SRI VENKATESWARA UNIVERSITY : TIRUPATI

B.A./B.Sc. MATHEMATICS

REVISED SYLLABUS FOR CORE COURSES

CBCS/ SEMESTER SYSTEM

(w.e.f. 2020-21 Admitted Batch)

CORE COURSES STRUCTURE

(Sem-I to Sem-IV)

Course	Subject	Hrs.	Credits	IA	ES	Total
Course -I	Differential Equations & Differential Equations Problem Solving Sessions	6	5	25	75	100
Course -II	Three dimensional analytical Solid geometry & Three dimensional analytical Solid Geometry Problem Solving Sessions	6	5	25	75	100
Course -III	Abstract Algebra & Abstract Algebra Problem Solving Sessions	6	5	25	75	100
Course -IV	Real Analysis & Real Analysis Problem Solving Sessions	6	5	25	75	100
Course -V	Linear Algebra & Linear Algebra Problem Solving Sessions	6	5	25	75	100

SRI VENKATESWARA UNIVERSITY : TIRUPATI

SEMESTER-I

CBCS/ SEMESTER SYSTEMB.A./B.Sc. MATHEMATICS (w.e.f. 2020-21 admitted Batch)
DIFFERENTIAL EQUATIONS
SYLLABUS (75 Hours)

Course Outcomes:

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

1. Solve linear differential equations
2. Convert non-exact homogeneous equations to exact differential equations by using integrating factors.
3. Know the methods of finding solutions of differential equations of the first order but not of the first degree.
4. Solve higher-order linear differential equations, both homogeneous and non homogeneous, with constant coefficients.
5. Understand the concept and apply appropriate methods for solving differential equations.

Course Syllabus:

UNIT – I (12 Hours)

Differential Equations of first order and first degree:

Linear Differential Equations; Differential equations reducible to linear form; Exact differential equations; Integrating factors; Change of variables.

UNIT – II (12 Hours)

Differential Equations of first order but not of the first degree:

Equations solvable for *p*; Equations solvable for *y*; Equations solvable for *x*; Equations that do not contain x (or y); Equations homogeneous in x and y; Equations of the first degree in *x* and *y* – Clairaut's Equation.

UNIT – III (12 Hours)

Higher order linear differential equations-I:
Solution of homogeneous linear differential equations of order n with constant coefficients; Solution of the non-homogeneous linear differential equations with constant coefficients by means of polynomial operators.

General Solution of f(D)y=0. General Solution of f(D)y=Q when Q is a function of x,

P.I. of f(D)y = Q when Q= be^{ax}

P.I. of f(D)y = Q when Q is bsinax or bcos ax.

UNIT – IV (12 Hours)

Higher order linear differential equations-II:

Solution of the non-homogeneous linear differential equations with constant coefficients.
P.I. of f(D)y = Q when Q= bx^k
P.I. of f(D)y = Q when Q= $e^{ax}V$ **,** where V is a function of x.
P.I. of f(D)y = Q when Q= xV **,** where V is a function of x.

UNIT –V (12 Hours)

Higher order linear differential equations-III :

Method of variation of parameters; Linear differential Equations with non-constant coefficients; The Cauchy-Euler Equation, Legendre's linear equations.

Co-Curricular Activities(15 Hours)

Seminar/ Quiz/ Assignments/ Applications of Differential Equations to Real life Problem /Problem Solving.

Text Book :

Differential Equations and Their Applications by Zafar Ahsan, published by Prentice-Hall of India Pvt. Ltd, New Delhi-Second edition.

Reference Books :

1.A text book of Mathematics for B.A/B.Sc, Vol 1, by N. Krishna Murthy & others, published by S.Chand & Company, New Delhi.
2.Ordinary and Partial Differential Equations by Dr. M.D,Raisinghania, published by S. Chand & Company, New Delhi.
3.Differential Equations with applications and programs – S. Balachandra Rao & HR Anuradha-Universities Press.
4.Differential Equations -Srinivas Vangala & Madhu Rajesh, published by Spectrum University Press.

Dr.G.Sreenivasulu Reddy, BOS Chairman.

Mathematics, S.V.University, Tirupati

Recommended Question Paper Patterns and Models BLUE PRINT FOR

QUESTION PAPER PATTERN COURSE-I, DIFFERENTIAL EQUATIONS

Unit	**TOPIC**	**S.A.Q**(including choice)	**E.Q**(including choice)	**Total Marks**
I	Differential Equations of 1^{st} order and 1^{st} degree	2	2	30
II	Orthogonal Trajectories, Differential Equations of 1^{st} order but not of 1^{st} degree	2	2	30
III	Higher Order Linear Differential Equations (with constant coefficients) – I	1	2	25
IV	Higher Order Linear Differential Equations (with constant coefficients) – II	2	2	30
V	Higher Order Linear Differential Equations- III (with non constant coefficients)	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

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Total Marks = 75 M

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SRI VENKATESWARA UNIVERSITY : TIRUPATI

CBCS/ SEMESTER SYSTEM

I SEMESTER

(W.e.f 2020-21 Admitted Batch) B.A./B.Sc. MATHEMATICS

SE-I, DIFFERENTIAL EQUATIONS

MATHEMATICS MODEL PAPER

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

SECTION - A

Answer any FIVE questions. Each question carries FIVE marks5 X 5 M=25 M

1. Solve $x\frac{dy}{dx}+2y-x^2\log x=0$
2. Solve $y + px = p^2x^4$.
3. Solve $(px - y)(py + x) = 2p$
4. Solve $(D^2 - 3D + 2) = \cosh x$
5. Solve $(D^2-3D+2)y=\sin e^{-x}$
6. Solve $(D^2-6D+13)y=8e^x\sin 2x$
7. Solve $(D^2 - 4D + 3)y = \sin 3x \cos 2x$.
8. Solve $x^2y'' - 2x(1 + x)y' + 2(1 + x)y = x^3$

SECTION - B

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

9 a) Solve $(xy^3+y)dx+2(x^2y^2+x+y^4)dy=0$

(Or)

9b). Solve $\frac{dy}{dx}(x^2y^3+xy)=1$

10.a) Solve $p^2+2py\cot x=y^2$

(Or)

10 b) Find the orthogonal trajectories of the family of curves $x^{2/3}+y^{2/3}=a^{2/3}$ where 'a' is the parameter.

11a) Solve $(D^3+D^2-D-1)y=\cos 2x$

(Or)

11b) Solve $(D^2-4D+3)y=\sin 3x\ \cos 2x$

12 a) Solve $(D^2 - 2D + 4)y = 8(x^2 + e^{2x} + \sin 2x)$

(Or)

12b) Solve $(D^2 + 3D + 2)y = x e^x \sin x$

13a) Solve $(D^2 - 2D)y = e^x \sin x$ by the method of variation of parameters.

(Or)

13 b) Solve $3x^2 \frac{d^2y}{dx^2} + x\frac{dy}{dx} + y = x$

Dr.G.Sreenivasulu Reddy, BOS Chairman.

Mathematics, S.V.University, Tirupati.

SRI VENKATESWARA UNIVERSITY :: TIRUPATI

FIRST YEAR B.Sc. PHYSICS (WITH MATHEMATICS)
FIRST SEMESTER

Revised Syllabus Under CBCS W.E.F. 2020-21

STRUCTURE

Year	***Semester***	***Course***	***Title of the Course***	***Marks***	***No.ofHrs /Week***	***No.of Credits***
I	I	I	Mechanics, Waves and Oscillations	100	4	03
			Practical Course- I	50	2	02

SRI VENKATESWARA UNIVERSITY :: TIRUPATI

FIRST YEAR B.Sc. PHYSICS (WITH MATHEMATICS)
FIRST SEMESTER

Revised Syllabus Under CBCS W.E.F. 2020-21

Course I: MECHANICS, WAVES AND OSCILLATIONS

Work load: 60 hrs per semester **4 hrs/week**

Course outcomes:

On successful completion of this course, the students will be able to:

- *Understand Newton's laws of motion and motion of variable mass system and its application to rocket motion and the concepts of impact parameter, scattering cross section.*
- *Apply the rotational kinematic relations, the principle and working of gyroscope and itapplicationsand the precessional motion of a freely rotating symmetric top.*
- *Comprehend the general characteristics of central forces and the application of Kepler's laws to describe the motion of planets and satellite in circular orbit through the study of law of Gravitation.*
- *Understand postulates of Special theory of relativity and its consequences such as length contraction, time dilation, relativistic mass and mass-energy equivalence.*
- *Examinephenomena of simple harmonic motionand the distinction between undamped, damped and forced oscillations and the concepts of resonance and quality factor with reference to damped harmonic oscillator.*
- *Appreciate the formulation of the problem of coupled oscillations and solve them to obtain normal modes of oscillation and their frequencies in simple mechanical systems.*

- *Figure outthe formation of harmonics and overtones in a stretched string and acquire the knowledge on Ultrasonic waves, their production and detection and their applications in different fields.*

UNIT-I:

1. **Mechanics of Particles** **(5 hrs)**

Review of Newton's Laws of Motion, Motion of variable mass system, Motion of a rocket, Multistage rocket, Concept of impact parameter, scattering cross-section, Rutherford scattering- Derivation.

2. **Mechanics of Rigid bodies** **(7 hrs)**

Rigid body, rotational kinematic relations, Equation of motion for a rotating body, Angular momentum and Moment of inertia tensor, Euler equations, Precession of a spinning top, Gyroscope, Precession of the equinoxes

Unit-II:

3. **Motion in a Central Force Field** **(12hrs)**

Central forces, definition and examples, characteristics of central forces, conservative nature of central forces, Equation of motion under a central force, Kepler's laws of planetary motion- Proofs, Motion of satellites, Basic idea of Global Positioning System (GPS),

UNIT-III:

4. **Relativistic Mechanics** **(12hrs)**

Introduction to relativity, Frames of reference, Galilean transformations, absolute frames, Michelson-Morley experiment, negative result, Postulates of Special theory of relativity, Lorentz transformation, time dilation, length contraction, variation of mass with velocity, Einstein's mass-energy relation

Unit-IV:

5. **Undamped, Damped and Forced oscillations: (07 hrs)** Simple harmonic oscillator and solution of the differential equation, Damped harmonic oscillator, Forced harmonic oscillator – Their differential equations and solutions, Resonance, Logarithmic decrement, Relaxation time and Quality factor.

6. **Coupled oscillations:** **(05 hrs)**

Coupled oscillators-Introduction, Two coupled oscillators, Normal coordinates and Normal modes- N-coupled oscillators and wave equation.

Unit-V:

7. **Vibrating Strings:** **(07 hrs)**

Transverse wave propagation along a stretched string, General solution of wave equation and its significance, Modes of vibration of stretched string clamped at ends, Overtones and Harmonics,Melde's strings.

8. **Ultrasonics:** **(05 hrs)**

Ultrasonics, General Properties of ultrasonic waves, Production of ultrasonics by piezoelectric and magnetostriction methods, Detection of ultrasonics, Applications of ultrasonic waves.

REFERENCE BOOKS:

- B. Sc. Physics, Vol.1, Telugu Academy, Hyderabad
- Fundamentals of Physics Vol. I - Resnick, Halliday, Krane ,Wiley India 2007
- College Physics-I. T. Bhimasankaram and G. Prasad. Himalaya Publishing House.
- University Physics-FW Sears, MW Zemansky& HD Young,Narosa Publications, Delhi
- Mechanics, S.G.Venkatachalapathy, Margham Publication, 2003.
- Waves and Oscillations. N. Subramanyam and Brijlal, VikasPulications.
- Unified Physics - Waves and Oscillations, Jai PrakashNath&Co.Ltd.
- Waves & Oscillations. S.Badami, V. Balasubramanian and K.R. Reddy, Orient Longman.
- The Physics of Waves and Oscillations, N.K.Bajaj, Tata McGraw Hill
- Science and Technology of Ultrasonics- Baldevraj, Narosa, New Delhi,2004

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Practical Course 1: Mechanics, Waves and Oscillations

Work load: 30 hrs per semester **2 hrs/week**

Course outcomes (Practicals):

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

- Perform experiments on Properties of matter such as the determination of moduli of elasticity *viz.*, Young's modulus, Rigidity modulus of certain materials; Surface tension of water , Coefficient of viscosity of a liquid , Moment of inertia of some regular bodies by different methods and compare the experimental values with the standard values.
- Know how to determine the acceleration due to gravity at a place using Compound pendulum and Simple pendulum.
- Notice the difference between flat resonance and sharp resonance in case of volume resonator and sonometer experiments respectively.
- Verify the laws of transverse vibrations in a stretched string using sonometer and comment on the relation between frequency, length and tension of a stretched string under vibration.
- Demonstrate the formation of stationary waves on a string in Melde's string experiment.
- Observe the motion of coupled oscillators and normal modes.

Minimum of 6 experiments to be done and recorded:

1. Young's modulus of the material of a bar (scale) by uniform bending
2. Young's modulus of the material a bar (scale) by non- uniform bending
3. Surface tension of a liquid by capillary rise method
4. Viscosity of liquid by the flow method (Poiseuille's method)
5. Bifilar suspension –Moment of inertia of a regular rectangular body.
6. Fly-wheel -Determination of moment of inertia
7. Rigidity modulus of material of a wire-Dynamic method (Torsional pendulum)
8. Volume resonator experiment

9. Determination of 'g' by compound/bar pendulum
10. Simple pendulum- normal distribution of errors-estimation of time period and the error of the mean by statistical analysis
11. Determination of the force constant of a spring by static and dynamic method.
12. Coupled oscillators
13. Verification of laws of vibrations of stretched string –Sonometer
14. Determination of frequency of a bar –Melde's experiment.
15. Study of a damped oscillation using the torsional pendulum immersed in liquid-decay constant and damping correction of the amplitude.

RECOMMENDED CO-CURRICULAR ACTIVITIES:

MEASURABLE

- Assignments (in writing and doing forms on the aspects of syllabus content and outside the syllabus content. Shall be individual and challenging)
- Student seminars (on topics of the syllabus and related aspects (individual activity)
- Quiz (on topics where the content can be compiled by smaller aspects and data (Individuals or groups as teams)
- Field studies (individual observations and recordings as per syllabus content and related areas (Individual or team activity)
- 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)

GENERAL

- Group Discussion
- Visit to Research Stations, Science Museum Centres to understand the basic principles of mechanics with live examplesand related industries
- Visit to Satellite launching station at Sri Harikota.

RECOMMENDED ASSESSMENT METHODS

Some of the following suggested assessment methodologies could be adopted;

- The oral and written examinations (Scheduled and surprise tests)
- Problem-solving exercises
- Practical assignments and Observation of practical skills
- Individual and group project reports
- Efficient delivery using seminar presentations
- Viva voce interviews.

BOS Chairman

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SRI VENKATESWARA UNIVERSITY :: TIRUPATI

B.Sc PHYSICS

[For Mathematical Combination] - W.E.F. 2020-21

Model question paper

Time: 3 hrs Max. Marks: 75

SECTION–A

(Short Answer Type Questions)

Answer any five out of the following eight questions 5x5=25

1. Write a note on scattering cross-section.
2. Write Euler's equations for a rigid rotating body.
3. If the mean distance of Mars from the Sun is 1.524 times that of the earth. Find the period of revolution of Mars about the Sun.
4. What is length contraction and obtain an expression for it
5. At what speed the mass of an object will be double of its value at rest.
6. Write briefly on forced oscillations
7. Write a short note on coupled oscillators
8. Write any five applications of ultrasonic waves

SECTION-B

(Essay type questions)

Answer All questions with internal choice from each Unit 5x10=50

9. a).Derive an expression for the velocity of a rocket moving under the influence of earth's gravitational field.

Or

b).Define rigid body. Deduce an equation of motion for a rotating rigid body.

10. a).What is a central force? Deduce an equation of motion of a particle underthe action of central force.

Or

b).State and prove Kepler's laws of planetary motion.

11. a).Describe the Michelson-Morley experiment and explain the significance ofnegative result.

Or

b).State postulates of special theory of relativity. Derive Einstein's mass energy relation

12. a).What is simple harmonic motion and derive an equation of motion of asimple harmonic oscillator.

Or

b).Determine spring constant of springs in series method by dynamic method.

13. a).What are transverse waves? Derive an expression for its velocity along astretched string.

Or

b).What are Ultrasonics? Derive any method of production of Ultrasonics.

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SRI VENKATESWARA UNIVERSITY :: TIRUPATI

FIRST YEAR B.Sc. COMPUTER SCIENCE / INFORMATION TECHNOLOGY
FIRST SEMESTER
Revised Syllabus Under CBCS W.E.F. 2020-21

PROBLEM SOLVING IN C

Semester	Course Code	Course Title		
I	C1	PROBLEM SOLVING IN C		

Objectives:

This course aims to provide exposure to problem-solving through programming. It introduces the concepts of the C Programming language.

Course Learning Outcomes:

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

1. Understand the evolution and functionality of a Digital Computer.
2. Apply logical skills to analyse a given problem
3. Develop an algorithm for solving a given problem.
4. Understand 'C' language constructs like Iterative statements, Array processing, Pointers, etc.
5. Apply 'C' language constructs to the algorithms towrite a 'C' language program.

UNIT I

General Fundamentals: Introduction to computers: Block diagram of a computer, characteristics and limitations of computers, applications of computers, types of computers, computer generations.

Introduction to Algorithms and Programming Languages: Algorithm – Key features of Algorithms, Flow Charts, Programming Languages – Generations of Programming Languages – Structured Programming Language- Design and Implementation of Correct, Efficient and Maintainable Programs.

UNIT II

Introduction to C: Introduction – Structure of C Program – Writing the first C Program – File used in C Program – Compiling and Executing C Programs – Using Comments –Keywords – Identifiers – Basic Data Types in C – Variables – Constants – I/O Statements in C- Operators in C- Programming Examples.

Decision Control and Looping Statements: Introduction to Decision Control Statements– Conditional Branching Statements – Iterative Statements – Nested Loops – Break and Continue Statement – Goto Statement

UNIT III

Arrays: Introduction – Declaration of Arrays – Accessing elements of the Array – Storing Values in Array– Operations on Arrays – one dimensional, two dimensional and multi dimensional arrays, character handling and strings.

UNIT IV

Functions: Introduction – using functions – Function declaration/ prototype – Function definition – function call – return statement – Passing parameters – Scope of variables – Storage Classes – Recursive functions.

Structure, Union, and Enumerated Data Types: Introduction – Nested Structures – Arrays of Structures – Structures and Functions– Union – Arrays of Unions Variables – Unions inside Structures – Enumerated Data Types.

UNIT V

Pointers: Understanding Computer Memory – Introduction to Pointers – declaring Pointer Variables – Pointer Expressions and Pointer Arithmetic – Null Pointers - Passing Arguments to Functions using Pointer – Pointer and Arrays – Memory Allocation in C Programs – Memory Usage – Dynamic Memory Allocation – Drawbacks of Pointers

Files: Introduction to Files – Using Files in C – Reading Data from Files – Writing Data to Files – Detecting the End-of-file – Error Handling during File Operations – Accepting Command Line Arguments.

BOOKS

1. E Balagurusamy – Programming in ANSIC – Tata McGraw-Hill publications.
2. Brain W Kernighan and Dennis M Ritchie - The 'C' Programming language" - Pearson publications.
3. Ashok N Kamthane: Programming with ANSI and Turbo C, Pearson Edition Publications.
4. YashavantKanetkar - Let Us 'C' – BPB Publications.

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. Try to solve MCQ's available online.
3. 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. Problem-solving exercises,
4. Practical assignments and laboratory reports,
5. Observation of practical skills,
6. Individual and group project reports like “Creating Text Editor in C”.
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

Problem solving in C LAB

Semester	Course Code	Course Title	Hours	Credits
I	**C1-P**	**PROBLEM SOLVING IN C LAB**	**30**	**2**

1. Write a program to check whether the given number is Armstrong or not.
2. Write a program to find the sum of individual digits of a positive integer.
3. Write a program to generate the first n terms of the Fibonacci sequence.
4. Write a program to find both the largest and smallest number in a list of integer values
5. Write a program to demonstrate refection of parameters in swapping of two integer values using **Call by Value**&**Call by Address**
6. Write a program that uses functions to add two matrices.
7. Write a program to calculate factorial of given integer value using recursive functions
8. Write a program for multiplication of twoN X N matrices.
9. Write a program to perform various string operations.
10. Write a program to search an element in a given list of values.
11. Write a program to sort a given list of integers in ascending order.
12. Write a program to calculate the salaries of all employees using ***Employee (ID, Name, Designation, Basic Pay, DA, HRA, Gross Salary, Deduction, Net Salary)*** structure.
    a. DA is 30 % of Basic Pay
    b. HRA is 15% of Basic Pay
    c. Deduction is 10% of (Basic Pay + DA)
    d. Gross Salary = Basic Pay + DA+ HRA
    e. Net Salary = Gross Salary – Deduction

13. Write a program to illustrate pointer arithmetic.
14. Write a program to read the data character by character from a file.
15. Write a program to create ***Book (ISBN,Title, Author, Price, Pages, Publisher)*** structureand store book details in a file and perform the following operations
    a. Add book details
    b. Search a book details for a given ISBN and display book details, if available
    c. Update a book details using ISBN
    d. Delete book details for a given ISBN and display list of remaining Books

SRI VENKATESWARA UNIVERSITY

B.Sc. DEGREE COURSE IN COMPUTER SCIENCE

W.E.F. 2020-21

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 one full question (A or B) from each unit (i.e., Q.No 9 from Unit – I, Q.No 10 from Unit – II, Q.No 11 from Unit – III, Q.No 12 from Unit – IV, Q.No 13 from Unit – V). Each question carries 10 marks.

PART – A

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

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

(P.T.O)

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)

SRI VENKATESWARA UNIVERSITY:: TIRUPATI

THREE YEAR B.A. / B.Com. / B.Sc. DEGREE COURSES

English Syllabus-Semester-I

W.E.F.2020-21

English Praxis Course-I

A Course in Communication and Soft Skills

I. UNIT: Listening Skills

i. Importance of Listening
ii. Types of Listening
iii. Barriers to Listening
iv. Effective Listening

II. UNIT: Speaking Skills

a. Sounds of English: Vowels and Consonants
b. Word Accent
c. Intonation

III. UNIT: Grammar

a) Concord
b) Modals
c) Tenses (Present/Past/Future)
d) Articles
e) Prepositions
f) Question Tags
g) Sentence Transformation (Voice, Reported Speech & Degrees of Comparison)
h) Error Correction

IV. UNIT: Writing

i. Punctuation
ii. Spelling
iii. Paragraph Writing

V. UNIT: Soft Skills

a. SWOC
b. Attitude
c. Emotional Intelligence
d. Telephone Etiquette
e. Interpersonal Skills

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

Chairperson 3/9/2020
BOS in English
(PASS)

SRI VENKATESWARA UNIVERSITY
FIRST YEAR B.A. / B.Com. / B.Sc.
FIRST SEMESTER
Under CBCS W.E.F. 2020-21
ENGLISH PRAXIS COURSE-1
A COURSE IN COMMUNICATION AND SOFT SKILLS
GENERAL ENGLISH MODEL PAPER

Time: 3 hours Max Marks: 75

1. Answer any THREE of the following questions (3X5=15)
   a) What is the importance of Listening?
   b) Write a note on the types of Listening?
   c) What are the barriers to listening?
   d) Explain the strategies for effective listening.
   e) Describe the traits of a good listener.

2. Answer any TWO of the following questions (2X5=10)
   a. Write about consonant sounds with examples.
   b. Explain Word Accent
   c. What are the different kinds of intonation?
   d. Mark the stress of the following words.
      i) itself ii)alone iii)wonderful iv)pronunciation v)Electricity

3. Attempt the following questions: (2X1=2)
   a. Concord
      (i) Each of the cars____ very well designed by the company.
      (ii) The average worker's earnings_____ gone up dramatically
   b. Fill in the blanks with suitable Modals: (2X1=2)
      (i) Do we_____ to take our certificates for the Interview?
      (ii) You_____ get an easy question paper this time.
   c. Fill in the blanks with appropriate forms of the Verbs given in brackets. (5X1=5)
      (i) Satya_____(come) to college regularly.
      (ii) When the police came, the thief_____(escape)
      (iii) The President_____(address) the public tomorrow
      (iv) I_____(live) in a pent house for the last six months.
      (iv) Aishu_____(go)to school now.

   d. Fill in the blanks with suitable Articles: (2x1=2)
      (i) I met_____European last month
      (ii)_____poor need our support.

   e. Fill in the blanks with suitable prepositions (2x1=2)
      (i) The patient is suffering_____fever
      (ii) The sweets are distributed_____children.

   f. Add Question Tags to the following statements (2x1=2)
      (i) Sita is not writing_____?
      (ii) I am late,_____?

   g. Transform the following sentences as directed. (5x1=5)

(i) The officer ordered the soldiers to open fire(change it into Direct speech)
(ii) Akbar is one of the greatest kings(change it into positive degree)
(iii) Bhavanasays,"I write a novel"(change it into Indirect speech)
(iv) Jim Corbett had killed many tigers(Change it into passive voice)
(iv) Mary is as clever as Lily. (Change it into Comparitive degree).

h. Correct the following sentences (5x1=5)
(i) could you return back the library cards to me, please
(ii) The painting is too beautiful.
(iii) Ram camped besides the lake.
(iv) I have read the book yesterday.
(v) The news are very pathetic.

4. Answer any TWO of the following questions. (2x5=10)
i. Punctuate the following

The dog grinned sardonically down on him over the edge for a moment as if he thought it would be a good lark to drop the cartridge down on jim.

ii. Pick out the correct word:

a)	A. company	B. Compony	C. Kompony	D. Komphony
b)	A. Techanology	B. Technalogy	C. Tachnology	D. Technology
c)	A. achievement	B. acheivement	C. acheevement	D. achieevement
d)	A. psychology	B. Psychologi	C. acheevement	D. achieevement
e)	A. Occassion	B. occasion	C. Occaassion	D. occasion

iii. Write a meaningful paragraph using the hints given below and suggest a suitable title

Reading hobby---good and bad books---of the hour and forever---books as best companions--- they entertain, educate and enlighten---make one forget one's loneliness.

iv) Expand any one of the following idea:
a) A stitch in time saves nine
b) Rome was not built in a day.

5. Answer any THREE of the following questions: (3x5=15)
a. What are the benefits of 'SWOC' analysis?
b. Explain the importance of positive attitude. How can we develop it?
c. Describe the qualities needed to develop emotional intelligence
d. What is Telephone Etiquette? Explain
e. How do you demonstrate good interpersonal skills?

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

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

శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం, తిరుపతి

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

జనరల్ తెలుగు సెమిస్టర్ 1

పాఠ్య ప్రణాళిక - (2020 -21 నుండి)

ప్రాచీన తెలుగు సాహిత్యం

యూనిట్ I

రాజనీతి - నన్నయ

ఆంధ్రమహాభారతం - సభాపర్వం – ప్రధమాశ్వాసం –(26 – 57) పద్యాలు

యూనిట్ II

కుచేలోపాఖ్యానం - పోతన

ఆంధ్ర మహాభాగవతం-దశమ స్కంధము – (966 – 1005) పద్యాలు

యూనిట్ III

ధౌమ్య ధర్మోపదేశము - తిక్కన

ఆంధ్ర మహాభారతం – విరాట పర్వం – ప్రధమాశ్వాసం –(116 -146) పద్యాలు

యూనిట్ IV - శ్రీనాథుడు (పలనాటి వీరచరిత్ర –ద్విపద కావ్యం పుట 108 - 112

'బాలచంద్రుడు భీమోబాగు సంగ్రామం బొనర్చుట ..నుండి ....వెఱగంది కుంది... వరకు

సం. అక్కిరాజు ఉమాకాంతం . ముద్రణ . వి.కె.స్వామి ,బెజవాడ 1911.

యూనిట్ V

సీతా రావణ సంవాదం - మొల్ల రామాయణము – సుందరకాండము – (40 -87) పద్యాలు

*__వ్యాకరణం__

సంధులు : ఉత్వ, త్రిక, ద్రుతప్రకృతిక , నుగాగమ,ద్విరుక్తటకారాదేశ, యణాదేశ, వృద్ధి, శ్చుత్వ, జశ్త్వ,

. అనునాసిక సంధులు

సమాసాలు : అవ్యయీభావ, తత్పురుష, కర్మధారయ, ద్వంద్వ, ద్విగు, బహువ్రీహి

అలంకారాలు :

అర్థాలంకారాలు : ఉపమ ఉత్ప్రేక్ష, రూపక, స్వభావోక్తి, అర్థాంతర, అతిశయోక్తి

శబ్దాలంకారాలు : అనుప్రాస, (వృత్యనుప్రాస, ఛేకాను ప్రాస, లాటానుప్రాస, అంత్యానుప్రాస)

ఛందస్సు :

వృత్తాలు : ఉత్పలమాల, చంపకమాల, శార్దూలము, మత్తేభము

జాతులు :కాండం, ద్విపద; ఉపజాతులు : ఆటవెలది, తేటగీతి, సీసం మరియు ముత్యాలసరాలు

డా. జి. డి. జ్యోతీశ్వరి దేవి

బి.టి.కళాశాల , మదనపల్లి.

శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం, తిరుపతి

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

జనరల్ తెలుగు సెమిస్టర్ 1

మాదిరి ప్రశ్న పత్రము - (2020 -21 నుండి)

సమయం : 3 గం. మార్కులు : 75

విభాగము – ఎ

క్రిందివానిలో ఏవైనా ఐదింటికి సమాధానములు రాయండి. వానిలో 3,4 ప్రశ్నలకు తప్పనిసరిగా సమాధానములు రాయవలెను. 5 X 5 = 25 మా

1. రాజు కొలువులో సేవకుడు చేయకూడని పనులేవి
2. సాందీపుని వృత్తాంతాన్ని తెలపండి.
3. క్రిందివానిలో ఒక దానికి సందర్భ సహిత వ్యాఖ్య రాయండి.
   (అ) కలుగు వారికైన గార్య మగునె
   (ఆ) ముని పుంగవు లెంత వారలున్.
4. క్రిందివానిలో ఒక దానికి సందర్భ సహిత వ్యాఖ్య రాయండి
   (అ)వార్త యందు జగము వర్ధిల్లుచున్నది .
   (ఆ) తుచ్చపు బల్కులు పల్క బాడియే?
5. వార్త యొక్క ప్రాముఖ్యాన్ని తెలపండి.
6. సీత రావణుని తెగడిన విధమెట్టిది.
7. కుచేలుని దారిద్ర్య మెట్టిది .
8. పలనాటి వీరచరిత్ర గురించి రాయండి.
9. అకార, ఇకార, ఉకార సంధులను గురించి రాయండి.
10. ఉపమ లేదా ఉత్ప్రేక్షాలంకారమును సోదాహరణముగా వివరించుము.

(తిప్పి చూడుము

విభాగము – బి

అన్ని ప్రశ్నలకి సమాధానములు రాయండి. 5 X 10 = 50 మా

11. క్రింది వానిలో ఒక పద్యమునకు ప్రతిపదార్థ తాత్పర్యము రాయండి

(అ)ఉత్తమ మధ్యమాధమ నియోగ్యత బుద్ధి నెఱింగి వారి న
య్యుత్తమ మధ్యమాధమ నియోగములన్ నియమించితే నరేం
ద్రోత్తమ! భృత్యకోటికి ననూనముగా దాగు జీవితంబు లా
యత్తము సేసి యిత్తె దయ నయ్యయి కాలము దప్పకుండగన్.

(లేదా)

(ఆ)తన మృదు తల్పమందు వనితామణి యైన రమాలలామ పొం
దును నెడగా దలంపక యదుప్రవరుం డెదురేగి మోదముం
దనుకగ గౌగిలించి యుచితక్రియలం బరితుష్టు జేయుచున్
వినయమునన్ భజించె ; ధరణీసురుడెంతటి భాగ్యవంతుడో ?

12.నన్నయ తెలిపిన రాజనీతి ఎట్టిది.

(లేదా)

దౌమ్య ధర్మోపదేశము ఆధారంగా తిక్కన కవితారీతులను వివరించండి.

13. 'కుచేలోపాఖ్యానం' పాఠ్య భాగం ఆధారంగా స్నేహమాధుర్యాన్ని వర్ణించండి.

(లేదా)

దౌమ్యుడు చెప్పిన సేవకుని ధర్మాలను వివరించండి.

14. బాలచంద్రుని పరాక్రమాన్ని వర్ణించండి.

(లేదా)

సీత రావణ సంవాద సారాంశాన్ని రాయండి.

15. కర్మధారయ సమాసములను నాల్గింటిని సోదాహరణముగా వివరించండి.

లేదా)

ఉత్పలమాల, చంపమాల పద్యములలో ఒకదానికి లక్ష్య, లక్షణములను రాయండి.

డా. జి. డి. జ్యోతీశ్వరి దేవి
బి.టి.కళాశాల , మదనపల్లి.

NEW

SRI VENKATESWARA UNIVERSITY-TIRUPATI

I B.A.,/B.Com.,/B.Sc., - SEMESTER – I : GENERAL HINDI PAPER – I

W.E.F. 2020-21

(Prose, Short Stories and Grammar)

Subject Code : 18-HIN-101 **Credits : 03** Teaching Hrs/Week : 04

SYLLABUS

I. **गद्य संदेश** (PROSE)

१. भारतीय साहित्य की एकता – नन्द दुलारे वाजपायी

२. आत्मनिर्भरता - पं. बालकृष्ण भट्ट

३. अन्दर की पवित्रता - डॉ. हजारी प्रसाद द्विवेदी

II. **कथा लोक** (SHORT STORIES)

४. ठाकुर का कुआँ - प्रेमचंद

१. वापसी - उषा प्रियंवदा

२. सदाचार का तावीज – हरिशंकर परसाई

III. **व्याकरण** (GRAMMAR)

लिंग, वचन,

काल

विलोम शब्द

IV. कार्यालयीन शब्दावली - अंग्रेजी से हिन्दी, हिन्दी से अंग्रेजी

V. पत्र लेखन – व्यक्तिगत पत्र (छुट्टी पत्र , पिता, मित्र के नाम पत्र, पुस्तक विक्रेता के नाम पत्र)

SRI VENKATESWARA UNIVERSI
TIRUPATI

I B.A.,/B.Com.,/B.Sc., SEMESTER –I: GENERAL HINDIPAPER – I

Subject Code: 18-HIN-101 Time: 3hrs Max Marks :75

MODEL QUESTION PAPER

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

1. PROSE 10 Marks

(अथवा)

PROSE

2.PROSE 10 Marks

(अथवा)

Short Stories(Non-detailed)

3. Short Stories(Non-detailed) 10 Marks

(अथवा)

Short Stories(Non-detailed)

4. LETTER WRITING पत्र लेखन 10 Marks

(अथवा)

LETTER WRITINGपत्र लेखन

5. निम्न लिखितनिम्नलिखित शब्दों के जवाब लिखिए। Total 10 Marks

a) निम्न लिखित शब्दों केलिंग बदलिए। 2 Marks

b) निम्न लिखित शब्दों केवचन बदलिए| 2Marks

c) कॉल निम्न लिखित शब्दों केकाल बदलिए | 2Marks

d) निम्न लिखित विलोम शब्द के विलोम शब्द लिखए। 4Marks

1. 2. 3. 4

(अथवा)

निम्न लिखित अंग्रेजी शब्दों का हिन्दी में अनुवाद कीजिए |

(a) 1. Part time 2. Memorandum 3. Conference 4. Certificate 5. Circular

(b)निम्न लिखित हिन्दी शब्दों का अंग्रेजी में अनुवाद कीजिए

6. चुनाव 7. सचिव 8. लेखाकार 9. राज्यपाल 10. नगर निगम

SRI VENKATESWARA UNIVERSITY: TIRUPATHI

B.A., B.Com., & B.Sc., etc., Programmes

Revised Syllabus under CBCS Pattern w.e.f. 2020-21

Language Subjects – SANSKRIT

Revised Syllabus of
SANSKRIT

Subject Curricular Framework

Semester	Course	Title	Hrs/Wk	Credits	Max. Marks IA	Max. Marks SE	Total
I	I	POETRY, PROSE & GRAMMAR	04	03	25	75	100
II	II	POETRY, PROSE & GRAMMAR	04	03	25	75	100

SRI VENKATESWARA UNIVERSITY: TIRUPATHI

B.A., B.Com., & B.Sc., etc., Programmes

Revised Syllabus under CBCS Pattern w.e.f. 2020-21

II Language Subject-SANKSRIT

Part I (B) Subject : **SANSKRIT**

SEMESTER – I

PAPER – I : POETRY, PROSE & GRAMMAR . (w.e.f. 2020-21)

UNIT – I OLD POETRY:

1. "**Arya Padukabhishekaha**",
Valmiki Ramayanam- Ayodhya Kanda, Sarga-100 Geetha Press, Gorakhpur.
2. " **YakshaPrasnaha**", Mahabharatam of Vedavyasa, Vanaparva, Adhyaya -313, Geeta Press, Gorakhpoor.

UNIT – II MODERN POETRY:

1." **Mevada Rajyastapanam"** 4th Canto, Srimat Pratapa Ranayanam, Mahakavyam, Pt.Ogeti Parikshit sarma, Published by, Pt.Ogeti Parikshitsarma, 10/11, Sakal nagar, Pune, 1989.

2.**"VivekanandaSuktayaha"**, Vivekanandasuktisudha by Dr.SamudralaLakshmanaiah, Published by Author, 18-1-84, Yasoda Nagar, Tirupati. Selected Slokas 25.

(Slokas Nos.11,14,18,20,22,23,29,33,34,37,48,49,50,58,60,71,88, 89,94,101,104,115,116,125 & 139).

UNIT – III PROSE:

1. "**Atyutkataihi papapunyairihaiva phalamasnute**",
Hitopadesaha-Mitralabha 2 & 3 stories, Pages 61-84.
2. " **Sudraka -Veeravarakatha"**, Hitopadesaha-Vigraham, 8th story, Pages 63-70,Chowkhamba krishadas academy,Varanasi, 2006.

UNIT - IV GRAMMAR: 1.**DECLENSIONS** Nouns ending in vowels Deva, Kavi, Bhanu, Dhatru, Pitru, Go, Ramaa, Mati.

2.CONJUGATIONS

1st Conjugation - Bhoo, Gam, Shtha, Drusir, Labh, Mud.

2nd Conjugation - As. 10th Conjugation – Bhaash.

UNIT – V GRAMMAR: 1. **SANDHI - Swara Sandhi** : Savarnadeergha, ayavayava, Guna,Vruddhi, yaanadesa.
-**Halsandhi**:Schutva, Stutva, Anunasika.2.**SAMASA** Dwandwa, Tatpurusha, Karmadharaya,, Dwigu.

SRI VENKATESWARA UNIVERSITY: TIRUPATHI

I SEMESTER - W.E.F.2020-21

QUESTION PAPER PATTERN

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 x 02 = 08
11.	सन्दर्भ वाक्यानि	(from Unit I & III)	3 x 04 = 12
			50

प्रथमोभागः - 25
द्वितीयोः भागः - 50
अन्तर्गतपरीक्षा -25

100

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

25

4

S.V.University
B.A. / B.Sc. / B.Com
Sub : I (B) - SANSKRIT
PAPER -I : Poetry, Prose & Grammar

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. अद्यार्य ----------दिशो दश ॥
2. सत्यमेवेश्वर ---------- परं पदम् ॥
3. माता ----------तृणात् ॥
4. अतिथिः ----------जगत् ॥

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

1.कवि 2. पितृ 3. रमा 4. मति

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

1. भविष्यति 2. गच्छेत्
3. मोदते 4. भाषताम्

IV. **चतुर्णां नामनिर्देशपूर्वकं सन्धिं विभजत** 4 x 1 = 04

1. गौरीयम् 2. तावत्र 3. नवोदयः
4. तथैव 5. साध्विति 6. तच्च
7. पेष्टा 8 पन्नगः

V. **चतुर्णां नामनिर्देशपूर्वकंविग्रहवाक्यानि लिखत** 4x1=04

1. पूर्वकायः 2. मासपूर्वः
3. नीलोत्पलम् 4. शीतोष्णम्
5. नरसिंहः 6. मुखचन्द्रः
7. पञ्चवटी 8 दम्पती

द्वितीयो भागः (50 Marks)

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

a. निर्गुणेष्वपि सत्त्वेषु दयां कुर्वन्ति साधवः।
न हि संहरते ज्योत्स्नां चन्द्रश्चण्डालवेश्मनः

b. परोक्षे कार्यहन्तारं प्रत्यक्षे प्रियवादिनम् ।
वर्जयेत्तादृशं मित्रं विषकुम्भं पयोमुखम् ॥

c. दुर्जनः प्रियवादी च नैतद्विश्वासकारणम् ।
मधु तिष्ठति जिह्वाग्रे हृदि हालाहलं विषम् ॥

d. धनानि, जीवितश्चैव परार्थे प्राज्ञ उत्सृजेत् ।
तन्निमित्तो वरं त्यागो, विनाशे नियते सति ॥

VII. 1 x 08 = 08

a. आर्य पादुकाभिषेकः इति पाठ्यभागस्य सारांशं लिखत।

(अथवा)

b. यक्षप्रश्ना मधिकृत्य संग्रहेण लिखत।

VIII. 1 x 08 = 08

a. मेवाड राज्यपालनम् इति पाठस्य कथासारं लिखत ।

(अथवा)

b. विवेकानन्दः कथं विद्यार्थिनां आदर्शप्रायः अभवत्?

IX. 1 x 08 = 08

a. ''अत्युत्कटैः पापपुण्यैः इहैव फलमुस्नते'' सोदाहरणं विवृणुत।

(अथवा)

b. वीरवरः कथं स्वाभि भक्तिं प्रदर्शितवान्?

X. **चतुर्णां** लघुसमाधानानि लिखत 4 x 02 = 08

1. श्रीरामः कीदृशं भरतं ददर्श?
2. अपूर्णमनोरथः भरतः किं अकरोत्?
3. किस्विदेकपदं धर्म्यं। किंस्तिदेकपदं यशः ?
4. किं ज्ञानं प्रोच्यते राजन्। कः रामश्च प्रकीर्तितः ?
5. मृगः केन वञ्चितः ?
6. प्रियवदी दुर्जनः कीदृशः?
7. वीरवरः कस्य राज्ये आसीत् ?
8. वीरवरस्य वर्तनं कियत् ?

11. **चतुर्णां ससन्दर्भं व्याख्यात ।** 4 x 03 = 12

1. न हि त्वं जीवतस्तस्य वनमागन्तुमर्हसि।
2. सत्ये लोकः प्रतिष्ठितः।
3. बुद्धिमान् वृद्धसेवया।
4. लाभानां श्रेयः आरोग्यं सुखानां तुष्टिरुत्तमा।।
5. मधुतिष्ठति जिह्वाग्रे हृदि हलाडलं विषम्।
6. अज्ञातकुलशीलस्य वासो न देयः।
7. द्वौ बाहौ, तृतीयश्च खड्गः।
8. जीवनान्तेऽपि तव राज्य भङ्गो नास्ति।

SRI VENKATESWARA UNIVERSITY, TIRUPATHI

OBJECTIVES AND OUTCOMES
For
First Year Degree Course – Second Language
Part - 1(b)Paper – I: Urdu Poetry (Semester – 1) W.E.F. 2020-21

Objectives and Outcomes for The CouseUrdu 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 Urdu new and old poets and their poetry of Ghazals.
- Remember all the basic concepts of Urdu Ghazal.
- Read, understand and enjoy Urdu poems.
- To Create interest among students in literature.
- Developing communication skills.
- Creating awareness inthe students about life attitude and environment.

OUTCOMES
of
First year Degree Course Second Language
Part - 1(b)Paper – I: Urdu Poetry (Semester – 1)

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.Beauty of the Urdu Ghazals
   3.Beauty and theme of the Urdu poems
C.Critically examines, (Analysis and Evaluation)
   4. Thinking and Creativity of the deferent poets.
D. Appraises (Evaluate)
   5. Urdu Ghazal and Nazm
   6. The Rise and Growth of Ghazal and Nazm
E. Examines (Analyze)
   7. Differs between New and old Ghazal and Nazm
F. Investigates (Create)
   8. Creating awareness int students about life attitude and environment.
G. Writes Ghazal and Nazm in their own words (Practical skills)

12/01/2024
Chairman
BOS in Urdu

SRI VENKATESWARA UNIVERSITY, TIRUPATHI

Syllabus for (B.A./ B.Com. / B.Sc.) U.G. under CBCS
Second Language – Urdu
First year Degree Course Second Language Part - 1(b)

Paper – I: URDU POETRY

W.E.F. 2020-21

SEMESTER - I

UNIT – I **1. GHAZAL**
MEER – *Raah-e-Daur-e-Ishq me Rootahaikya*
2. NAZM
Nazeer Akbarabadi – *Kaljug*

UNIT – II **1. GHAZAL**
GHALIB – *Dard Minnatkash-e-Dawanahua*
2. NAZM
SHIBLI – *Adl-e-Farooqi*

UNIT – III **1. GHAZAL**
MOMIN – *Who jo Hum me Tum me Qaraartha*
2. NAZM
IQBAL – *Chaandaur Tare*

UNIT – IV **1. GHAZAL**
DAGH DEHLAVI – *Duniya me Aadmi ko Museebat Kahan nahi*
2. NAZM
AKBAR – *Naseehat-e-Akhlaqi*

UNIT – V **1. GHAZAL**
JIGAR MURADABADI – *Koi Ye Kehde Gulshan Gulshan*
2. NAZM
FAIZ – *Lauh-o-Qalam*

<u>SUGGESTED READING:</u>

URDU SHAIRY KA FANNI IRTEQA – FARMAN FATEHPOOR
URDU GHAZAL – KAAMIL QURAISHI
URDU SHAIRI KA TANQEEDI MUTA'A – SUMBUL NIGAAR

12/01/2021
Chairman
BOS in Urdu

SRI VENKATESWARA UNIVERSITY

MODEL QUESTION PAPER

For First year (B.A./B.Com/B.Sc.) ; Second Language - Urdu

SEMESTER - I PAPER -1 : URDU POETRY

With effect from 2020-2021

Time : 3 Hours Total Marks : 75

PART - A

5X5 = 25

درج ذیل سوالوں میں سے کوئی پانچ کے جواب لکھیئے :

1 غزل کے لغوی اور اصطلاحی معنی کیا ہیں ؟

2 نظیر اکبر آبادی کا مختصر تعارف کرائیے۔

3 غالبؔ کے بارے میں آپ کیا جانتے ہیں؟

4 نظم ''عدل فاروقی'' کا خلاصہ لکھیئے۔

5 مومنؔ کی غزل کی کوئی دو خصوصیات لکھیئے۔

6 اقبالؔ کی حیات اور کارناموں پر نوٹ لکھیئے۔

7 ردیف اور قافیہ کا تعارف کرائیے۔

8 نظم ''نصیحت اخلاقی'' کا مرکزی خیال کیا ہے؟

9 داغؔ کی غزل پر مختصر نوٹ لکھیئے۔

10 فیض احمد فیضؔ کی حیات سے متعلق اپنی معلومات لکھیئے۔

PART - B

5X10 = 50

درج ذیل کے تمام سوالات کے جواب لکھئے۔

(a.)11 میرؔ کی غزل گوئی پر مضمون لکھیئے۔

(یا)

(b.) نظیر اکبر آبادی کی نظم ''کلجگ'' کا مرکزی خیال اور نظم کی خصوصیات قلم بند کیجئے۔

Chairman
BOS in Urdu

Cont... 2

(a.)12 غالبؔ کی شاعرانہ عظمت پر مضمون لکھیئے۔

(یا)

(b.) شبلی کی نظم ''عدل فاروقی'' کا تفصیلی جائزہ لیجئے۔

(a.)13 مومنؔ کی حیات اور غزل گوئی پر روشنی ڈالیئے ۔

(یا)

(b.) اقبال کی نظم ''چاند تارے'' کے فنی محاسن کی نشاندہی کیجئے۔

(a.)14 اکبرالہ آبادی کی حیات پر تفصیلی نوٹ لکھیئے۔

(یا)

(b.) داغؔ دہلوی کے رنگِ تغزل پر مضمون لکھیئے۔

(a.)15 جگر مرادآبادی کی حیات اور شاعری پر روشنی ڈالیئے۔

(یا)

(b.) فیض کی نظم ''لوح وقلم'' کی خصوصیات کا جائزہ لیجئے۔

02/01/2021

Chairman
BOS in Urdu

Revised CBCS w.e.f. 2020-21

SKILL DEVELOPMENT COURSES

SCIENCE STREAM

FIRST YEAR B.SC. - FIRST SEMESTER

Syllabus of

ELECTRICAL APPLIANCES

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

Learning Outcomes:

By successful completion of the course, students will be able to:

1. *Acquire necessary skills/hand on experience/ working knowledge on multimeters, galvanometers, ammeters, voltmeters, ac/dc generators, motors, transformers, single phase and three phase connections, basics of electrical wiring with electrical protection devices.*
2. *Understand the working principles of different household domestic appliances.*
3. *Check the electrical connections at house-hold but will also learn the skill to repair the electrical appliances for the general troubleshoots and wiring faults.*

SYLLABUS:

UNIT-I **(6 hrs)**

Voltage, Current, Resistance, Capacitance, Inductance, Electrical conductors and Insulators, Ohm's law, Series and parallel combinations of resistors, Galvanometer, Ammeter, Voltmeter, Multimeter, Transformers, Electrical energy, Power, Kilowatt hour (kWh), consumption of electrical power

UNIT-II **(10 hrs)**

Direct current and alternating current,RMS and peak values, Power factor, Single phase and three phase connections , Basics of House wiring , Star and delta connection , Electric shock, First aid for electric shock, Overloading , Earthing and its necessity, Short circuiting , Fuses , MCB , ELCB, Insulation, Inverter, UPS

UNIT-III **(10 hrs)**

Principles of working, parts and servicing of Electric fan, Electric Iron box, Water heater; Induction heater, Microwave oven; Refrigerator, Concept of illumination, Electric bulbs, CFL, LED lights, Energy efficiency in electrical appliances, IS codes & IE codes.

Co-curricular Activities (Hands on Exercises): (04 hrs)

[Any four of the following may be taken up]

1. Studying the electrical performance and power consumption of a given number of bulbs connected in series and parallel circuits.
2. Measuring parameters in combinational DC circuits by applying Ohm's Law for different resistor values and voltage sources

3. Awareness of electrical safety tools and rescue of person in contact with live wire.
4. Checking the specific gravity of lead acid batteries in home UPS and topping-up with distilled water.
5. Identifying Phase, Neutral and Earth on power sockets.
6. Identifying primary and secondary windings and measuring primary and secondary voltages in various types of transformers.
7. Observing the working of transformer under no-load and full load conditions.
8. Observing the response of inductor and capacitor with DC and AC sources.
9. Observing the connections of elements and identify current flow and voltage drops.
10. Studying electrical circuit protection using MCBs, ELCBs
11. Assignments, Model exam etc.

Reference Books:

1. A Text book on Electrical Technology, B.L.Theraja, S.Chand& Co.,
2. A Text book on Electrical Technology, A.K.Theraja.
3. Performance and design of AC machines, M.G.Say, ELBSEdn.,
4. Handbook of Repair & Maintenance of domestic electronics appliances; BPB Publications
5. Consumer Electronics, S.P.Bali, Pearson
6. Domestic Appliances Servicing, K.P.Anwer, Scholar Institute Publications

***

V. Ballow

BOS CHAIRMAN

SRI VENKATESWARA UNIVERSITY, TIRUPATI

I SEMESTER - MODEL QUESTION PAPER

SKILL DEVELOPMENT COURSES

SCIENCE STREAM

ELECTRICAL APPLIANCES

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

(4x5M=20 Marks)

SECTION – A

Answer any four questions. Each answer carries 5 Marks

1. Define current and resistance?
2. Explain the Ohm's law
3. What is earthling and why is it necessary?
4. Define RMS & Peak values?
5. What in over loading explain?
6. Explain Induction heater
7. Write brief note on refrigerator
8. Write a note on IS codes and IE codes.

SECTION - B (3x10M=30 Marks)

Answer any four questions. Each answer carries 10 Marks

9. Derive equivalent resistance when resistors are connected in parallel?
10. Explain the Star equivalent for delta connected network
11. Explain working of Fuse, MCB and Inverter
12. Explain the Principal and working of Electric fan
13. Describe Electric bulbs, CFL and LED Lights

SRI VENKATESWARA UNIVERSITY, TIRUPATI

SKILL DEVELOPMENT COURSES

Science Stream
FIRST YEAR B.Sc. - FIRST SEMESTER
Under CBCS W.E.F. 2020-21

Syllabus of

PLANT NURSERY

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

Learning Outcomes :

On successful completion of this course students will be able to;

1. *Understand the importance of a plant nursery and basic infrastructure toestablish it.*
2. *Explain the basic material, tools and techniques required for nursery.*
3. *Demonstrate expertise related to various practices in a nursery.*
4. *Comprehend knowledge and skills to get an employment or to become an entrepreneur in plant nursery sector.*

Syllabus:

Unit-1 :Introduction to plant nursery 06 Hrs.

1. Plant nursery: Definition, importance.
2. Different types of nurseries –on the basis of duration, plants produced, structure used.
3. Basic facilities for a nursery; layout and components of a good nursery.
4. Plant propagation structuresin brief.
5. Bureau of Indian Standards (BIS-2008) related to nursery.

Unit- 2 :Necessities for nursery 09 Hrs.

1. Nursery beds – types and precautions to be taken during preparation.
2. Growing media, nursery tools and implements, and containers for plant nursery, in brief.
3. Seeds and other vegetative material used to raise nursery.in brief.
4. Outlines of vegetative propagation techniques to produce planting material.
5. Sowing methods of seeds and planting material.

Unit-3 :Management of nursery 09 Hrs.

1. Seasonal activities androutine operations in a nursery.
2. Nursery management – watering, weeding and nutrients; pests and diseases.
3. Common possible errors in nursery activities.
4. Economics of nursery development, pricing and record maintenance.
5. Online nursery information and sales systems.

Suggested Co-curricular activities (6 Hrs.)

1. Assignments/Group discussion/Quiz/Model Exam.
2. Demonstration of nursery bed making.
3. Demonstration ofpreparation of media for nursery.
4. Hands on training on vegetative propagation techniques.
5. Hands on training on sowing methods of seeds and other material.
6. Invited lecture cum demonstration by local expert**.**
7. Watching videos on routine practices in plant nurseries.
8. Visit to an agriculture/horticulture /forest nursery.
9. Case study on establishment and success of a plant nursery.

Suggested text books/reference books :

1. Ratha Krishnan, M., et.al. (2014) *Plant nursery management : Principles and practices*, Central Arid Zone Research Institute (ICAR), Jodhpur, Rjasthan
2. Kumar, N., (1997) *Introduction to Horticulture*, Rajalakshmi Publications, Nagercoil.
3. KumarMishra, K., N.K. Mishra and Satish Chand (1994) *Plant Propagation*, John Wiley & Sons, New Jersey.

SRI VENKATESWARA UNIVERSITY

SKILL DEVELOPMENT COURSE
SCIENCE STREAM

I SEMESTER

REVISED SYLLABUS UNDER CBCS - W.E.F. 2020-21

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.	

SRI VENKATESWARA UNIVERSITY
SKILL DEVELOPMENT COURSES

COMMERCE STREAM
FIRST YEAR B.Com. – FIRST SEMESTER

OFFICE SECRETARYSHIP
Under CBCS W.E.F 2020 - 21

Learning Outcomes:
By the successful completion of course,the student will be able to;
1. *Understand the organizational hierarchy and outlines of functioning*
2. *Comprehend the role of office secretaryship in a small and medium organization*
3. *Acquire knowledge on office procedures and interpersonal skills*
4. *Apply the skills in preparing and presenting notes, letters, statements,reports in different situations.*

Syllabus UNIT I: 06 hrs
Introduction – Organisational structure of a small and medium organization – Types of offices - Kinds of secretaries - The scope of office secretaryship

UNIT II: 10 hrs
The role of an office secretary -Duties and responsibilities- Usage of different devices - Flowchart and office manuals – Coordinating different wings of an office/organisaton – Arranging common meetings - Operations of banking and financial services - travel and hospitality management services

UNIT III: 10hrs
Office procedures – Filing– Circulating files - Preparation of notes, circulars, agenda and minutes of meetings – Issue of press notes - Maintenance of files and records - Inventory, office, human resources, financial and confidential - maintaining public relations.

Co curricular Activities: 04 hrs
1. Visit various organizations (Hospitals, Hotels, Hospitality centers)
2. Preparation of appointment letters, dismissal letters, memos, Issue of appreciation/ motivation letters,
3. Releasing of Press notes, notices and circulars
4. Arranging invited lectures from office executives,auditors and managers
5. Assignments, Group discussion, Quiz etc.

Reference books:

1. Rapidex Professional course - PustalMahal Group
2. James Stromen, Kevin Wilson and Jennifer Wauson - American Management Association
3. M.C.Kuchal, Secretarial Practice - S.Chand Publications
4. Charles K.B 1856 Ober - The Association of Secretaryship - Nabu Press
5. Websites on Office secretaryship

SRI VENKATESWARA UNIVERSITY

SKILL DEVELOPMENT COURSES

COMMERCE STREAM

I SEMESTER

OFFICE SECRETARYSHIP

MODEL PAPER

[Max. Marks: 50] **[Time: 1 1/2 Hours (90 Min.)]**

Section – A

[Total: 4 x 5 = 20 Marks]

(Answer any FOUR questions. Each answer carries 5 marks)

1. Write about organizational structure.
2. Define office secretary ship.
3. What are office manuals?
4. What are different wings of organization?
5. What is filing?
6. Issue of press note
7. Write a brief note on arranging common meetings?
8. Define human resources.

Section – B

[Total: 3 X 10 = 30 Marks]

(Answer any THREE questions. Each answer carries 10 marks)

9. Explain the types of offices and scope of office secretary ship.
10. Explain the role, duties and responsibilities of an office secretary.
11. What are the operations of banking and financial services?
12. Write the preparation of notes, circulars, agenda and minutes of meetings.
13. How do you maintain public relations?

SRI VENKATESWARA UNIVERSITY
LIFE SKILL COURSE for B.A. / B.Sc. / B.Com.
FIRST SEMESTER

ENTREPRENEURSHIP DEVELOPMENT
Under CBCS W.E.F. 2020-21

Sl. No	Code	Sem	Course	Name of Life Skill Course (Course consists 3 Units)	Hours/ Week	Credits	Marks (Sem-End)
1		**I**		Entrepreneurship Development	**2**	**2**	**50**

Syllabus

ENTREPRENEURSHIP DEVELOPMENT

(**Total 30Hrs**)

Course Objective: A Generic Course that is intended to inculcate an integrated personal Life Skill to the student.

Learning Outcomes:

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

- Understand the concept of Entrepreneurship, its applications and scope.
- Know various types of financial institutions that help the business at Central, State and Local Level
- Understand Central and State Government policies, Aware of various tax incentives, concessions
- Applies the knowledge for generating a broad idea for a starting an enterprise/start up
- Understand the content for preparing a Project Report for a start up anddifferentiate between financial, technical analysis and business feasibility.

Syllabus:

Unit-I: Entrepreneurship: Definition and Concept of entrepreneurship - Entrepreneur Characteristics – Classification of Entrepreneurs –Role of Entrepreneurship in Economic Development –Start-ups.

Unit-II: Idea Generationand Project Formulation: Ideas in Entrepreneurships – Sources of New Ideas – Techniques for Generating Ideas – Preparation of Project Report –Contents; Guidelines for Report preparation – Project Appraisal Techniques –Economic Analysis-Financial Analysis-Market Analysis.

Unit-III: Institutions Supporting and Taxation Benefits: Central level Institutions: NABARD; SIDBI,– State Level Institutions –DICs – SFC - Government Policy for MSMEs - Tax Incentives and Concessions.

Reference Books:

1. Arya Kumar, Entrepreneurship, Pearson, Delhi
2. Poornima MCH, Entrepreneurship Development –Small Business Enterprises, Pearson, Delhi
3. Sangeetha Sharma, Entrepreneurship Development, PHI Learning
4. KanishkaBedi, Management and Entrepreneurship, Oxford University Press, Delhi
5. Anil Kumar, S., ET.al., Entrepreneurship Development, New Age International Publishers, New Delhi
6. Khanka, SS, Entrepreneurship Development, S. Chand, New Delhi
7. Peter F. Drucker,Innovation and Entrepreneurship
8. A.Sahay, M. S. Chhikara, New Vistas of Entrepreneurship: Challenges &Opportunities
9. Dr B E V L Naidu, Entrepreneurship. Seven Hills Publishers

Suggested Co-Curricular Activities(As far as possible)

1. Group Discussion
2. Debate
3. Seminar
4. Visit to an SSI and preparing of an outline Report
5. Invited Lecture by a Bank Employee on the Bank Support to a Start Up.
6. Chart showing tax concessions to SSI, MSME both direct and indirect.

Subject Committee Members

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SRI VENKATESWARA UNIVERSITY

LIFE SKILL COURSE □□r □.□. □□.□□ □□.□□□.

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ENTREPRENEURSHIP DEVELOPMENT

MODEL PAPER

[Max. Marks: 50] **[Time: 1 ½ Hours (90 Mins.)]**

Section – A [Total: 4 x 5 = 20 Marks]

(Answer any FOUR questions. Each answer carries 5 marks)

1. Write about the concept of Entrepreneurship.
2. Explain briefly the role of entrepreneur in economic development.
3. Write about Start- ups.
4. Define "Ideas" in Entrepreneurships.
5. What is Market analysis?
6. Financial Analysis.
7. Write and classify State level Institutions.
8. NABARD

Section – B [Total: 3 X 10 = 30 Marks]

(Answer any THREE questions. Each answer carries 10 marks)

9. Explain the characteristics of an Entrepreneur?
10. Write the classification of Entrepreneurs.
11. What are the sources of generating new ideas and write the techniques for generating ideas?
12. Explain the preparation of project report? What are the project appraisal techniques?
13. Explain the Government policy for MSME's. What are the tax incentives and concessions given to MSME's?