University of Delhi
Academic Branch-I

Reporting item for Executive Council

To report and record the following amendment in the syllabi of the Semester –II under NEP: UGCF 2022

Name of the Discipline for B.A. (Prog.)	Existing Courses offered in B.A. (Program) with Discipline as Major	Proposed Courses to be offered in B.A. (Program) with Discipline as Major	Existing Courses offered in B.A. (Program) with Discipline as Non-Major	Proposed Courses to be offered in B.A. (Program)/ BSc. Physical Sciences/ Mathematical Sciences with Discipline as Non-Major
Sanskrit	1. Sanskrit Prose 2. Sanskrit Drama	No change	1. Sanskrit Prose and Drama	Sanskrit Prose
Urdu	1. Study of Modern Poetry-II 2. Study of Modern Prose-II	1. Urdu-A, Study of Modern Prose and Poetry – II 2. Study of Modern Prose-I	1. Urdu-A, Study of Modern Prose and Poetry-II	No change
Arabic	1. Introductory Arabic-2 2. Arabic: Text, Grammar & Translation-2	No Change	1. Arabic Language-2	Arabic: Text, Grammar & Translation-2
Philosophy	1. Introduction to Indian Philosophy 2. Introduction to Western Philosophy	No change	1. Introduction to Moral Philosophy	Introduction to Indian Philosophy.

Name of the Discipline for B.A. (Prog.)	Existing Courses offered in B.A. (Program) with Discipline as Major	Proposed Courses to be offered in B.A. (Program) with Discipline as Major	Existing Courses offered in B.A. (Program) with Discipline as Non-Major	Proposed Courses to be offered in B.A. (Program)/ BSc. Physical Sciences/ Mathematical Sciences with Discipline as Non-Major
Buddhist Studies	1. Theravada Buddhist Philosophy 2. Mahayana Buddhist Philosophy	No change	1. Facets of Buddhism	Theravada Buddhist Philosophy
Geography	1. Geomorphology 2. Population Geography	No change	1. Human Geography	Population Geography
Economics	1. Introductory Macroeconomics 2. Basic Statistics for Economics	No change	1. Principles of Macroeconomics I	Introductory Macroeconomics
Persian	1. Persian Prose: Some Selections 1. Introduction to Sufistic literature in India	No change	1. Ghazal writing in Persian	Persian Prose: Some Selections
Statistics	1. Probability Theory and Discrete Probability Distributions 2. Random Variables and Continuous Probability Distributions	1. Statistical Methods 2. Applications in Statistics	1. Statistical Methods	No change

Name of the Discipline for B.A. (Prog.)	Existing Courses offered in B.A. (Program) with Discipline as Major	Proposed Courses to be offered in B.A. (Program) with Discipline as Major	Existing Courses offered in B.A. (Program) with Discipline as Non-Major	Proposed Courses to be offered in B.A. (Program) with Discipline as Non-Major BSc. Physical Sciences/ Mathematical Sciences as one of the three Core Disciplines
Operational Research	1. Advanced Linear Programming 2. Statistics	No Change	1. Mathematical Modelling for Business	Advanced Linear Programming

Department of URDU ✓

Credit distribution, Eligibility and Prerequisites of the Course

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical/ Practice		
Study of Modern Prose-I	4	3	1	N.A.	10th Pass	-

Learning Objectives

The Learning Objectives of this course are as follows:
- To give knowledge of contemporary society of India through Urdu fiction and non-fiction.
- To give knowledge of literature such as Afsana, Mazmoon and Inshaiya.
- To give a glimpse of classical literature with special reference to Urdu fiction and non fiction.

Learning outcomes

The Learning Outcomes of this course are as follows:
- Understanding of concepts.
- Exercising concepts through writings.
- Demonstrating conceptual and textual understanding in test and exam.

SYLLABUS OF DSC- 2

MAZAMEEN:

UNIT – I (1-3 Weeks)
1. Prem Chand – Adab ki Gharaz-o-Ghayat   (Matn ki Tadrees)
2. Abdul Haleem Sharar – Guzishta Lucknow   (Matn ki Tadrees)

UNIT – II (4-6 Weeks)
1. Sajjad Haider Yaldram – Mujhe Mere Doston Se Bachao
      (Matn ki Tadrees)
2. Maulana Abul Kalam Azad – Intikhabe Ghubare Khatir
      (Matn ki Tadrees)

AFSANE:

UNIT – III (7-10 Weeks)
5. Prem Chand – Boorhi Kaaki   (Matn ki Tadrees)
6. Krishn Chander – Kalu Bhangi   (Matn ki Tadrees)

UNIT – IV (11-14 Weeks)

7. Saadat Hasan Manto – Khol Do   (Matn ki Tadrees)

8. Rajinder Singh Bedi – Lajwanti   (Matn ki Tadrees)

Practical component (if any) - NIL

Essential/recommended readings
1. Intikhab-e-Nasr Hissa Dom – Uttar Pradesh Urdu Akademi, Lucknow

Suggestive readings (if any)
1. Urdu Afsana Riwayat Aur Masayel – Gopi Chand Narang
2. Urdu Nasr Ka Fanni Irteqa – Dr. Farman Fatehpuri
3. Urdu Essays – Syed Zaheeruddin Madni
4. Arbab-e-Nasr Urdu – Syed Mohammad

DEPARTMENT OF STATISTICS

<div style="border:1px solid">

DISCIPLINE SPECIFIC CORE COURSE – 4:   APPLICATIONS IN STATISTICS

</div>

CREDIT DISTRIBUTION, ELIGIBILITY, AND PRE-REQUISITES OF THE COURSE

Course title & Code	Credits	Credit distribution of the Course			Eligibility Criteria	Pre-requisite of the Course (if any)
		Lecture	Tutorial	Practical/ Practice		
Applications in Statistics	4	3	0	~~Nil~~ 01	Class XII pass with Mathematics	Nil

Learning Objectives:
- Acquaint students with the current official statistical system in India
- Familiarize students with important concepts of Demand Analysis
- Introduction to Utility and Production functions.

Learning Outcomes:
    After taking this paper, the student should be able to:
- Understand the current and prevailing official statistical system in India, role of MoSPI,

CSO, NSSO, and their important publication
- Understand the laws of demand and supply, Price and Income elasticity of demand.
- Differentiate between Partial and Cross Elasticities of Demand, Engel's law, Pareto's law, and different curves of concentration.
- Understand theory of utility function, Utility Curve, Marginal rate of substitution, Budget line, and Construction of Utility Curve.

SYLLABUS OF DSC

Theory

Unit I   (04 Weeks)
Indian Official Statistics
Present official statistical system in India, Methods of collection of official statistics and their reliability and limitations. Role of Ministry of Statistics & Program Implementation (MoSPI), Central Statistical Office (CSO), National Sample Survey Office (NSSO), and National Statistical Commission. Government of India's Principal publications.

Unit II   (04 Weeks)
Demand Analysis
Concept of differentiation and partial differential.
Introduction: Demand and Supply and its laws, Price Elasticity of Demand, Income elasticity of demand, Nature of commodities, Partial and Cross Elasticities of Demand, Types of data required for its estimation, computation of demand function from given price elasticity of demand, Engel's law and Engel Curves, Pareto's law of income distribution, Curves of concentration.

Unit III   (04 Weeks)

Utility Function
Introduction: Theory of Utility, Statistical decision making under Utilities, general definition of utility function, advantages and disadvantage of Utility function, Utility Curve, Basic axioms of Utility, example of utility function, Indifference curves and their properties, Marginal rate of substitution, Budget line, constrained utility maximization, Construction of Utility Curve.

Unit IV   (04 Weeks)
Production Function
Production function, Marginal productivity, Average productivity, Degree of production function, Linear homogeneous production function, Euler's theorem, Returns to scales, Isoquants, Isocost curves, Equilibrium of the firm, Marginal rate of technical substitution, Elasticity of substitution, Constant elasticity of substitution.

PRACTICAL - 30 Hours

List of Practical

1. Fitting of demand curve.
2. Calculate income elasticity of demand from given data.
3. Calculation of price elasticity of demand from the given data.
4. Estimation of constant demand function.
5. To fit Engel's curve and draw them.
6. Comparison of inequality in distribution of expenditure.
7. Fitting of Pareto distribution to given data.
8. Computation and plotting of Lorenz Curve and computation of concentration ratio.

Practical work to be conducted using electronic spreadsheet / EXCEL/ Statistical Software Package/ SPSS.

ESSENTIAL READINGS:

- Fundamentals of Statistics, Vol.2, Goon, A. M., Gupta, M. K. and Dasgupta, B. (2001). World Press.
- Business Mathematics with Applications, S.R. Arora and Dinesh Khattar, S.Chand & Company Ltd.
- Applied Statistics, Parimal Mukhopadhyay (2011), Books and Allied (P) Ltd.
- Business Mathematics Theory and Applications, V.K. Kapoor (2012), Sultan Chand & Sons.

SUGGESTED READINGS:

- Guide to current Indian Official Statistics, Central Statistical Office, GOI, New Delhi.
- mospi.nic.in/nscr/iss.html.
- Business Mathematics with applications in Business and Economics, R.S. Soni, Pitambar Publishing Company (P) Ltd.

Note: Examination scheme and mode shall be as prescribed by the Examination Branch University of Delhi, from time to time.