 Month ) Tajweed-UI-Quran
- Diploma course (I Year) Arabic Translation.


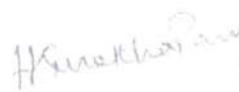




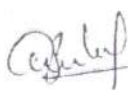





Prof. Dr. MEHJABEEN AKTHER  
Dept. of ARABIC  
Osmania University, Hyd. T.S.

## B.Sc. BIOTECHNOLOGY

The Board of Studies meeting for the year 2020 - 2021 of the Department of Biotechnology, AnwarulUloom Degree College, Mallepally, Hyderabad was held on 23<sup>rd</sup> Aug 2021 at <sup>2 PM</sup> in the Department of Biotechnology, Osmania University, Hyderabad.

### FOLLOWING MEMBERS WERE PRESENT:

1. Mrs. Nadeem Fatima  
H.O.D, Biotechnology,  
AnwarulUloom College, Hyderabad. 
2. Dr H. Surekha Rani  
Subject Expert, University Representative  
Osmania University, Hyderabad. 
3. Dr Parveen Jahan  
Subject Expert Professor MAANU Hyd.
4. Dr Safiullah Ghori  
Subject expert and Assistant Professor  
Anwarululoom College of Pharmacy JNTU Hyd. 
4. Mr. MohdAsimuddin  
Industry Expert, Senior Research Associate, Centre  
For Biotechnology and bioinformatics (INIAS),  
Hyderabad. 
5. Dr Mohd. Rasheeduddin  
Associate Professor,  
AnwarulUloom College, Hyderabad. 
6. Mrs. Nikhatparveen  
Asst. Professor in Biotechnology,  
AnwarulUloom College, Hyderabad. 
7. Miss SanobarSadeqaJabeen  
Asst. Professor in Biotechnology,  
AnwarulUloom College, Hyderabad 
8. Miss Fareesah Rasheed  
Asst. Professor in Biotechnology,  
AnwarulUloom College, Hyderabad 
10. Mr. Owais Ul Haq  
Asst. Professor in Biotechnology,  
AnwarulUloom College, Hyderabad 
11. Md. Abdul Aziz  
Process Developer, Genpact - Hyderabad 

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

ANWARUL ULOOM COLLEGE (AUTONOMOUS)

B.Sc. Biotechnology

(2020 – 2021)

Agenda of the meeting.

- 1) ~~To approve the syllabus of all semesters~~
- 2) To approve the model papers of all semesters
- 3) To approve the panel of examiners for theory and practicals of all semesters.
- 4) To approve certificate course in Medical Lab Technology.
- 5) To approve project work for B.Sc. III year students in VI semester.
- 6) Approval of ADD On and IDE courses.
- 7) Any other matter with the permission of chair.



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







Anwarul Uloom College (Autonomous)  
B.Sc. Biotechnology  
(2020-2021)

MINUTES OF THE MEETING

The Board of Studies meeting for Biotechnology was held on 23<sup>rd</sup> Aug 2020 at 2PM in the Dept of Biotechnology, Osmania University, Hyderabad. The following resolutions were taken.

was resolved that:

The Syllabus for I, II & III Year Theory was approved.

The Syllabus for I, II & III Year Practicals was approved.

The model papers for all six semesters were approved.

The Panel for Paper setting and valuation was approved.

The Panel of External examiners for practical exam was approved.

One year diploma course in medical lab technology was approved.

The project work for BSc III year students in VI semester was approved.

*Signature*  
*Signature*





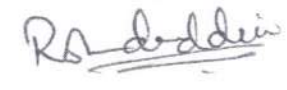


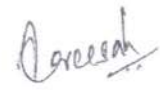
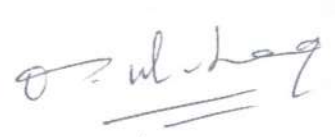
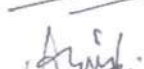
*Signature*

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

## M.Sc. BIOTECHNOLOGY

The Board of Studies meeting for the year 2020 – 2021 of the Department of Biotechnology, AnwarulUloom Degree College, Mallepally, Hyderabad was held on 23<sup>rd</sup> Sept 2020 at 2 P.M. in the Department of Biotechnology, Osmania University, Hyderabad.

### FOLLOWING MEMBERS WERE PRESENT:

1. Mrs. Nadeem Fatima  
H.O.D. Biotechnology,  
AnwarulUloom College, Hyderabad. 
2. Dr H. Surekha Rani  
Subject Expert, University Representative  
Osmania University, Hyderabad. 
3. Dr Parveen Jahan  
Subject Expert Professor MAANU Hyd.
- 4...Dr Safiullah Ghori  
Subject expert and Assistant Professor  
Anwarululoom College of Pharmacy JNTU Hyd. 
4. Mr. MohdAsimuddin  
Industry Expert, Senior Research Associate, Centre  
For Biotechnology and bioinformatics (JNIAS),  
Hyderabad. 
5. Dr Mohd. Rasheeduddin  
Associate Professor.  
AnwarulUloom College, Hyderabad. 
6. Mrs. Nikhatparveen  
Asst. Professor in Biotechnology,  
AnwarulUloom College, Hyderabad. 
7. Miss SanobarSadeqaJabeen  
Asst. Professor in Biotechnology,  
AnwarulUloom College, Hyderabad 
9. Miss Fareesah Rasheed  
Asst. Professor in Biotechnology.  
AnwarulUloom College, Hyderabad 
10. Mr. Owais Ul Haq  
Asst. Professor in Biotechnology,  
AnwarulUloom College, Hyderabad 
11. Md. Abdul Aziz  
Process Developer, Genpact - Hyderabad 

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

Anwarul Uloom College (Autonomous)

M.Sc. Biotechnology

(2020 – 2021)

2

Agenda of the Meeting

- 1) To approve the syllabus of all semesters
- 2) To approve the model papers of all semesters
- 3) To approve the panel of examiners.
- 4) Approval of ADD On and IDE courses.
- 5) To give one question in assignment instead of 20 short questions.
- 6) Any other matter with the permission of chair.





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




Anwarul Uloom College (Autonomous)  
M.Sc. Biotechnology  
(2020– 2021)

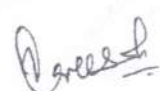
MINUTES OF THE MEETING

The Board of Studies meeting for Biotechnology was held on 23<sup>rd</sup> Sept <sup>2020</sup> at 2 PM in the Dept of Biotechnology, Osmania University, Hyderabad. The following resolutions were taken.

It was resolved that:

- The Syllabus for I & II Year Theory was approved.
- The Syllabus for I & II Year Practicals was approved.
- The model papers for all four semesters were approved.
- The Panel for Paper setting and valuation was approved.
- The Panel of External examiners for practical exam was approved.
- Syllabus and Model Paper for Add on and IDE courses was approved
- It was approved to give one short Question for assignment instead of 20 questions.



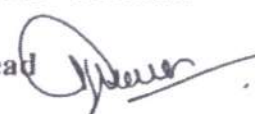
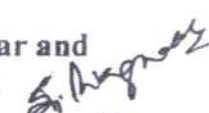
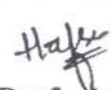
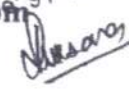
  
HEAD  
Department of Biotechnology  
ANWAR-UL-ULOOM COLLEGE  
Malleshpally, Hyderabad-500 001.

  
Dr. H. Surekha Rani  
Assistant Professor  
Chairperson - BOS in Genetics  
Department of Genetics  
Osmania University, Hyderabad-97

**PROCEEDINGS  
OF BOARD OF STUDIES  
BOTANY  
(UNDERGRADUATE COURSES)  
2020-21**


Minutes of the Meeting of the Board of Studies  
U.G. Department -- B.Sc. Botany  
A meeting was held on 24/11/2020 in the Department of Botany  
Anwarul Uloom College  
at 10.30a.m.

Members present:

1. Dr. Sadia Fatima \_\_\_\_\_ Chair Person Board of Studies ,Head  
Department of Botany, Anwarul Uloom College---Member 
2. Prof. Nirmala Babu Rao \_\_\_ VC Nominee ,Former Head  
Department of Botany , Osmania University, Hyderabad --Member 
3. Dr. S.Maqbool Ahmed \_\_\_\_\_ Subject Expert and Head  
Department of Botany MANUU, Member. 
4. Dr. Azizur Rahman Khan \_\_\_\_\_ Subject Eepert, Faculty Ambedkar  
Open University ,Member.
5. Prof.S. Riyazuddin Ahmed ----- Industrialist, Prof. and Head  
(Senior Scientist , Soil Sciences. Retd) ANGRAU ,Rajendranagar and  
Managing Director IOTA Laboratories ,New Mallepally ,HYD. 
6. Bibi Hafsa Azra ----- Alumna and Asst. Prof. Anwarul Uloom  
College 
7. Ruqsana Nausheed---- Alumna and Asst. Prof. Anwarul Uloom  
College 
8. Nazneen Begum---- Asst. Prof. Anwarul Uloom College
9. Seema Askari ---- Asst. Prof. Anwarul Uloom College

Managing Director  
IOTA LABORATORIES  
D.No: 11-3-744, Mallepally,  
Hyderabad-500 001.  
Ph.No: 91-40-23342774

  
CHAIR  
BOS IN BOTANY

  
Prof. (Mrs) Nirmala Babu Rao  
DEPARTMENT OF BOTANY,  
University College  
HYDERABAD.



Resolutions adopted in the Meeting:

1. Resolved to accept, the existing (Botany) (CBCS) Syllabus for B.Sc. all Semesters for the academic year 2020-21.
2. Resolved to accept Environmental studies as AECC I and Basic Computer Skills as AECC II Course for Semester I and Semester II respectively.
3. Resolution to adopt SECI (Skill Enhancement Courses) as Nursery and Gardening, SECII Biofertilizers and Organic Farming. SEC III as Greenhouse Technology and SECIV Mushroom Culture Technology respectively for Semesters III and IV. And Paper III Plant Anatomy and Embryology, Paper IV Cell Biology, Genetics and Plant Physiology respectively, *GEI - Industrial Microbiology*  
*GEII - E-Waste Management*
4. Resolved to approve the scheme of instruction and Examination of B.Sc. (Botany) (CBCS) for I,II,III,IV,V and VI Semesters (with credits and hours of instruction).
5. Resolved to accept the existing model of Question Papers (for Theory and Practicals).
6. Resolved to approve the Panel of Examiners as Paper Setters / Valuers/ Practical external Examiners for Semesters I,II,III, IV,V and VI(Theory and Practicals)
7. Resolved to accept the existing syllabus for B.Sc. all semesters With modifications and changes as per Autonomy status.

*Heda*  
CHAIR PERSON  
BOS IN BOTANY

*[Signature]*  
Prof. (Mrs) Nirmala Baba Rao  
DEPARTMENT OF BOTANY,  
University College  
HYDRABAD.

*Heda*

*[Signature]*

*[Signature]*

*[Signature]*

---

**PROCEEDINGS  
OF BOARD OF STUDIES  
BOTANY  
( POST GRADUATE COURSES)  
2020-21**

M.SC. BOTANY

MINUTES OF THE MEETING OF  
THE BOARD OF STUDIES

P.G. DEPARTMENT OF BOTANY



Minutes of the Meeting of the Board of Studies  
P.G. Department -- M.Sc. Botany

A meeting was held on 24<sup>th</sup> Sept 2020 in the Department of Botany  
Anwarul Uloom College for P.G. Studies  
at 10.30a.m.

Members present:

1. Dr. Sadia Fatima \_\_\_\_\_ Chair Person Board of Studies, Head Department of Botany, Anwarul Uloom College---Member
2. Prof. Nirmala Babu Rao \_\_\_\_\_ VC Nominee, Former Head Department of Botany, Osmania University, Hyderabad --Member
3. Dr. S.Maqbool Ahmed \_\_\_\_\_ Subject Expert and Head Department of Botany MANUU, Member.
4. Dr. Azizur Rahman Khan \_\_\_\_\_ Subject Eepert, Faculty Ambedkar Open University, Member.
5. Prof. S.Riyazuddin Ahmed ----- Industrialist, Prof. and Head (Senior Scientist, Soil Sciences. Retd) ANGRAU, Rajendranagar and Managing Director IOTA Laboratories, New Mallepally, HYD.
6. Ms.S.Maimuna Hussain \_\_\_\_\_ Asst.Prof. Anwarul Uloom P.G. College---Member
7. Ruqsana Nausheed----- Asst. Prof. Anwarul Uloom College--- Member
8. Bibi Hafsa Azra ----- Asst. Prof. Anwarul Uloom College--- Member
9. Sumera Nazneen \_\_\_\_\_ Alumna and Asst. Prof. Anwarul Uloom College--- Member
10. Ishrath Fatima \_\_\_\_\_ Alumna Asst. Prof. Anwarul Uloom College--- Member

CHAIR PERSON  
IN BOTANY

University College  
Prof. N. M. Y. R. RAO  
DEPARTMENT OF BOTANY,  
University College  
HYDERABAD.

Resolutions adopted in the Meeting:

Resolved to accept the approved Botany (CBCS) Syllabus for M.Sc. I, II, III & IV semesters, for the academic year 2020-21.

Resolved to accept the existing Add on Course on 'Communicative Skills in English' for I Semester and another Add on Course, 'Human Values and Professional Ethics' for II Semester in M.Sc. for the academic year 2020-21.

Resolved to allot 20% of internal marks and 80% external for Theory in M.Sc. I, II, III and IV Semesters.

Resolved to allot 15 marks for Internal Assessment (average of Internal Assessment I and II) and 5 marks for Assignment. (Total 20 marks).

Resolved to approve and accept the existing model of Question Papers (for Practicals) as per the norms of CBCS for M.Sc. Prev. and for M.Sc. Final. (All Semesters).

Resolved to approve the Panel of Examiners as Paper Setters / Valuers/ Practical External Examiners for Sem I,II,III and IV (Theory and Practicals).

Resolved to conduct Practical Exams at the end of each Semester with 50 marks for each Practical Paper.

Resolved to approve the syllabus with alterations and modifications as required to cater to the curricular need of the students and as per the Autonomy status.

Resolution on Research Projects for M.Sc. II Year in the IV Semester in 2020 -21 and send the students for Project work, conduct Viva at the end of IV Semester.

Syllabus of IDE courses for III and IV Semesters, 'Seed Technology' and 'Polyhouse Technology' resolved to be accepted.

Prof. (Mrs) Kiranla-Saba Rao  
DEPARTMENT OF BOTANY,  
University College  
HYDERABAD.

Handwritten signature: *Kabeer*  
Stamp: CHAIRPERSON BOS IN BOT/

Handwritten signatures: *Sumera*, *Alka*, *Jyotsna*, *[Signature]*, *[Signature]*, *[Signature]*

( w.e.f 2020-21)

15

## MINUTES OF THE MEETING

Date : 12. 06.2020

Time : 12.30 AM

Venue : Conference Hall, Anwar ul uloom College.

BOS begin with the welcome address by Mr. Siraj Basha Mohammed  
The Agenda wise items were circulated to all the Board Members and the following Resolutions  
are passed item wise after an elaborate deliberation on each item.

### RESOLUTIONS

#### AGENDA ITEM NO.1 :

1. BBA Second year ( CBCS ) Syllabus , semester wise ( Third and Fourth Semester ) for the Academic Year 2020-21 onwards is presented - for BOS approval.
  - a. "Resolved that the B.B.A Second Year ( CBCS ) syllabus ( Third and Fourth semesters ) for the academic year 2020-21 is approved in toto"
  - b. Resolved that Model Question Paper for the semesters and Internal Assessment are approved

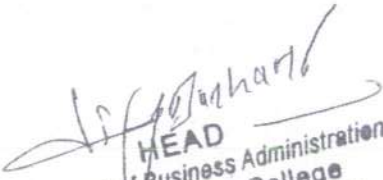
#### AGENDA ITEM NO . 2 :

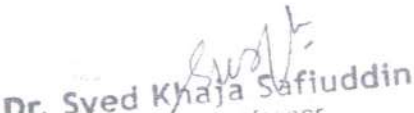
2. Panel of Paper Setters and Examiners for all Stremis -- for approval
  - a. Resolved that the Panel of Paper Setters and Examiners for all Stremis is approved.

#### AGENDA ITEM NO.3 :

3. Any other matter with the permission of the Chair

Since there is no other matter , Dr. Aijaz Khan proposed a Vote of thanks and the meeting came to an end.

  
HEAD  
Department of Business Administration  
Anwar ul Uloom College  
New Malleshpally, Hyderabad-01

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



( w.e.f 2020-21)

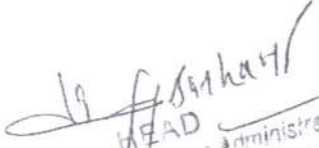
Date : 12.06.2020

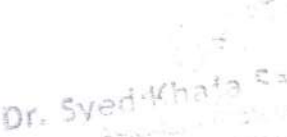
Time : 12.30 PM

Venue: Conference Hall, Anwar Ul Uloom college.

### AGENDA

1. AGENDA ITEM NO.1 : B.B.A Second Year (CBCS) Syllabus Semester wise (Third & Fourth semesters) for the Academic Year 2020-2021 onwards is presented - for BOS Approval.
2. AGENDA ITEM NO. 2 : . Panel of Paper Setters and Examiners for All Streams – For Approval.
- 3 AGENDA ITEM NO.3 :. Any other Matter with the permission of the Chair.

  
HEAD  
Department of Business Administration  
Anwarul Uloom College  
New Malakpally, Hyderabad-50

  
Dr. Syed-Khafa Saifuddin  
Associate Professor  
Department of Islamic Studies  
Moulana Azad Memorial Urdu University  
Gendakowli, Hyderabad (T.S.)

( w.e.f 2020-21)

15

## MINUTES OF THE MEETING

Date : 12. 06.2020

Time : 12.30 AM

Venue : Conference Hall, Anwar ul uloom College.

BOS begin with the welcome address by Mr. Siraj Basha Mohammed  
The Agenda wise items were circulated to all the Board Members and the following Resolutions  
are passed item wise after an elaborate deliberation on each item.

### RESOLUTIONS

#### AGENDA ITEM NO.1 :

1. BBA Second year ( CBCS ) Syllabus , semester wise ( Third and Fourth Semester ) for the Academic Year 2020-21 onwards is presented - for BOS approval.
  - a. "Resolved that the B.B.A Second Year ( CBCS ) syllabus ( Third and Fourth semesters ) for the academic year 2020-21 is approved in toto"
  - b. Resolved that Model Question Paper for the semesters and Internal Assessment are approved

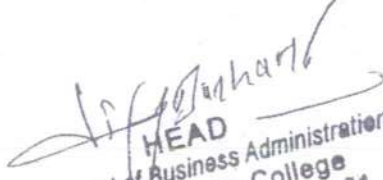
#### AGENDA ITEM NO . 2 :

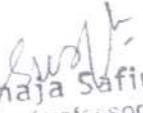
2. Panel of Paper Setters and Examinars for all Strems -- for approval
  - a. Resolved that the Panel of Paper Setters and Examinars for all Strems is approved.

#### AGENDA ITEM NO.3 :

3. Any other matter with the permission of the Chair

Since there is no other matter , Dr. Aijaz Khan proposed a Vote of thanks and the meeting came to an end.

  
HEAD  
Department of Business Administration  
Anwar ul Uloom College  
New Mallepally, Hyderabad-01

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

( w.e.f 2020-21)

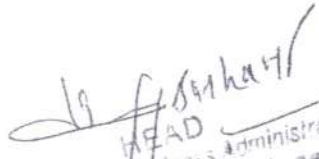
Date : 12.06.2020

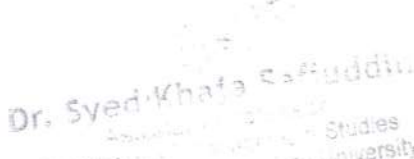
Time : 12.30 PM

Venue: Conference Hall, Anwar Ul Uloom college.

### AGENDA

1. AGENDA ITEM NO.1 : B.B.A. Second Year (CBCS) Syllabus Semester wise (Third & Fourth semesters) for the Academic Year 2020-2021 onwards is presented - for BOS Approval.
2. AGENDA ITEM NO. 2 : . Panel of Paper Setters and Examiners for All Streams – For Approval.
3. AGENDA ITEM NO.3 :. Any other Matter with the permission of the Chair.

  
HEAD  
Department of Business Administration  
Anwarul Uloom College  
New Malapally, Hyderabad-501

  
Dr. Syed Khafiz Saifuddin  
Department of Business Studies  
Mawlana Azad Memorial Urdu University  
Gandhinagar, Hyderabad. (T.S.)



( w.e.f 2020-21)

TO

Dr.Khaja Safiuddin,  
Associate Professor,  
Maulana Azad National Urdu University  
Hyderabad.

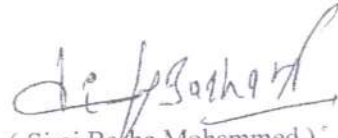
Respected Sir,

Sub : Invitation to attend – Board of Studies meeting at Anwar ul Uloom College  
on Dt. 12-06-2020

We wish to bring to your kind notice that , you have been nominated by the Honorable Vice-Chancellor of Osmania University as the university nominee for the BOS of our college for a period of three years.

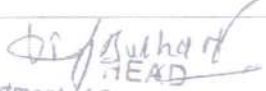

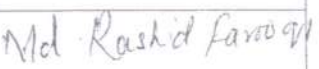



In this connection, we are pleased to invite you to kindly attend the Board of Studies Meeting at our college on 12-06-2020 at 12:30 PM for the approval of BBA Second year CBSC Syllabus for the Academic Year 2020 -2021.

Yours faithfully ,

  
( Siraj Basha Mohammed )  
HOD, BBA.

(w.e.f 2020-21)

Composition of Board of Studies as per the norms laid for autonomous colleges by UGC  
(Vide. 2239254, Final Revised Guidelines Autonomous Colleges 19-01-2018.)

Sl. No	Composition	Name	Signature
1	Chairman BOS & Head of the Department concerned	<b>Mr. SIRAJ BASHA MOHAMMED</b> HEAD, DEPARTMENT OF BUSINESS ADMINISTRATION ANWARUL ULOOM COLLEGE	 <b>HEAD</b> Department of Business Administration Anwarul Uloom College New Mallabally, Hyderabad-01
2	One expert to be nominated by the Vice-Chancellor from a panel of six recommended by the college principal.	<b>Dr. Syed Khaja Safiuddin</b> Associate Professor Maulana Azad National Urdu University Gachi Bowli, Hyderabad.	 <b>Dr. Syed Khaja Safiuddin</b> Assistant Professor Department of Management Studies Maulana Azad National Urdu University Gachibowli, Hyderabad. (T.S.)
3	Two subject experts from outside the Parent University to be nominated by the Academic Council.	<b>1. Dr. M. Rashid Farooqi</b> Assistant Professor School of Business Management MANUU, Gachibowli, Hyderabad. -  <b>2. Mr. Tousif Ur Rahman</b> Assistant Professor School of Business Management Symbiosis University, T.S..	  
4	One representative from industry/corporate sector/allied area relating to placement.	<b>Mr. Veeraju Vinnakota</b> Dy. Vice President & Manager, HDFC Banks Ltd. Hyderabad Circle.	
5	One postgraduate meritorious alumnus to be nominated by the principal. The Chairman, Board of Studies, may with the approval of the principal of the college.	<b>Dr. Syed Jaffar</b> ANWARUL ULOOM COLLEGE, MERITORIOUS ALUMNUS	
6.	Other members of staff of the same faculty	List attached	

### MINUTES OF THE MEETING

Date : 12. 06.2020  
Time : 12.30 AM  
Venue : Conference Hall, Anwar ul uloom College.

BOS begin with the welcome address by Mr. Siraj Basha Mohammed  
The Agenda wise items were circulated to all the Board Members and the following Resolutions are passed item wise after an elaborate deliberation on each item.

#### RESOLUTIONS

##### AGENDA ITEM NO.1 :

1. **BBM First year ( CBCS ) Syllabus , semester wise ( First and Second Semester ) for the Academic Year 2020-21 onwards is presented - for BOS approval.**
  - a. "Resolved that the B.B.M First Year ( CBCS ) syllabus ( First and Second semesters ) for the academic year 2020-21 is approved in toto"
  - b. Resolved that Model Question Paper for the semesters and Internal Assessment are approved

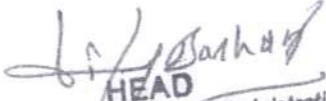
##### AGENDA ITEM NO . 2 :


2. Panel of Paper Setters and Examiners for all Stremms – for approval
  - a. Resolved that the Panel of Paper Setters and Examiners for all Stremms is approved.

##### AGENDA ITEM NO.3 :

3. Any other matter with the permission of the Chair

Since there is no other matter , Dr. Aijaz Khan proposed a Vote of thanks and the meeting came to an end.

  
**HEAD**  
Department of Business Administration  
Anwarul Uloom College  
New Mallepally, Hyderabad-51

  
**Dr. Syed Khaja Safiuddin**  
Associate Professor  
Department of Management Studies  
Maulana Azad National Urdu University  
Gachibowli, Hyderabad. (T.S.)



BBM ( CBCS )  
(w.e.f 2020-21 )

Faculty of Business Management , AUC

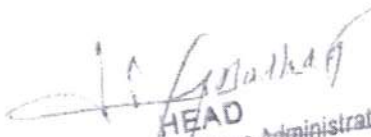
Date : 12,06.2020


Time : 12.30 PM

Venue: Conference Hall, Anwar Ul Uloom college.


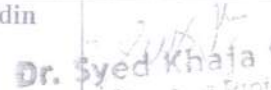
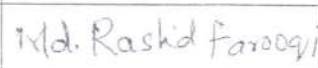



#### AGENDA

1. AGENDA ITEM NO.1 : B.B.M First Year (CBCS) Syllabus Semester wise (First & Second semesters) for the Academic Year 2020-2021 onwards is presented - for BOS Approval.
2. AGENDA ITEM NO. 2 : . Panel of Paper Setters and Examiners for All Streams – For Approval.
- 3 AGENDA ITEM NO.3 :. Any other Matter with the permission of the Chair.

  
HEAD  
Department of Business Administration  
Anwarul Uloom College  
New Malleshpally, Hyderabad-01

  
Dr. Syed Khaja Safiuddin  
Associate Professor  
Department of Management Studies  
Maulana Abul Kalam Azad University  
Gachibowli, Hyderabad. (T.S.)

Composition of Board of Studies as per the norms laid for autonomous colleges by UGC  
(Vide. 2239254, Final Revised Guidelines Autonomous Colleges 19-01-2018.)

Sl. No	Composition	Name	Signature
1	Chairman BOS & Head of the Department concerned	<b>Mr. SIRAJ BASHA MOHAMMED</b> HEAD, DEPARTMENT OF BUSINESS ADMINISTRATION ANWARUL ULOOM COLLEGE	 Department of Business Administration Anwarul Uloom College New Malleshally, Hyderabad-51
2	One expert to be nominated by the Vice-Chancellor from a panel of six recommended by the college principal.	<b>Dr. Syed Khaja Safiuddin</b> Associate Professor Maulana Azad National Urdu University Gachi Bowli, Hyderabad.	 Dr. Syed Khaja Safiuddin Associate Professor Department of Management Studies Maulana Azad National Urdu University Gachibowli, Hyderabad. (T.S.)
3	Two subject experts from outside the Parent University to be nominated by the Academic Council.	<b>1. Dr. M. Rashid Farooqi</b> Assistant Professor School of Business Management MANUU, Gachibowli, Hyderabad. <b>2. Mr. Tousif Ur Rahman</b> Assistant Professor SYMBOSIS University, T.S.	 
4	One representative from industry/corporate sector/allied area relating to placement.	<b>Mr. Veeraju Vinnakota</b> Dy. Vice President & Manager, HDFC Banks Ltd. Hyderabad Circle.	
5	One postgraduate meritorious alumnus to be nominated by the principal. The Chairman, Board of Studies, may with the approval of the principal of the college.	<b>Dr. Syed Jaffar</b> ANWARUL ULOOM COLLEGE, MERITORIOUS ALUMNUS	
6.	Other members of staff of the same faculty	List attached	

BBM (CBCS)  
(w.e.f 2020-21)

Faculty of Business Management, AUC

## BOS MEETING

Department of Business Administration:

S.no	Board	Contact No	E-Mail ID
1	Dr.Syed Khaja Safiuddin Moulana Azad National Urdu University	9849847434	sksafiuddin@gmail.com
2	Dr.Rashid Farroqi Moulana Azad National Urdu University	9700911532	prashidmgr@gmail.com
3	Mr.Tousif Ur Rahman Moulana Azad National Urdu University	7893357603	tousifurrehmanmd@gmail.com
4	Mr. Veeraju Vinnakota  HDFC SERVICES	9160717869	veerajuhdfc@gmail.com
5	Dr. Syed Jaffar ANWARUL ULOOM COLLEGE, MERITORIOUS ALUMNUS	9848533864	Syedjaffer786@gmail.com

*Syed Khaja Safiuddin*  
H.O.D.  
Department of Business Administration  
Anwarul Uloom College  
New Malibally, Hyderabad-91

Dr. Syed Khaja Safiuddin  
Department of Business Administration  
Maulana Azad National Urdu University  
Gachibowli, Hyderabad. (T.S.)





# Anwarul Uloom College (Autonomous)

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



## Faculty of Science

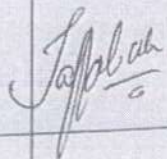
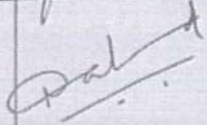
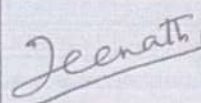
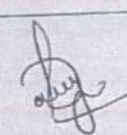
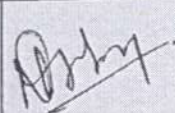
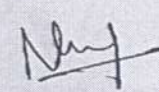
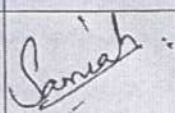
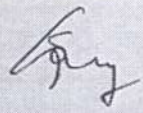
### Department of Chemistry

(2020 – 21 )

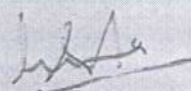
Minutes of the meetings of the Board of Studies(II) in Chemistry was conducted in the Department of Chemistry, Anwarul Uloom College, New Mallepally, Hyderabad on 22-03-2021 at 11.00 am in the staff room of Department of Chemistry. The following faculty members were present and discuss the Agenda of the meeting.

S. No.	Faculty Name	Designation	Signature
1	Dr. Syed Sameena Aziz	Chairman Board of Studies and H O D, Chemistry, AUC, Hyderabad,	
2	Dr.k.Bhasker	(V C Nominee), Head , Department of Chemistry, Osmania University, Hyderabad.	Head Department of Chemist Osmania Universit Hyderabad-007
3	Dr. R Roopa	Asst. Prof. Chemistry, Department of Chemistry & Pharmaceutical Sciences, M G C, Nalgonda, Subject Expert.	
4	Dr. Qasim Ullah	Asst. Prof. Chemistry, Department of Chemistry, School of Sciences, MANUU, Hyderabad, Subject Expert.	
5	Dr. Mohammed Abdul Rasheed Naikodi	Research Assistant (Chemistry), Drug Standardization Unit, CRIUM, Hyderabad	
6	Dr.Najam Rehan	CEO, Halal Herbal Remedies Company, Hyderabad.	
7	Prof. Mir Moazzam Ali	Professor, Department of Chemistry,	



		Anwarul Uloom College, Hyderabad	
8	Dr. Jaffar Ali Khan	Associate Professor, Department of Chemistry, Anwarul Uloom College, Hyderabad	
9	Mrs. Syeda Naheed Fatima	Asst. Prof. Chemistry, Department of Chemistry, Anwarul Uloom College, Hyderabad	
10	Ms. Zeenathunnisa Begum	Asst. Prof. Chemistry, Department of Chemistry, Anwarul Uloom College, Hyderabad	
11	Mr. Mohd. Haji Baba	Asst. Prof. Chemistry, Department of Chemistry, Anwarul Uloom College, Hyderabad	
12	Mrs. Sadiya Mushtaq	Asst. Prof. Chemistry, Department of Chemistry, Anwarul Uloom College, Hyderabad	
13	Mrs. Noorunnisa Begum	Asst. Prof. Chemistry, Department of Chemistry, Anwarul Uloom College, Hyderabad	
14	Ms. Nikhatunnisa Begum	Asst. Prof. Chemistry, Department of Chemistry, Anwarul Uloom College, Hyderabad	
15	Md. Mohasin	Asst. Prof. Chemistry, Department of Chemistry, Anwarul Uloom College, Hyderabad	
16	Mrs. Samiah Tanveer	Asst. Prof. Chemistry, Department of Chemistry, Anwarul Uloom College, Hyderabad	
17	G. Shankar	Asst. Prof. Chemistry, Department of Chemistry, Anwarul Uloom College, Hyderabad	

Head  
 Department of Chemistry  
 UCS, Osmania University  
 Hyderabad-007  
 Prof.K.Bhasker (VC Nominee)  
 Head, Department of Chemistry, O U.

  
 Dr. Syeda Sameena Aziz,  
 Head & Chair person B O S,  
 Dept. of Chemistry,  
 Anwarul Uloom College.





# Anwarul Uloom College (Autonomous)

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

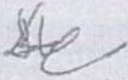


## Agenda

1. Approval of Syllabus for B. Sc. (Chemistry) I, II, III, IV, V & VI – Semesters theory and Practical for the Academic Year 2020 – 21.
2. Approval of Syllabus for M. Sc. (Chemistry) I, II, III & IV – Semesters theory and Practical for the Academic Year 2020 – 21.
3. Approval of Model Question Papers B. Sc. (Chemistry) I, II, III, IV, V & VI – Semesters theory and Practical for the Academic Year 2020 – 21.
4. Approval of Model Question Papers M. Sc. (Chemistry) I, II, III & IV – Semesters theory and Practical for the Academic Year 2020 – 21.
5. Approval of Panel of Examiners for B. Sc. (Chemistry) I, II, III, IV, V & VI – Semesters theory and Practical for the Academic Year 2020 – 21.
6. Approval of Panel of Examiners for M. Sc. (Chemistry) I, II, III & IV – Semesters theory and Practical for the Academic Year 2020 – 21.
7. Approval of Syllabus SECC-I(SEM-III), SECC-II course for (SEM-IV), SECC-III(SEM- V),SECC-IV(SEM-VI) and G E-I(SEM V),GE-II(SEMVI) for the Academic Year 2020 – 21and Add-on Course for M. Sc. (Chemistry) 1<sup>st</sup> Year (I and II – Semesters) and Inter Disciplinary Course for M. Sc. 2<sup>nd</sup> Year (III and IV – Semesters) for the Academic Year 2020 – 21..
8. Approval of Model Question Paper of SECC-I(SEM-III), SECC-II course for (SEM-IV), SECC-III(SEM- V),SECC-IV(SEM-VI) and G E-I(SEM V),GE-II(SEMVI) for the Academic Year 2020 – 21and Add-on Course for M. Sc. (Chemistry) 1<sup>st</sup> Year (I and II – Semesters) and Inter Disciplinary Course for M. Sc. 2<sup>nd</sup> Year (III and IV – Semesters) for the Academic Year 2020 – 21..



9. Approval of Panel of Examiners for SECC-I(SEM-III), SECC-II course for (SEM-IV), SECC-III(SEM- V),SECC-IV(SEM-VI) and G E-I(SEM V),GE-II(SEMVI) for the Academic Year 2020 – 21 and Add-on Course for M. Sc. (Chemistry) 1<sup>st</sup> Year (I and II – Semesters) and Inter Disciplinary Course for M. Sc. 2<sup>nd</sup> Year (III and IV – Semesters) for the Academic Year 2020 – 21..
10. Approval of the Syllabus, Model Question Papers (Theory and Practicals) and Panel of Examiners for Six months Certificate Course in Analytical Techniques in Chemistry for the Academic year 2020 – 21.
11. One Month Certificate Course in Virtual Labs in Chemistry.
12. Any other matter with the permission of the chair.

  
Head  
Department of Chemistry  
UCS, Central University  
Hyderabad-507 007





# Anwarul Uloom College (Autonomous)

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



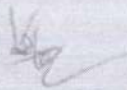
## Resolutions of B O S 2020– 21

1. Resolved to approve the Syllabus for B. Sc. (Chemistry) I, II, III, IV, V & VI – Semesters theory and Practical for the Academic Year 2020– 21.
2. Resolved to approve the proposed Syllabus for M. Sc. (Chemistry) I, II, III & IV – Semesters theory and Practical for the Academic Year 2020– 21.
3. Resolved to approve the Model Question Papers B. Sc. (Chemistry) I, II, III, IV, V and VI – Semesters theory and Practical for the Academic Year 2020– 21.
4. Resolved to approve the Model Question Papers M. Sc. (Chemistry) I, II, III & VI – Semesters theory and Practical for the Academic Year 2020– 21.
5. Resolved to approve the Panel of Examiners for B. Sc. (Chemistry) I, II, III, IV, V and VI – Semesters theory and Practical for the Academic Year 2020– 21.
6. Resolved to approve the Panel of Examiners for M. Sc. (Chemistry) I, II, III and IV – Semesters theory and Practical for the Academic Year 2020– 21.
7. Resolved to approve the syllabus for SECC-I(SEM-III), SECC-II course for (SEM-IV), SECC-III(SEM- V),SECC-IV(SEM-VI) and G E-I(SEM V),GE-II(SEM VI) for the Academic Year 2020 – 21and Add-on Course for M. Sc. (Chemistry) 1<sup>st</sup> Year (I and II – Semesters) and Inter Disciplinary Course for M. Sc. 2<sup>nd</sup> Year (III and IV – Semesters) for the Academic Year 2020 – 21..
8. Resolved to approve the Model Question Paper for SECC-I(SEM-III), SECC-II course for (SEM-IV), SECC-III(SEM- V),SECC-IV(SEM-VI) and G E-I(SEM V),GE- II(SEM VI) for the Academic Year 2020 – 21and Add-on Course for M. Sc. (Chemistry) 1<sup>st</sup> Year (I and II – Semesters) and Inter Disciplinary Course for M. Sc. 2<sup>nd</sup> Year (III and IV – Semesters) for the Academic Year 2020 – 21..
9. Resolved to approve the Panel of Examiners for SECC-I(SEM-III), SECC-II course for (SEM-IV), SECC-III(SEM- V),SECC-IV(SEM-VI) and G E-I(SEM V),GE-II(SEM VI) for the Academic Year 2020 – 21and Add-on Course for M. Sc. (Chemistry) 1<sup>st</sup> Year (I and II – Semesters) and Inter Disciplinary Course for M. Sc. 2<sup>nd</sup> Year (III and IV – Semesters) for the Academic Year 2020 – 21..

  
Head  
Chemistry  
Osmania University  
1507



10. Resolved to approve the Six months Certificate Course in Analytical Techniques in Chemistry, its Syllabus and Panel of Examiners for the Academic year 2020-21.
11. Resolved to approve the syllabus, Model Question Paper and Panel Of Examiners for one month Certificate Course in Virtual Labs in Chemistry.

  
Dep. Head  
UCS, *University*  
Hyderabad-507



## AGENDA

### ITEM NO.1

B.COM (CBCS) Third Year, all streams (General, Comp Appl & E-Comm)  
Syllabus (Fifth & Sixth Semesters) - For Approval.

### ITEM NO.2

**B.Com (CBCS) Second Year Syllabus Semester wise (Third & Fourth semesters) of different streams -**

For Approval.

- (i) B Com
- (ii) B Com (Comp Appl)
- (iii) B Com (E-Comm)
- (iv) B Com (Foreign Trade)
- (v) B Com (Advertising & Sales Management)
- (vi) B Com (Tax Procedures)

### ITEM NO.3

**Introduction of New Course B.Com (Business Analytics) First Year Syllabus Semester wise (First & Second Semesters) - For Approval.**

### ITEM NO.4

Panel of Paper Setters and Examiners for B.com- All Streams for Approval

### ITEM NO.5

Any other Matter with the permission of the Chair.

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



**Head**  
Department of Commerce  
Osmania University  
Hyderabad - 500 007.

25 Sep 20

**ANWARUL ULOOM COLLEGE: HYDERABAD**

**MINUTES OF THE MEETING HELD ON 25 SEP 20 AT 3 PM IN THE CONFERENCE HALL  
OF DEPT OF COMMERCE OSMANIA UNIVERSITY**

The meeting was held at the Osmania University on 25 September 2020 at 3 pm in the conference hall of Dept of Commerce Osmania University. All the board members were present and the proceedings commenced with a welcome address by Dr.Vijaya Govind and the agenda was taken up :

**Items for Discussion and Approval:**

The following agenda items were taken up for discussions:

1. B.Com(Comp Appl)
2. B.Com (Advertising Sales Promotion &Sales Management)
3. B.Com (Tax Practices &Procedures)
4. B.Com (Foreign Trade)
5. Approval is requested for B.Com , and B.Com(Comp Appl) for fifth and sixth semesters for AY 2020-21.
6. Propose to introduce B.Com(Business Analytics) from the AY 2021-22
7. Approval is requested for Panel of Paper Setters and Examiners for All Streams Under graduation
8. Approval is requested for M.Com third and Fourth Semesters for AY 2020-21.
9. Approval is requested Panel of Paper Setters and Examiners for M.com.
10. Any other Matter with the permission of the Chair

After discussion, the Board approved the following Agenda items:

**Agenda Item nos 1 to 4**

1. B.Com(Comp Appl)
2. B.Com (Advertising Sales Promotion &Sales Management)
3. B.Com (Tax Practices &Procedures)
4. B.Com (Foreign Trade)

**Resolution:**

Approved that all above Agenda Item Nos one to four of third &fourth semesters were approved for the academic year 2020-21 and the Number of Sections approved for 2019-20 be continued for academic year 2020-21.

**Head**  
Dept. of Commer.  
Osmania Univers  
Hyderabad - 500 0

**Agenda Item no 5**

APPROVAL IS REQUESTED FOR B.COM , AND B.COM(COMP APPL) FOR FIFTH AND SIXTH SEMESTERS FOR AY 2020-21.

**Resolution:**

APPROVED the syllabus for B.Com , and B.Com(Comp Appl) for fifth and sixth semesters for AY 2020-21, the Board approved the structure in the year 2018-2019 and accorded approvals accordingly(2018-19 First& Second semesters;2019-20 Third & Fourth-semesters)

**Agenda Item No 6**

PROPOSE TO INTRODUCE B.COM (BUSINESS ANALYTICS) FROM THE A.Y 2021-22

**Resolution:**

APPROVED THE PROPOSAL TO INTRODUCE B.COM (ANALYTICS) w.e.f.2021 -22 onwards.

**Agenda Item No 7:**

Approval is requested for Panel of Paper Setters and Examiners for B.com all Streams for the Academic year 2020-21

**Resolution**

Approved the Panel of Paper Setters and Examiners for B.com All Streams for the Academic year 2020-21

**Agenda Item No 8**

Approval of syllabus is requested for M.Com third and Fourth Semesters for AY 2020-21

**Resolution**

APPROVED the syllabus for M.Com. third& fourth semesters for AY 2020-21. the Board approved the structure in the year 2019-20 and accorded approval for First & Second semesters accordingly.

**Agenda Item No 9:**

Approval is requested Panel of Paper Setters and Examiners for M.com.

**Resolution**

Approved the Panel of Paper Setters and Examiners for M.Com for the Academic year 2020-21.

**Agenda Item No 10:**

Any other Matter with the permission of the Chair

Since there was no other matter Mr. Hemanth proposed a vote of thanks and the meeting came to an End.



### AGENDA

1. M.Com Second Year (CBCS) Syllabus Semester wise (Third & Fourth semesters) for the Academic Year 2020-21 onwards is presented- For Approval
2. M.Com (IS) Second Year (CBCS) Syllabus Semester wise (Third & Fourth semesters) for the Academic Year 2020-21 onwards is presented- For Approval
3. Panel of Paper setters and Examiners – For Approval.
4. Any other matter with the permission of chair.

J.h  
25/9/2020

25 Sep 20

**ANWARUL ULOOM COLLEGE: HYDERABAD**

**MINUTES OF THE MEETING HELD ON 25 SEP 20 AT 3 PM IN THE CONFERENCE HALL  
OF DEPT OF COMMERCE OSMANIA UNIVERSITY**

The meeting was held at the Osmania University on 25 September 2020 at 3 pm in the conference hall of Dept of Commerce Osmania University. All the board members were present and the proceedings commenced with a welcome address by Dr.Vijaya Govind and the agenda was taken up :

**Items for Discussion and Approval:**

The following agenda items were taken up for discussions:

1. B.Com(Comp Appl)
2. B.Com (Advertising Sales Promotion &Sales Management)
3. B.Com (Tax Practices &Procedures)
4. B.Com (Foreign Trade)
5. Approval is requested for B.Com , and B.Com(Comp Appl) for fifth and sixth semesters for AY 2020-21.
6. Propose to introduce B.Com(Business Analytics) from the AY 2021-22
7. Approval is requested for Panel of Paper Setters and Examiners for All Streams Under graduation
8. Approval is requested for M.Com third and Fourth Semesters for AY 2020-21.
9. Approval is requested Panel of Paper Setters and Examiners for M.com.
10. Any other Matter with the permission of the Chair

After discussion, the Board approved the following Agenda items:

**Agenda Item nos 1 to 4**

1. B.Com(Comp Appl)
2. B.Com (Advertising Sales Promotion &Sales Management)
3. B.Com (Tax Practices &Procedures)
4. B.Com (Foreign Trade)

**Resolution:**

Approved that all above Agenda Item Nos one to four of third &fourth semesters were approved for the academic year 2020-21 and the Number of Sections approved for 2019-20 be continued for academic year 2020-21.



**Head**  
Dept. of Commerce  
Osmania University  
Hyderabad - 500 007

**Agenda Item no 5**

APPROVAL IS REQUESTED FOR B.COM , AND B.COM(COMP APPL) FOR FIFTH AND SIXTH SEMESTERS FOR AY 2020-21.

**Resolution:**

APPROVED the syllabus for B.Com , and B.Com(Comp Appl) for fifth and sixth semesters for AY 2020-21. the Board approved the structure in the year 2018-2019 and accorded approvals accordingly(2018-19 First& Second semesters;2019-20 Third & Fourth-semesters)

**Agenda Item No 6**

PROPOSE TO INTRODUCE B.COM (BUSINESS ANALYTICS) FROM THE A.Y 2021-22

**Resolution:**

APPROVED THE PROPOSAL TO INTRODUCE B.COM (ANALYTICS) w.e.f.2021 -22 onwards.

**Agenda Item No 7:**

Approval is requested for Panel of Paper Setters and Examiners for B.com all Streams for the Academic year2020-21

**Resolution**

Approved the Panel of Paper Setters and Examiners for B.com All Streams for the Academic year 2020-21

**Agenda Item No 8**

Approval of syllabus is requested for M.Com third and Fourth Semesters for AY 2020-21

**Resolution**

APPROVED the syllabus for M.Com. third& fourth semesters for AY 2020-21. the Board approved the structure in the year 2019-20 and accorded approval for First & Second semesters accordingly.

**Agenda Item No 9:**

Approval is requested Panel of Paper Setters and Examiners for M.com.

**Resolution**

Approved the Panel of Paper Setters and Examiners for M.Com for the Academic year 2020-21.

**Agenda Item No 10 :**

Any other Matter with the permission of the Chair

Since there was no other matter Mr. Hemanth proposed a vote of thanks and the meeting came to an End.





# ANWARUL ULOOM COLLEGE

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

Tel : +91-40-2334 0134,  
2334 2285, 2334 4175,  
2334 8242, 2334 3170,  
Fax: +91-40-2334 4175

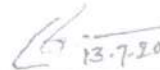
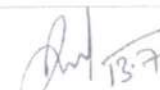
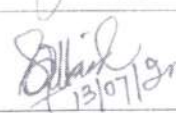
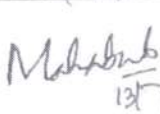
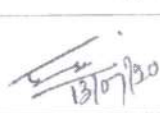
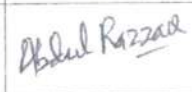
Ref. No.

Date 13-07-2020

## Department Of Computer Science B.Sc. (Computer Science) Programme


Minutes of the meeting of the Board of Studies, Department of Computer Science, Anwarul Uloom College (Autonomous) held on 13-07-2020

The following subject experts and faculty members were present at the meeting:

S.No.	Faculty Name	Designation	Signature
1	Dr. C. Goverdhan	University Nominee, Professor, Department of Computer Science, Osmania University, Hyderabad	 13.7.20
2	Prof. Abdul Wahid	Professor & Dean, Department of Computer Science & IT, Maulana Azad National Urdu University, Hyderabad	 13.7.20
3	Mr. Mohd. Ubaid Siddiqui	CHAIRMAN & Head, Department of Computer Science, A U C, Hyderabad	 13/07/20
4	Mr. Khaja Mahbubullah	Prof. and H O D, Computer Science, Deccan College of Engineering & Technology, Hyderabad, Subject Expert, Member	 13/7
5	Mr. Israr Ahmed Qureshi	Head, Department of CS E, AUC, Hyderabad, Member	 13/07/20
6	Mr. Abdul Razzak	Director, Innovative Technologies, Hyderabad, Member	 Abdul Razzak

### The following items on the agenda were taken up for approval:

- 1) The Syllabus and Subject Titles for B.Sc. (Computer Science) I,II and III year have been approved.
- 2) The experts ratified the syllabus after due deliberation and also lent their approval to the semester-wise division of the Syllabus and allotment of credits and marks for subjects.
- 3) The model question papers, revised panel of examiners and question paper setters were also approved for the academic year 2020-21

  
CHAIRMAN, BOS  
Mr. Mohd. Ubaid Siddiqui  
Chairman, BOS, Computer Science  
ANWARUL ULOOM COLLEGE  
11-3-918, New Mallepally, Hyderabad - 500 001. Telangana State, INDIA  
audegreecollege@gmail.com  
www.anwarululoom.in

  
13.7.20  
Dr. C. Goverdhan, University Nominee  
Professor, Dept. of Comp. Sci.  
Osmania University, Hyderabad





# ANWARUL ULOOM COLLEGE

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

Tel: +91-40-2334 0134,  
2334 2285, 2334 4175,  
2334 8242, 2334 3170,  
Fax: +91-40-2334 4175

## Faculty of Science

### Department of Computer Science & Engineering

(2020 - 2021)

Ref. No.

Minutes of the online meeting of BOS B.Sc. (Computer Science & Engineering) Anwarul Uloom college (Autonomous) held at 11:00 am on 08/09/2020.

Following were present:

Name & Designation	Signature
1. Prof. S Ram Babu V.C Nominee & Assoc. Professor College of Engineering, Osmania University, Hyd.	
2. Mr. Israr Ahmed Qureshi Chairman Board of Studies and H O D, CSE, AUC, Hyderabad	
3. Dr. Subramanian KM Prof. Dept. of CSE, Shadan College of Engg. & Tech. Peerancheru, Hyd, Subject Expert, Member.	
4. Dr. Syed Salauddin Professor and HoD Mathematics, AUC, Hyderabad.	
5. Mr. Abdul Wahab Asif Assoc. Prof. Dept. of CSE Shadan College of Engg. & Tech, Peerancheru. Subject Expert, Member.	
6. Mr. M. A. Majed Assoc. Prof. of ECE, Deccan College of Engg. & Tech, Hyderabad, Member	
7. Mr. Abdul Razzak, Director, Innovative Technologies, Hyderabad, Member	
8. Mr. Sayed Mahaboob, Asst. Prof. EEE SWCET, Khairtabad. Subject Expert, Member	
9. Ms. Shameem Fatima, Assoc. Professor, Anwarul Uloom college.	

The items of the agenda were taken up and after detailed deliberations, following resolutions are adopted:

- Resolved to approve the syllabus of B.Sc. (Computer Science & Engineering) course I, II and III Year for the academic year 2020-2021.
- Resolved that an additional section in B.Sc.(Computer Science & Engineering) with an intake of 60 candidates under co-education be approved with effect from academic year 2020-2021
- Resolved to approve the model Questions paper, Panel of Examiners and Panel of Question paper setters for B.Sc.( CSE) I,II and III year.
- Resolved to approve the syllabus of the following Certificate courses being offered in the Department 1. Web designing 2. Computer networking

Mr. Israr Ahmed Qureshi  
Chairman, BOS & HOD, CSE  
Dept. of Computer Science & Engg  
Anwarul Uloom College, Hyd.  
A.U. College Malleshwari, Hyd. T. A.P.

1-3-918, New Malleshwari, Hyderabad - 500 001, Telangana State, INDIA

udegreecollege@gmail.com

www.anwarululoom.in

Prof. S Ram Babu  
VC Nominee & Assoc. Professor, Dept. of CSE  
College of Engineering, Osmania University, Hyd.

**Anwarul Uloom College (Autonomous)**

**(An Autonomous Muslim Minority Institution)**

**New Mallepally, Hyderabad**

**(Affiliated to Osmania University, Hyderabad)**

**Department Of Economics**

**Minutes of the meeting of the Board Of Studies**

**of P.G. Dept. of Economics**

**(2020-21)**



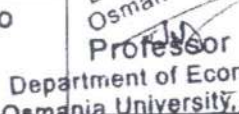


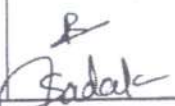


ANWARUL – ULOOM DEGREE COLLEGE

DEPARTMENT OF ECONOMICS

(2020-2021)

The Minutes of the meeting Board Of Studies of P.G Department of Economics. The following faculty members from the Department of Economics were present.

s.no		NAME	SIGNATURE
1	Chairperson and Head of the Department	Dr Neena Job	
2	One expert to be nominated by the Vice-Chancellor from a panel of six recommended by the college Principal	Prof.M.Ramulu,Osmania University	 Professor Department of Economics Osmania University, Hyd-7
3	Head of the Department , Osmania University,Hyderabad	Prof.J.Narasimha Rao	 Professor Department of Economics Osmania University, Hyd-7
4	Two subject experts from outside the parent university to be nominated by the Academic Council	1. Prof.FareedaSiddiqua HOD,MANUU 2.Prof.Syed Hassan Quayed MANUU	  GACHIBOWLI, Hyderabad-500 032 DEPARTMENT OF ECONOMICS OSMANIA UNIVERSITY
5	Faculty	1.Dr.AsifJahan  2. Ms.BushraSiddiga 3. Mrs.Syed Sadakun	 Sadakun


**AGENDA FOR THE  
BOARD OF STUDIES MEETING**

- 1) Approval Of Syllabus of I, II, III, & IV Semesters.
- 2) Approval Of Model Question Papers.
- 3) Approval Of Panel Of Examiners And Paper Setters.
- 4) Approval Of ADD – ON & IDE Courses Syllabus.
- 5) Any Other Matter With The Permission Of Chair.

**RESOLUTION PASSED**

The following resolutions were adopted

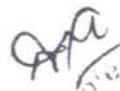
- 1) Resolved to approve Of Syllabus of I, II, III, & IV Semesters.
- 2) Resolved to approve Of Model Question Papers.
- 3) Resolved to approve Of Panel Of Examiners And Paper Setters.
- 4) Resolved to approve Of ADD – ON & IDE Courses Syllabus.

  
Prof. Professor  
Department of Economics  
University, Hyd-7  
**PANEL OF EXAMINERS / PAPER – SETTERS**

  
Department of Economics  
University, Hyd-7

**List of Examiners / Paper Setters for the year 2020-2021, for the I, II, III, & IV Semesters**

1. Prof. B. Sudhakar Reddy  
Chairman, Board of Studies Osmania University, Hyd.
2. Prof. J. Narasimha Rao  
Department of Economics, Osmania University, Hyd
3. Prof. M. Ramulu  
Department of Economics, Osmania University, Hyd
4. Prof. B. Narayana  
Nizam College, Hyd
5. Prof. B. Rathnakumari  
Koti Women's College
6. Prof. A. Lakshmi  
Koti Women's College
7. Dr. Savitri  
Nizam College
8. Dr. Puroshotam  
Nizam College

  
Asst. Professor  
Department of Economics  
Osmania University, Hyd-7

  
Professor  
Department of Economics  
Osmania University, Hyd-7



**Anwarul Uloom College (Autonomous)**  
**(An Autonomous Muslim Minority Institution)**  
**New Mallepally, Hyd**  
**(Affiliated to Osmania University,.)**  
**Department Of Economics**  
**M.A.(Economics) Course Structure**  
**(Choice Based Credit System)**  
**(2020- 2021)**

**MASTER STRUCTURE**

**SEMESTER - I**

Paper Code	Name Of The Paper	Scheme Of Instructions (Hours Per Week)	Credits	Scheme Of Examination		Total
				Internal Assessment Marks	Semester Exam Marks	
101	Micro Economics Analysis- I	5	5	20	80	100
102	Macro Economics Analysis -I	5	5	20	80	100
103	Quantitative Methods- I	5	5	20	80	100
104	Agricultural Economics- I Or Computer Applications -I	5	5	20	80	100
105	Economics of Social Sector-I Or Financial Economics- I	5	5	20	80	100
	Seminar	2	1	---	25	25
Add - on106	Communicative English & Soft Skills		2	---	50	50
	<b>TOTAL</b>	25	28	100	475	575

Notation:

**IA-Internal Assessment**

1. Note: For each papers there will be semester examination for 80 marks and 20 marks for Internal Assessment.
2. 15 marks for Internal Assessment and 5 marks for Assignment in the subject, average of two shall be considered for the award of marks.
3. 25 marks for seminar.

**SEMESTER - II**

*Asst. Professor*  
 Department of Economics  
 Anwarul Uloom College (Autonomous)  
 New Mallepally, Hyderabad

*[Signature]*  
 Asst. Professor  
 Department of Economics  
 Anwarul Uloom College (Autonomous)  
 New Mallepally, Hyderabad

Paper Code	Name Of The Paper	Scheme Of Instructions (Hours Per Week)	Credits	Scheme Of Examination		
				Internal Assessment Marks	Semester Exam Marks	Total
201	Micro Economics Analysis- II	5	5	20	80	100
202	Macro Economics Analysis -II	5	5	20	80	100
203	Quantitative Methods- II	5	5	20	80	100
204	Agricultural Economics- II Or Computer Applications -II	5	5	20	80	100
205	Economics of Social Sector-II Or Financial Economics- II	5	5	20	80	100
	Seminar	2	1	---	25	25
Add-on206	Human Values & Profession Ethics		2	---	50	50
	<b>TOTAL</b>	25	28	100	475	575

Notation:

IA-Internal Assessment ; SEM- Semester

1. Note :For each papers there will be semester examination for 80 marks and 20 marks for Internal Assessment.
2. 15 marks for Internal Assessment and 5 marks for Assignment in the subject, however the best of two shall be considered for the award of marks.
3. 25 marks for semester.

ANWARUL ULOOM COLLEGE(AUTONOMOUS)

*Dr. Professor*  
Department of Economics  
Osmania University, Hyderabad

*Professor*  
Department of Economics  
Osmania University, Hyderabad

# Anwarul Uloom College

(An Autonomous Muslim Minority Institution)  
(Accredited by NAAC with Grade 'A')  
(Affiliated to Osmania University)  
Hyderabad, Telangana - 500001  
India  
[www.anwarulloom.com](http://www.anwarulloom.com)

**B.Sc (MECS/MPE)**

**CBCS**

**ELECTRONICS SYLLABUS**

(W.e.f. 2020-2021)



**DEPARTMENT OF ELECTRONICS**



## Minutes of the meeting of the Board of Studies in Electronics

The minutes of the meeting of Board of studies in Electronics of Anwarul Uloom College(Autonomous),Hyderabad, held on 19-11-2020 at 11.30 am in the Department of Electronics, Anwarul Uloom College, Hyderabad.

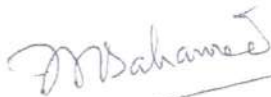
### RECOMMENDED COMPOSITION OF THE BOARD OF STUDIES ANWARUL ULOOM COLLEGE

Sl No	Composition	Name
1	Head of the Department concerned	Mr. Md Ghulam Ahmed
2	Two Experts in the subjects from outside the college	Mrs.Rifath Jahan HOD of Electronics Sujatha Degree & PG College for Women, Abids, Hyderabad.  Mr.Syed Mahaboob Dept of Electronics Associate Professor, Shadan College of Engg, Khairatabad,Hyderabad.
3	One expert to be nominated by the Vice-Chancellor from a panel of six recommended by the College Principal	Prof. Syed Rahman Board of Studies, Electronics Department of Physics. Osmania University, Hyderabad.
4	One representative from Industry	Mohd Hamed Raza Application Engg, CEO of Innovative Technologies, Mehdipatnam, Hyderabad.
5.	Alumni	Mohd Shajiuddin IT Manager, Anwarul Uloom College.
6.	Faculty Member	Mr. Md Azharuddin Quraishi


**RESOLUTIONS PASSED:**

The following Resolutions have been passed:

1. CBCS is adopted for B.Sc Iyr, IIyr & III yr for the Academic year 2019-20.
2. Syllabus for B.Sc Iyr & IIIyr is upgraded to CBCS with 10% change .
3. IDE & ADD-ON for Bsc.IIIyr is Approved.
4. Model papers are been approved & enclosed.
5. Panel of Paper setters & Examiners are approved and enclosed.
6. Syllabus of Certificate courses was approved.
  - I. Certificate Course in Virtual Labs.
  - II. Certificate course in Matlab.
  - III. Certificate course in Mobile Technology.



Head of the Dept. of Electronics.  
Anwar-ul-Uloom College, Malleshpally  
Hyderabad.

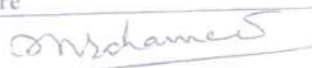


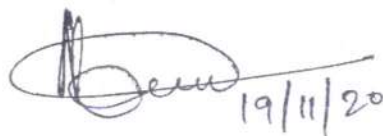
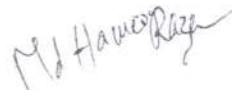
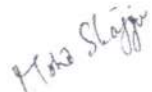

  
CHAIRMAN  
Board of Studies, Electronics  
Department of Physics  
Osmania University  
Hyderabad-500 007.

BOS MEETING

DATE: 19/11/2020

VENUE: Electronics Department

TIME: 11.30 AM

Sl No	Name	Signature
1.	Prof. Mohammed Ghulam Ahmed Chairman Board of Studies Department of Electronics, AUC	 Head of the Dept of Electronics, Anwar-ul-Uloom College, Mirzapur
2.	Prof. D. Karuna Sagar Board of Studies Electronics Department of Physics. Osmania University, Hyderabad.	 19/11/2020
3.	Mrs. Rifath Jahan HOD of Electronics Sujatha Degree & PG College for Women, Abids, Hyderabad.	
4.	Sayed Mahabub Dept of Electronics Associate Professor, Shadan College of Engg, Khairatabad, Hyderabad.	 19/11/20
5.	Mohd Hamed Raza Application Engg, Innovative Technologies, Mehdipatnam, Hyderabad.	
6.	Mohd Shajiuddin IT Manager, Anwarul Uloom College.	
7.	<del>Ayesha Noor Shiekh</del> Asst Professor, Department of Electronics, AUC.	 19/11/20



# Anwarul Uloom College

(Affiliated to Osmania University)  
(An Autonomous Muslim Minority Institution)  
Accredited by NAAC with 'A' Grade  
New Mallepally, Hyderabad - 500 001, Telangana State.

## Bachelor of Arts, Science, Commerce and Business Administration (CBCS)

---

### Department of English 2020-2021

Minutes of the meeting of the Board of Studies, Department of English,  
Anwarul-Uloom College, held on 24-09-2020

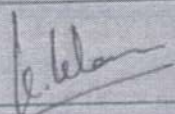
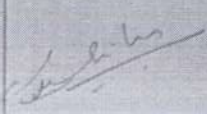
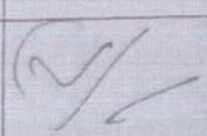
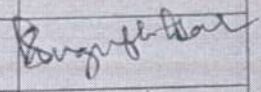
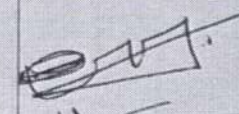
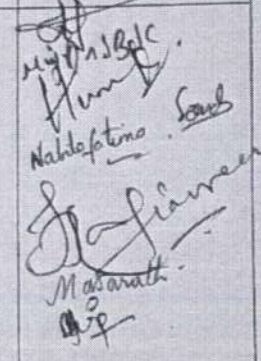
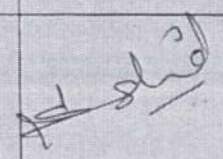
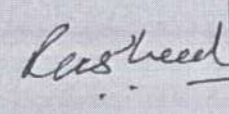
The following points on the agenda were taken up for approval.

1. Syllabus being followed for students of Undergraduate Courses in all the streams, viz. B.A, B.Sc and B.com...
2. The experts ratified the syllabus after due deliberation and also have given lent their approval to the Semester-Wise division of the syllabus.
3. The model question papers, as also revised panel of examiners and question paper-setters were approved for B.A, B.Com, B.Sc. I & II year and BBA I & II year.
4. Approval was given for the inclusion of few topics like Clauses, Direct & Indirect speech and Business letters in the UG syllabus.

*[Handwritten signature]*



(U.G.)  
Minutes of the Meeting (2020-21)  
Department of English

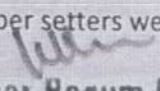
S.NO	Name	Designation	Signature
1	Capt. Dr. Kausar Begum Khan	Chairperson Board of Studies Head, Department of English, AUC Mallepally, Hyderabad, Telangana	
2	Mrs. M Suchitra Reddy	Chairperson, Board of Studies (OU VC Nominee): Head, Department of English RBVR Reddy Women's College Narayanguda, Hyderabad, Telangana	
3	Prof. Syed Mohammed Haseebuddin Quadri	Subject Experts: Head, Department of English MANUU, Hyderabad, Telangana	
4	Prof. Shagufta Shaheen	Professor, Department of English MANUU, Hyderabad, Telangana	
5	Prof. Salivendra Jayaraju	Subject Expert: Department of Phonetics and SE EFL University Hyderabad, Telangana	
6	Prof. K.S.Sunita Major Prof. Sultana Khan Mrs. Iftexharunnisa Miss P.Sandhya Rani Ms. Nabila Fatima Mrs. Husna Khaleel Mrs. Masarath Fatima Mrs. Rafia Tanveer Mrs.Amtul Bari Mrs.Raajitha Rachuri	Members: AUC, Mallepally, Hyderabad, Telangana	
7	Mrs. Salma Nausheed	Representative from the Industry: Founder and CEO Alif Skills Academy Moghalpura, Hyderabad, Telangana	
8	Mr. M. A Rasheed	Alumnus: Assistant Professor Deccan College of Engineering, Hyderabad, Telangana	

The following points on the agenda were taken up for approval:

Syllabus is being followed for students of undergraduate courses in all streams.

The experts ratified the syllabus after due deliberation and also have given their approval to the Semester -Wise division of the syllabus.

The model question papers, as also the revised panel of examiners and question paper setters were approved for B.A, B.Sc, B.Com I and BBA I year.

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

# **ANWARUL ULOOM COLLEGE**

(Autonomous)

(An Autonomous Muslim Minority Institution)

New Mallepally, Hyderabad – 500 001, T.S. India

( Affiliated to Osmania University)



## **FACULTY OF ARTS**

DEPARTMENT OF HINDI

BOARD OF STUDIES IN HINDI

ACADEMIC YEAR 2021-2022

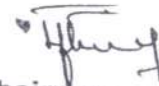


## AGENDA

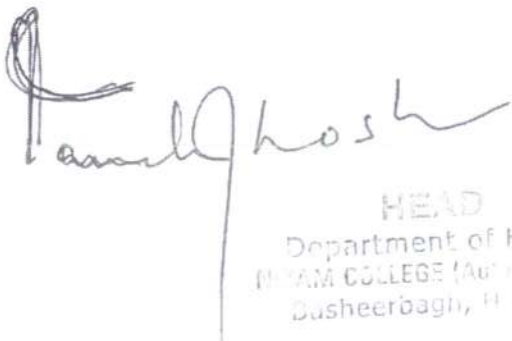
1. Approval of Syllabus for Degree I, II, III, IV, V, VI, Semester for academic year 2021 – 2022
2. Approval of Model Question Paper for Degree – I, II, III, IV, V, VI, Semesters.
3. Approval of Panel of Paper Setters and Examiners for Degree – I, II, III, IV, V, VI, Semesters
4. Approval of syllabus for Add – On and IDE course for Degree – I, II, III, IV, V, VI, Semesters

### Resolution: The following resolution were adopted:

1. Resolved to approve the proposed syllabus for Degree – I, II, III, IV, V, VI, Semesters
2. Resolved to approve the proposed Model Question Paper for Degree I, II, III, IV, V, VI, Semesters
3. Resolved to approve the proposed Panel of Paper Setters and Examination for Degree I, II, III, IV, V, VI, Semesters
4. Resolved to approve the proposed Add- On and IDE courses syllabus for Degree I Year Hindi, I & II Semester for the academic year 2021- 2022



Chairman  
Board of Studies in Hindi



HEAD  
Department of Hindi  
ANWAR COLLEGE (Autonomous)  
Dasheerbagh, Hyderabad

**Mrs. MOHI FATIMA**  
H.O.D Dept of HINDI  
ANWAR-UL-ULOOM COLLEGE  
NEW MALLEPALLY, HYD.

# ANWARUL ULOOM COLLEGE

(Autonomous)

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



## FACULTY OF ARTS

DEPARTMENT OF HINDI

### ACADEMIC YEAR 2021-2022

Minutes of the 2<sup>nd</sup> meeting of Board of Studies in the dept of Hindi  
(Second Language) held on 04-02-2022 at Arts College, Osmania  
University

The Following Faculty Member of the department were present.

S.No.	Faculty Name	Designation	Signature
01.	Mrs. Mohi Fatima	Head of the Department and Chairperson, Board of Studies, Anwar-ul-Uloom College, New Mallepally, Hyderabad	<b>Mrs. MOHI FATIMA</b> HEAD Dept of HINDI ANWAR-UL-ULOOM COLLEGE NEW MALLEPALLY, HYD.
02.	Prof. Dr. Samar Kumar Ghosh	Chairperson Board of Studies, Dept. of Hindi, Nizam College, Hyderabad	<i>[Signature]</i>
03.	Mr. Dr.K.Sangeeta	Asst. Professor & Head of the Department in Hindi, Osmania University	<i>[Signature]</i>
04.	Dr. Ghousia Sultana	Lecturer Anwar UI Uloom College Dept. of Hindi	<i>[Signature]</i>
05.	Mr. Malleka Begum	Lecturer Anwar UI Uloom College Dept. of Hindi)	<i>[Signature]</i>
06.	Mr. Mohd Aleem	Alumnus (Member)	<i>[Signature]</i>

The Department of Hindi, adopted CBCS Pattern for Under Graduate 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> years (I, II,III, IV,V,VI - Semesters). The Department also adopted to Introduce AECC I&II in 1<sup>st</sup> and 2<sup>nd</sup> Sem SEC I,II,III,IV &GE in 2<sup>nd</sup> and final year of UG.  
The Department of Hindi, adopted 2<sup>nd</sup> Lang in 5<sup>th</sup> and 6<sup>th</sup> Sem of UG with 3 Credits each from 2021-22 Academic Year onwards

**ANWARUL ULOOM COLLEGE**  
**( Autonomous )**

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



**Faculty of Social Sciences**

*Department*  
*of*  
*History*

**Board of Studies in History**

**Academic Year 2020 – 21**



# ANWARUL ULOOM COLLEGE (Autonomous)

(An Autonomous Muslim Minority Institution)  
New Malleshpally, Hyderabad - 500 001, A.P., India  
(Affiliated to Osmania University)



## Faculty of Social Sciences

### Department of History ( 2020 - 21 )

Minutes of the members of the Board of Studies of B.A. History and P.G. History held on 22-9-2020. The following faculty members from the Department of History were present.

S. No.	Faculty Name	Designation	Signature
1	Mr. K. Felix	Head of the Department and Chairperson, Board of Studies, A U C, Hyderabad	K Felix
2	Dr. Sandhya <i>Syath</i>	Osmania University V C Nominee, Govt. Degree College, Begumpet, Hyd.	<i>Syath</i>
3	Dr. G. Anjaiah	Subject Expert Osmania University, Hyderabad	G Anjaiah
4	Mr. Y. L. N. Sudhakar Reddy	Subject Expert, Dept. of History (Folk Studies), Hyderabad Central University	Y. L. N. Sudhakar Reddy
5	Prof. Salman Farooqui	Deccan Studies, MANNU, Hyderabad.	Salman Farooqui
6	Mr. Abdullah Zahid	Leather Goods, Industrialist	Zahid
7	Dr. Alauddin	Lecturer, AUC, Hyderabad, Member	Alauddin
8	Mr. Sardar Khan	Anwarul College of PG Studies, Hyderabad, Member	Sardar Khan
9	Mrs. Rashida Rais	Lecturer, AUC, Hyderabad, Member	Rashida Rais
10	Mr. Ch. Sheshaiah	Lecturer, AUC, Hyderabad, Member	Sheshaiah
11	Mrs. Ishrath Jahan	Student Alumni, AUC, Member	Ishrath Jahan
12.	Mrs ASIMA PARVEEN LECTURER - AUC - Asma		K Felix

CHAIRMAN  
Board of Studies  
Dept of History  
Anwarul-uloom College  
New Malleshpally, Hyderabad

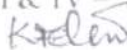
The Department of History adopted C B C S pattern for I to VI – Semesters of B.A. (History) and I to IV Semesters of M. A. (History) from 2015 onwards.

The Department adopted A E C C – I as Environmental Studies in I – Semester, A E C C – II as Basic Computer Skills in II – Semester, S E C C – I as History and Culture of Telangana – I in III – Semester, S E C C – II as History and Culture of Telangana – II in IV – Semester, S E C C – III and G E – I as Ancient Civilization and Achievements and Museums in V – Semester, S E C C – IV and G E – II as History of World Tourism and Indian National Movement in VI – Semester,

## A g e n d a

1. Approval of Syllabus for B. A. ( History ) – I, II, III, IV, V & VI Semesters as per C B C S pattern for the academic year 2020 – 21.
2. Approval of Syllabus for AECC – I i.e. Environmental Studies in I - Semester and AECC – II, i.e. Basic Computer Skills in II - Semester for 1<sup>st</sup> Year B.A. Course.
3. Approval of Syllabus for M. A. ( History ) – I, II, III & IV Semesters as per C B C S pattern for the academic year 2020 – 21.
4. Approval of Model Question Paper for B. A. ( History ) – I, II, III, IV, V & VI – Semesters as per C B C S pattern for the academic year 2020 – 21.
5. Approval of Model Question paper for M.A. ( History ) – I, II, III & IV Semesters as per C B C S pattern for the academic year 2020 – 21.
6. Approval of Panel of Paper Setters and Examiners for B. A. ( History ) – I, II, III, IV, V & VI – Semesters for the academic year 2020 – 21.
7. Approval of Panel of Paper Setters and Examiners for M. A. ( History ) – I, II, III & IV – Semesters for the academic year 2020 – 21.
8. Approval of A E C C and S E C C and G E courses syllabus for B. A. ( History ) I to VI – Semesters for the Academic year 2020 – 21.
9. Approval of Add – on and I D E courses for M. A. ( History ) 1<sup>st</sup> Year – I & II – Semesters, I D E subjects for M. A. ( History ) 2<sup>nd</sup> Year III & IV – Semesters for the Academic year 2020 – 21.



  
CHAIRMAN  
Board of Studies  
Dept. of History  
Anwar-ul-Uloom College  
New Mattepally, Hyderabad

## Resolutions: The following resolutions were adopted.

1. Resolved to approve the proposed syllabus for B. A. ( History ) – I, II, III, IV, V & VI Semesters as per C B C S pattern for the academic year 2020 – 21.
2. Resolved to approve the proposed syllabus of M. A. ( History ) – I, II, III & IV Semesters as per C B C S pattern for the academic year 2020 – 21.
3. Resolved to approve the proposed Model Question Paper for B. A. ( History ) – I, II, III, IV, V & VI – Semesters as per C B C S pattern for the academic year 2020 – 21.
4. Resolved to approve proposed Model Question paper for M.A. ( History ) – I, II, III & IV Semesters as per C B C S pattern for the academic year 2020 – 21.
5. Resolved to approve the proposed Panel of Paper Setters and Examiners for B. A. (History) – I, II, III, IV, V & VI – Semesters for the academic year 2020 – 21.
6. Resolved to approve the proposed Panel of Paper Setters and Examiners for M. A. ( History ) – I, II, III & IV – Semesters for the academic year 2020 – 21.
7. Resolved to approve the proposed A E C C and S E C C and G E courses syllabus for B. A. ( History ) I to VI – Semesters for the Academic year 2020 – 21.
8. Resolved to approve the proposed Add – on courses for M. A. ( History ) I, II, III & IV – Semesters for the Academic year 201 7 – 18.
9. Resolved to approve of Add – on and I D E courses for M. A. ( History ) 1<sup>st</sup> Year – I & II – Semesters, I D E subjects for M. A. ( History ) 2<sup>nd</sup> Year III & IV – Semesters for the Academic year 2020 – 21.

*VC Nominee*  
*(Smt. Dr. Sankhya Tyebthana)*  
*Regent's Degree College*  
*Hyderabad*

*Kadathala*  
Chairman  
Board of Studies in History  
CHAIRMAN  
Board of Studies  
Dept. of History  
Anwar-ul-Uloom College  
New Mallepally, Hyderabad



**Panel of Examiners and Paper Setters  
for B. A. (History)  
for the Academic year 2020 – 21**

S No	Faculty Name	Designation
1	Prof. Arjun Rao	Department of History, Arts College, Osmania University, Hyderabad.
2	Dr. B. Lavanya	Department of History, Arts College, Osmania University, Hyderabad.
3	Dr. G. Anjaiah	Department of History, Arts College, Osmania University, Hyderabad.
4	Dr. P. Aruna Pariti	Department of History, University College for Women, Koti, Hyderabad.
5	Dr. Indira	Department of History, Arts College, Osmania University, Hyderabad.
6	Dr. Hajira Begum	Asst. Prof. Shadan College, Khairatabad, Hyderabad
7	Mrs. Rashida Rais	Lecturer, Anwarul College of PG Studies, Hyderabad.
8	Mr. K. Felix	Head of the Department, Anwarul Uloom College, Hyderabad
9	Mr. Sardar Khan	Asst. Professor, Anwarul College of PG Studies, Hyderabad.
10	Ms. Naveed Sultana	Lecturer, Anwarul Uloom College, Hyderabad.
11	Dr. Mahboob Basha	Asst. Prof., Maulana Azad National Urdu University, Hyderabad
12	Prof. Salman Ahmed Farooqui	Maulana Azad National Urdu University, Hyderabad

13. Mrs ASMA PARVEEN LECTURER - AUC - Asma

*Handwritten signature*

**K. Felix**  
Head of the Department  
Department of Studies  
DEPT. OF HISTORY  
Anwarul-Uloom College,  
New Malapally, Hyderabad

# ANWARUL ULOOM COLLEGE (Autonomous)

(An Autonomous Muslim Minority Institution)  
 No. 10, Mansabpalle, Hyderabad - 500001, T.S., India  
 (Affiliated to Osmania University)



## Faculty of Social Sciences Department of History

B. A. (History, Political Science & Modern Language - Urdu)  
 ( 2020 - 21 )

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

( Approved Syllabus for the Academic Year 2020 - 21 )

S. No.	Year	Sem	Paper	Title	Code No.	Inter. Marks	Sem. Marks	Teaching hours	Credit
1	1 <sup>st</sup> Year	I	I	History of India (from earliest times to 700 CE)	1113	15	35	5 Hrs	5
2			AECC - I	Environmental Studies	-	-	50	2 Hrs	2
3	1 <sup>st</sup> Year	II	II	History of India (from 700 - 1526 CE)	1213	15	35	5 Hrs	5
4			AECC - II	Basic Computer Skills	-	-	50	2 Hrs	2
5	2 <sup>nd</sup> Year	III	III	History of India (from 1526 - 1857 CE)	1313	15	35	5 Hrs	5
6			SECC - I	History and Culture of Telangana - I (1500 - 1948 CE)	-	-	50	2 Hrs	1
7	2 <sup>nd</sup> Year	IV	IV	History of India (from 1858 - 1964 CE)	1413	15	35	5 Hrs	5
8			SECC - II	History and Culture of Telangana - II (1724 - 2014 CE)	-	-	50	2 Hrs	1
9	3 <sup>rd</sup> Year	V	V A	History of Modern World (1453 - 1815 CE)	1513 A	15	35	5 Hrs	5
10			V B	Islamic History & Culture (from earliest times to fall of Umayyads)	1513 B	15	35	5 Hrs	5
11			SECC - III	Ancient Civilizations	-	-	50	2 Hrs	2
12			G.E. - I	History of World Tourism	-	-	50	2 Hrs	2
13	3 <sup>rd</sup> Year	VI	VI A	World History (1815 - 1950 CE)	1513 A	15	35	5 Hrs	5
14			VI B	Islamic History & Culture (Rise of Abbasids to Crusades)	1513 B	15	35	5 Hrs	5
15			SECC - IV	Achieves & Museums	-	-	50	2 Hrs	2
16			G.E. - II	Indian National Movement (1857 - 1947 CE)	-	-	50	2 Hrs	2

*Khalid*  
**CHAIRMAN**

Board of Studies,  
 Dept. of History

Anwarul Uloom College,  
 New Market, Mansabpalle, Hyderabad

**ANWARUL ULOOM COLLEGE  
AUTONOMOUS**



**DEPARTMENT OF MATHEMATICS**

**MINUTES OF BOARD OF STUDIES IN  
MATHEMATICS**

**2020-2021**



ANWARUL ULOOM COLLEGE  
(An Autonomous Minority Institution) Malleshpally, Hyd  
2020-2021

Minutes of the meeting of Board of Studies in Mathematics held on Sept 23 2020

The following were present:

1. Prof M.V Ramana Murthy (Osmania University representative) MGIT.Hyd
2. Dr S.Salahuddin (Chairperson B.O.S Anwarul uloom college)
3. Dr.Khaja Moinuddin ,MANNU.Hyd (Subject experts from outside the parent University)
4. Dr.Jafer Sadiq NSAKCE,JNTU,Hyd (Subject experts from outside the parent University )
5. Dr.Rouf Syeed, MJCET,OU (PG meritorious alumnus)
6. Mr M.A Qayyum Sami,Project Manager,IBM,Hyd (Representative from Industry/Corporate sector for placement)
7. Mrs Ayesha Tabassum AUC (Members)
8. Mrs Asma Mateen AUC (Member)
9. Mrs Rizwana Begum AUC (Member)
10. Ms Munawar Sultana AUC (Member)
11. Mrs Ayesha Tarannum AUC (Member)
12. Mr Shaik Abdul Hafeez AUC (Member)
13. Ms.K.Bhavani AUC (Member)
14. Ms Gouthami AUC (Member)

*M.V. Ramana Murthy*

*S.Salahuddin*

*Gouthami*

REC'D  
ANWARUL ULOOM COLLEGE  
NEW MARLANS  
HYDERABAD, AP

Dr Syed Salahudin chaired the meeting.

The following resolutions have been passed

1. CBCS will be adopted for B.Sc I yr, II yr, III yr and M.Sc previous and M.Sc final year of the academic year 2019-2020 on par with Osmania University

2. Add-on course 'Basic Probability and Statistics' approved for B.Sc III year for non-statistics students.

3. IDE course 'Basic Mathematics II' is offered in B.Sc VI semester.

4. (i) That the Osmania University Syllabus will be adopted for B.Sc (I, II and III year) I, II, III, IV, V and VI semester with 30% marks in internal and 70% in semester exam.

(ii) That, the Osmania University syllabus will be adopted for B.Sc I, II, III, IV, V and VI semesters.

(iii) That, the Osmania University syllabus will be adopted for M.Sc (Applied Mathematics) I, II, III and IV semesters propose to change the optional papers in the next B.O.S meeting.

5. Model papers are approved and enclosed

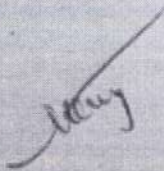
6. Panel of paper setters and examiners are approved and enclosed.

7. Enclosed B.Sc Mathematics and M.Sc (Applied Mathematics) Course Structures.

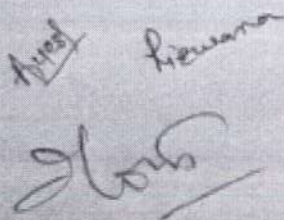
8. Programming in python is suggested as an optional

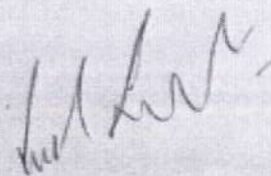
9. It is suggested to include one basic applied mathematics paper namely continuum mechanics or advance complex analysis as one of the compulsory course or optional course.

10. B.Sc (M.P.C.B) may be offered as co-educational course









Head Dept of Mathematics  
Anwarul-Uloom College  
New Malapally  
HYDERABAD-I, A.P



Panel of Paper Setters and Examiners for B.Sc / M.Sc Applied Mathematics

1. Prof J. Anand Rao	HoD (O.U)
2. Prof N. Kishan	chairman, B.O.S., (O.U)
3. Dr. Khaja Moineuddin	MANNU.
4. Dr. B. Surender Reddy saifabad	P.G Science college. <i>Approved</i>
5. Ms Ayesha Tabassum	A.U.C
6. Dr. Hari Singh	O.U
7. Dr. G. Kamala	O.U
8. Prof. G. Laxma Reddy	HCU. Hyderabad
9. Prof M.V. Ramana Murthy	MJIT Gandipet, Hyderabad.
10. Ms. Rizwana Begum	A.U.C <i>Rizwana</i>
11. Dr. Y. Rameshwar	University college of Engg. (OU).
12. Dr. Waseem Raja	MANNU
13. Dr. Jafer Sadiq Prof & HOD	NSAKCET
13. Ms. Asma Mateen Hussain	A.U.C <i>AS</i>
14. Ms Munawwar Sultana	A.U.C
15. Mr Khasim	NSAKCET, JNTU
16. Mr Toufeeq Osman	NSAKCET, JNTU
17. Mr Shaik Abdul Hafeez	A.U.C <i>SH</i>
18. Dr Shamsunder	O.U womens college, Koti
19. Dr Phaninder	OUCE. Univ campus
20. Dr. B. Krishna Reddy	O.U Dept. of Mathematics
21. Dr. Mohammed Ali	Lords Engg. College, Himayat Sager.
22. Dr. Riyazuddin	KMIT Narayan Guda Hyderabad
23. Dr. N.L. Bikshu	KMIT Narayan Guda Hyderabad

*Ueddy*

*Shouh*

Head of Department  
Awaraz College  
Mallepally  
Hyderabad, A.P.



**ANWARUL ULOOM COLLEGE (AUTONOMOUS)**

NEW MALLEPALLY, HYDERABAD  
AFFILIATED TO OSMANIA UNIVERSITY  
(ACCREDITED WITH NACC WITH A- GRADE)



**BOS MEETING**

**B. Sc. (MICROBIOLOGY)**

**ACADEMIC YEAR - 2020-2021**

**I, II & III YEAR**

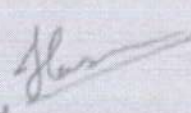
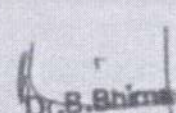
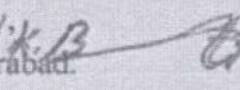
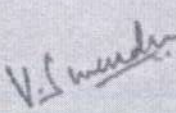
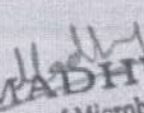
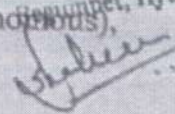
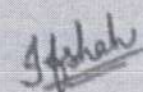
**CHOICE BASED CREDIT SYSTEM (CBCS)**



## MICROBIOLOGY

The Board of Studies meeting for the year 2020-2021 of the department of microbiology, Anwarul Uloom College (Autonomous), Mallepally, Hyderabad was held on 12-10-2020 in the Department of Microbiology, Osmania University, Hyderabad.

### FOLLOWING MEMBERS WERE PRESENT:

1. Ms. Hasana Khatoon  
Chairperson Board of Studies  
HoD, Microbiology,  
Anwarul Uloom College, Hyderabad. 
2. Dr. Bhukya Bhima  
VC's Nominee, Associate Professor,  
Microbiology,  
Osmania University, Hyderabad.   
Dr. B. Bhima  
Chairman, BoS  
Dept. of Microbiology  
Osmania University, Hydr
3. K. Bharati Bai  
Subject Expert & HOD Microbiology,  
Avanthi Degree & PG College Hyderabad. 
4. V. Surender  
Subject Expert & HOD Microbiology,  
Bhavan's New Science Degree & PG  
College, Narayanguda,  
Hyderabad. 
5. Ms. A. Madhuri  
Government Degree College For Women,  
Begumpet, Hyderabad.   
A. MADHUR  
Department of Microbiology  
Government Degree College For Women  
Begumpet, Hyderabad - 500016
6. Mrs. Shakeera Banu  
Assistant Professor in Microbiology,  
Anwarul Uloom College (Autonomous),  
Hyderabad. 
7. Iffath Shaheen  
Ex - Students,  
Persuing M.Sc (Biotech) at AUC,  
Hyderabad. 



ANWARUL ULOOM COLLEGE (AUTONOMOUS)  
DEPARTMENT OF MICROBIOLOGY

AGENDA OF MEETING

- 1) To approve the syllabus of all I, II & III Year
- 2) To approve the model question papers
- 3) To approve the panel of examiner for theory and practical Examinations
- 4) Approval of AECC, ADD on & IDE Course.
- 5) Any other matter with the permission of chair.

*[Handwritten signatures and stamps]*

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*

**MADHURI**  
Department of Microbiology  
Anwarul Uloom College For Women (A)  
K. J. Somayajulu, Hyderabad - 500016

**Dr. B. Bhims**  
Chairman, BOS  
Dept. of Microbiology  
Osmania University, Hyd.

*[Signature]*

*[Signature]*

*[Signature]*



ANWARUL ULOOM COLLEGE (AUTONOMOUS)

B. Sc (MICROBIOLOGY)

MINUTES OF THE MEETING

The Board of Studies meeting for Microbiology was held on 12-10-2020 at 2:00pm, Hyd in the Dept. of Microbiology, Osmania University, Hyderabad. The following resolutions were taken.

It was resolved that:

- **The syllabus for I, II, III Year Theory was approved**
- **The syllabus for I, II, III Year Practical was approved**
- **The model papers for all papers were approved**
- **The panel for paper setting and valuation was approved**
- The panel of external examiners for practical exam was approved
- **Syllabus and model paper for AECC, ADD ON & IDE was approved.**

*K B*  
*M. Srinivas*

*Madhury*

**Dr. A. MADHURI**  
Head, Department of Microbiology  
Government Degree College For Women (A)  
Begumpet, Hyderabad - 500016

*Dr. B. Bhima*  
*Chairman, BoS*  
*Dept. of Microbiology*  
*Osmania University, Hyd.*

*Shan*  
*Spahar*



# **ANWARUL ULOOM COLLEGE** **( Autonomous )**

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



**Faculty of Science**

## *Department of Nutrition & Dietetics*

**Board of Studies in Nutrition & Dietetics**

**Academic Year 2020 - 21**



## **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**

### **A g e n d a**

1. Approval of Syllabus for Under Graduate Nutrition and Dietetics.
2. Approval of allotment of Internal Marks
3. Approval of model Question Papers for Internal Assessment theory and Practical
4. Approval of Panel of External Examiners / Valuers ( Theory and Practicals)





## Anwarul Uloom College (Autonomous)

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

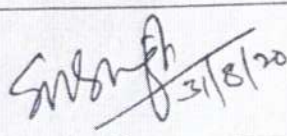
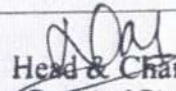
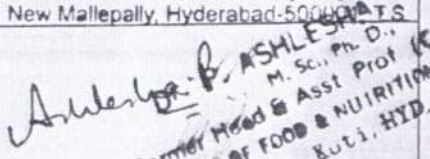


### Faculty of Science

### Department of Nutrition & Dietetics

( 2020 – 21)

Minutes of the members of the Board of Studies of B.Sc. Nutrition & Dietetics held on 31st AUG 2020 in the staff room of Department of Nutrition & Dietetics. The following faculty members from the Department of Nutrition & Dietetics were present and discuss the Agenda of the meeting.

S. No.	Faculty Name	Designation	Signature
1	Prof. Surya Satyanarayan Singh	V C Nominee, Asst. Professor, Department of Nutrition & Dietetics, Department of Biotechnology, O U, Hyderabad.	 31/8/20
2	Mrs. Nazia Mohammadi	Chairman Board of Studies and H O D(UG), Nutrition & Dietetics, AUC, Hyderabad,	 Head & Chairman Board of Studies Department of Nutrition & Dietetics Anwarul-Uloom College New Mallepally, Hyderabad-500047
3	Dr. Ashlesha P	Subject Expert, Asst Prof., Department of Nutrition & Dietetics University College for Women, Koti, Hyderabad, Member	 ASHLESHA P. M. Sc., Ph. D., Former Head & Asst Prof (U) DEPT. OF FOOD & NUTRITION O.U.C.W., Euti. HYD.
4	Mrs. Meena Patangey	Subject Expert, Asst Prof., Department of Nutrition & Dietetics St. Ann's College, Mehdiapatnam, Hyderabad,	Online Confirmation attached.

		Member	
5	Dr. M. Radhika	Scientist – E, Clinical Division, National Institute of Nutrition, Tarnaka, Hyderabad, Member	M. S. Radhika
6	Mrs. Sujatha Stephens	HOD, Consultant Dietician, Department of Clinical Nutrition & Dietetics, Yashodha Hospital, Hyderabad, Member	Sujatha
7	Ms. Shireen Fatima	Alumini, A U C, Hyderabad, Member	Shireen Fatima
8	Ms. Samreen Fatima	Asst. Prof. Nutrition & Dietetics, A U C, New Mallepally, Hyderabad, Member.	Samreen Fatima
9	Ms. Afreen Fatima	Asst. Prof. Nutrition & Dietetics, A U C, New Mallepally, Hyderabad, Member.	Afreen fatima
10	Ms. Raheem Unissa	Asst. Prof. Nutrition & Dietetics, AUC, New Mallepally, Hyderabad, Member	Raheem Unissa



## MINUTES OF MEETING

Board of Studies began with the welcome address by Mrs. Nazia Mohammadi, Head of UG Department of Nutrition and Dietetics, Anwarul Uloom P G College, New Mallepally, Hyderabad.

The Syllabus to be approved was circulated to all the Board Members and the following resolutions were passed.

- Resolved to approve the Syllabus for Under Graduate Nutrition & Dietetics
- Resolved to change the first year syllabus, for the academic year 2020-21 in accordance with University syllabus.
- Resolved to include 'Introduction to Foods & Nutrition' for First Semester and 'Nutritional Biochemistry and Human Physiology' for second semester
- Resolved to include RDA for Carbohydrate, RDA for Protein, remove 'Synthesis of Fatty acids, Deamination, Transamination, Basic steps in Protein synthesis, Mechanism of Enzyme Action, Secretion of Hormones
- Resolved to include only Gastrointestinal Hormones, Insulin, Glucagon, Reproductive Hormones, Thyroid Hormones – T3, T4, TSH
- Resolved to allot 10 Marks for Internal Assessment ( Average of Internal Assessment I and II) and 5 Marks for Assignment (Total 15 Marks)
- Resolved to approve and accept the model Question Papers for Practical Examinations.
- Resolved to approve the Panel of Examiners as well as Paper Setters / Valuers / External Examiners ( Theory and Practical)
- Resolved to conduct Practical Examinations at the end of Each Semester.
- Resolved to approve the syllabus with alterations and modification as required to cater to the curricular need of the Students and as per **Autonomy Status.**



*Ashlesh P*  
DR. P. ASHLESH  
M Sc., Ph. D.,  
Former Head & Asst Prof (C)  
DEPT OF FOOD & NUTRITION  
O.U.C.W., Enti. HYD.

*Nazia*  
Head & Ch:  
Board of Stu  
Department of Nutrition  
Anwarul-Uloom Co:  
New Mallepally, Hyderabad-500



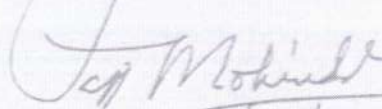
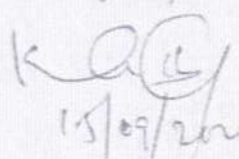
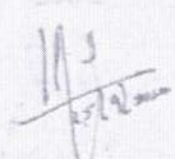

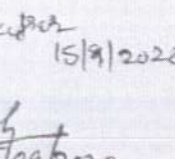
ANWARUL ULOOM COLLEGE  
(AN AUTONOMOUS MINORITY INSTITUTION)

Affiliated To Osmania University  
MALLEPALLY, HYDERABAD-500 001.

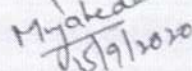
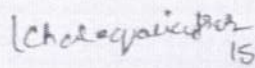
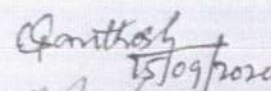
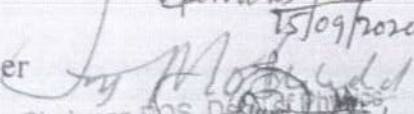
MINUTES OF MEETING OF BOARD OF STUDIES IN PHYSICS

The meeting of the Board of Studies in Physics was conducted  
in the Physics Department, Anwarul Uloom College, Mallepally,  
Hyderabad on 15-09-2020 at \_\_\_\_\_.

The meeting was attended by

1. Prof. Mir Sajjad Mohiuddin Ali Khan ..... Chairman  
Head, Department of Physics, A.U.C. 
2. Dr. Kaleem Ahmed Jaleeli ..... Member  
Assistant Professor in Physics, University  
Nizam College, Hyderabad. Representative 
3. Dr. Khalid Muzaffar UL Zafar, ..... Member  
Reader in Physics, Subject Expert  
MANUU Hyderabad. 
4. Dr. H. Aleem Basha ..... Member  
Head, Department of Physics, Subject Expert  
MANUU Hyderabad. 
5. Mr. Mohd Altaf ..... Member  
Manufacturer of Interior Representative from industry/  
Decoration Goods. Corporate sector/ allied area.
6. Dr. M.A. Malik ..... Member  
Principal Deccan Engineering College, Post Graduate  
Hyderabad. Meritorious Alumini 

MEMBERS FROM THE COLLEGE

7. Ms. Mujaheda Sultana ..... Member  
Lecturer in Physics 
8. Mr. Khaleq Ali Afsar ..... Member  
Lecturer in Physics 
9. Mr. G. Santhosh ..... Member  
Lecturer in Physics 
10. Ms. Bushra Begum ..... Member  
Lecturer in Physics 



# AGENDA

1. Approval of Syllabus, Model Question Papers and Panel of Examiners for B.Sc. (Physics) I, II, III, IV, V and VI Semester theory and practical's for the academic year 2020-2021.
2. Approval of Syllabus, Model Question Papers and Panel of Examiners for M.Sc. (Physics) I, II, III and IV Semester theory and practical's for the academic year 2020-2021.
3. Approval of AECC courses syllabus, Model Question Papers and Panel of Examiners for B.Sc. I year (I and II Semester) in Physics for the Academic year 2020-2021.
4. Approval of SECC courses syllabus, Model Question Papers and Panel of Examiners for B.Sc. II year (III and IV Semester) in Physics for the Academic year 2020-2021.
5. Approval of SECC & GE courses syllabus, Model Question Papers and Panel of Examiners for B.Sc. III year (V and VI Semester) in Physics for the Academic year 2020-2021.
6. Approval of ADD-ON and IDE courses syllabus, Model Question Papers and Panel of Examiners for M.Sc. I and II year (I, II, III and IV Semester) in Physics for the Academic year 2020-2021.
7. Any other matter with the permission of chair.

For *[Signature]*

Chairman BOS, Dept. of Physics

ANWAR-UL-ULOOM COLLEGE

Mallepally, Hyderabad

DEPARTMENT OF PHYSICS, ANWAR-UL-ULOOM COLLEGE



**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



BOARD OF STUDIES IN POLITICAL SCIENCE  
ACADEMIC YEAR 2020-21



**ANWARUL ULOOM COLLEGE (AUTONOMOUS)**

(An Autonomous Muslim Minority Institution)

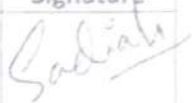
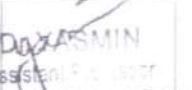





New Mallepally, Hyderabad 500001 T.S., India

(Affiliated to Osmania University)

**Faculty of Social Sciences  
Department of Political Sciences**

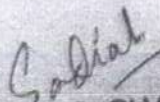
Minutes of the Board of Studies of B.A Political Science held on

The following members from the Department of Political Science were present.

S.NO	Faculty Name	Designation	Signature
1	Mrs. Asma Sadiah	Chairperson, Head of the Department, Political Science, AUC, Hyderabad.	
2	Dr. Yasmin	Osmania University Nominee, Professor, Osmania University P.G College, Hyd.	 Dr. YASMIN Assistant Professor Department of Political Science Osmania University, Hyderabad.
3	Prof. Afroz Alam	Subject Expert, Prof. HOD, Political Science, MANUU, Hyderabad	
4	Ms. Shabana Farheen	Subject Expert, Asst. Prof, HOD, Political Science, MANUU, HYD.	
5	Mr. Kaleem Ahmad	Industrial Expert – Owner of Manufacturing unit of Leather goods	
6	Kaneez Saria	Lecturer, AUC, Hyderabad	
7	Mrs. Arshia Siddiqua	Lecturer, AUC, Hyderabad	
8	Dr. Islamuddin Mujahid	Alumnus Urdu Arts College, Himayath nagar	

The Department of Political Science adopted CBCS pattern for all six semesters of B.A, during the academic year 2015 onwards.

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

  
HEAD & CHAIRMAN  
BOARD OF STUDIES  
DEPT. OF POLITICAL SCIENCE  
ANWARUL ULOOM COLLEGE (AUTONOMOUS)  
HYDERABAD.



## ANWARUL ULOOM COLLEGE (AUTONOMOUS)

(An Autonomous Muslim Minority Institution)

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

(Affiliated to Osmania University)

### AGENDA


- Approval of syllabus for B.A. (Political Science) – I, II, III, IV, V & VI Semester for the academic year 2019-20.
- Adoption of the changed DSC (Discipline Specific Course) for BA political science I and 2<sup>nd</sup> Semester, 2019-2020.
- Adoption of the AECC-I (Environmental Studies) and AECC-II (Basic Computer Skills) for BA 1<sup>st</sup> year Semester I & II for the year 2018-19 onwards in place of ADD-ON IDE and Foundation courses.
- Adoption of choice based credit system (CBCS) for III & IV semesters with SEC-1 course as "Emancipation of women" and "Caste system in India" as SEC 2 for the year 2019-20.
- Adoption of CBCS for V & VI semesters with ADD-ON Course as "Reform movements in India" and "Women studies and introduction" as IDE for the year 2017-18.
- Approval of Model Question Paper 35/14Marks, 30% for Internal Assessment i.e. 15 marks in each semester for CBCS.
- Approval of panel of the Paper Setters and Examiners for B.A.(PS) – I, II, III, IV, V, VI Semester.

### RESOLUTIONS:

The following resolutions are adopted.

- Resolved to approve the proposed CBCS syllabus for B.A. (PS) – I, II, III, IV, V, VI Semester for the Academic Year 2019-20.
- Resolved to approve the proposed changed CBCS syllabus for B.A. (PS) – I, II for the academic year 2019-2020.
- Resolved to approve the proposed Model Question Paper for B.A. (PS) – I, II, III, IV, V, VI Semester.
- Resolved to approve the proposed panel of Paper Setters and Examiners for B.A. (PS) – I, II, III, IV, V, VI Semester.
- Resolved to approve the proposed Add-on and IDE Courses Syllabus for B.A. (PS) – I, II, III, IV, V and VI Semester for the Academic Year 2018-19.
- Resolved to approve the proposed AECC-I (Environmental Studies) and AECC-II (Basic Computer Skills) for semester I and II BA 1<sup>st</sup> year for the Academic Year 2018-19.
- Resolved to approve the proposed (HPML) course for B.A.(P.S) to continue from the academic year 2020-21 onwards.

  
**HEAD & CHAIRMAN**  
BOARD OF STUDIES  
DEPT. OF POLITICAL SCIENCE  
ANWARUL ULOOM COLLEGE (AUTONOMOUS)  
HYDERABAD.

  
**University Nominee**  
**Board of Studies in Political Science**

**Dr. YASMIN**  
Assistant Professor  
Department of Political Science  
Osmania University, Hyderabad.

## MINUTES OF THE MEETING - 2020-21

Following are the minutes of the BOS meeting , held on 2020-21.

- The department of political science has conducted meeting for the approval of the syllabus of B.A, semester I , II , III, IV, V &VI for the academic year 2020-21.
- Approved the proposed CBCS syllabus B.A (P.S)-I, II,III,IV,V& VI semester for the academic year 2020-21.
- Approved the changed CBCS syllabus for P.S- I & II semester for the academic year 2020-21.
- Approved the proposed model question paper for B.A (P.S) –I, II, III, IV, V, & VI semester.
- Approved the proposed panel of paper setter & examiners for B.A ( P.S) – I, II, III, IV, V & VI semesters.
- Approved the proposed Add- On & IDE courses syllabus for B.A (P.S) 3<sup>rd</sup> year V & VI semesters & SEC for 2<sup>ND</sup> YEAR III & IV semester for the academic 2020-21.
- Approved the proposed AECC-I(Environmental Studies) & AECC II ( Basic Computer Skills) for semester I & II B.A 1<sup>st</sup> year for the academic year 2019-20.
- Some changes has made in the meeting ,held on 6<sup>th</sup> September 2019-20 (Approaches are replaced by the concepts of Liberty , Equality , Justice & added Marxism, Power), as suggested by V.C Nominee Dr.Yasmin.
- The combination of ( HPML) to be continued for the academic year 2020-21 onwards.

HOD, (Pol.Sc)

*Sodra*

HEAD & CHAIRMAN  
BOARD OF STUDIES  
DEPT. OF POLITICAL SCIENCE  
ANWARUL ULOOM COLLEGE (AUTONOMOUS)  
HYDERABAD.

*Yasmin 22/09/2020*  
V.C Nominee  
Dr. YASMIN  
Assistant Professor  
Department of Political Science  
Osmania University, Hyderabad.





**ANWARUL ULOOM COLLEGE (Autonomous)**

(An Autonomous Muslim Minority Institution)  
New Mallepally, Hyderabad - 500 001, Telangana, India



**Faculty of Social Sciences  
Department of Public Administration**

**BOARD OF STUDIES IN PUBLIC ADMINISTRATION  
(CBCS)  
Academic Year 2020-2021**

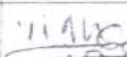
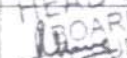

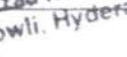


**ANWARUL ULOOM COLLEGE(Autonomous)**

(An Autonomous Muslim Minority Institution)  
New Mallepally, Hyderabad - 500 001, Telangana, India

**Faculty of Social Sciences**  
**Department of Public Administration**  
2020- 2021

Minutes of the meeting of the Board of Studies for B.A I, II and III year Public Administration held on 15-9-2020 at Arts College, Osmania University.

The following faculty members of the department were present:

S.No.	Name of the Faculty Members	Designation	Signature
01.	Mrs. Viqar Unnisa	Chairperson, BOS, A.U.C	
02.	Prof. Ravinder Kaur	Professor Department of Public Administration OU. (Nominated by V.C OU)	 Department of Public Administration Osmania University, Hyderabad.
03.	Prof. Mrs. Kaneez Zehra	Associate Professor Dept. of Pol. Sc & Public Administration, MANUU (Subject Expert - I)	 Dept. of Public Administration Maulana Azad National Urdu University Gachibowli, Hyderabad 500 042
04.	Dr. S. Najiullah	Asst. Professor Department of Public Administration, MANUU, Hyd. (Subject Expert - II)	
05.	Mrs. Nahid	Lecturer Department of Political Science Shadan Degree College.(Alumnae)	
06.	Mr. Abdullai Zahid	Manufacturing Unit of Leather Goods (Industrialist)	

The Department of Public Administration adopted CBCS Pattern for 1st to VI semesters. And adopted to introduce Skill Enhancement Course (Add-on) in I, III and V Semesters. And General Elective (IDE) for II, IV and VI semesters of B.A Courses

**ANWARUL ULOOM COLLEGE (Autonomous)**

(An Autonomous Muslim Minority Institution)  
New Mallepally, Hyderabad – 500 001, Telangana, India

**RESOLUTIONS: THE FOLLOWING RESOLUTIONS WERE ADOPTED**

1. Resolved to approve the CBCS Syllabus for B.A. (Pub. Administration) I, II, III, IV, V & VI Semesters along with model question paper.
2. Resolved to approve (CBCS) for B.A I to II Semesters AECCC-I (Environmental Studies) and AECCC-II (Basic Computer Skills) for B.A I year I & II Semester from 2019-2020 onwards.
3. Resolved to approve for B.A III semester SEC- I as **“Local Self Government”** and **“Public Relations”** as SEC- II for IV Semester from 2019-2020 onwards.
4. Resolved to approve the proposed syllabus for B.A. V Semesters, (GE- 1) as **“Social Reforms Movement in India”** and **“Telangana Movement”** as (GE-2) for the year 2020-2021.
5. Resolved to approve the proposed syllabus for I to VI semester along with model questions.
6. Resolved to approve list of the Examiners and paper setter for I, II, III, IV, V& VI Semesters.

University Nominee  
Board of Studies in Public Administration



# ANWARUL ULOOM COLLEGE

(Autonomous)

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



**FACULTY OF ARTS**  
**DEPARTMENT OF TELUGU**

**BOARD OF STUDIES IN TELUGU**

**ACADEMIC YEAR 2020-21**

# ANWARUL ULOOM COLLEGE

(Autonomous)

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



## FACULTY OF ARTS DEPARTMENT OF TELUGU ACADEMIC YEAR 2020-21

Minutes of the members of the Board of Studies of Urdu and held on September 14<sup>th</sup> 2020 the following Faculty members from the Department of History were present.

S.No.	Faculty Name	Designation	Signature
	P. Siva Kumar	Asst. Professor	
02.	Dr. Mityananda Rao	Professor, BOS of Telugu Osmania University, Hyderabad	
03.	Dr. G. Jalandher Reddy	Associate Professor in Telugu & Head of the Department, A.V. College, Hyderabad	
03.	Dr. Narayana Murthy	Associate Professor in Telugu, Badruka College of Commerce, Kachiguda, Hyderabad	
04.	Dr. Jani Basha	Alumnus (Member)	
05.	Dr. Shaik Yakoob	Head of the Department and Chairperson, Board of Studies, Anwarul Uloom College, New Mallepally, Hyderabad	

The Department of Telugu, adopted CBCS Pattern for Under Graduate 1<sup>st</sup> and 2<sup>nd</sup> years (I, II, III & IV- Semesters). The Department also adopted to Introduce Add- on course for I & III - Semesters and IDE - Course for II & IV - Semesters of Telugu Course.

## AGENDA

1. Approval of Syllabus for Degree 1<sup>st</sup> and 2<sup>nd</sup> years (Comprising I & II – Semesters in 1<sup>st</sup> year, II & IV – Semesters in 2<sup>nd</sup> year) for the Academic year 2020-21
2. Approval of Model Question Paper for Degree 1<sup>st</sup> and 2<sup>nd</sup> years (Comprising I & II – Semesters in 1<sup>st</sup> year, II & IV – Semesters in 2<sup>nd</sup> year) for the Academic year 2020-21
3. Approval of Panel of Examiners and Paper Setters for Degree 1<sup>st</sup> and 2<sup>nd</sup> years (Comprising I & II – Semesters in 1<sup>st</sup> year, II & IV – Semesters in 2<sup>nd</sup> year) for the Academic year 2020-21
4. Approval of Syllabus for ~~ABC~~ i/ii Courses and ~~SEC~~ i/ii Courses of Degree 1<sup>st</sup> and 2<sup>nd</sup> years (Comprising I & II – Semesters in 1<sup>st</sup> year, II & IV – Semesters in 2<sup>nd</sup> year) for the Academic year 2020-21

*[Handwritten signature]*

V. NITHYANANDARAO  
Professor, Dept. of Telugu  
Osmania University  
Hyderabad 500007, Telangana State



**Resolutions:** The Following resolution were adopted

1. Resolutions to approval the proposed Syllabus for Degree 1<sup>st</sup> and 2<sup>nd</sup> years (Comprising L&II – Semesters in 1<sup>st</sup> year, II & IV – Semesters in ~~2<sup>nd</sup>~~ year) for the Academic year 2020-21.
2. Resolutions to approval of Model Question Paper for Degree 1<sup>st</sup> ~~and 2<sup>nd</sup>~~ years (Comprising I & II – Semesters in 1<sup>st</sup> year, II & IV – Semesters in ~~2<sup>nd</sup>~~ year) for the Academic year 2020-21.
3. Resolutions to approval the proposed Panel of Examiners and Paper Setters for Degree 1<sup>st</sup> and 2<sup>nd</sup> years (Comprising I & II – Semesters in 1<sup>st</sup> year, II & IV – Semesters in 2<sup>nd</sup> year ) for the Academic year 2020-21.
4. Resolved to approval of Syllabus for Add – on Courses for I & III – Semesters and I D E Courses for II & IV – Semesters of Telugu Course for year 2020-21.



**Chairman**  
**Board of Studies in Telugu**

Dr. V. NITHYANANDARAO  
Professor, Dept. of Telugu  
Osmania University  
Hyderabad-500007, Telangana, India

tu

# ANWARUL ULOOM COLLEGE (Autonomous)

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



## Faculty of Arts

### Department of Urdu (2020 - 21)

Minutes of the members of the Board of Studies of Urdu and held on 15 June 2021. The following faculty members from the Department of URDU were present.

S. No.	Faculty Name	Designation	Signature
1	Dr. Mohd. Naseeruddin	H O D and Chairperson, Board of Studies, Department of Urdu, A U C, New Mallepally, Hyderabad	
2	Dr. Mohd. Nazeer	H O D, Urdu, University College for Women's, Koti, Hyderabad	
3	Prof. Mohd. Naseemuddin Farees	Head of the Department of Urdu, M A N N U, Hyderabad, Dean, School of Languages, Linguistics & Endology	
4	Dr. Bibi Raza Khatoon	Associate Professor & H O D, Urdu M A N N U, Hyderabad	
5	Dr. Noori Khatoon	Asst. Professor in Urdu, University College for Women, Koti, Hyderabad	
6	Ms. Talath Begum	Asst. Professor in Urdu, Anwarul Uloom College, Hyderabad	
7	Dr. Abdul Mughni Siddiqui	Asst. Prof. in Urdu, A U C, New Mallepally, Hyderabad	
8	Dr. Wajida Begum	Asst. Prof. in Urdu, A U C, New Mallepally, Hyderabad.	

The Department of Urdu adopted C B C S pattern for all the Semesters i.e. I, II, III and IV – Semesters (Second Language Urdu) and I, II, III, IV, V & VI – Semesters (Modern Language Urdu). The pattern is based on the C B C S of University Grant Commission ( U G C ). The Department also adopted to introduce AECC – I course for I – Semester, SECC – I for III – Semester, Add – on for V – Semester while AECC – II – course for II – Semester, SECC – II for IV – Semester, I D E course for VI – Semester for both Second Language Urdu and Modern Language Urdu.

## A g e n d a

1. Approval of minutes of Syllabi of Degree I to IV – Semesters of (Second Language Urdu) and I to VI – Semesters of (Modern Language Urdu) for the academic year 2020 – 21.
2. Approval of Syllabus for Second Language Urdu ( I to IV – Semesters) for the academic year 2020 – 21.
3. Approval of Syllabus for Modern Language Urdu ( I to VI – Semesters ) for the academic year 2020 – 21.
4. Approval of Syllabus for Add – on courses ( I, III & V – Semesters) for the academic year 2020 – 21 in Second Language Urdu and Modern Language Urdu.
5. Approval of Syllabus for I D E courses ( II, IV & VI – Semesters) for the academic year 2020 – 21 in Second Language Urdu and Modern Language Urdu
6. Approval of Model Question paper for Degree – I, II, III & IV Semesters for Second Language Urdu in C B C S pattern for the academic year 2020 – 21.
7. Approval of Model Question paper for Degree – I, II, III, IV, V & VI – Semesters for Modern Language Urdu in C B C S pattern for the academic year 2020 – 21
8. Approval of Panel of Paper Setters and Examiners for Second Language Urdu – I, II, III & IV – Semesters for the academic year 2020 – 21 and for Modern Language Urdu – I, II, III, IV, V & VI – Semesters for academic year 2020 – 21.

  
Chairman & Head



9. Approval for Certificate course for InPage Urdu (Degree) for academic year 2020 – 21.

10. Approval of Certificate course for Urdu Language for the academic year 2020 – 21.

**Resolutions:** The following resolutions were adopted.

1. Resolved to approve minutes for the academic year 2020 – 21.
2. Resolved to approve the proposed syllabus for Degree Second Language Urdu for I to IV – Semesters.
3. Resolved to approve the proposed syllabus for Degree Modern Language Urdu for I to VI – Semesters.
4. Resolved to approve Model Question paper for Degree – I, II, III & IV Semesters for Second Language Urdu.
5. Resolved to approve Model Question paper for Degree – I, II, III, IV, V & VI – Semesters for Modern Language Urdu.
6. Resolved to approve the Syllabus for A E C C – I / A E C C – II / S E C C – I / S E C C – II courses ( I to IV – Semesters) for the academic year 2020 – 21 in Second Language Urdu and Modern Language Urdu.
7. Resolved to approve the Syllabus for the S E C C – III / S E C C – IV / G E – I / G E – II courses (V & VI – Semesters) for the academic year 2020 – 21 in Modern Language Urdu

Chairman  
Board of Studies in Urdu

Chairman & Head  
Board of Studies  
Anwar-ul-Uloom College Multan  
Multan



# Anwarul Uloom College (Autonomous)

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



## Faculty of Science Department of Zoology


( 2020 - 21 )

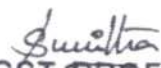
Minutes of the members of the Board of Studies of B.Sc. Zoology held on \_\_\_\_\_ in the staff room of Department of Zoology. The following faculty members from the Department of Zoology were present and discuss the Agenda of the meeting.

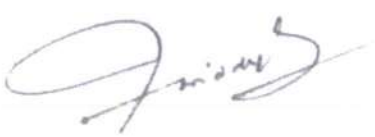
S. No.	Faculty Name	Designation	
1	Dr. Rafath Yasmeeen	V C Nominee, Asst. Professor, Department of Zoology, University College of Science, O. U., Hyderabad.	 Dr. RAFAATH YASMEEN Assistant Professor Department of Zoology University College of Science Osmania University, Hyderabad-500 007
2	Dr. Akhter Ali Siddiqui	Chairman Board of Studies and H O D, Zoology, A U C, Hyderabad,	
3	Ms. Maliha Afshan	Asst Prof., Zoology A U C, Hyderabad, Member	
4	Mr. Mirza Shafeeq Baig	Asst Prof., Zoology A U C, Hyderabad, Member	
5	Ms. Rizwana Begum	Asst Prof., Zoology A U C, Hyderabad, Member	
6	Dr. Arif Ahmed	Subject Expert, Asst. Prof. of Zoology, MANUU, Hyderabad	 DR. ARIF AHMED Professor Department of Zoology MANUU, Hyderabad
7	Dr. Kaiser Jamil	H O D, Department of Genetics, Mahavir Research Center and Hospital Industrialist, Member	
8	Dr. P. Vasantha Kumari	Veterinary Asst. Surgeon, Dist. Veterinary Hospital, Member	
9	Mr. Mohd. Ghousuddin	Alumni, Govt. City College, Hyderabad	
10	Dr. G. Sunitha Devi	Subject Expert, Asst. Prof. Zoology, University College of Science, Osmania University, Hyd.	 ASST. PROFESSOR Department of Zoology University College of Science Osmania University, Hyd-07.

## Agenda

1. To confirm the Minutes of the Board of Studies held in the previous Academic year 2019 – 20.
2. To restructure the theory and practical syllabi of I – Semester and II – Semester in accordance with CBCS system from 2020 – 21.
3. To approve the Syllabi of V – Semester and VI – Semesters in accordance with CBCS system.
4. To approve the model papers of theory and practical of I to VI – Semesters in accordance with CBCS system.
5. To approve the introduction of Syllabi for Add-on course and Inter Disciplinary electives for V – Semester and VI – Semesters.
6. To approve the model papers of Add-on course and Inter Disciplinary electives for V – Semester and VI – Semester.
7. To approve the model papers of theory and practical of Certificate course in the Clinical Laboratory Techniques.
8. To approve the pattern of distribution of Internal Assessment marks for Semester under CBCS system.

  
**Dr. RAFATH YASMEEN**  
 Assistant Professor  
 Department of Zoology  
 University College of Science  
 Osmania University, Hyderabad-500 007.

  
**ASST. PROFESSOR**  
 Department of Zoology  
 University College of Science  
 Osmania University, Hyd-07.


  
**HEAD**  
 Department of Zoology  
 Anwar-ul-Uloom Centre (Autonomous)  
 Mallepally, Hyderabad-T.S.


  
**DR. ARIF AHMAD**  
 Assistant Professor  
 Department of Zoology  
 U.C.S., Hyderabad.

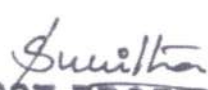


## Resolutions

1. It was resolved to confirm the minutes of the Board of Studies of the previous year 2018 – 19.
2. It was resolved to re-structure the theory and practical syllabi of I – Semester and II – Semester in according with CBCS system.
3. To was resolved to bring about changes in the content of the syllabi of theory and practical of the III – Semester and IV – Semester in according with CBCS system.
4. It was resolved to approve the model papers of theory and practical of I – Semester and II – Semester in according with CBCS system.
5. In was resolved to approve the introduction of Syllabi of Aquarium keeping as Add-on course and Bio-diversity conservation and Eco-Tourism as Inter – Disciplinary electives in V – Semester and VI – Semester respectively.
6. It was resolved to approve the model papers of theory and practical of Certificate course in Clinical Laboratory Techniques.
7. It was resolved that for I to VI – Semesters (Theory), each 15 marks are allocated out of which 5 marks for assignment (5 questions of 1 mark each) and average of 10 marks for 2 internal assessment tests each (10 MCQ's of ½ marks each and 10 marks for Fill in the Blanks of ½ marks each).
8. It was resolved to approve the panel of Examiners.

  
**Dr. RAFATH YASMEEN**  
 Assistant Professor  
 Department of Zoology  
 University College of Science  
 Osmania University, Hyderabad - 500 007.

  
**Dr. ARIF AHMAD**  
 Assistant Professor  
 Department of Zoology  
 MANUU, Hyderabad.

  
**ASST. PROFESSOR**  
 Department of Zoology  
 University College of Science  
 Osmania University, Hyd-07.

  
**HEAD**  
 Department of Zoology  
 (Autonomous)  
 Hyderabad-T.S.