THREE DIMENSIONAL ANALYTICAL SOLID GEOMETRY
Syllabus (75 Hours)

Course Outcomes:

After successful completion of this course, the student will be able to;

1. get the knowledge of planes.

2. basic idea of lines, sphere and cones.

3. understand the properties of planes, lines, spheres and cones.

4. express the problems geometrically and then to get the solution.

Course Syllabus:

UNIT – I (12 Hours)

The Plane :

Equation of plane in terms of its intercepts on the axis, Equations of the plane through the given points, Length of the perpendicular from a given point to a given plane, Bisectors of angles between two planes, Combined equation of two planes, Orthogonal projection on a plane.

UNIT – II (12 hrs)

The Line :

Equation of a line; Angle between a line and a plane; The condition that a given line may lie in a given plane; The condition that two given lines are coplanar; Number of arbitrary constants in the equations of straight line; Sets of conditions which determine a line; The shortest distance between two lines; The length and equations of the line of shortest distance between two straight lines; Length of the perpendicular from a given point to a given line.

UNIT – III (12 hrs)

The Sphere :

Definition and equation of the sphere; Equation of the sphere through four given points; Plane sections of a sphere; Intersection of two spheres; Equation of a circle; Sphere through a given circle; Intersection of a sphere and a line; Power of a point; Tangent plane; Plane of contact; Polar plane; Pole of a Plane; Conjugate points; Conjugate planes;

UNIT – IV (12 hrs)

The Sphere and Cones :

Angle of intersection of two spheres; Conditions for two spheres to be orthogonal; Radical plane; Coaxial system of spheres;

Definitions of a cone; vertex; guiding curve; generators; Equation of the cone with a given vertex and guiding curve; equations of cones with vertex at origin are homogenous; Condition that the general equation of the second degree should represent a cone;

UNIT – V (12 hrs)

Cones :

Enveloping cone of a sphere; right circular cone: equation of the right circular cone with a given vertex, axis and semi vertical angle: Condition that a cone may have three mutually perpendicular generators; intersection of a line and a quadric cone; Tangent lines and tangent plane at a point; Condition that a plane may touch a cone; Reciprocal cones;

Co-Curricular Activities(15 Hours)

Seminar/ Quiz/ Assignments/Three dimensional analytical Solid geometry and its applications/ Problem Solving.

Text Book :

Analytical Solid Geometry by Shanti Narayan and P.K. Mittal, published by S. Chand & Company Ltd. 7th Edition.

Reference Books :

1. A text book of Mathematics for BA/B.Sc Vol 1, by V Krishna Murthy & Others, published by S. Chand & Company, New Delhi.

2. A text Book of Analytical Geometry of Three Dimensions, by P.K. Jain and Khaleel Ahmed, published by Wiley Eastern Ltd., 1999.

3. Co-ordinate Geometry of two and three dimensions by P. Balasubrahmanyam, K.Y. Subrahmanyam, G.R. Venkataraman published by Tata-MC Gran-Hill Publishers Company Ltd., New Delhi.

4. Solid Geometry by B.Rama Bhupal Reddy, published by Spectrum University Press.

Dr.G.Sreenivasulu Reddy, BOS Chairman.

Mathematics, S.V.University, Tirupati.

BLUE PRINT FOR QUESTION PAPER PATTERN
COURSE-II, THREE DIMENSIONAL ANALYTICAL SOLID GEOMETRY

U nit	TOPIC	S.A.Q(including choice)	E.Q(including choice)	Total Marks
I	The Plane	2	2	30
II	The Right Line	2	2	30
III	The Sphere	2	2	30
IV	The Sphere & The Cone	1	2	25
V	The Cone	1	2	25
TOTAL		8	10	140

S.A.Q.   = Short answer questions   (5 marks)

E.Q.   = Essay questions   (10 marks)

Short answer questions   : 5 X 5 M   = 25 M

Essay questions   : 5 X 10 M   = 50 M

………………......

Total Marks   = 75 M

....

SRI VENKATESWARA UNIVERSITY
B.A. / B.Sc. DEGREE EXAMINATION IN MATHEMATICS
FIRST YEAR - SECOND SEMESTER
(Under CBCS W.E.F. 2020-21)
THREE DIMENSIONAL ANALYTICAL SOLID GEOMETRY
MODEL QUESTION PAPER

Time: 3Hrs   **Max.Marks:75 M**

SECTION - A

Answer any <u>FIVE</u> questions. Each question carries <u>FIVE</u> marks 5 X 5 M=25 M

1. Find the equation of the plane through the point (-1,3,2) and perpendicular to the planes x+2y+2z=5 and 3x+3y+2z=8.

2. Find the bisecting plane of the acute angle between the planes 3x-2y-6z+2=0,-2x+y-2z-2=0.

3. Find the image of the point (2,-1,3) in the plane 3x-2y+z =9.

4. Find the equation of the plane through the origin and containing the line

   $x - 3y + 2z + 3 = 0 = 3x - y + 2z - 5$

5. A variable plane passes through a fixed point (a, b, c). It meets the axes

   in A,B,C. Show that the centre of the sphere OABC lies on $\dfrac{a}{x} + \dfrac{b}{y} + \dfrac{c}{z} = 2$

5. Show that the plane 2x-2y+z+12=0 touches the sphere $x^2+y^2+z^2-2x-4y+2z-3=0$ and find the point of contact.

6. Find the equation to the cone which passes through the three coordinate axes and the lines

   $\dfrac{x}{1} = \dfrac{y}{-2} = \dfrac{z}{3}$ and $\dfrac{x}{2} = \dfrac{y}{1} = \dfrac{z}{1}$

7. Find the equation of the enveloping cone of the sphere $x^2 + y^2 + z^2 + 2x - 2y = 2$

   with its vertex at (1, 1, 1).

SECTION - B

Answer <u>ALL</u> the questions. Each question carries <u>TEN</u> marks. 5 X 10 M = 50 M

9(a) A plane meets the coordinate axes in A, B, C. If the centroid of △ABC is

(a,b,c), show that the equation of the plane is $\dfrac{x}{a} + \dfrac{y}{b} + \dfrac{z}{c} = 3$.

(OR)

(b) A variable plane is at a constant distance p from the origin and meets the

axes in A,B,C. Show that the locus of the centroid of the tetrahedron OABC

is $x^{-2}+y^{-2}+z^{-2}=16p^{-2}$.

10(a) Find the shortest distance between the lines

$$\frac{x-3}{3} = \frac{y-8}{-1} = \frac{z-3}{1} ; \quad \frac{x+3}{-3} = \frac{y+7}{2} = \frac{z-6}{4}.$$

(OR)

(b) Prove that the lines

$$\frac{x-1}{2} = \frac{y-2}{3} = \frac{z-3}{4} ; \quad \frac{x-2}{3} = \frac{y-3}{4} = \frac{z-4}{5}$$

are coplanar. Also find their point of intersection and the plane containing

the lines.

11 (a) Show that the two circles $x^2+y^2+z^2-y+2z=0$, $x-y+z=2$;

$x^2+y^2+z^2+x-3y+z-5=0$, $2x-y+4z-1=0$ lie on the same sphere and find its

equation.

(OR)

(b) Find the equation of the sphere which touches the plane $3x+2y-z+2=0$

at $(1,-2,1)$ and cuts orthogonally the sphere $x^2+y^2+z^2-4x+6y+4=0$.

12 (a) Find the limiting points of the coaxial system of spheres

$x^2+y^2+z^2-8x+2y-2z+32=0$, $x^2+y^2+z^2-7x+z+23=0$.

(OR)

(b) Find the equation to the cone with vertex is the origin and whose

base curve is $x^2+y^2+z^2+2ux+d=0$.

13 (a) Prove that the equation $\sqrt{fx} \pm \sqrt{gy} \pm \sqrt{hz} = 0$ represents a cone that

touches the coordinate planes and find its reciprocal cone.

(OR)

(b) Find the equation of the sphere $x^2+y^2+z^2-2x+4y-1=0$ having its

generators parallel to the line $x=y=z$.

Dr.G.Sreenivasulu Reddy, BOS Chairman.

Mathematics, S.V.University, Tirupati.

SRI VENKATESWARA UNIVERSITY
B.A. / B.Sc. DEGREE COURSE IN SATISTICS WITH MATHS
FIRST YEAR - SECOND SEMESTER
(Revised Syllabus under CBCS w.e.f. 2020-21)

OBJECTIVE OF THE COURSE

Statistics is a key to success in the field of science and technology. Today, the students need a thorough knowledge of fundamental basic principles, methods, results and a clear perception of the power of statistical ideas and tools to use them effectively in modeling, interpreting and solving the real life problems. Statistics plays an important role in the context of globalization of Indian economy, modern technology, computer science and information technology.

The main objectives of the course are

- To build the basis for promoting theoretical and application aspects of statistics.

- To underline the statistics as a science of decision making in the real life problems with the description of uncertainty.

- To emphasize the relevance of statistical tools and techniques of analysis in the study of inter-disciplinary sciences.

- To acquaint students with various statistical methods and their applications in different fields.

- To cultivate statistical thinking among students.

- To develop skills in handling complex problems in data analysis and research design.

- To prepare students for future courses having quantitative components.

This course is aimed at preparing the students to hope with the latest developments and compete with students from other universities and put them on the right track.

Paper Wise Objectives

PAPER-I: Descriptive Statistics and Probability

- The objective of this paper is to throw light on the role of statistics in different fields with special reference to business and economics.
- It gives the students to review good practice in presentation and the format most applicable to their own data.
- The measures of central tendency or averages reduce the data to a single value which is highly useful for making comparative studies.

PAPER-II: Probability Distributions and Statistical Methods

- This paper deals with the situation where there is uncertainty and how to measure that uncertainty by defining the probability, random variable and mathematical expectation which are essential in all research areas.
- This paper gives an idea of using various standard theoretical distributions, their chief characteristics and applications in analyzing any data.
- The measures of dispersion throw light on reliability of average and control of variability
- The concept of Correlation and Linear Regression deals with studying the linear relationship between two or more variables, which is needed to analyze the real life problems.
- The attributes gives an idea that how to deal with qualitative data.

PAPER-III: Statistical Inference

- This paper deals with standard sampling distributions like Chi Square, t and F and their characteristics and applications.
- This paper deals with the different techniques of point estimation for estimating the parameter values of population and interval estimation for population parameters.
- In this paper, various topics of Inferential Statistics such as interval estimation, Testing of Hypothesis, large sample tests (Z-test), small sample tests (t-test, F-test, chi-square test) and non-parametric tests are dealt with. These techniques play an important role in many fields like pharmaceutical, agricultural, medical etc.

PAPER-IV: Sampling Techniques and Design of Experiments

- The sampling techniques deals with the ways and methods that should be used to draw samples to obtain the optimum results, i.e., the maximum information about the characteristics of the population with the available sources at our disposal in terms of time, money and manpower to obtain the best possible estimates of the population parameters
- This paper throw light on understanding the variability between group and within group through Analysis of Variance
- This gives an idea of logical construction of Experimental Design and applications of these designs now days in various research areas.
- Factorial designs allow researchers to look at how multiple factors affect a dependent variable, both independently and together.

PAPER-V: Applied Statistics

- This paper deals the time series on simple description methods of data, explains the variation, forecasting the future values, control procedures.
- It gives an idea of using index numbers in a range of practical situations, limitations and uses
- The vital statistics enlighten the students in obtaining different mortality, fertility rates thus obtaining the population growth rates and construction and use of life tables in actuarial science.

PAPER - II: <u>PROBABILITY DISTRIBUTIONS AND STATISTICAL METHODS</u>

UNIT-I

Discrete Distributions: Binomial, Poisson, Negative Binomial, Geometric distributions: Definitions, means, variances, M.G.F, C.F, C.G.F, P.G.F, additive property if exists. Possion approximation to Binomial distribution. Hyper-geometric distribution: Defination, mean and variance.

UNIT - II

Continuous Distributions: Rectangular, Exponential, Gamma, Beta Distributions: mean , variance, M.G.F, C.F. **Normal Distribution**: Definition, Importance, Properties, M.G.F, additive property.

UNIT-III

Correlation: Meaning, Types of Correlation, Measures of Correlation: Scatter diagram, Karl Pearson's Coefficient of Correlation, Rank Correlation Coefficient (with and without ties), Bi-variate frequency distribution, correlation coefficient for bi-variate data and simple problems.

Regression : Concept of Regression, Linear Regression: Regression lines, Regression coefficients and it's properties, Regressions lines for bi-variate data and simple problems. Correlation vs regression.

UNIT IV

Curve fitting: Bi- variate data, Principle of least squares, fitting of degree polynomial. Fitting of straight line, Fitting of Second degree polynomial or parabola, Fitting of power curve and exponential curves.

UNIT-V

Attributes : Notations, Class, Order of class frequencies, Ultimate class frequencies, Consistency of data, Conditions for consistency of data for 2 and 3 attributes only , Independence of attributes , Association of attributes and its measures, Relationship between association and colligation of attributes, Contingencytable: Square contingency**,** Mean square contingency, Coefficient of mean square contingency, Tschuprow's coefficient of contingency.

Text Books:

1. V.K.Kapoor and S.C.Gupta: Fundamentals of Mathematical Statistics, Sultan Chand & Sons, NewDelhi.

2. BA/BSc I year statistics - descriptive statistics, probability distribution - Telugu Academy -

Dr M. Jaganmohan Rao, Dr. N. Srinivasa Rao, Dr P.Tirupathi Rao, Smt.D.Vijayalakshmi.

3. K.V.S. Sarma: Statistics Made Simple: Do it yourself on PC. PHI

Reference books:

1. Willam Feller: Introduction to Probability theory and its applications. Volume –I, Wiley Goon AM, Gupta
2. MK, Das Gupta B : Fundamentals of Statistics , Vol-I, the World Press Pvt.Ltd.,Kolakota.
3. Hoel P.G: Introduction to mathematical statistics, Asia Publishing house.
4. M. Jagan Mohan Rao and Papa Rao: A Text book of Statistics Paper-I.
5. Sanjay Arora and Bansi Lal: New Mathematical Statistics: Satya Prakashan , NewDelhi.
6. Hogg Tanis Rao: Probability and Statistical Inference. 7thedition.Pearson.

PRACTICALS PAPER – II

Credits 2

1. Fitting of Binomial distribution – Direct method.
2. Fitting of binomial distribution – Recurrence relation Method.
3. Fitting of Poisson distribution – Direct method.
4. Fitting of Poisson distribution - Recurrence relation Method.
5. Fitting of Negative Binomial distribution.
6. Fitting of Geometric distribution.
7. Fitting of Exponential distribution.
8. Fitting of Normal distribution – Areas method.
9. Fitting of Normal distribution – Ordinates method.
10. Computation of correlation coefficient and regression lines direct method
11. Computation of correlation coefficient, forming regression lines –Deviation method
12. Calculation of Correlation Coefficient for Bivariate table
13. Fitting of straight line by the method of least squares(for even observations)
14. Fitting of parabola by the method of least squares(for odd observations)
15. Fitting of power curve of the type by the method of least squares.
16. Fitting of exponential curve of the type and by the method of least squares.
17. Computation of Yule's coefficient of association
18. Computation of Pearson's, Tschprovs coefficient of contingency

Note: Training shall be on establishing formulae in Excel cells and derive the results. The excel output shall be exported to MS word for writing inference.

Course Learning Outcomes Students will acquire

1) Ability to distinguish between random and non-random experiments,
2) Knowledge to conceptualize the probabilities of events including frequentist and axiomatic approach. Simultaneously, they will learn the notion of conditional probability including the concept of Bayes' Theorem,
3) Knowledge related to concept of discrete and continuous random variables and their probability distributions including expectation and moments,
4) Knowledge of important discrete and continuous distributions such as Binomial, Poisson, Geometric, Negative Binomial and Hyper-geometric, normal, uniform, exponential, beta and gamma distributions,
5) To apply standard discrete and continuous probability distributions to different situations.

SRI VENKATESWARA UNIVERSITY
B.A. / B.Sc. DEGREE EXAMINATION IN SATISTICS WITH MATHS
FIRST YEAR - SECOND SEMESTER
(Revised Syllabus under CBCS w.e.f. 2020-21)

PAPER - II: PROBABILITY DISTRIBUTIONS AND STATISTICAL METHODS

MODEL QUESTION PAPER

Section-A

Answer any **FIVE** questions. Each question carry **FIVE** marks   **5X5 = 25**

1. 1.Define Binomial distribution and find its Mean and Variance
2. Find Mean deviation about mean in Uniform distribution
3. Explain about curve fitting and principle of least squares method
4. 4.Distinguish between correlation and regression
5. Describe various types of association ?
6. Find Mean and variance of N.B.D fro m.g.f. of N.B.D
7. 7.Derive distribution function of exponential distribution
8. Derive the angle between two regression lines

Section – B

Answer all questions and each question carries 10 marks **5 x 10 = 50**

Unit-I

9. Derive poisson distribution as a limiting case of Binomial and Negative Binimial Distribution with specified conditions

(OR)

10. State and prove Lack of memory property of Geometric distribution

Unit-II

11. A) State and prove additive property of Geometric distribution b) Deduce mean and variance of Beta distribution

(OR)

12. A) Derive m.g.f. of Normal Distribution
b) Prove that in Normal distribution odd ordered moments does not exists but even order moments exists

Unit III

13. Explain method of fitting parabola by least squares method

(OR)

14. Fit an exponential curve $y=ab^{bx}$ to the following data

X	5	7	9	11	13	15	17	19	21	23
Y	1.3	13.8	40.2	101.4	350	604	1017	1638	3021	6451.7

Unit IV

15. a) prove that correlation coefficient always less lies between -1 and +1
    b) Discuss the effect of origin and scale on correlation coefficient

(OR)

16. a) Explain Regression , Regression lines, regression coefficients, regression analysis
    with examples
    b) Derive regression line of y on a by least squares method

Unit-V

17. a) Prove that $Q_{AB}= 2 Y_{AB}/(1+ Y^2_{AB})$ with usual notation ?
    b) For n attributes prove that $(A_1, A_2, A_3, \ldots A_n) \geq (A_1)+ (A_2)+ (A_3)+ \ldots + (A_n)-(n-1)N$

(OR)

18. a) Define consistency of a data ? Derive Necessary and sufficient condition for
    existence of consistency in case of three attributes ?
    b) Explain Manifold classification ? Mention various coefficients of consistency

DATA STRUCTURES USING C

Semester	Course Code	Course Title	Hours	Credits
II	**C2**	**DATA STRUCTURES USING C**	**60**	**3**

Course Objectives

To introduce the fundamental concept of data structures and to emphasize the importance of various data structures in developing and implementing efficient algorithms.

Course Learning Outcomes:

Upon successful completion of the course, a student will be able to:

1. Understand available Data Structures for data storage and processing.

2. Comprehend Data Structure and their real-time applications - Stack, Queue, Linked List, Trees and Graph

3. Choose a suitable Data Structures for an application

4. Develop ability to implement different Sorting and Search methods

5. Have knowledge on Data Structures basic operations like insert, delete, search, update and traversal
6. Design and develop programs using various data structures

7. Implement the applications of algorithms for sorting, pattern matching etc

UNIT - I:

Introduction to Data Structures: Introduction to the Theory of Data Structures, Data Representation, Abstract Data Types, Data Types, Primitive Data Types, Data Structure and Structured Type, Atomic Type, Difference between Abstract Data Types, Data Types, and Data Structures, Refinement Stages

Principles of Programming and Analysis of Algorithms: Software Engineering, Program Design, Algorithms, Different Approaches to Designing an Algorithm, Complexity, Big 'O' Notation, Algorithm Analysis, Structured Approach to Programming, Recursion, Tips and Techniques for Writing Programs in 'C'

UNIT – II:

Arrays: Introduction to Linear and Non- Linear Data Structures, One- Dimensional Arrays, Array Operations, Two- Dimensional arrays, Multidimensional Arrays, Pointers and Arrays, an Overview of Pointers

Linked Lists: Introduction to Lists and Linked Lists, Dynamic Memory Allocation, Basic Linked List Operations, Doubly Linked List, Circular Linked List, Atomic Linked List, Linked List in Arrays, Linked List versus Arrays

UNIT – III:

Stacks: Introduction to Stacks, Stack as an Abstract Data Type, Representation of Stacks through Arrays, Representation of Stacks through Linked Lists, Applications of Stacks, Stacks and Recursion

Queues: Introduction, Queue as an Abstract data Type, Representation of Queues, Circular

Queues, Double Ended Queues- Deques, Priority Queues, Application of Queues

UNIT – IV:

Binary Trees: Introduction to Non- Linear Data Structures, Introduction Binary Trees, Types of Trees, Basic Definition of Binary Trees, Properties of Binary Trees, Representation of Binary Trees, Operations on a Binary Search Tree, Binary Tree Traversal, Counting Number of Binary Trees, Applications of Binary Tree

UNIT – V:

Searching and sorting: Sorting – An Introduction, Bubble Sort, Insertion Sort, Merge Sort, Searching – An Introduction, Linear or Sequential Search, Binary Search, Indexed Sequential Search

Graphs: Introduction to Graphs, Terms Associated with Graphs, Sequential Representation of Graphs, Linked Representation of Graphs, Traversal of Graphs, Spanning Trees, Shortest Path, Application of Graphs.

BOOKS:
1. "Data Structures using C", ISRD group Second Edition, TMH
2. "Data Structures through C", YashavantKanetkar, BPB Publications.
3. "Data Structures Using C" Balagurusamy E. TM

RECOMMENDED CO-CURRICULAR ACTIVITIES:

(Co-curricular activities shall not promote copying from textbook or from others work and shall encourage self/independent and group learning)

A. **Measurable**

1. Assignments (in writing and doing forms on the aspects of syllabus content and outside the syllabus content. Shall be individual and challenging)
2. Student seminars (on topics of the syllabus and related aspects (individual activity))
3. Quiz (on topics where the content can be compiled by smaller aspects and data (Individuals or groups as teams))
4. Study projects (by very small groups of students on selected local real-time problems pertaining to syllabus or related areas. The individual participation and contribution of students shall be ensured (team activity))

B. **General**

1. Group Discussion
2. Others

RECOMMENDED CONTINUOUS ASSESSMENT METHODS:

Some of the following suggested assessment methodologies could be adopted;

1. The oral and written examinations (Scheduled and surprise tests),
2. Closed-book and open-book tests,
3. Programming exercises,
4. Practical assignments and laboratory reports,
5. Observation of practical skills,
6. Individual and group project reports.
7. Efficient delivery using seminar presentations,
8. Viva voce interviews.
9. Computerized adaptive testing, literature surveys and evaluations,
10. Peers and self-assessment, outputs form individual and collaborative work

DATA STRUCTURES USING C LAB

Semester	Course Code	Course Title	Hours	Credits
II	**C2-P**	**DATA STRUCTURES USING C LAB**	**30**	**2**

1. Write a program to read 'N' numbers of elements into an array and also perform the following operation on an array

    a. Add an element at the begging of an array
    b. Insert an element at given index of array
    c. Update a element using a values and index
    d. Delete an existing element

2. Write a program using stacks to convert a given

    a. postfix expression to prefix
    b. prefix expression to postfix
    c. infix expression to postfix

3. Write Programs to implement the Stack operations using an array
4. Write Programs to implement the Stack operations using Liked List.
5. Write Programs to implement the Queue operations using an array.
6. Write Programs to implement the Queue operations using Liked List.
7. Write a program for arithmetic expression evaluation.
8. Write a program for Binary Search Tree Traversals
9. Write a program to implement dequeue using a doubly linked list.
10. Write a program to search an item in a given list using the following Searching Algorithms
    a. Linear Search
    b. Binary Search.

11. Write a program for implementation of the following Sorting Algorithms

    a. Bubble Sort
    b. Insertion Sort
    c. Quick Sort

12. Write a program for polynomial addition using single linked list
13. Write a program to find out shortest path between given Source Node and Destination Node in a given graph using Dijkstrar's algorithm.
14. Write a program to implement Depth First Search graph traversals algorithm
15. Write a program to implement Breadth First Search graph traversals algorithm

SRI VENKATESWARA UNIVERSITY

B.Sc. DEGREE EXAMINATION IN COMPUTER SCIENCE

FIRST YEAR - SECOND SEMESTER
(Under CBCS W.E.F. 2020-21)

DATA STRUCTURES USING C

MODEL QUESTION PAPER

Time: 3 hours   Marks: 75

marks

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 25 marks. Answer any five of the following questions in Part A.
Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks

PART – A

Answer any _Five_ of the following question.
(5X5=25M)

1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	

PART – B

Answer All The Questions. Each question carries 10 marks (5X10= 50M)

9.	(A)	
		OR
	(B)	
10.	(A)	
		OR
	(B)	
11.	(A)	
		OR
	(B)	
12.	(A)	
		OR
	(B)	
13.	(A)	
		OR
	(B)	

<u>SUBJECT EXPERTS</u>

Dr.M.Ussenaiah
Dept of Computer Science,
Vikrama Simhapuri University

Dr.A.Kavitha, Govt.
Degree College,
Repalle

<u>SYLLABUS VETTED BY</u>

Dr.Gangadhar,
Dept of Computer Science
Acgharya Nagarjuna University,
Nagarjuna Nagar

SRI VENKATESWARA UNIVERSITY

B.A. / B.Com. / B.Sc. DEGREE COURSE IN ENGLISH

FIRST YEAR - SECOND SEMESTER
(Revised Syllabus under CBCS w.e.f. 2020-21)

ENGLISH PRAXIS COURSE - II
A COURSE IN READING & WRITING SKILLS

I. UNIT
    Prose   : 1. How to Avoid Foolish Opinions   Bertrand Russell
    Skills   : 2. Vocabulary: Conversion of Words
            : 3. One Word Substitutes
            : 4. Collocations

II. UNIT
    Prose   : 1. The Doll's House   Katherine Mansfield
    Poetry   : 2. Ode to the West Wind   P B Shelley
    Non-Detailed Text   : 3. Florence Nightingale   Abrar Mohsin
    Skills   : 4. Skimming and Scanning

III. UNIT
    Prose   : 1. The Night Train at Deoli   Ruskin Bond
    Poetry   : 2. Upagupta   Rabindranath Tagore
    Skills   : 3. Reading Comprehension
            : 4. Note Making/Taking

IV. UNIT
    Poetry   : 1. Coromandel Fishers   Sarojini Naidu
    Skills   : 2. Expansion of Ideas
            : 3. Notices, Agendas and Minutes

V. UNIT
    Non-Detailed Text   : 1. An Astrologer's Day   R K Narayan
    Skills   : 2. Curriculum Vitae and Resume
            : 3. Letters
            : 4. E-Correspondence

Approved by BOS (PASS)
w.e.f. 2020-2021

M Gunalal
3/9/2020
Chairperson
BOS in ENGLISH
(PASS)

SRI VENKATESWARA UNIVERSITY
B.A. / B.Com. / B.Sc. DEGREE EXAMINATION IN ENGLISH
FIRST YEAR - SECOND SEMESTER
(Revised Syllabus under CBCS w.e.f. 2020-21)

ENGLISH PRAXIS COURSE-II
A COURSE IN READING & WRITING SKILLS

Time: 3 hours   **Max Marks: 75**

I)   Answer any **THREE** of the following questions   **(3X5=15)**

           a.   Summarize Russell's, "How to Avoid Foolish Opinion"

           b.   Write Noun forms for the following words by adding a Suffix:

              i) Manage   ii) free   iii) pollute   iv) create   v) Maintain

           c.   Write one word substitutes for the following

              i)   A Government by one
              ii)   One who looks at the bright side of things
              iii) A position for which no salary is paid
              iv) One who eats too much
              v)   That which cannot be avoided.

          d. Match the following into appropriate collocations:

A	B
i) Strong	i) Privacy
ii) Happy	ii) mistake
iii) some	iii) ending
iv) works	iv) coffee
v) Terrible	v) perfectly

           e. Avoiding stupidity is easier than seeking brilliance. Explain

II)   Answer any **THREE** of the following questions;   **(3X5=15)**

     a. Compare Torvald's and Nora's attitudes toward money
     b. How does Shelley describe the power of West Wind
     c. Describe Florence Nightingale
     d. Define Skimming
     e. Define Scanning

III)   Answer any **THREE** of the following questions   **(3X5=15)**

           a. What's the theme of "The Night" Train at Deoli?
           b. Critically appreciate the poem "Upagupta"
           c. Why does the narrator say it is a game in the Night Train at Deoli
           d. Read the following passage and answer the questions that follow.
              Slavery can broadly be described as the ownership, buying and selling of human beings for the purpose of forced labour. The institution of slavery is as old as civilization. Many nations and empires were built by the muscles of the slaves.

Overtime people have found many reasons to justify slavery. Slaves were ususally considered somehow different than their owners. They may belong to different race, religion, nationality or ethnic background. By focussing on such differences, slave owners felt that they could deny basic human rights to their slaves.

i)   What is the purpose of the institution of slavery?
ii)   What is a slavery?
iii)   How were the empires built?
iv)   How were the slaves different from their masters?
v)   Give the meaning of 'deny'

e. Make notes on the following passage.
Early rising is the secret for a happy life. We all wish to live long but we cannot. We go against Nature. Nature likes us to work during day and to rest at night. But we do not obey this law of Nature. We do not go to bed early.We read or write late into night. Some of us keep playing, dancing and drinking whole night. So, we do not rise early. Our health breaks down and we fall ill. Nature takes revenge. We have to suffer for our disobedience. But birds and animals are healthy. They do not need a doctor every day. They sleep early and rise early. This simple habit will give everything.So, it is said: "Early to bed and early to rise makes a man healthy, wealthy and wise"

IV)   Answer any **THREE** of the following questions.   **(3X5=15)**

a. Write a critical appreciation of the poem the Coromandel Fishers
b. Make hay while the sun shines. Expand
c. How does Sarojini Naidu a day in the lives of the fishermen?
d. Imagine that you are the manager of a company. You want to inform your employees of an important meeting. Write a suitable notice.
e. Explain minutes.

V)   Answer any **THREE** of the following questions   **(3X5=15)**

a. Justify the title "An Astrologer's Day"
b. Prepare a CV for the post of a Sales Executive
c. Write a letter to your friend about Carona crisis at your native place
d. Write a resume for your dream job
e. Assume that you received the letter of appointment for the post of General Manager from Splendour Pvt Ltd. Send an email to the company thanking them for the offer.

-------0------

(05.12.2020)
(Dr M.SREELATHA),
Chairman,
BOS English(PASS).

శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం, తిరుపతి

బి.ఏ., బి.కాం., బి.యస్ సి., మెదలైన కోర్సులు

జనరల్ తెలుగు   సెమిస్టర్ 2

ఆదునిక తెలుగు సాహిత్యం

పాఠ్య ప్రణాళిక - (2020 -21 నుండి)

యూనిట్ - I : ఆధునిక కవిత్వం

1. ఆధునిక కవిత్వం　　　　–　　పరిచయం

2. కొండవీడు　　　　-　　దువ్వూరి రామిరెడ్డి

　　　　　　　（'కవికోకిల' గ్రంధావళి – ఖండ కావ్యాలు-నక్షత్రమాల సంపుటి నుండి ）

3. మాతృ సంగీతం　　　　- అనిశెట్టి సుబ్బారావు (అగ్ని వీణ కవితా సంపుటి నుండి)

4. తాతకో నూలు పోగు　　　　- బండారు ప్రసాద మూర్తి ('కలనేత' కవితా సంపుటి నుండి)

యూనిట్ – II : కథానిక

5. తెలుగు కథానిక　　　　- పరిచయం

6. భయం (కథ)　　　　- కాళీపట్నం రామారావు

7. స్వేదం ఖరీదు ...? (కథ)　　　 - రెంటాల నాగేశ్వర రావు

యూనిట్ - III : నవల

8. తెలుగు నవల　　　　- పరిచయం

9. రథ చక్రాలు (నవల)　　　 - మహీధర రామ్మోహన రావు (సంక్షిప్త ఇతి వృత్తం మాత్రం)

10. రథ చక్రాలు (సమీక్షా వ్యాసం) – డా. యల్లాప్రగడ మల్లికార్జునరావు

యూనిట్ – IV : నాటకం

11. తెలుగు నాటకం　　　　- పరిచయం

12. యక్షగానము (నాటిక)　　　 - ఎం.వి.ఎస్. హరనాధ రావు

13. అపురూప కళారూపాల విధ్వంసదృశ్యం 'యక్షగానం'(సమీక్షా వ్యాసం)- డా. కందిమళ్ళ సాంబశివరావు

యూనిట్ – V : విమర్శ

14. తెలుగు సాహిత్య విమర్శ　　　 – పరిచయం

15. విమర్శ-స్వరూప స్వభావాలు : ఉత్తమ విమర్శకుడు-లక్షణాలు.

Approved by B.o.S.

Dr.G.D.Jyotheeswari Devi

B.T.College,Madanapalli

ఆధార గ్రంథాలు : వ్యాసాలూ

1.ఆధునిక కవిత్వం – పరిచయం   : చూ. 'దృక్పథాలు' పుట 1-22 ఆచార్య ఎస్వీ.సత్యనారాయణ

2. తెలుగు కథానిక – పరిచయం   : చూ. మన నవలలు-మన కథానికలు. పుట 118 – 130

                                                      ఆచార్య రాచపాలెం చంద్ర శేఖర రెడ్డి

3. తెలుగు నవల – పరిచయం   : చూ. నవలా శిల్పం. పుట 1-17, వల్లంపాటి వెంకట సుబ్బయ్య

4. తెలుగు నాటకం – పరిచయం   : చూ. తెలుగు నాటక రంగం. పుట 17-25, ఆచార్య ఎన్.గంగప్ప

5. తెలుగు సాహిత్య విమర్శ-పరిచయం – చూ. తెలుగు సాహిత్య విమర్శ –నాడు,నేడు పుట 213 – 217

                                             తెలుగు వాణి, అయిదవ అఖిల భారత తెలుగు మహాసభల ప్రత్యేక సంచిక

                                             ఆచార్య జి.వి.సుబ్రహ్మణ్యం

6. నూరేళ్ళ తెలుగు నాటక రంగం   - ఆచార్య మొదలి నాగభూషణ శర్మ

7. నాటక శిల్పం   -   ఆచార్య మొదలి నాగభూషణ శర్మ

8. సాంఘిక నవల – కథన శిల్పం   - ఆచార్య సి.మృణాలిని

*సూచించబడిన సహ పాఠ్య కార్యక్రమములు

1. ఆధునిక కవిత్వానికి సంబంధించిన కొత్త కవితలను/అంశాలను ఇచ్చి, విద్యార్థుల చేత వాటిమీద అసైన్మెంట్లు రాయించడం

2. పాఠ్యాంశాలకు సంబంధించిన విషయాలపై వ్యాసాలూ రాయించడం(సెమినార్ / అసైన్మెంట్లు)

3. తెలుగు సాహిత్యంలోని ప్రసిద్ధ కథలపై,కవితలపై సమీక్షలు రాయించడం

4. ఆధునిక పద్య నిర్మాణ రచన చేయించడం .

5. విద్యార్థులను బృందాలుగా విభజించి,నాటికలపై/నవలలపై సమీక్షలు రాయించడం.

6.సాహిత్య వ్యాసాలూ సేకరించడం. బృంద చర్చ నిర్వహించడం, క్షేత్ర పర్యటనలు.

7. ప్రసిద్ధుల విమర్శా వ్యాసాలూ చదివించి, వాటిని విద్యార్థుల సొంత మాటలలో రాయించడం.

8. పాఠ్యాంశాలపై స్వీయ విమర్శా వ్యాయాలు రాయించడం.

Approved by B.o.S.

Dr.G.D.Jyotheeswari Devi

B.T.College,Madanapalli

శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం, తిరుపతి

బి.ఏ., బి.కాం., బి.యస్ సి., మెదలైన కోర్సులు

జనరల్ తెలుగు   సెమిస్టర్ 2

ఆదునిక తెలుగు సాహిత్యం

మాదిరి ప్రశ్న పత్రము

సమయం:: 3 గం.   మార్కులు: 75

అ – విభాగము

క్రింది వానిలో ఏదింటికి సంక్షిప్త సమాధానాలు రాయండి .

ప్రతి సమాధానానికి 5 మార్కులు.   5X5 = 25 మా

1.కొండవీడు   6. కథానిక

2. తెలుగు నవల   7. విమర్శ

3. తెలుగు నాటకం   8. అనిసెట్టి సుబ్బారావు

4. ఆధునిక కవిత్వం   9. కాళీపట్నం రామారావు

5. యక్షగానం   10.జానపద కళారూపాలు

ఆ – విభాగము

క్రిందివానిలో అన్ని ప్రశ్నలకు సమాధానాలు రాయండి.

ప్రతి సమాధానానికి 10 మార్కులు.   5X10 = 50 మా

11. ఆధునిక కవిత్వ ఆవిర్భావ వికాసాలను వివరించండి.   (లేదా)

    కొండవీడులో దువ్వూరి రామిరెడ్డి గారి సందేశాన్ని వివరించండి.

12. తెలుగు కథానికను పరిచయం చేయండి.   (లేదా)

     భయం కథ లోని రచయిత సందేశాన్ని రాయండి.

13. సాహిత్య ప్రక్రియగా నవల స్థానాన్ని విమర్శించండి.   (లేదా)

    రథచక్రాలు నవలలోని ఇతివృత్తాన్ని విశ్లేషించండి.

14. తెలుగు నాటక పరిణామాన్ని గూర్చి రాయండి.   (లేదా)

    యక్షగానం నాటికపై సమీక్షా వ్యాసం రాయండి.

15. తెలుగు సాహిత్య విమర్శను పరిచయం చేయండి.   (లేదా)

    విమర్శ స్వరూప స్వభావాలను వివరిస్తూ, ఉత్తమ విమర్శకుని లక్షణాలను రాయండి.

Approved by B.o.S.

Dr.G.D.Jyotheeswari Devi

B.T.College,Madanapalli

**GENERAL HINDI – II: PROSE, SHORT STORIES, GRAMMAR AND
LETTER WRITING**

Subject Code:18-HIN-1-02   Credits : 03   Teaching Hrs/Week : 4

SYLLABUS

गद्य संदेश (PROSE)

1. संस्कृति और साहित्य का परस्पर संबंध – आ.सुन्दर रेड्डी

2. भारत एक है – दिनकर

3. HIV /AIDS

कथा लोक (SHORT STORIES)

4. जरिया   – चित्रा मुद्गल

5. भूख हड़ताल   – श्री बालशौरि रेड्डी

6. परमात्मा का कुत्ता – मोहन राकेश

व्याकरण (GRAMMAR)

कार्यालयीन हिन्दी शब्दावली – अंग्रेजी – हिन्दी

प्रशासनिक शब्द – हिन्दी – अंग्रेजी

संधि विच्छेद

पत्र लेखन (आवेदन पत्र, शिकायती पत्र)

SRI VENKATESWARA UNIVERSITY
B.A. / B.Com. / B.Sc. DEGREE EXAMINATION IN HINDI
FIRST YEAR - SECOND SEMESTER
(Revised Syllabus under CBCS w.e.f. 2020-21)

GENERAL HINDI – II: PROSE, SHORT STORIES, GRAMMAR AND LETTER WRITING

<u>MODEL QUESTION PAPER</u>

Subject Code: 18-HIN -1-02   Time: 3hrs   Max Marks :75

PART - A

I.   किन्हीपाँचप्रश्नोंकेउत्तरदीजिए |5 X 5 = 25

     Short Q & ANS

1. Annotation - Prose

2. Annotation - Prose

3. Short Question - Prose

4. Short Question - Short Stories(Non-detailed)

5. Short Question - Short Stories(Non-detailed)

6. Short Question - Short Stories(Non-detailed)

7. Short Question - Grammar

8. Short Question - Grammar

PART - B

II. निम्न लिखित सभी प्रश्नों के उत्तर दीजिए । 5 X10 = 50

9. PROSE

(अथवा)   10 Marks

PROSE

10. PROSE

(अथवा)   10 Marks

Short Stories(Non-detailed)

11. Short Stories(Non-detailed)

(अथवा)   10 Marks

Short Stories(Non-detailed)

12. LETTER WRITING   पत्र लेखन(आवेदन पत्र, शिकायती पत्र) **10 Marks**

(अथवा)

LETTER WRITINGपत्र लेखन

13. कारक कितने प्रकार के हैं ? समझाइए ।

(अथवा)   **10 Marks**

a) निम्न लिखित हिन्दी शब्दों का अंग्रेजी में अनुवाद कीजिए ।

1.   2.   3.   4.   5.

b) निम्न लिखित हिन्दी पदनामों का अंग्रेजी में अनुवाद कीजिए ।

1.   2.   3.   4.   5.

Signature of the members

SRI VENKATESWARA UNIVERSITY
B.A. / B.Com. / B.Sc. DEGREE COURSE IN SANSKRIT
FIRST YEAR - SECOND SEMESTER
(Revised Syllabus under CBCS w.e.f. 2020-21)

PAPER - II : POETRY, PROSE & GRAMMER

UNIT – I OLD POETRY:

1. "Indumateeswayamvaram", Raghuvamsam of kalidasa, 6th canto (67 to 86 slokas) Chowkhamba krishadas academy, Varanasi-2012.

2. "Deekshaapradanam", Buddacharitam of Aswagosha, 16th canto. Selected verses.

UNIT – II MODERN POETRY:

1. "Gangavataranam", Bhojas Champu Ramayanam, Balakanda.
2. "Mohapanodaha", 4th cant. Dharma Souhrudam by P.Pattabhi Ramarao, , Published by Author, Ramanth Nagar.
3. "VandeKasmeerabharatam", by Doolypala Ramakrishna from Samskrita pratibha, sahitya academy , New Delhi -2018.

UNIT – III PROSE:

1. "Avantisundarikatha", 5th Chapter. Dasakumara Charitam, Purva peetika.
2. "Charudattacharitam", Bhasakathasaraha by Y.Mahalingasastry.

UNIT - IV GRAMMAR:

1. DECLENSIONS :Nouns ending in vowels
   Nadee, Janu, vadhoo, Matru, Vana, Phala, Vaari & Madhu.
2. CONJUGATIONS
   III Conjugation- Yudh, IV Conjugation- Ish, VIII Conjugation-Likh, Kru, IX Conjugation-Kreen X, Conjugation-Kath, Ram, Vand.

UNIT – V GRAMMAR:

1. SANDHI - Halsandhi : Latva, Jastva
   -Visarga sandhi: Utva, Visargalopa, Rephadesa, Ooshma.

2.SAMASA
   Avyayeebhava, Bahruvrihi.

SRI VENKATESWARA UNIVERSITY
B.A. / B.Com. / B.Sc. DEGREE EXAMINATION IN SANSKRIT
FIRST YEAR - SECOND SEMESTER
(Revised Syllabus under CBCS w.e.f. 2020-21)
PAPER - II : POETRY, PROSE, CHAMPU & GRAMMER

MODEL QUESTION PAPER
प्रश्नापत्रप्रणाली

Time : 3 Hours   Max. Marks : 75

सूचना :- द्वितीय-तृतीय-चतुर्थ-पञ्चम-दशम-प्रश्नाः संस्कृत भाषायामेव समाधेयाः।

Q.No. 2, 3, 4, 5 & 10 Should be answered in Sanskrit Only

प्रथमो भागः (25 Marks)

1. श्लोकपूरणं भावं लिखत (नक्षत्राङ्कितश्लोकेभ्यः देयाः)	(Unit-I) 2 Out of 4	2 x 3 = 06
2. शब्दाः (सम्पूर्ण शब्दरूपाणि)	2 Out of 4	2 x 3 = 06
3. धातवः (लकारे सर्वाणि रूपाणि)	2 Out of 4	2 x 2$^{1/2}$ = 05
4. सन्धिः (नामनिर्देशपूर्वकं)	4 Out of 8	4 x 1 = 04
5. समासाः (नामनिर्देशपूर्वकं)	4 out of 8	4 x 1 = 04

25

द्वितीयो भागः (50 Marks)

6.	आन्ध्रभाषायां वा आग्लभाषायां वा अनुवदत (from Unit-III only)	2 out of 4	2 x 3 = 06
7.	निबन्धप्रश्नः (Unit-I)	1 out of 2	1 x 08 = 08
8.	निबन्धप्रश्नः (Unit-II)	1 out of 2	1 x 08 = 08
9.	निबन्ध प्रश्नः (Unit-III)	1 out of 2	1 x 08 = 08
10.	लघुप्रश्नाः (from Unit I & III)	4 out of 8	4 x 02 = 08
11.	सन्दर्भ वाक्यानि (from Unit I & III)	4 out of 8	4 x 03 = 12

50

प्रथमोभागः   - 25
द्वितीयो भागः - 50
अन्तर्गतपरीक्षा -25

100

Internal Assessment Mid-Sem   - 15
Assignment / Seminar - 5 Attendance   - 5

25

MODEL QUESTION PAPER

Time : 3 Hours   Max. Marks : 75

सूचना :- द्वितीय-तृतीय-चतुर्थ-पञ्चम-दशम-प्रश्नाः संस्कृत भाषायामेव समाधेयाः ।

Q.No. 2, 3, 4, 5 & 10 Should be answered in Sanskrit Only

प्रथमो भागः (25 Marks)

I. द्वौ श्लोकौ पूरयित्वा भावं च लिखत ।   2 x 3 = 06

1.   संचारिणी --------------भूमिपालः ॥

2.   सा चूर्णगोरं -----------मूर्तिमिवानुरागम् ॥

3.   शरीरेण गृहं ---------------- कथ्यते ॥

4.   पृथक् पृथग् -----------दीनानुपदिशन्तु तान् ॥

II. द्वयोः सम्पूर्ण शब्दरूपाणि लिखत ।   2 x 3 = 06

     1.तनु   2. मातृ   3. वारि   4. नदी

III. द्वयोः धातोः लकारे सर्वाणिरूपाणि लिखत   2 x 2$^{1/2}$ = 05

     1. एषिष्यति   2. अलिखत्

     3. करोति   4. वन्दे

IV. चतुर्णां नामनिर्देशपूर्वकं सन्धत्त   4 x 1 = 04

     1. तत्+लयः   2. अच् + अन्तः   3. नृपः + जयति

     4. नराः + इमे   5. गुरो + आज्ञा   6. धनैः + च

     7. प्रत्यङ् + आत्मा   8 सुप् + अन्तः

V. चतुर्णाः नामनिर्देशपूर्वकं विग्रहवाक्यानि लिखत   4 x 1 = 04

     1. उपकृष्णम्   2. प्रत्यक्षम्

     3. दत्तपशुः   4. सकलाः

     5. दक्षिणापूर्वा   6. उपदशाः

     7. चक्रपाणिः   8 अनुरूपम्

द्वितीयो भागः (50 Marks)

VI. द्वयोः आन्ध्रभाषायां आग्लभाषायां वा अनुवदत ।   2 x 3 = 06

     a.   सा मनसीत्थमचिन्तयत् - 'अनन्यसाधारणसौन्दर्येणानेन कस्यां पुरि भाग्यवतीनां तरुणीनां लोचनोत्सवः क्रियते? पुत्ररत्नेनामुना पुरन्ध्रीणां पुत्रवतीनां सीमन्तितनां का नाम सीमन्तमौक्तिकीक्रियते?

     b.   'सुभग कुसुमसुकुमारं जगदनवद्यं विलोक्य ते रूपम्।

         मम मानसमभिलषति त्वं चित्तं कुरु तथा मृदुलम् ॥'

c. स कदाचित्कामदेवानुयानावसरे वसन्तसेनां नाम युवजनोन्मादिनीं ललामभूता-मुज्जयिन्याः प्रतिनवयौवनोन्मेषमधुरां गणिकादारिकां दृष्ट्वा मनसिजशरव्यतामयासीत्।

d. कः श्रद्धास्यति भूतार्थं सर्वो मां तूलयिष्यति।
शङ्कनीया हि दोषेषु निष्प्रभावा दरिद्रता॥

VII.   1 x 08 = 08
a. ''इन्दुमती स्वयंवरम्'' इति पाठ्यभागस्य सारांशं लिखत

(अथवा)

b. बुद्धोपदेशान् विवृणुत।

VIII.   1 x 08 = 08
a. भगीरथः किं निमित्तीकृत्य घोरें तपस्तेपे?

(अथवा)

b. राजकुमार्याः सुनन्दायाः मोहः कथं अपनीतः?

IX.   1 x 08 = 08
a. ''अवन्तिसुन्दरीकथा'' इति पाठस्य सारांशं

(अथवा)

b. वसन्तसेनायाः पात्रचित्रणं कुरुत।

X. **चतुर्णां लघुसमाधानानि लिखत**   4x 02 = 8

1. कालिदासस्य नाटकेषु किं श्रेष्ठतमम्?

2. वनस्थः कः?

3. चम्पूरामायणस्य कर्ता कः?

4. दण्डिनः कृती लिखत?

5. मैत्रेयः वसन्तसेनां किमवोचत्?

6. अजः कस्य पुत्रः?

7. कः विमुक्तः?

8. गङ्गा कथं जह्नवी अभवत्?

9. राजवाहनः कस्यां अनुरागबद्धः?

10. मैत्रेयः चारुदत्तं किमुवाच?

XI. **चतुर्णां ससन्दर्भं वाक्यानि लिखित।**   4 x 03 = 12

1. विवर्णभावं स स भूमिपालः।

2. रत्नं समागच्छतु काञ्चनेन।

3. पुत्रशोकाद् दिवं गतः।

4. भगीरथः पुरीं प्राप परिपूर्णमनोरथः।

5. को भवान् ? कस्यां विद्यायां निपुणः?

6. निःशङ्कमित आगम्यताम् इति।

7. युवति विदघृणाया मा शरीरं च रक्ष।

8. एकाकिन्यां मयि किमकार्यमेतौ पापौ न करिष्यतः।

* * *

SUBJECT EXPERTS

Prof.G.Padmanabham
Dept of Sanskrit
Sri Venkateswara University, Tirupati

Prof. P.Varaprasada Murthy,
Dept of Telugu & Sanskrit
Acharya Nagarjuna University, Guntur

Prof. C.Lalitha Rani,
Dept of Sahitya
National Sanskrit University, Tirupati

Dr.G.Sireesha
Asst. Professor
Dept of Sanskrit
Sri Venkateswara University, Tirupati

Sri B. Surendra
Dept of Sanskrit
S.V. Oriental College, Tirupati

PART - 1(b) PAPER - II URDU POETRY

OBJECTIVES AND SUGGESTED OUTCOMES FOR THE COURSE URDU POETRY

*Objectives as per the Bloom's Taxonomy: Knowledge, Comprehension, Application, Analysis, Synthesis, and Evaluation for the **Remembering, Understanding, Applying and Analyzing, Evaluating and Creating.***

By the end of the course the students will demonstrate the following on completion of this course, the students will be able to:

- Know about the Classical and Modern Poets of Urdu and their poetry.
- Remember all the basic concepts of Urdu Masnavi.
- To create interest and awareness about the Indian Heritage and culture.
- To train the students in speaking, reading and writing skills.
- To create interest in Poetry Recitation among the students.
- Developing the Research skills in literature.

OUTCOMES
of
First Year Degree Course Second Language
Part - 1(b)Paper – II: Urdu Poetry (Semester – 2)

At the end of the course, the student is expected to demonstrate the following Cognitive abilities (thinking skill) and Psychomotor Skills as per the Bloom's Taxonomy: *Knowledge, Comprehension, Application, Analysis, Synthesis, and Evaluation for the **Remembering, Understanding, Applying and Analyzing Evaluating and Creating.***

A. Remember all the basic concepts (knowledge)
    1.Contributions of the poets in literature
B. Explains (Understanding)
    2.Theme of the of the Urdu Masnavi, Marsiya, Qasida and Rubayee
    3.Beauty and theme of the Urdu poems
C. Critically examines, (Analysis and Evaluation)
    4. Thinking and Creativity of the deferent poets of Masnavi, Marsiya and Qasida
D. Appraises (Evaluate)
    5. Urdu Masnavi, Marsiya, Qasida, Rubayee and Nazm
    6. The Rise and Growth of Masnavi, Marsiya, Qasida and Rubayee
E. Examines (Analyze)
    7. Differs between Masnavi, Marsiya, Qasida and Rubayee
F. Investigates (Create)
    8. Creating awareness int students about life attitude and environment.
G. Writes Masnavi, Marsiya, Qasida and Rubayee in their own words (Practical skills)

Chairman
BOS in Urdu
Dr. Mohd. Nisar Ahmed,
M.A, M.Phil, Ph.D.
Assistant Professor
Dept. of Arabic, Persian & Urdu
S.V. University, Tirupati-517 502.(A.P).

Paper – II: URDU POETRY

UNIT – I   **MASNAWI**
MEER HASAN – *Aaghaaz-e-Dastaan* (Sehrul Bayan)

UNIT – II   **MARSIYA**
MEER ANEES – *Jab Qataa Ki Masafat-e-Shab Aaftaab ne*
(Ibtedayi 6 Bandh)

UNIT – III   **QASEEDA**
GHALIB – *Dar Madh-e- Bahadur Shah Zafar*
(Haan Mahe Nau Sunen Hum Uska Naam)

UNIT – IV   **RUBAIYAAT**

AMJAD HYDERABADI
  1. *Rutba Jise Duniya me Khuda Deta hai*
  2. *Har Cheez Mussabab-e-Sabab se Maangoo*
SAGHAR JAYYEDI
  1. *Tareef ki Meezan pe Tul jate hain*
  2. *Zulmat ka Toofan Utha deta hai*

UNIT – V   **TA'ARUF**
Muthtasar Ta'aruf aur Sawanehi Haalat
  1. *Amjad Hyderabadi*
  2. *Saghar Jayyedi*

SUGGESTED READING:

URDU SHAIRI KA TANQEEDI MUTA'A – SUMBUL NIGAAR
TAREEK-E-ADAB-E-URDU – NOORUL HASAN NAQUI
MUKHTASAR TAREEK-E-ADAB-E-URDU – EJAZ HUSSAIN

Chairman
BOS in Urdu
Dr. Mohd. Nisar Ahmed,
M.A.,M.Phil.,Ph.D.
Assistant Professor
Dept. of Arabic, Persian & Urdu
S.V. University, Tirupati-517 502.(A.P).

SRI VENKATESWARA UNIVERSITY
B.A. / B.Com. / B.Sc. DEGREE COURSE IN URDU
FIRST YEAR - SECOND SEMESTER
(Revised Syllabus under CBCS w.e.f. 2020-21)
Paper – II: URDU POETRY
MODEL QUESTION PAPER

Time : 3 Hours   Total Marks : 75

PART - A

5X5 = 25   درج ذیل سوالوں میں سے کوئی پانچ کے جواب لکھیئے :

1   مثنوی کسے کہتے ہیں؟ اردو کی اہم مثنویوں کے نام لکھیئے ۔

2   میر حسن کا مختصر تعارف کرائیے ۔

3   نصاب میں شامل مرثیہ کا کوئی ایک بند لکھیئے ۔

4   قصیدہ کی ہیئت پر مختصر روشنی ڈالیئے ۔

5   امجد حیدر آبادی کی کوئی ایک رباعی لکھیئے ۔

6   ساغر جیدی کے بارے میں اپنی معلومات قلم بند کیجیئے ۔

7   نصاب میں شامل کوئی ایک رباعی لکھ کر ردیف اور قافیہ کی نشان دہی کیجیئے ۔

8   مرثیہ کے اجزائے ترکیبی کیا ہیں؟

9   غالب کا مختصر تعارف پیش کیجیئے ۔

10   مرثیہ اور شخصی مرثیہ کے فرق کو واضح کیجیئے ۔

PART - B

5X10 = 50   درج ذیل کے تمام سوالات کے جواب لکھیئے ۔

11.(a)   اردو مثنوی کے آغاز اور ارتقا پر روشنی ڈالیئے ۔

(یا)

(b.)   مثنوی ''سحر البیان'' کا قصہ اپنے الفاظ میں لکھیئے ۔

12.(a)   اردو مرثیہ کے فن پر روشنی ڈالیئے۔

(یا)

(b.)   میر انیس کی مرثیہ نگاری کا جائزہ لیجیئے۔

13.(a)   غالب کی قصیدہ گوئی پر نوٹ لکھیئے۔

(یا)

(b.)   نصاب میں شامل قصیدہ کی خصوصیات کی نشاندہی کیجیئے۔

14.(a)   امجد حیدرآبادی کی رباعی گوئی پر تفصیلی نوٹ لکھیئے۔

(یا)

(b.)   ساغر جیدی کی رباعی کی خصوصیات کیا ہیں؟ تفصیل سے لکھیئے۔

15.(a)   امجد حیدرآبادی کی حیات اور شخصیت پر روشنی ڈالیئے۔

(یا)

(b.)   ساغر جیدی کی سوانح حیات پر مضمون لکھیئے۔

SRI VENKATES WARA UNIVERSITY
SKILL DEVELOPMENT COURSE
SCIENCE STREAM
FIRST YEAR - SECOND SEMESTER
(UNDER CBCS W.E.F. 2020-21)
SOLAR ENERGY

Total 30 hrs (02h/wk),   *02 Credits & Max Marks: 50*

Learning Outcomes:
After successful completion of the course, students will be able to:
1. *Acquire knowledge onsolarradiation principles with respect to solar energy estimation.*
2. *Get familiarized with various collecting techniques of solar energy and its storage*
3. *Learn the solar photovoltaic technology principles and different types of solar cells for energy conversion and different photovoltaic applications.*
4. *Understand the working principles of several solar appliances like Solar cookers, Solar hot water systems, Solar dryers, Solar Distillation, Solar greenhouses*

SYLLABUS:
UNIT-I – Solar Radiation: (6 hrs)
Sun as a source of energy, Solar radiation, Solar radiation at the Earth's surface, Measurement of Solar radiation-Pyroheliometer, Pyranometer, Sunshine recorder, Prediction of available solar radiation, Solar energy-Importance, Storage of solar energy, Solar pond

UNIT-II – Solar Thermal Systems: (10 hrs)
Principle of conversion of solar radiation into heat, Collectors used for solar thermal conversion: Flat plate collectors and Concentrating collectors, Solar Thermal Power Plant, Solar cookers, Solar hot water systems, Solar dryers, Solar Distillation, Solar greenhouses.

UNIT-III – Solar Photovoltaic Systems: (10 hrs)
Conversion of Solar energy into Electricity - Photovoltaic Effect, Solar photovoltaic cell and its working principle, Different types of Solar cells, Series and parallel connections, Photovoltaic applications: Battery chargers, domestic lighting, street lighting and water pumping
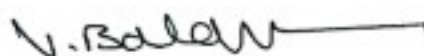
Co-curricular Activities (Hands on Exercises): (04 hrs)
[Any four of the following may be taken up]
1. *Plot sun chart and locate the sun at your location for a given time of the day.*
2. *Analyse shadow effect on incident solar radiation and find out contributors.*
3. *Connect solar panels in series & parallel and measure voltage and current.*
4. *Measure intensity of solar radiation using Pyranometer and radiometers.*
5. *Construct a solar lantern using Solar PV panel (15W)*
6. *Assemble solar cooker*
7. *Designing and constructing photovoltaic system for a domestic house requiring 5kVA power*
8. *Assignments/Model Exam.*

Reference Books:

1. Solar Energy Utilization, G. D. Rai, Khanna Publishers
1. Solar Energy- Fundamentals, design, modeling & applications, G.N. Tiwari, Narosa Pub., 2005.
2. Solar Energy-Principles of thermal energy collection & storage, S.P. Sukhatme, Tata Mc-Graw Hill Publishers, 1999.
3. Solar Photovoltaics- Fundamentals, technologies and applications, Chetan Singh Solanki, PHI Learning Pvt. Ltd.,
4. Science and Technology of Photovoltaics, P. Jayarama Reddy, BS Publications, 2004.

V. Balan

BOS chairman

SRI VENKATES WARA UNIVERSITY
SKILL DEVELOPMENT COURSE
SCIENCE STREAM
FIRST YEAR - SECOND SEMESTER
(UNDER CBCS W.E.F. 2020-21)

SOLAR ENERGY

MODEL QUESTION PAPER

Max. Marks : 50   Time :1 ½ hrs (90 minutes)

(4x5M=20 Marks)

SECTION – A

Answer any four questions. Each answer carries 5 Marks

1. Explain solar Radiation at the Earth's surface

2. Write short note on solar pond.

3. Explain Pyranometer.

4. Explain the Principal of conversion of solar radiation into heat

5. Write a note on solar green houses

6. Describe about solar cookers

7. Write a note on battery charges.

8. Mention the applications of photo voltaic system

SECTION - B   (3x10M=30 Marks)

Answer any four questions. Each answer carries 10 Marks

1. Explain solar energy storage systems

2. Describe the experimental set up used in measurement of solar radiation by pyroheliometer.

3. Explain the flat plate collectors

4. Explain the concentrating collectors

5. What is photo voltaic effect? describe working Principal of solar photo voltaic cell

6. Explain various solar cells.

FRUITS AND VEGETABLES PRESERVATION

Total 30 hrs (02h/wk),   02 Credits & Max Marks: 50

Learning Outcomes:

On successful completion of this course the students will be able to;
1. *Identify various types of fruits and vegetables and explain their nutritive value.*
2. *Understand the fragile nature of fruits and vegetables and causes for their damage.*
3. *Explain various methods of preservation for fresh fruits and vegetables.*
4. *Get to know the value-added products made from fruits and vegetables.*

Syllabus:

Unit – 1 : Introduction to fruits and vegetables   06 Hrs**.**

1. Fruits: Definition, elementary knowledge on types of fruits (fleshy and dry) with local /common examples.
2. Vegetables: Definition, elementary knowledge on types of vegetables (root, leafy, stem, flower and fruit) with local/ common examples.
3. Importance of fruits and vegetables in human nutrition.
4. Concept of perishable plant products – maturation and spoilage, shelf life; preservation – definition and need for preservation of fruits and vegetables.

Unit – 2 :Preservation of Fruit   9 Hrs**.**

1. Fruits – ripening and biological aging; storage and preservation concerns.
2. Preservation of fresh fruits at room temperature and in cold storage.
3. Fruit preservation at room temperatue as juices, squashes and syrups.
4. Preservation of fruits by application of heat; making of fruit products (jams, jellies and fruit slices in processing factories).
5. Preservation by dehydration (Eg. banana chips), application of sugar (Eg. mango candy), application of salt (pickling).
6. Fruit preservation by freezing – storage at the lowest temperatures.

Unit – 3 :Preservation of vegetables   09 Hrs**.**

1. Vegetables – losses after harvesting and causes; problems in handling and storage.
2. Modern methods of packaging and storage to reduce losses.
3. Trimming of vegetables and packing in cartons; dehydration technique -factory processing.
4. Making of vegetable products (flakes/chips of potato and onion; garlic powder).
5. Frozen vegetables – Carrots, Cauliflower, Okra and Spinach.
6. Preservation of sliced vegetables in factories by canning and bottling.

Suggested Co-curricular activities (6 Hrs.)
1. Assignments/Group discussion/Quiz/Model Exam.
2. Invited lecture and demonstration by local expert
3. Exhibition of various types of locally available fruits and vegetables.
4. Hands on training on handling and packaging methods of fresh fruits and vegetables.
5. Hands on training on making fruit juices.
6. Display of various preserved fruit products available in local markets.
7. Hands on training on making of potato, yam, onion chips.
8. Display of various preserved vegetable products available in local markets.
9. Watching videos on preservation of fruits and vegetables.
10. Visit to Horticulture University or research station to learn about value added products of fruits and vegetables.

Suggested text books/reference books :

1. Giridharilal, G. S. Siddappa and G.L.Tandon(2007) *Preservation of Fruits and Vegetables,* Indian Council of Agri. Res., New Delhi
2. Srivastava, R.P., and Sanjeev Kumar (2019) *Fruit and Vegetable Preservation : Principles and Practices,* CBS Publishers & Distributors Pvt., Ltd., New Delhi
3. Thompson, A.K. (1995) *Post Harvest Technology of Fruits and Vegetables*. Blackwell Sci.,U.K.
4. Verma, L.R. and V.K. Joshi (2000) *Post Harvest Technology of Fruits and Vegetables.* Indus Publ., New Delhi

SRI VENKATES WARA UNIVERSITY
SKILL DEVELOPMENT COURSE
SCIENCE STREAM
FIRST YEAR - SECOND SEMESTER
(UNDER CBCS W.E.F. 2020-21)

FRUITS AND VEGETABLES PRESERVATION

MODEL QUESTION PAPER

Max. Marks: 50   *Time: 1½ hrs (90 Minutes)*

SECTION- A   (4x5M=20 Marks)

Answer any four questions. Each answer carries 5 marks
(At least 1 question should be given from each Unit)

1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	

SECTION B   (3x10M = 30 Marks)

Answer any three questions. Each answer carries 10 marks
(At least 1 question should be given from each Unit)

1.	
2.	
3.	
4.	
5.	

***

DAIRY TECHNOLOGY
Total 30 hrs (02h/wk), 02 Credits & Max 50 Marks

Learning Outcomes:
 After successful completion of the course, students will be able to;

1. Understand the pre-requisites for starting a Dairy farm

2. Recognize different breeds of Cows & buffaloes following safety precautions.

3. Prepare and give recommended feed and water for livestock

4. Maintain health of livestock along with productivity

5. Vaccination of cattle, nutrients requirements

6. Entrepreneurship i.e., Effectively market dairy products

7. Ensure safe and clean dairy farm and Standard safety measures to be taken in establishing am industry

8. Efficiently start and manage to establish or develop a Dairy Industry

SYLLABUS:

Section I (Introduction and Establishment of a Dairy Farm):   **05 Hrs**

Dairy development in India – Dairy Cooperatives (NDRI, NDDB, TCMPF)(1hr)
Constraintsof Present Dairy Farmingand Future Scope of Dairy Farmer.(1 hr)
Selection of site for dairy farm; Systems of housing – Loose housing system,
Conventional Dairy Farm; Records to be maintained in a dairy farm. (2 hrs)

Section II (Livestock Identification and Management): 13 Hrs

Breeds of Dairy Cattle and Buffaloes – Identification of Indian cattle and buffalo
breeds and Exotic breeds; Methods of selection of Dairy animals. (5 hrs)
Systems of inbreeding and crossbreeding. (2 hrs)
Weaning of calf, Castration, Dehorning, Deworming and Vaccination programme (3 hrs)
Care and management of calf, heifer, milk animal, dry and pregnant animal, bulls and
bullocks. (3 hrs)

Section III (Feed Management, Dairy Management, Cleaning and Sanitation): 8 Hrs

Basic Principles of Feed, Important Feed Ingredients, Feed formulation and Feed Mixing(2 hrs)

Operation Flood –Definition of Milk and Nutritive value of milk and ICMR recommendation of nutrients –Per Capita Milk production and availability in India and Andhra Pradesh -Methods of Collection and Storage of Milk–Labelling and Storage of milk products (4 hrs)

Cleaning and sanitation of dairy farm – Safety precautions to prevent accidents in an industry. (2 hrs)

Co-curricular Activities Suggested: (4 hrs)

1. Group discussion&SWOT analysis
2. Visit to a Dairy Farm
3. Visit to Milk Cooperative Societies
4. Visit to Feed Milling Plants
5. Market Study and Identification of Government Schemes, Insurance and Bank Loans in relation to dairy farming

Reference books:

1. Dairy Science: Petersen (W.E.) Publisher – Lippincott & Company
2. Principles and practices of Dairy Farm –Jagdish Prasad
3. Text book of Animal Husbandry - G C Benarjee
4. Hand book of Animal Husbandry - ICAR Edition
5. Outlines of Dairy Technology – Sukumar (De) – Oxford University press
6. Indian Dairy Products – Rangappa (K.S.) & Acharya (KT) – Asia Publishing House.
7. The technology of milk Proceesing – Ananthakrishnan, C.P., Khan, A.Q. and Padmanabhan, P.N. – Shri Lakshmi Publications.
8. Dairy India 2007, Sixth edititon
9. Economics of Milk Production – Bharati Pratima Acharya Publishers.
10. http://www.asci-india.com/BooksPDF/Dairy%20Farmer%20or%20Entrepreneur.pdf
11. https://labour.gov.in/industrial-safety-health

DAIRY TECHNOLOGY

MODEL QUESTION PAPER & PATTERN

Max. Marks: 50   **Time: 1 1/2 hrs (90 Minutes)**

SECTION A   (Total: 4x5=20 Marks)

(Answer any **four questions**. Each answer carries **5 marks**
(At least 1 question should be given from each Unit)

1. Conventional Dairy Farm
2. Animal Inbreeding
3. Sanitation of Dairy Farm
4. Dairy development in India
5. Feed Mixing
6. Deworming
7. Milk Storage Methods
8. Identification of characters of any Two Dairy cattle

SECTION B   (Total: 3x10 = 30 Marks)

(Answer any **three questions**. Each answer carries **10 marks**
(At least 1 question should be given from each Unit)

1. Write an essay on Dairy development in India, its current position and future scenario.

2. List our different methods involved in selection of dairy animals and discuss briefly.

3. Give an account of feed ingredients and feed management required for dairy animals.

4. Explain different methods of collection of milk.

5. Explain two methods of systems of housing of dairy animals.
@@@@@

Note: Please read the following in addition to the Guidelines sent.

1. *In Unit-2 and Unit-3, Sub-titles highlighted in Yellow colour are Skills. Sub-titles not highlighted are of Theoretical base.*
2. *Skills, though separately shown, shall also have 'content' to be learnt and written in the examination by the students.*
3. *The field (hands on) skills are learnt through the Co-curricular Activities.*
4. *One or two books referred shall be related to 'learning of skills'*
5. *Topics and syllabus may be prepared keeping all (BA/BSc/BCom) urban as well as rural students in view.*

BUSINESS COMMUNICATION

Total 30 hrs (02hrs/wk), 02 Credits, Max 50 marks

Learning Outcomes:

Aftersuccessful completion of this course, students will be able to;

1. *Understand the types of business communication and correspondence*
2. *Comprehend the processes like receiving, filing and replying*
3. *Acquire knowledge in preparing good business communications*
4. *Acquaint with organizational communication requirements and presentations.*

SYLLABUS:

UNIT I : 06hrs

   Introduction and Importance of communication an overview - meaning and process of communication - organizational communication and its barriers.

UNIT II: 10hrs

Types of Business Communications –Categories, methods and formats - Business vocabulary - Business idioms and collocations – OrganisationalHierarchy - Various levels of communication in an organization – Top-down, Bottom-up and Horizontal-Business reports, presentations– Online communications.

UNIT III: 10hrs

Receiving business communications -Filing and processing -Sending replies. Routine cycle of communications – Writing Communications - Characteristics of a good business communication -Preparation of business meeting agenda – agenda notes - minutes –circulation of minutes – Presentations of communication using various methods.

Recommended Co-curricularActivities (04hrs):

1. Collection of various model business letters
2. Invited lecture/field level training by a local expert
3. Reading of various business reports and minutes and its analysis
4. Presentations of reports, charts etc.
5. Assignments, Group discussion, field visit etc.

Reference books:

1. Chaturvedi. P.D.Chaturvedi.M - Business Communication concepts, Cases and applications - Pearsons Education
2. Kaul Asha - Effective Business Communication - PHI Learning pvt Ltd
3. www.swayam.gov.in
4. Websites on business communication

SRI VENKATESWARA UNIVERSITY
SKILL DEVELOPMENT COURSES
COMMERCE STREAM
FIRST YEAR - SECOND SEMESTER
(UNDER CBCS W.E.F. 2020-21)
BUSINESS COMMUNICATION

MODEL QUESTION PAPER

Max. Marks: 50   Time: 1 1/2 hrs (90 Minutes)

SECTION A   (Total: 4x5=20 Marks)

(Answer any four questions. Each answer carries 5 marks
(At least 1 question should be given from each Unit)

1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	

SECTION B   (Total: 3x10 = 30 Marks)
(Answer any three questions. Each answer carries 10 marks
(At least 1 question should be given from each Unit)

1.	
2.	
3.	
4.	
5.	

@ @ @ @ @

SRI VENKATESWARA UNIVERSITY
SKILL DEVELOPMENT COURSES
COMMERCE STREAM
FIRST YEAR - SECOND SEMESTER
(UNDER CBCS W.E.F. 2020-21)

LOGISTICS AND SUPPLY CHAIN MANAGEMENT
Total 30 hrs (02h/wk), 02 Credits & Max 50 Marks

<u>**Learning Outcomes:**</u>
At the successful completion of the course, the student will able to;
1. *Summarize relationship between marketing and Logistic Management*
2. *Understand the concepts of Supply Chain Management in connection with products.*
3. *Understanding various types of seller and suppliers*
4. *Evaluate best logistic method among all means of transport operations*
5. *Analysis of different distribution strategies - online and physical distribution*
6. *Compare the Logistics in National and International Scenario.*
7. *Design and develop new methods and models of Logistics in SCM*

SYLLABUS:

Unit-1: Introduction to Logistics and Supply Chain Management (SCM):

Functions of Logistics - Structure of logistics - Logistics Costs - Modes of Logistics - Logistics in 21st Century -- Role of Supply Chain Management - Design and Development of Supply Chain Network - Different types of Supply Chain Networks

Unit-II: Logistics:
Customer Selection - Process **-**Customer Service and Customer Retention – Relationship Management - Integrating Logistics and Customer Relationship Management

Unit-III: Supply Chain Management:
Managing and Estimating Supply Chain Demand – Forecasting Techniques – Supplier Networks –Skills to Manage SCM - Recent Trends in SCM

Suggested Co-curricular Activities:
1. Invited lecture from Domain/Industry Experts
2. Field Visit (Manufacturing units, Suppliers)
3. Assignments, Seminars, Group Discussion, Quiz and Role Play
4. Poster presentations on SCM
5. Case Study Development

References:

1. Shailesh Kasande, Materials and logistics Management, NiraliPrakashan
2. Jhamb LC, Materials and logistics Management, Everest Publishing House.
3. Martin Christopher,Logistics & Supply Chain Management, Prentice Hall.
4. Alan Rushton, Phil Croucher & Peter Baker (CILT), Logistics and Distribution Management,Kogan Page Ltd.
5. G. Raghuram , Logics and Supply Chain Management, Macmillan.
6. Dr. Gopal Krishnan – Material Management Rearview, Pearson New Delhi.
7. B.S. Sahay, Macmillan, Supply Chain Management, Pearson Education.
8. Bowersox, Closs & Cooper, Supply Chain Logistics Management, McGraw-Hill.
9. Websites on Logistics and supply chain management.

SRI VENKATESWARA UNIVERSITY
SKILL DEVELOPMENT COURSES
COMMERCE STREAM
FIRST YEAR - SECOND SEMESTER
(UNDER CBCS W.E.F. 2020-21)

LOGISTICS AND SUPPLY CHAIN MANAGEMENT

MODEL QUESTION PAPER

Max. Marks: 50   Time: 1 1/2 hrs (90 Minutes)

SECTION A   (Total: 4x5=20 Marks)
(Answer any four questions. Each answer carries 5 marks
(At least 1 question should be given from each Unit)

1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	

SECTION B   (Total: 3x10 = 30 Marks)
(Answer any three questions. Each answer carries 10 marks
(At least 1 question should be given from each Unit)

1.	
2.	
3.	
4.	
5.	

@ @ @ @ @

SRI VENKATESWARA UNIVERSITYB.A. / B.Com. / B.Sc. DEGREE COURSES
LIFE SKILL COURSE

FIRST YEAR – SECOND SEMESTER
UNDER CBCS W.E.F. 2020-21

INFORMATION & COMMUNICATION TECHNOLOGY

Semester	Course Code	Course Title	Hours	Credits
II	Life skill Course	**INFORMATION & COMMUNICATION TECHNOLOGY**	30	2

Objectives:

This course aims at acquainting the students with basic ICT tools which help them in their day to day and life as well as in office and research.

Course outcomes: After completion of the course, student will be able to;

1. Understand the literature of social networks and their properties.
2. Explain which network is suitable for whom.
3. Develop skills to use various social networking sites like twitter, flickr, etc.
4. Learn few GOI digital initiatives in higher education.
5. Apply skills to use online forums, docs, spreadsheets, etc for communication, collaboration and research.
6. Get acquainted with internet threats and security mechanisms.

SYLLABUS:

UNIT-I: (08 hrs)

Fundamentals of Internet: What is Internet?, Internet applications,Internet Addressing – Entering a Web Site Address, URL–Components of URL, Searching the Internet, Browser –Types of Browsers,Introduction to Social   Networking: Twitter, Tumblr, LinkedIn, Facebook, flickr, Skype, yahoo, YouTube, WhatsApp .

UNIT-II:(08 hrs)

E-mail: Definition of E-mail -Advantages and Disadvantages –User Ids, Passwords, Email Addresses, Domain Names, Mailers, Message Components, MessageComposition, Mail Management.

G-Suite: Google drive, Google documents, Google spread sheets, Google Slides and Google forms.

UNIT-III:(10 hrs)

Overview of Internet security, E-mail threats and secure E-mail, Viruses and antivirus software, Firewalls, Cryptography, Digital signatures, Copyright issues.

What are GOI digital initiatives in higher education? (SWAYAM, SwayamPrabha, National Academic Depository, National Digital Library of India, E-Sodh-Sindhu, Virtual labs, e-acharya, e-Yantra and NPTEL).

RECOMMENDED CO-CURRICULAR ACTIVITIES: (04 hrs)

(Co-curricular activities shall not promote copying from textbook or from others work and shall encourage self/independent and group learning)

1.   Assignments(in writing and doing forms on the aspects of syllabus content and outside the syllabus content. Shall be individual and challenging)
2.   Student seminars (on topics of the syllabus and related aspects (individual activity))
3.   Quiz and Group Discussion
4.   Slip Test
5.   Try to solve MCQ's available Online.
6.   Suggested student hands on activities :
     a.   Create your accounts for the above social networking sites and explore them, establish a video conference using Skype.
     b.   Create an Email account for yourself- Send an email with two attachments to another friend. Group the email addresses use address folder.
     c.   Register for one online course through any of the online learning platforms like NPTEL, SWAYAM, Alison, Codecademy, Coursera. Create a registration form for your college campus placement through Google forms.

Reference Books :
1.   In-line/On-line : Fundamentals of the Internet and the World Wide Web, 2/e – byRaymond Greenlaw and Ellen Hepp, Publishers : TMH
2.   Internet technology and Web design, ISRD group, TMH.
3.   Information Technology – The breaking wave, Dennis P.Curtin, Kim Foley, Kunai Sen and Cathleen Morin, TMH.

SRI VENKATESWARA UNIVERSITY

B.A. / B.Com. / B.Sc. DEGREE COURSES
LIFE SKILL COURSE

FIRST YEAR – SECOND SEMESTER
UNDER CBCS W.E.F. 2020-21

INFORMATION & COMMUNICATION TECHNOLOGY

MODEL QUESTION PAPER

Time: 1 ½ hours (90 Min.)   **Marks: 50 marks**

PART – A

Answer any _Four_ of the following question.   **(4X5=20M)**

1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	

PART – B

Answer any _Three_ The Questions. Each question carries 10 marks

(3X10= 30M)

9.	
10.	
11.	
12.	
13.	
14.	