# DON BOSCO ARTS & SCIENCE COLLEGE
## ANGADIKADAVU
*(Affiliated to Kannur University Approved by Government of Kerala)*
**ANGADIKADAVU P.O., IRITTY, KANNUR – 670706**



# COURSE PLAN

# B Sc Mathematics

## (2020 – 23)

# SEMESTER - III

# ACADEMIC YEAR - (2021-22)

## III Semester B Sc Mathematics (2020 - 23)

| SL. No. | Name of Subjects with Code | Name of the Teacher | Duty Hours per week |
|---|---|---|---|
| 1. | 3A05ENG READINGS ON DEMOCRACY AND SECULARISM | Jisha E. | 5 |
| 2. | 3A09MAL GADYASAHITHYAM | Divya M M | 5 |
| 3. | 3A09HIN KATHA SAHITHYA | E.T.Ashwni | 5 |
| 4. | 3B03 MAT ANALYTIC GEOMETRY AND APPLICATIONS OF DERIVATIVES | Remya Raj | 5 |
| 5. | 3C03 STA PROBABILITY DISTRIBUTIONS | Varsha Mohandas | 5 |
| 6. | 3C 03 CSC WEB TECHNOLOGY WITH DATABASE MANAGEMENT SYSTEM | Vineetha Mathew | 3 |
| 7. | 3C 03 CSC LAB 1: PROGRAMMING IN C, WEB PROGRAMMING AND PYTHON PROGRAMMING | Vineetha Mathew | 2 |
| | **Name of Class Incharge** | **Remya Raj** | |

## TIME TABLE

| Day | 09.50 Am - 10.45 Am | 10.45 Am -11.40 Am | 11.55 Am -12.50 Pm | 01.40 Pm - 02.35 Pm | 02.35 Pm - 03.30 Pm |
|---|---|---|---|---|---|
| 1 | 3B03 MAT ANALYTIC GEOMETRY AND APPLICATIONS OF DERIVATIVES | 3C 03 CSC WEB TECHNOLOGY WITH DATABASE MANAGEMENT SYSTEM | 3A09MAL GADYASAHITHYAM OR 3A09HIN KATHA SAHITHYA | 3A05ENG READINGS ON DEMOCRACY AND SECULARISM | 3C03 STA PROBABILITY DISTRIBUTIONS |
| 2 | 3C 03 CSC WEB TECHNOLOGY WITH DATABASE MANAGEMENT SYSTEM | 3A09MAL GADYASAHITHYAM OR 3A09HIN KATHA SAHITHYA | 3C03 STA PROBABILITY DISTRIBUTIONS | 3B03 MAT ANALYTIC GEOMETRY AND APPLICATIONS OF DERIVATIVES | 3A05ENG READINGS ON DEMOCRACY AND SECULARISM |
| 3 | 3A05ENG READINGS ON DEMOCRACY AND SECULARISM | 3A09MAL GADYASAHITHYAM OR 3A09HIN KATHA SAHITHYA | 3C 03 CSC WEB TECHNOLOGY WITH DATABASE MANAGEMENT SYSTEM | 3C03 STA PROBABILITY DISTRIBUTIONS | 3B03 MAT ANALYTIC GEOMETRY AND APPLICATIONS OF DERIVATIVES |

| 4 | 3C03 STA PROBABILITY DISTRIBUTIONS | 3A09MAL GADYASAHITH YAM OR 3A09HIN KATHA SAHITHYA | 3A05ENG READINGS ON DEMOCRACY AND SECULARISM | 3C 03 CSC WEB TECHNOLOGY WITH DATABASE MANAGEMENT SYSTEM | 3B03 MAT ANALYTIC GEOMETRY AND APPLICATIONS OF DERIVATIVES |
|---|---|---|---|---|---|
| 5 | 3C 03 CSC WEB TECHNOLOGY WITH DATABASE MANAGEMENT SYSTEM | 3C03 STA PROBABILITY DISTRIBUTIONS | 3A09MAL GADYASAHITHYAM OR 3A09HIN KATHA SAHITHYA | 3A05ENG READINGS ON DEMOCRACY AND SECULARISM | 3B03 MAT ANALYTIC GEOMETRY AND APPLICATIONS OF DERIVATIVES |

| Subject Code: | 3A05 ENG |
|---|---|
| Subject Name: | Readings on Democracy and Secularism |
| No. of Credits: | 4 |
| No. of Contact Hours: | 90 |
| Hours per Week: | 6 |
| Name of the Teacher: | Jisha E |

**Course Outcomes**

1. Understand the relationship between higher education and nation building.
2. Understand the basic Constitutional values and themes through articles, poems, stories, life writings and historical narratives.
3. Evolve a deeper understanding and appreciation of the meaning of the words sovereignty, socialism, secularism and democracy in the Indian context.
4. Appreciate the relationship between higher education and the Constitutional directives regarding "scientific temper" and "the spirit of enquiry".
□ 5. Appreciate the prevalence of "human rights" as a prerequisite for democratic living.

**MODULE I**

1. Ambedkar's Concluding Speech in the Constituent Assembly, dated November 25, 1949
2. The Humiliation of a Brown Child in a European School:    Kamala Das
3. The Story of a Dalit Woman's Education and Job:            Kumud Pawde
4. The Election:                Sitakant Mahapatra
5. Postcard from Kashmir:        Agha shahid Ali

**MODULE II**

6. Indian Constitution: Limited but Necessary:        Prof. Gopinath Ravindran
7. The Rich Will Make Temples for Siva:        Basavanna
8. Centre- state Relations: Union Government, not Central Government:
        Nani A Palkhivala
9. Nehru and science in the age of Corona Virus:    Santhosh Paul & Dr. Harsh
10. Democracy: Langston Hughes

**MODULE III**

11. Blackout:      Roger Mais
12. Africa:        Maya Angelou
13. A Hindu Princess and Her Islamic Dynasty: Kottarathil Sankunni (Translated by T C Narayanan)

# TEACHING SCHEDULE

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| 1 | 12-07-2021 To 17-07-2021 | 1 | Introducing the subject |
| | | 2 | Constitution |
| | | 3 | Democracy |
| | | 4 | Dr B R Ambedkar |
| | | 5 | Module 1: Ambedkar's concluding speech in the constituent assembly, dated November 25, 1949 |
| | | 6 | Module 1: Ambedkar's concluding speech in the constituent assembly, dated November 25, 1949 |
| 2 | 19-07-2021 To 24-07-2021 | 7 | Module 1: Ambedkar's concluding speech in the constituent assembly, dated November 25, 1949 |
| | | 20 July | **Bakrid- Holiday** |
| | | 8 | Module 1: Ambedkar's concluding speech in the constituent assembly, dated November 25, 1949 |
| | | 9 | Discussing Q & A |
| | | 10 | The Humiliation of a Brown Child in a European School |
| | | 11 | The Humiliation of a Brown Child in a European School |
| 3 | 26-07-2021 To 31-07-2021 | 12 | Q & A |
| | | 13 | Class Test |
| | | 14 | Who is Dalit |
| | | 15 | The Story of a Dalit Woman's Education and Job |
| | | 16 | The Story of a Dalit Woman's Education and Job |
| | | 17 | Dalit in the Contemporary Society |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| 4 | 02-08-2021 To 07-08-2021 | 18 | Q & A |
| | | 19 | The Election |
| | | 20 | The Election |
| | | 21 | The Election |
| | | 22 | Significance of Election in Democracy |
| | | 23 | Q & A |
| 5 | 09-08-2021 To 14-08-2021 | 24 | Class Test |
| | | 25 | Postcard from Kashmir |
| | | 26 | Postcard from Kashmir |
| | | 27 | Postcard from Kashmir |
| | | 28 | Discussion of Postcard from Kashmir |
| | | 29 | Q & A |
| 6 | 16-08-2021 To 21-08-2021 | 30 | Seminar presentation |
| | | 31 | Seminar presentation |
| | | 32 | Revision Module 1 |
| | | 19 August | **Moharam/Onam Vacation** |
| | | 20 August | Onam Vacation |
| | | 21 August | Onam Vacation |
| 7 | 23-08-2021 To 28-08-2021 | 23 August | Onam Vacation |
| | | 24 August | Onam Vacation |
| | | 25 August | Onam Vacation |
| | | 26 August | Onam Vacation |
| | | 27 August | Onam Vacation |
| | | 28 August | Onam Vacation |
| 8 | 30-08-2021 To 04-09-2021 | 30 August | Onam Vacation |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| 9 | 06-09-2021 To 11-09-2021 | | Study Leave |
| | | | Study Leave |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| 10 | 13-09-2021 | | I Sem University Examination |
| | | | I Sem University Examination |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| | To 18-09-2021 | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| 11 | 20-09-2021 To 25-09-2021 | 33 | Module 2: Indian Constitution: Limited but Necessary |
| | | 21 September | Sree Narayana Guru Samadhi |
| | | 34 | Module 2: Indian Constitution: Limited but Necessary |
| | | 35 | Module 2: Indian Constitution: Limited but Necessary |
| | | 36 | Module 2: Indian Constitution: Limited but Necessary |
| | | 37 | Module 2: Indian Constitution: Limited but Necessary |
| 12 | 27-09-2021 To 02-10-2021 | 38 | Group Discussion |
| | | 39 | **Q & A** |
| | | 40 | The Rich Will Make Temples for Shiva |
| | | 41 | The Rich Will Make Temples for Shiva |
| | | 42 | The Rich Will Make Temples for Shiva |
| | | 2 October | Gandhi Jayanthi |
| 13 | 04-10-2021 To 09-10-2021 | 43 | Class Struggle |
| | | 44 | Group discussion |
| | | 45 | Q & A |
| | | 46 | Revision |
| | | 47 | Centre-State Relations: Union Government, Not Central Government |
| | | 48 | Centre-State Relations: Union Government, Not Central Government |
| 14 | 11-10-2021 To 16-10-2021 | 49 | Centre-State Relations: Union Government, Not Central Government |
| | | 50 | Centre-State Relations: Union Government, Not Central Government |
| | | 51 | Q & A |
| | | 14 October | **Mahanavami** |
| | | 15 October | **Vijayadasami** |
| | | 52 | Nehru and Science in the age of Corona Virus |
| 15 | 18-10-2021 To 23-10-2021 | 53 | Nehru and Science in the age of Corona Virus |
| | | 19 October | Milad-i-Sherif |
| | | 54 | Nehru and Science in the age of Corona Virus |
| | | 55 | Nehru and Science in the age of Corona Virus |
| | | 56 | Nehru and Science in the age of Corona Virus |
| | | 57 | Important contributions of Nehru |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| 16 | 25-10-2021 To 30-10-2021 | 58 | Scientific Advancements and Corona Virus |
| | | 59 | Q & A |
| | | 60 | Revision |
| | | 61 | Class Test |
| | | 62 | Democracy |
| | | 63 | Democracy |
| 17 | 01-11-2021 To 06-11-2021 | 64 | Q & A |
| | | 65 | Seminar presentation |
| | | 66 | Seminar presentation |
| | | 67 | Module 3: Black Out |
| | | 68 | Black Out |
| | | 69 | Black Out |
| 18 | 08-11-2021 To 13-11-2021 | 70 | **I Internal Examinations** |
| | | 71 | **I Internal Examinations** |
| | | 72 | **I Internal Examinations** |
| | | 73 | Group Discussion |
| | | 74 | Q & A |
| | | 75 | Assignment |
| 19 | 15-11-2021 To 19-11-2021 | 76 | Africa |
| | | 77 | Africa |
| | | | **Study Leave** |
| | | | **Study Leave** |
| | | | **Study Leave** |
| | | | **Study Leave** |
| 20 | 22-11-2021 To 26-11-2021 | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| 21 | 29-11-2021 To 03-12-2021 | 78 | Africa |
| | | 79 | Group Discussion |
| | | 80 | Q & A |
| | | 81 | A Hindu princess and her Islamic Dynasty |
| | | 82 | A Hindu princess and her Islamic Dynasty |
| | | 83 | A Hindu princess and her Islamic Dynasty |
| 22 | 06-12-2021 | 84 | Historical significance of the work |
| | | 85 | Q & A |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| | To 10-12-2021 | 86 | Class Test |
| | | 87 | Revision |
| | | 88 | Revision |
| | | 89 | Revision |
| 23 | 13-12-2021 To 17-12-2021 | 90 | Revision Test |
| | | | II Internal Examination |
| | | | II Internal Examination |
| | | | II Internal Examination |
| | | | II Internal Examination |
| 24 | 20-12-2021 To 24-12-2021 | | II Internal Examination |
| | | | II Internal Examination |
| | | | II Internal Examination |
| | | 23-12-2021 | Christmas Celebration |
| | | | Christmas Vacation |
| 25 | | | Christmas Vacation |
| | | | Christmas Vacation |
| | | | Christmas Vacation |
| | | | Christmas Vacation |
| | | | Christmas Vacation |

| | |
|---|---|
| **Subject Code:** | **3B03 MAT** |
| **Subject Name:** | **Analytic Geometry and Applications of Derivatives** |
| **No. of Credits:** | **4** |
| **No. of Contact Hours:** | **90** |
| **Hours per Week:** | **6** |
| **Name of the Teacher:** | **Remya Raj** |

**SYLLABUS**

# 3B03MAT:
# Analytic Geometry and Applications of Derivatives

### Unit I: Conic Sections (25 hours)
Conic Sections: Parabola, Ellipse, Hyperbola, Conics in Polar Co ordinates:
Eccentricity, polar equations for a conic, lines, circles (Sections 11.6, 11.7 of
Text 1)

### Unit II: Tangnts, Normals and Asymptotes (25 hours)
Tangents and normals: Equation of tangent, equation of Normal, Angle of
intersection of two curves, Lengths of tangents, normal.
Polar Curves: Angle between radius vector and tangent, Length of the
perpendicular from pole on the tangent.
Asymptotes.
(Sections 4.6, 4.7, 4.16 of Text 2).

### Unit III: Curvature and Evolutes (15 hours)
Curvature, Radius of curvature for Cartesian and polar curves, Centre of
Curvature, Circle of curvature, Evolutes (Sections 4.10, 4.11, 4.12 of Text 2).

### Unit IV: Mean Value Theorems, Extreme values of functions, Curve
### Sketching and Indeterminate forms (25 hours)
Fundamental Theorems: Rolle's Theorem, Lagrange's Mean Value Theorem,
Cauchy's Mean Value Theorem, Taylors Theorem (without proof),
Expansions of functions (Sections 4.3, 4.4 of Text 2)
Extreme values of functions, Monotonic functions and first derivative
test, concavity and curve sketching, Indeterminate forms (Proof of L'Hospital's
rule excluded) (Sections 4.1, 4.3, 4.4, 7.5 of Text 1).

### Texts
1. G.B, Thomas Jr., M.D. Weir and J.R. Hass, Thomas' Calculus (12th
edition), Pearson Education
2. Higher Engineering Mathematics, B.S. Grewal (43rd edition), Khanna
Publishers.

# TEACHING SCHEDULE

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| 1 | 12-07-2021 To 17-07-2021 | 1 | Conic sections: introduction |
| | | 2 | Parabola |
| | | 3 | Ellipse |
| | | 4 | Hyperbola |
| | | 5 | Examples |
| | | 6 | Conics in polar coordinates |
| 2 | 19-07-2021 To 24-07-2021 | 7 | Polar form and examples |
| | | 20 July | Bakrid- Holiday |
| | | 8 | Lines and Circles |
| | | 9 | Examples |
| | | 10 | Tangents and Normals |
| | | 11 | Examples to find tangents and normal |
| 3 | 26-07-2021 To 31-07-2021 | 12 | Angle of intersection of curves |
| | | 13 | Examples |
| | | 14 | Examples |
| | | 15 | Length of tangents and normals |
| | | 16 | Length of Subtangent, subnormal |
| | | 17 | Examples |
| 4 | 02-08-2021 To 07-08-2021 | 18 | Examples |
| | | 19 | Polar curves |
| | | 20 | Angle between radius vector and tangent |
| | | 21 | Polar subtangent and subnormal |
| | | 22 | Examples |
| | | 23 | Examples |
| 5 | 09-08-2021 To 14-08-2021 | 24 | Assignment |
| | | 25 | Asymptotes:introduction |
| | | 26 | Vertical and horizontal asymptotes |
| | | 27 | Examples |
| | | 28 | Method to find asymptotes parallel to axes |
| | | 29 | General method to find asymptote of a curve |
| 6 | 16-08-2021 To 21-08-2021 | 30 | Examples |
| | | 31 | Examples |
| | | 32 | Examples |
| | | 19 August | Moharam/Onam Vacation |
| | | 20 August | Onam Vacation |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| | | 21 August | Onam Vacation |
| 7 | 23-08-2021 To 28-08-2021 | 23 August | Onam Vacation |
| | | 24 August | Onam Vacation |
| | | 25 August | Onam Vacation |
| | | 26 August | Onam Vacation |
| | | 27 August | Onam Vacation |
| | | 28 August | Onam Vacation |
| 8 | 30-08-2021 To 04-09-2021 | 30 August | Onam Vacation |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| 9 | 06-09-2021 To 11-09-2021 | | Study Leave |
| | | | Study Leave |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| 10 | 13-09-2021 To 18-09-2021 | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| 11 | 20-09-2021 To 25-09-2021 | 33 | Asymptote of a polar curve |
| | | 21 September | Sree Narayana Guru Samadhi |
| | | 34 | Curvature:introduction |
| | | 35 | Curvature and radius of curvature |
| | | 36 | Formula for radius of curvature |
| | | 37 | Examples to find radius of curvature |
| 12 | 27-09-2021 To 02-10-2021 | 38 | Radius of curvature for parametric curves |
| | | 39 | Examples |
| | | 40 | Radius of curvature for polar curves |
| | | 41 | Examples |
| | | 42 | Radius of curvature of circle |
| | | 2 October | Gandhi Jayanthi |
| 13 | 04-10-2021 | 43 | Circle of curvature and centre of curvature |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| | To 09-10-2021 | 44 | Evolutes |
| | | 45 | Evolute of parabola |
| | | 46 | Evolute of ellipse |
| | | 47 | Evolute of hyperbola |
| | | 48 | Examples of finding evolutes of other curves |
| 14 | 11-10-2021 To 16-10-2021 | 49 | Finding evolute of cycloid, rectangular hyperbola |
| | | 50 | Rolle's theorem |
| | | 51 | Examples of Rolle's theorem |
| | | 14 October | Mahanavami |
| | | 15 October | Vijayadasami |
| | | 52 | Mean Value theorem |
| 15 | 18-10-2021 To 23-10-2021 | 53 | Examples of mean value theorem |
| | | 19 October | Milad-i-Sherif |
| | | 54 | Proving results using Mean Value theorem |
| | | 55 | Cauchy's Mean Value theorem |
| | | 56 | Examples |
| | | 57 | Taylor's theorem |
| 16 | 25-10-2021 To 30-10-2021 | 58 | Maclaurin's theorem |
| | | 59 | Examples |
| | | 60 | Expansions of functions |
| | | 61 | Maclaurin's series expansions |
| | | 62 | Taylor's series expansions |
| | | 63 | Examples |
| 17 | 01-11-2021 To 06-11-2021 | 64 | Indeterminate forms |
| | | 65 | L'Hospital's rule |
| | | 66 | L'Hospital's rule for 0/0 form |
| | | 67 | L'Hospital's rule for $\infty/\infty$ form |
| | | 68 | Applying L'Hospital's rule for other forms |
| | | 69 | Indeterminate powers |
| 18 | 08-11-2021 To 13-11-2021 | 70 | I Internal Examinations |
| | | 71 | I Internal Examinations |
| | | 72 | I Internal Examinations |
| | | 73 | Examples |
| | | 74 | Examples |
| | | 75 | Assignment |
| 19 | 15-11-2021 | 76 | Extreme values of functions |
| | | 77 | Local extreme values |
| | | | Study Leave |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| | To 19-11-2021 | | **Study Leave** |
| | | | **Study Leave** |
| | | | **Study Leave** |
| **20** | 22-11-2021 To 26-11-2021 | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| **21** | 29-11-2021 To 03-12-2021 | 78 | **First derivative theorem** |
| | | 79 | **Examples** |
| | | 80 | **Monotonic functions** |
| | | 81 | **First derivative test** |
| | | 82 | **Examples** |
| | | 83 | **Second derivative test for local extreme values** |
| **22** | 06-12-2021 To 10-12-2021 | 84 | **Concavity** |
| | | 85 | **Points of inflections,examples** |
| | | 86 | **Curve sketching** |
| | | 87 | **Seminar** |
| | | 88 | **Seminar** |
| | | 89 | **University question paper discussion** |
| **23** | 13-12-2021 To 17-12-2021 | 90 | **Class test** |
| | | | **II Internal Examination** |
| | | | **II Internal Examination** |
| | | | **II Internal Examination** |
| | | | **II Internal Examination** |
| **24** | 20-12-2021 To 24-12-2021 | | **II Internal Examination** |
| | | | **II Internal Examination** |
| | | | **II Internal Examination** |
| | | **23-12-2021** | **Christmas Celebration** |
| | | | **Christmas Vacation** |
| **25** | | | **Christmas Vacation** |
| | | | **Christmas Vacation** |
| | | | **Christmas Vacation** |
| | | | **Christmas Vacation** |
| | | | **Christmas Vacation** |

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|---|---|
| **Subject Code:** | **3C 03 STA** |
| **Subject Name:** | **Probability Distributions** |
| **No. of Credits:** | **3** |
| **No. of Contact Hours:** | **90** |
| **Hours per Week:** | **6** |
| **Name of the Teacher:** | **Varsha C** |

**Module I:**

**Mathematical Expectation** :Definition and properties of mathematical expectation, addition and multiplication theorem on expectation and expectation of functions of random variables; Moments –Definition of raw and central moments, relation between raw and central moments, Expectation of bivariate random variables, conditional mean and variance, correlation

Coefficient between random variables; Generating functions – Moment generating function, definition and properties, cumulant generating function and characteristic function.

**Module II:**

**Discrete Distributions** :Definition, moments, mgf, cgf, properties and different characteristics of Discrete Uniform distribution, Bernoulli distribution, Binomial distribution, Poisson distribution and Geometric distribution

**Module III:**

**Continuous Distributions** –Definition, moments, mgf, cgf, properties and different characteristics of Uniform distribution, Normal distribution, Standard normal distribution, Exponential distribution, Gamma distribution with one and two parameters and Beta distributions I and II kind

**Module IV:**

**SAMPLING DISTRIBUTIONS:** Defenition,standard error, sampling distribution of sample mean and sample variance, chi-square ,student's t and F distributions , inter relation between chi-square ,t and F distribution.

**Book for Study :** S.C.Gupta&V.K.Kapoor : Fundamentals of Mathematical Statistics, Sultan Chand & Sons

**Book for Reference :** Sheldon.M.Ross : Introductory Statistics, Elsevier Academic Press

# TEACHING SCHEDULE

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| **1** | 12-07-2021 To 17-07-2021 | 1 | Definition of mathematical expectation, discrete case |
| | | 2 | Definition of mathematical expectation, continuous case |
| | | 3 | Properties of expectation |
| | | 4 | Exercise problem solving |
| | | 5 | Exercise problem solving |
| | | 6 | Addition theorem |
| **2** | 19-07-2021 To 24-07-2021 | 7 | Multiplication theorem |
| | | 20 July | **Bakrid- Holiday** |
| | | 8 | Class test |
| | | 9 | Expectation of function of random variable discrete case |
| | | 10 | Expectation of functions of random variable continuous case |
| | | 11 | Exercise problem solving |
| **3** | 26-07-2021 To 31-07-2021 | 12 | Exercise problem solving |
| | | 13 | Moments; definition of raw moments |
| | | 14 | definition of central moments |
| | | 15 | seminar |
| | | 16 | Relationship between raw and central moment |
| | | 17 | Relationship between raw and central moment |
| **4** | 02-08-2021 To 07-08-2021 | 18 | Expectation of bivariate random variable |
| | | 19 | Expectation of bivariate random variable continuous case |
| | | 20 | Exercise problem solving |
| | | 21 | Exercise problem solving |
| | | 22 | Class test |
| | | 23 | Seminar |
| **5** | 09-08-2021 To 14-08-2021 | 24 | Conditional mean |
| | | 25 | Conditional variance |
| | | 26 | Covariance of random variables |
| | | 27 | Correlation coefficient between random variables |
| | | 28 | Moment generating functions definition |
| | | 29 | Moment generating functions properties |
| **6** | 16-08-2021 To 21-08-2021 | 30 | Moment generating functions properties |
| | | 31 | Characteristic function definition |
| | | 32 | Characteristic function properties |
| | | 19 August | **Moharam/Onam Vacation** |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| | | 20 August | Onam Vacation |
| | | 21 August | Onam Vacation |
| 7 | 23-08-2021 To 28-08-2021 | 23 August | Onam Vacation |
| | | 24 August | Onam Vacation |
| | | 25 August | Onam Vacation |
| | | 26 August | Onam Vacation |
| | | 27 August | Onam Vacation |
| | | 28 August | Onam Vacation |
| 8 | 30-08-2021 To 04-09-2021 | 30 August | Onam Vacation |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| 9 | 06-09-2021 To 11-09-2021 | | Study Leave |
| | | | Study Leave |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| 10 | 13-09-2021 To 18-09-2021 | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| 11 | 20-09-2021 To 25-09-2021 | 33 | Characteristic function properties |
| | | 21 September | Sree Narayana Guru Samadhi |
| | | 34 | Uniqueness theorem and its proof |
| | | 35 | Cumulant generating function definition |
| | | 36 | Cumulant generating function properties |
| | | 37 | Previous question paper discussion |
| 12 | 27-09-2021 To 02-10-2021 | 38 | Revision |
| | | 39 | Class test |
| | | 40 | Discrete distribution definition |
| | | 41 | Uniform distribution discrete case definition |
| | | 42 | Derivation of mean and variance of uniform distribution |
| | | 2 October | **Gandhi Jayanthi** |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| **13** | 04-10-2021 To 09-10-2021 | 43 | Bernoulli distribution definition |
| | | 44 | Derivation of mean and variance of Binomial distribution |
| | | 45 | Moment generating function Binomial distribution |
| | | 46 | Cumulant generating function Binomial distribution |
| | | 47 | Definition of Poisson distribution |
| | | 48 | Mean ,variance and mgf  of Poisson distribution |
| **14** | 11-10-2021 To 16-10-2021 | 49 | Cumulant generating function of Poisson distribution |
| | | 50 | Geometric distribution definition |
| | | 51 | Derivation of mean and variance of Geometric distribution |
| | | 14 October | **Mahanavami** |
| | | 15 October | **Vijayadasami** |
| | | 52 | MGF and CGF of Geometric distribution |
| **15** | 18-10-2021 To 23-10-2021 | 53 | Overview of continuous distribution |
| | | 19 October | Milad-i-Sherif |
| | | 54 | Definition of continuous uniform distribution |
| | | 55 | Mean and variance of continuous uniform distribution |
| | | 56 | Moment generating function of continuous uniform distribution |
| | | 57 | Properties of continuous uniform distribution |
| **16** | 25-10-2021 To 30-10-2021 | 58 | Definition of normal distribution |
| | | 59 | Mean and variance of normal distribution |
| | | 60 | Moment generating function of normal distribution |
| | | 61 | Cumulant generating function of normal distribution |
| | | 62 | Standard normal distribution definition and properties |
| | | 63 | Exponential distribution definition |
| **17** | 01-11-2021 To 06-11-2021 | 64 | Mean and variance of Exponential distribution |
| | | 65 | Moment generating function of Exponential distribution |
| | | 66 | Cumulant generating function of Exponential distribution |
| | | 67 | Gamma distribution one parameter definition and properties |
| | | 68 | Beta distribution first kind definition and properties |
| | | 69 | Beta distribution second kind definition and properties |
| **18** | 08-11-2021 To 13-11-2021 | 70 | **I Internal Examinations** |
| | | 71 | **I Internal Examinations** |
| | | 72 | **I Internal Examinations** |
| | | 73 | Previous question paper discussion |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| | | 74 | revision |
| | | 75 | Class test |
| 19 | 15-11-2021 To 19-11-2021 | 76 | Definition of standard error |
| | | 77 | Introduction to sampling distributions |
| | | | **Study Leave** |
| | | | **Study Leave** |
| | | | **Study Leave** |
| | | | **Study Leave** |
| 20 | 22-11-2021 To 26-11-2021 | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| 21 | 29-11-2021 To 03-12-2021 | 78 | Sampling distribution of sample mean |
| | | 79 | Sampling distribution of sample variance |
| | | 80 | Introduction to chi-square distribution |
| | | 81 | Mean and variance of chi-square distribution |
| | | 82 | Introduction to student's t distribution |
| | | 83 | Mean and variance of student's t distribution |
| 22 | 06-12-2021 To 10-12-2021 | 84 | Exercise problem solving |
| | | 85 | Mean and variance of F distribution |
| | | 86 | Inter correlation between chi-square, student's t and F distribution |
| | | 87 | Inter correlation between chi-square, student's t and F distribution |
| | | 88 | Previous question paper discussion |
| | | 89 | Previous question paper discussion |
| 23 | 13-12-2021 To 17-12-2021 | 90 | Class test |
| | | | **II Internal Examination** |
| | | | **II Internal Examination** |
| | | | **II Internal Examination** |
| | | | **II Internal Examination** |
| 24 | 20-12-2021 To 24-12-2021 | | **II Internal Examination** |
| | | | **II Internal Examination** |
| | | | **II Internal Examination** |
| | | **23-12-2021** | **Christmas Celebration** |
| | | | **Christmas Vacation** |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| **25** | | | **Christmas Vacation** |
| | | | **Christmas Vacation** |
| | | | **Christmas Vacation** |
| | | | **Christmas Vacation** |
| | | | **Christmas Vacation** |

| Subject Code: | 3C 03 CSC |
|---|---|
| Subject Name: | Web Technology with Database Management System |
| No. of Credits: | 3 |
| No. of Contact Hours: | 54 |
| Hours per Week: | 4 |
| Name of the Teacher: | Vineetha Mathew |

## COURSE OUTCOME

CO1: Develop skills to design a web page using HTML

CO2: Understand HTML Forms and CSS Styling

CO3: Develop skills to develop database and retrieve data using SQL

CO4: Learn basics of server-side programming with PHP

## SYLLABUS

**Unit I: HTML Basics**

Introduction to WWW and HTML, Steps for hosting a website, Structure of HTML, HTML elements and attributes, Headings, Paragraphs, Formatting tags, line breaks, Comments, Links, Images, Lists, HTML5 Semantic Elements (header, footer, nav, section, article, aside), HTML Tables.          (14 Hrs)

**Unit II: HTML Forms and CSS**

HTML Forms (input, select, textarea, button, datalist), Input types (text, password, submit, radio, checkbox, date, email), Input attributes (value, readonly, disabled, maxlength, autocomplete, list, min, max, placeholder), HTML5 form validation (required and pattern attribute of input type), Applying style to html using CSS (Inline, Internal and External CSS, Colors, Fonts, Borders, Padding, Applying style using class and id attribute)          (12 Hrs)

**Unit III:  Database Management System**

Database Management System (Introduction, Simplified DBMS structure, advantages of DBMS, Database Administrators, Designers, End Users, System Analysts and Application Programmers), Relational Data Model (Domains, Attributes, Tuples, Relations), Relational Data Model Constraints (Domain Constraints, Key Constraints)

SQL Data Definition and Basic Data Types, Schema, DDL Statements (Create, Alter, Drop), Specifying Key Constraints in SQL, DML (Select, Insert, Update, Delete), Ordering Tuples, Renaming Attributes, Substring Pattern Matching and Arithmetic Operators, Aggregate Functions in SQL, Group By and Having, Joins (Inner and Outer) (18 Hrs)

**Unit IV: Introduction to PHP**

Introduction to PHP, PHP basics (Variable, data types, Constants, Operators), Flow control (if, switch, while, for), Functions, Strings, Arrays, Form Handling (GET and POST methods), Connecting php to a database.          (10 Hrs)


**Books for Study:**
1. Julie C. Meloni, HTML and CSS in 24 Hours, Sams Teach Yourself (Updated for HTML5 and CSS3), Ninth Edition
2. Ramez Elmasri, Shamkant B. Navathe, Fundamentals of Database Systems, 7th Edition, Pearson
3. https://www.w3schools.com/php/


**Books for Reference:**
1. Powell, Thomas A. HTML & CSS: The Complete Reference. McGraw Hill Education; 5 edition.
2. Silberschatz, Abraham, Henry F. Korth, and ShashankSudarshan. Database system concepts. McGraw-Hill.
3. PHP: The Complete Reference, Steven Holzner, McGraw Hill Education
4. https://www.w3schools.com/css/
5. https://www.w3schools.com/html/

# TEACHING SCHEDULE

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| 1 | 12-07-2021 To 17-07-2021 | 1 | Introduction |
| | | 2 | WWW |
| | | 3 | Steps for hosting a website |
| | | 4 | Structure of HTML, HTML elements and attributes |
| 2 | 19-07-2021 To 24-07-2021 | 5 | Headings, Paragraphs |
| | | 20 July | **Bakrid- Holiday** |
| | | 6 | Formatting tags |
| | | 7 | Line breaks, Comments |
| 3 | 26-07-2021 To 31-07-2021 | 8 | Links |
| | | 9 | Images |
| | | 10 | Lists |
| | | 11 | HTML5 Semantic Elements (header, footer, nav, section, article, aside) |
| 4 | 02-08-2021 To 07-08-2021 | 12 | HTML Tables. |
| | | 13 | Revision and Question Bank Preparation |
| | | 14 | Class Test |
| | | 15 | HTML Forms |
| 5 | 09-08-2021 To 14-08-2021 | 16 | Forms (input, select, textarea, button, datalist) |
| | | 17 | Input types |
| | | 18 | Input types |
| | | 19 | Input attributes |
| 6 | 16-08-2021 To 21-08-2021 | 20 | Input attributes |
| | | 21 | HTML5 form validation (required and pattern attribute of input type) |
| | | 19 August | **Moharam/Onam Vacation** |
| | | 20 August | Onam Vacation |
| | | 21 August | Onam Vacation |
| 7 | 23-08-2021 To 28-08-2021 | 23 August | Onam Vacation |
| | | 24 August | Onam Vacation |
| | | 25 August | Onam Vacation |
| | | 26 August | Onam Vacation |
| | | 27 August | Onam Vacation |
| | | 28 August | Onam Vacation |
| 8 | 30-08-2021 | 30 August | Onam Vacation |
| | | | Study Leave |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| | To 04-09-2021 | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| 9 | 06-09-2021 To 11-09-2021 | | Study Leave |
| | | | Study Leave |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| 10 | 13-09-2021 To 18-09-2021 | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| 11 | 20-09-2021 To 25-09-2021 | 22 | Applying style to html using CSS (Inline, Internal and External CSS |
| | | 21 September | Sree Narayana Guru Samadhi |
| | | 23 | Colors, Fonts, Borders, Padding |
| 12 | 27-09-2021 To 02-10-2021 | 24 | Applying style using class and id attribute |
| | | 25 | Revision and Question bank Preparation |
| | | 26 | Class Test |
| | | 2 October | **Gandhi Jayanthi** |
| 13 | 04-10-2021 To 09-10-2021 | 27 | Database Management System (Introduction, Simplified DBMS structure) |
| | | 28 | Advantages of DBMS |
| | | 29 | Database Administrators, Designers, End Users, System Analysts and Application Programmers) |
| | | 30 | Relational Data Model (Domains, Attributes, Tuples, Relations) |
| 14 | 11-10-2021 To 16-10-2021 | 31 | Relational Data Model Constraints (Domain Constraints, Key Constraints) |
| | | 14 October | **Mahanavami** |
| | | 15 October | **Vijayadasami** |
| | | 32 | |
| 15 | 18-10-2021 | 33 | SQL Data Definition and Basic Data Types, Schema |
| | | 19 October | Milad-i-Sherif |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| | To<br>23-10-2021 | 34 | DDL Statements (Create, Alter, Drop) |
| | | 35 | Specifying Key Constraints in SQL |
| **16** | 25-10-2021<br>To<br>30-10-2021 | 36 | DML (Select, Insert) |
| | | 37 | DML (Update, Delete) |
| | | 38 | Ordering Tuples,  Renaming Attributes |
| | | 39 | Substring Pattern Matching and Arithmetic Operators |
| **17** | 01-11-2021<br>To<br>06-11-2021 | 40 | Aggregate Functions in SQL, Group By and Having |
| | | 4 November | **Diwali** |
| | | 41 | Joins (Inner and Outer) |
| | | 42 | Class Test |
| **18** | 08-11-2021<br>To<br>13-11-2021 | 43 | **I Internal Examinations** |
| | | 44 | **I Internal Examinations** |
| | | 45 | **I Internal Examinations** |
| **19** | 15-11-2021<br>To<br>19-11-2021 | 46 | Introduction to PHP, PHP basics (Variable, data types, Constants, Operators) |
| | | | **Study Leave** |
| | | | **Study Leave** |
| | | | **Study Leave** |
| | | | **Study Leave** |
| **20** | 22-11-2021<br>To<br>26-11-2021 | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| **21** | 29-11-2021<br>To<br>03-12-2021 | 47 | Flow control (if, switch, while, for) |
| | | 48 | Functions |
| | | 49 | Strings, Arrays |
| | | 50 | Form Handling (GET and POST methods) |
| **22** | 06-12-2021<br>To<br>10-12-2021 | 51 | Connecting php to a database. |
| | | 52 | Connecting php to a database. |
| | | 53 | Revision |
| | | 54 | Revision |
| **23** | 13-12-2021<br>To<br>17-12-2021 | | **II Internal Examination** |
| | | | **II Internal Examination** |
| | | | **II Internal Examination** |
| | | | **II Internal Examination** |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| **24** | 20-12-2021 To 24-12-2021 | | II Internal Examination |
| | | | II Internal Examination |
| | | | II Internal Examination |
| | | 23-12-2021 | Christmas Celebration |
| | | | Christmas Vacation |
| **25** | | | Christmas Vacation |
| | | | Christmas Vacation |
| | | | Christmas Vacation |
| | | | Christmas Vacation |
| | | | Christmas Vacation |

| Subject Code: | 3C 03 CSC |
|---|---|
| Subject Name: | Web Programming |
| No. of Credits: | - |
| No. of Contact Hours: | 36 |
| Hours per Week: | 3 |
| Name of the Teacher: | Vineetha Mathew |

**Program List**

**Program 1:** Create an HTML page for your college. It should contain the following

a) Heading tags

b) An image of the college. Use the width and border attributes.

c) A brief description of the college which should include some text in bold, italics. The contents background color should be set as black and text color should be set as white. Font size should be 14 pt.

d) List of programmes offered by the college (Use unordered lists)

e) Display the timings of each period using ordered list as shown below.

        1. 9.30 – 10.30

        2. 10.30 – 11.30

        3. 11.30 – 12.30

        4. 1.30 - 2.30

        5. 2.30 – 3.30

**Program 2:** Create an HTML page which contains the heading Result. The body should contain your name and register no. Create a hyper link to another page which displays your mark list as shown in the format below. Apply CSS styling to table to make the header rows background color light blue.

| Your Name(Your Reg No.) | | | | | |
|---|---|---|---|---|---|
| Course Title | Marks Awarded | | | Max Marks | Result |
| | IA | ESE | Total | | |
| Paper 1 | 10 | 38 | 48 | 50 | P |
| Paper 2 | 9 | 30 | 39 | 50 | P |
| Paper 3 | 10 | 40 | 50 | 50 | P |
| Total Marks | | | 137 | 150 | P |

**Program 3:** Create an HTML form to accept name, gender, email, date of birth, password, address, programme, University, Languages Known. The following requirements are to be satisfied.

    a) Use place holders for name, email and password

    b) Programmes should be displayed using a data list with values Computer Science, Physics, Chemistry, Mathematics and Statistics.

    c) Date of birth should be accepted from a calendar. Use appropriate input type.

    d) University should be a drop-down list with values Kannur University, University of Calicut, MG University and Kerala University

    e) Address should contain multiple lines of text

    f) Languages known should be check boxes for Malayalam, English and Hindi.

    g) Name is mandatory field (cannot be left blank). Email should be validated for proper format before submission.

    h) On clicking submit button, a new HTML page should be displayed with a message "Successfully Registered".

**Program 4:** A university needs to maintain details of students. Create a table with the schema student (regno, name, sex, city, programme, cgpa). regno is the primary key. cgpa should be a real number with 3 digits to the right of the decimal point. Apply suitable constraints to ensure that sex can take up only values 'm' or 'f' and that cgpa is a decimal number between 0 and 10. Insert the following data into the table.

| RegNo. | Name | Sex | City | Programme | CGPA |
|--------|----------|-----|-----------|------------------|-------|
| 1001 | Rahul | m | Kasaragod | Mathematics | 8.550 |
| 1002 | Shravan | M | Wayanad | Computer Science | 6.550 |
| 1003 | Arjun | m | Kannur | Mathematics | 3.550 |
| 1004 | Sandra | f | Kannur | Computer Science | 9.010 |
| 1005 | Santhosh | m | Wayanad | Computer Science | 3.450 |
| 1006 | Rajeev | m | Kannur | Computer Science | 8.120 |
| 1007 | Anjali | f | Kasaragod | Mathematics | 8.250 |
| 1008 | Megha | f | Kannur | Computer Science | 4.850 |

    a) Rename the column city as place.

    b) Update the programme "Computer Science" with "CS".

c) Select the regno, name, programme and cgpa of all boy students whose name starts with the letter "S". Name should be displayed in capital letters.

d) Display the regno, name, programme and cgpa of the top scorer in "CS".

e) Display all details of girl students who got "A" Grade (cgpa between 8 and 8.99) in Mathematics.

f) Delete the records of all students who failed (cgpa < 4.00).

**Program 5:** A bank needs to maintain customer and account details. Create 2 tables with following schema. Customer (custid, name, sex, city) and account (custid, accno, type, amount). custid is the primary key for the customer table and accno is the primary key for the account table. Apply suitable constraints to ensure that sex can take up only values 'm' or 'f'. Insert the following data into the tables.

| customer | | | |
|---|---|---|---|
| cutid | name | sex | city |
| 101 | Arjun | m | Kannur |
| 102 | Megha | f | Kannur |
| 103 | Diya | f | Kasargod |
| 104 | John | m | Calicut |
| 105 | Anagha | f | Calicut |
| 106 | Sayeed | m | Calicut |
| 107 | Rahul | m | Calicut |

| account | | | |
|---|---|---|---|
| cutid | accno | type | amount |
| 101 | 1001 | SB | 1000 |
| 101 | 1002 | FIXED | 10000 |
| 102 | 1003 | SB | 2000 |
| 103 | 1004 | FIXED | 2000 |
| 104 | 1005 | SB | 1000 |
| 105 | 1006 | FIXED | 30000 |
| 106 | 1007 | SB | 1000 |

a) Using join, display all the details of customers having only FIXED account in the bank. The details should include their account details also. Sort the result in descending order of amount.

b) Display all the details of customers in the bank along with their account details. The result should include customers even if they do not have SB or FIXED accounts.

c) Maturity amount for a FIXED account is calculated by adding 8% to the amount (i.e. maturity_amount=amount*1.08). Write a SELECT query to display custid, name, amount, maturity_amount for all the customers having only FIXED accounts in the bank.

d) Find the total amount in the account table.

e) Deduct the amount by Rs. 50 for all SB accounts in the bank using UPDATE statement.

f) Write a single SQL query to display the total amount for FIXED and total amount for SB accounts.

**Program 6:** Create a table with following schema books(title, author, shelfno). Create an HTML file which contains a form to accept book's title, author and shelf no. Write a PHP program to insert title, author and shelf no in the form to the books table. Insert 3 books' details using this and verify whether the details are present in the table using SQL.

# TEACHING SCHEDULE

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| 1 | 12-07-2021 To 17-07-2021 | 1 | Sample HTML Program |
| | | 2 | Sample HTML Program |
| | | 3 | Sample HTML Program |
| 2 | 19-07-2021 To 24-07-2021 | 4 | Sample HTML Program |
| | | 20 July | **Bakrid- Holiday** |
| | | 5 | Sample HTML Program |
| 3 | 26-07-2021 To 31-07-2021 | 6 | Sample HTML Program |
| | | 7 | Sample HTML Program |
| | | 8 | Lab Program 1 |
| 4 | 02-08-2021 To 07-08-2021 | 9 | Lab Program 1 |
| | | 10 | Sample HTML Program |
| | | 11 | Sample HTML Program |
| 5 | 09-08-2021 To 14-08-2021 | 12 | Sample HTML Program |
| | | 13 | Lab Program 2 |
| | | 14 | Lab Program 2 |
| 6 | 16-08-2021 To 21-08-2021 | 19 August | **Moharam/Onam Vacation** |
| | | 20 August | Onam Vacation |
| | | 21 August | Onam Vacation |
| 7 | 23-08-2021 To 28-08-2021 | 23 August | Onam Vacation |
| | | 24 August | Onam Vacation |
| | | 25 August | Onam Vacation |
| | | 26 August | Onam Vacation |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| | | 27 August | Onam Vacation |
| | | 28 August | Onam Vacation |
| 8 | 30-08-2021 To 04-09-2021 | 30 August | Onam Vacation |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| 9 | 06-09-2021 To 11-09-2021 | | Study Leave |
| | | | Study Leave |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| 10 | 13-09-2021 To 18-09-2021 | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| 11 | 20-09-2021 To 25-09-2021 | 15 | Sample HTML Program |
| | | 21 September | Sree Narayana Guru Samadhi |
| | | 16 | Sample HTML Program |
| 12 | 27-09-2021 To 02-10-2021 | 17 | Lab Program 4 |
| | | 18 | Lab Program 4 |
| | | 2 October | **Gandhi Jayanthi** |
| 13 | 04-10-2021 To 09-10-2021 | 19 | Sample DBMS Program |
| | | 20 | Sample DBMS Program |
| | | 21 | Sample DBMS Program |
| 14 | 11-10-2021 To 16-10-2021 | 14 October | **Mahanavami** |
| | | 15 October | **Vijayadasami** |
| 15 | 18-10-2021 To 23-10-2021 | 22 | Sample DBMS Program |
| | | 19 October | Milad-i-Sherif |
| 16 | 25-10-2021 | 23 | Sample DBMS Program |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| | To<br>30-10-2021 | 24 | Sample DBMS Program |
| | | 25 | Sample DBMS Program |
| 17 | 01-11-2021<br>To<br>06-11-2021 | 26 | Lab Program 5 |
| | | 4 November | **Diwali** |
| | | 27 | Lab Program 6 |
| 18 | 08-11-2021<br>To<br>13-11-2021 | 28 | **I Internal Examinations** |
| | | 29 | **I Internal Examinations** |
| | | 30 | **I Internal Examinations** |
| 19 | 15-11-2021<br>To<br>19-11-2021 | | **Study Leave** |
| | | | **Study Leave** |
| | | | **Study Leave** |
| | | | **Study Leave** |
| 20 | 22-11-2021<br>To<br>26-11-2021 | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| 21 | 29-11-2021<br>To<br>03-12-2021 | 31 | Sample PHP Program |
| | | 32 | Sample PHP Program |
| | | 33 | Lab Program 7 |
| 22 | 06-12-2021<br>To<br>10-12-2021 | 34 | Lab Program 7 |
| | | 35 | Lab Practice |
| | | 36 | Lab Exam |
| 23 | 13-12-2021<br>To<br>17-12-2021 | | **II Internal Examination** |
| | | | **II Internal Examination** |
| | | | **II Internal Examination** |
| 24 | 20-12-2021<br>To<br>24-12-2021 | | **II Internal Examination** |
| | | | **II Internal Examination** |
| | | | **II Internal Examination** |
| | | 23-12-2021 | **Christmas Celebration** |
| | | | **Christmas Vacation** |
| 25 | | | **Christmas Vacation** |
| | | | **Christmas Vacation** |
| | | | **Christmas Vacation** |
| | | | **Christmas Vacation** |

| | |
|---|---|
| **Subject Code:** | 3A09MAL |
| **Subject Name:** | Gadhya Sahithyam |
| **No. of Credits:** | 04 |
| **No. of Contact Hours:** | 90 |
| **Hours per Week:** | 06 |
| **Name of the Teacher:** | Rajisha C K |

**(Add your Updated syllabus here)**

യൂണിറ്റ് 1 ആത്മകഥ /സ്മരണ

1. കൊഴിഞ്ഞഇലകൾ
   ജോസഹ്ഫ്ണ്ടശ്ശേരി( ആദ്യത്തെ 5 അധ്യായങ്ങൾ )
2. നീർമാതളംപൂത്തകാലം മാധവിക്കുട്ടി ( ആദ്യത്തെ ഏഴ് അദ്ധ്യായങ്ങൾ )
3. ചിദംബരസ്മരണകൾ ബാലചന്ദ്രൻ ചുള്ളിക്കാട് ( 5 അധ്യായങ്ങൾ )

യൂണിറ്റ് 2 ജീവ ചരിത്രം / കേട്ടെഴുത്ത്
1. മൃത്യുഞ്ജയം കാവ്യജീവിതം
   എം കെ സാന കുമാരനാശാനെ കുറിച്ച് എഴുതിയ ജീവചരിത്രം ( നാല് അധ്യായങ്ങൾ )
2. അടിയാർ ടീച്ചർ
   താഹാ മാടായി(അടിയറ ടീച്ചർ എന്ന അദ്ധ്യായം മാത്രം )

യൂണിറ്റ് 3 സഞ്ചാര സാഹിത്യം

1. ക്ലിയോപാടയുടെ നാട്ടിൽ
   എസ് കെ പൊറ്റക്കാട് ( മൂന്ന് അധ്യായങ്ങൾ )
2. ഏതേതോ സരണികളിൽ
   സി വി ബാലകൃഷ്ണൻ ( അദ്ധ്യായം 22 മാത്രം )

യൂണിറ്റ് 4 നിരൂപണം ( സാഹിത്യം/ സിനിമ )

1. ആഘോഷിക്കപ്പെടാത്ത പോയൊരു സപ്തതിയുടെ ഓർമ്മയ്ക്ക് പി ഗീത
2. മേഘചാദിതമായനക്ഷത്രം
   എൻ ശശിധരൻ

# TEACHING SCHEDULE

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| 1 | 12-07-2021 To 17-07-2021 | 1 | സിലബസ് പരിചയപ്പെടുത്തൽ |
| | | 2 | ആത്മകഥാസാഹിത്യം പരിചയപ്പെടുത്തൽ |
| | | 3 | ആത്മകഥാ സാഹിത്യത്തിന്റെ പ്രത്യേകതകളും പ്രസക്തിയും |
| | | 4 | ജോസഫ് മുണ്ടശ്ശേരിയെ പരിചയപ്പെടുത്തൽ |
| | | 5 | കൊഴിഞ്ഞ ഇലകൾ എന്ന ആത്മകഥയ്ക്ക് ആമുഖ വിവ |
| | | 6 | കൊഴിഞ്ഞ ഇലകൾ അദ്ധ്യായംഒന്ന് ചർച്ച |
| 2 | 19-07-2021 To 24-07-2021 | 7 | കൊഴിഞ്ഞ ഇലകൾ അധ്യായം രണ്ട് ചർച്ച |
| | | 20 July | **Bakrid- Holiday** |
| | | 8 | കൊഴിഞ്ഞ ഇലകൾ അധ്യായം മൂന്ന് ചർച്ച |
| | | 9 | കൊഴിഞ്ഞ ഇലകൾ അദ്ധ്യായം നാല് ചർച്ച |
| | | 10 | കൊഴിഞ്ഞ ഇലകൾ അധ്യായം അഞ്ച് ചർച്ച |
| | | 11 | കൊഴിഞ്ഞ ഇലകൾ ഉപസംഹാരം |
| 3 | 26-07-2021 To 31-07-2021 | 12 | കൊഴിഞ്ഞ ഇലകൾ ചോദ്യോത്തരങ്ങളുടെ വിശദീകരണ |
| | | 13 | കൊഴിഞ്ഞ ഇലകൾ എന്ന അധ്യായത്തിലെ സംശയങ്ങള നിവാരണം |
| | | 14 | ക്ലാസ് പരീക്ഷ 1 |
| | | 15 | മാധവിക്കുട്ടിയെ പരിചയപ്പെടുത്തൽ |
| | | 16 | സ്ത്രീപക്ഷ സാഹിത്യം ചർച്ച |
| | | 17 | നീർമാതളം പൂത്തകാലം അദ്ധ്യായം1 വിശദീകരണം |
| 4 | 02-08-2021 To 07-08-2021 | 18 | നീർമാതളംപൂത്തകാലംഅദ്ധ്യായം1 വിശദീകരണം |
| | | 19 | നീർമാതളംപൂത്തകാലംഅദ്ധ്യായം2 2 വിശദീകരണം |
| | | 20 | നീർമാതളംപൂത്തകാലംഅദ്ധ്യായം2 2 വിശദീകരണം |
| | | 21 | നീർമാതളം പൂത്ത കാലം അധ്യായം 3 വിശദീകരണം |
| | | 22 | നീർമാതളം പൂത്ത കാലം അധ്യായം 3 വിശദീകരണം |
| | | 23 | നീർമാതളംപൂത്തകാലംഅധ്യായംനാല് വിശദീകരണം |
| 5 | 09-08-2021 To 14-08-2021 | 24 | നീർമാതളംപൂത്തകാലംഅധ്യായംനാല് വിശദീകരണം |
| | | 25 | നീർമാതളം പൂത്ത കാലം അധ്യായം 5 വിശദീകരണം |
| | | 26 | നീർമാതളം പൂത്ത കാലം അധ്യായം 5 വിശദീകരണം |
| | | 27 | നീർമാതളംപൂത്തകാലംഅധ്യായം6 വിശദീകരണം |
| | | 28 | നീർമാതളംപൂത്തകാലംഅധ്യായം6 വിശദീകരണം |
| | | 29 | നീർമാതളം പൂത്ത കാലം അധ്യായം 7 വിശദീകരണം |
| 6 | 16-08-2021 | 30 | നീർമാതളം പൂത്തകാലം ചോദ്യോത്തര വിശദീകരണം |

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|---|---|---|---|
| | To<br>21-08-2021 | 31 | നിർമാതളം പൂത്ത കാലം എന്ന അധ്യായത്തിലെ സംശയനിവാരണം |
| | | 32 | ക്ലാസ് പരീക്ഷ 2 |
| | | 19 August | **Moharam/Onam Vacation** |
| | | 20 August | Onam Vacation |
| | | 21 August | Onam Vacation |
| **7** | 23-08-2021<br>To<br>28-08-2021 | 23 August | Onam Vacation |
| | | 24 August | Onam Vacation |
| | | 25 August | Onam Vacation |
| | | 26 August | Onam Vacation |
| | | 27 August | Onam Vacation |
| | | 28 August | Onam Vacation |
| **8** | 30-08-2021<br>To<br>04-09-2021 | 30 August | Onam Vacation |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| **9** | 06-09-2021<br>To<br>11-09-2021 | | Study Leave |
| | | | Study Leave |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| **10** | 13-09-2021<br>To<br>18-09-2021 | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| **11** | 20-09-2021<br>To<br>25-09-2021 | 33 | ബാലചന്ദ്രൻ ചുള്ളിക്കാടിനെ പരിചയപ്പെടുത്തൽ |
| | | 21 September | Sree Narayana Guru Samadhi |
| | | 34 | ചിദംബരസ്മരണകൾഅധ്യായം ഭ്രൂണഹത്യ വിശദീകരണ |
| | | 35 | ചിദംബര സ്മരണകൾ അധ്യായം യാദൃശ്ചികം വിശദീകര |
| | | 36 | ചിദംബര സ്മരണകൾ അധ്യായം ഇരുന്നു ഉണ്ട് ഓണം വിശദീകരണം |
| | | 37 | ചിദംബരസ്മരണകൾ അധ്യായം രാജകുമാരനും യാചക ബാലനും വിശദീകരണം |
| **12** | 27-09-2021 | 38 | ചിദംബരസ്മരണകൾ സംശയനിവാരണം |

| | | 39 | ക്ലാസ് പരീക്ഷ 3 |
|---|---|---|---|
| | To<br>02-10-2021 | 40 | ജീവചരിത്രസാഹിത്യം വിശദീകരണം |
| | | 41 | കുമാരനാശാനെ പരിചയപ്പെടുത്തൽ |
| | | 42 | മൃത്യുഞ്ജയം കാവ്യജീവിതം അദ്ധ്യായം നിത്യതയിൽ ഒരു നീർപ്പോള വിശദീകരണം |
| | | 2 October | **Gandhi Jayanthi** |
| **13** | 04-10-2021<br>To<br>09-10-2021 | 43 | മൃത്യുഞ്ജയം കാവ്യജീവിതം അധ്യായം പൊതുജീവിതത്തിൽ ആത്മാർപ്പണം വിശദീകരണം |
| | | 44 | മൃത്യുഞ്ജയം കാവ്യജീവിതം അധ്യായം വേരുകൾ മണ്ണിനടിയിൽ പൂക്കൾ ചില്ലകളിൽ വിശദീകരണം |
| | | 45 | മൃത്യുഞ്ജയം കാവ്യജീവിതം അധ്യായം വിവർത്തനം ആത്മാവിഷ്കാരം വിശദീകരണം |
| | | 46 | മൃത്യുഞ്ജയം കാവ്യജീവിതം സംശയനിവാരണം |
| | | 47 | ക്ലാസ് പരീക്ഷ 4 |
| | | 48 | അടിയാറ് ടീച്ചർ അധ്യായം വിശദീകരണം |
| **14** | 11-10-2021<br>To<br>16-10-2021 | 49 | അടിയാറ് ടീച്ചർ അധ്യായം വിശദീകരണം |
| | | 50 | അടിയാർ ടീച്ചർ സംശയനിവാരണം |
| | | 51 | ക്ലാസ് പരീക്ഷ 5 |
| | | 14 October | **Mahanavami** |
| | | 15 October | **Vijayadasami** |
| | | 52 | സഞ്ചാര സാഹിത്യം വിശദീകരണം |
| **15** | 18-10-2021<br>To<br>23-10-2021 | 53 | എസ് കെ പൊറ്റക്കാടിനെ പരിചയപ്പെടുത്തൽ |
| | | 19 October | **Milad-i-Sherif** |
| | | 54 | ക്ലിയോപാട്രയുടെ നാട്ടിൽ |
| | | 55 | ക്ലിയോപാട്രയുടെ നാട്ടിൽ |
| | | 56 | ക്ലിയോപാട്രയുടെ നാട്ടിൽ |
| | | 57 | ക്ലിയോപാട്രയുടെ നാട്ടിൽ |
| **16** | 25-10-2021<br>To<br>30-10-2021 | 58 | ക്ലിയോപാട്രയുടെ നാട്ടിൽ |
| | | 59 | ക്ലാസ് പരീക്ഷ 6 |
| | | 60 | സി വി ബാലകൃഷ്ണനെ പരിചയപ്പെടുത്തൽ |
| | | 61 | ഏതേതോ സരണികളിൽ വിശദീകരണം |
| | | 62 | ഏതേതോ സരണികളിൽ വിശദീകരണം |
| | | 63 | ക്ലാസ് പരീക്ഷ 7 |
| **17** | 01-11-2021<br>To<br>06-11-2021 | 64 | ആഘോഷിക്കപ്പെടാത്ത പോയ സപ്തതിയുടെ ഓർമ്മയ്ക്ക് നിരൂപണം വിശദീകരണം |
| | | 65 | ആഘോഷിക്കപ്പെടാത്ത പോയ സപ്തതിയുടെ ഓർമ്മയ്ക്ക് നിരൂപണം വിശദീകരണം |
| | | 66 | ആഘോഷിക്കപ്പെടാത്ത പോയ സപ്തതിയുടെ ഓർമ്മയ്ക്ക് നിരൂപണം വിശദീകരണം |

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| | | 67 | ക്ലാസ് പരീക്ഷ 8 |
| | | 68 | റിവിഷൻ |
| | | 69 | റിവിഷൻ |
| **18** | 08-11-2021<br>To<br>13-11-2021 | 70 | **I Internal Examinations** |
| | | 71 | **I Internal Examinations** |
| | | 72 | **I Internal Examinations** |
| | | 73 | മേഘചാദിതമായ നക്ഷത്രം വിശദീകരണം |
| | | 74 | മേഘചാദിതമായ നക്ഷത്രം വിശദീകരണം |
| | | 75 | മേഘചാദിതമായ നക്ഷത്രം വിശദീകരണം |
| **19** | 15-11-2021<br>To<br>19-11-2021 | 76 | മേഘചാദിതമായ നക്ഷത്രം വിശദീകരണം |
| | | 77 | ക്ലാസ് പരീക്ഷ 9 |
| | | | **Study Leave** |
| | | | **Study Leave** |
| | | | **Study Leave** |
| | | | **Study Leave** |
| **20** | 22-11-2021<br>To<br>26-11-2021 | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| | | | **II Semester University Examination** |
| **21** | 29-11-2021<br>To<br>03-12-2021 | 78 | മേഘാ ധാക്കാ താരാ സിനിമ പ്രദർശനം |
| | | 79 | രാജലക്ഷ്മി എന്ന എഴുത്തുകാരിയെ പരിചയപ്പെടുത്തൽ |
| | | 80 | സഞ്ചാര സാഹിത്യത്തിന് പ്രസക്തി ചർച്ച |
| | | 81 | ജീവചരിത്ര സാഹിത്യം മലയാളത്തിൽ ചർച്ച |
| | | 82 | മൊഡ്യൂൾ 1 റിവിഷൻ |
| | | 83 | മൊഡ്യൂൾ 1 റിവിഷൻ |
| **22** | 06-12-2021<br>To<br>10-12-2021 | 84 | മൊഡ്യൂൾ 2റിവിഷൻ |
| | | 85 | മൊഡ്യൂൾ 2 റിവിഷൻ |
| | | 86 | മൊഡ്യൂൾ 3 റിവിഷൻ |
| | | 87 | മൊഡ്യൂൾ 3 റിവിഷൻ |
| | | 88 | മൊഡ്യൂൾ 4 റിവിഷൻ |
| | | 89 | മൊഡ്യൂൾ 4 റിവിഷൻ |
| **23** | 13-12-2021<br>To<br>17-12-2021 | 90 | സർവ്വകലാശാല പരീക്ഷയ്ക്കുള്ള തയ്യാറെടുപ്പ് |
| | | | **II Internal Examination** |
| | | | **II Internal Examination** |
| | | | **II Internal Examination** |
| | | | **II Internal Examination** |

| 24 | 20-12-2021 To 24-12-2021 | | II Internal Examination |
|---|---|---|---|
| | | | II Internal Examination |
| | | | II Internal Examination |
| | | 23-12-2021 | Christmas Celebration |
| | | | Christmas Vacation |
| 25 | | | Christmas Vacation |
| | | | Christmas Vacation |
| | | | Christmas Vacation |
| | | | Christmas Vacation |
| | | | Christmas Vacation |

| Subject Code: | 3A09-HIN |
|---|---|
| Subject Name: | ADDITIONAL COMMON COURSE - KATHA SAHITHYA |
| No. of Credits: | 4 |
| No. of Contact Hours: | 90 |
| Hours per Week: | 6 |
| Name of the Teacher: | E.T.Ashwni |

| Semester | Course Code | Hours per week | Credit | Exam Hours |
|---|---|---|---|---|
| 3 | 3A09HIN | 6 | 4 | 3 |

COURSE OUTCOME
CO1 : Analyze variety of short stories in the cultural and historical context.
CO2 : Analyze novel in the modern context.
CO3 : Understand the story content and structure in depth.
CO4 : Collaborate with peers of roll playing story analysis and presentations planning.

Unit I :
1. उपन्यास - सपनों की होम डेलिवरी (अविस्ततृ अध्ययन) – ममता कालिया
                                                                          (45- Hrs)

Unit II :
1.पूस की रात – प्रेमचन्द्
2.बिसाती – जयशंकर प्रसाद
                                                                          (15 Hrs)

Unit III:
3.मक्रील - यशपाल
4. स्विमिंग पूल - असगर वजाहत

                                                                          (15 Hrs)
Unit IV:
5.नो बार – जयप्रकाश करदम
6.हरी बिंदी – मृदुला गर्ग
                                                                           (15 Hrs)

# TEACHING SCHEDULE

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| 1 | 12-07-2021 To 17-07-2021 | 1 | उपन्यास-भूमिका |
| | | 2 | हिंदी उपन्यास का विकास |
| | | 3 | हिंदी उपन्यास का विकास |
| | | 4 | उपन्यास के तत्व |
| | | 5 | उपन्यास के तत्व |
| | | 6 | लेखिका परिचय- ममता कालिया |
| 2 | 19-07-2021 To 24-07-2021 | 7 | उपन्यास- सपनों की होम डेलिवरी |
| | | 20 July | Bakrid- Holiday |
| | | 8 | सपनों की होम डेलिवरी |
| | | 9 | सपनों की होम डेलिवरी |
| | | 10 | सपनों की होम डेलिवरी |
| | | 11 | सपनों की होम डेलिवरी |
| 3 | 26-07-2021 To 31-07-2021 | 12 | कक्षा परीक्षा |
| | | 13 | सपनों की होम डेलिवरी |
| | | 14 | सपनों की होम डेलिवरी |
| | | 15 | सपनों की होम डेलिवरी |
| | | 16 | सपनों की होम डेलिवरी |
| | | 17 | सपनों की होम डेलिवरी |
| 4 | 02-08-2021 To 07-08-2021 | 18 | कक्षा परीक्षा |
| | | 19 | सपनों की होम डेलिवरी |
| | | 20 | सपनों की होम डेलिवरी |
| | | 21 | सपनों की होम डेलिवरी |
| | | 22 | सपनों की होम डेलिवरी |
| | | 23 | सपनों की होम डेलिवरी |
| 5 | 09-08-2021 To 14-08-2021 | 24 | सपनों की होम डेलिवरी - कथावस्तु |
| | | 25 | सपनों की होम डेलिवरी - कथावस्तु |
| | | 26 | सपनों की होम डेलिवरी- पात्रों का चरित्र चित्रण |
| | | 27 | सपनों की होम डेलिवरी- पात्रों का चरित्र चित्रण |
| | | 28 | सपनों की होम डेलिवरी उपन्यास में स्त्री अस्मिता |
| | | 29 | प्रश्नोत्तर |
| 6 | 16-08-2021 To 21-08-2021 | 30 | कक्षा परीक्षा |
| | | 31 | समकालीन हिंदी कहानी |
| | | 32 | लेखक परिचय- प्रेमचंद |
| | | 19 August | Moharam/Onam Vacation |
| | | 20 August | Onam Vacation |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| | | 21 August | Onam Vacation |
| 7 | 23-08-2021 To 28-08-2021 | 23 August | Onam Vacation |
| | | 24 August | Onam Vacation |
| | | 25 August | Onam Vacation |
| | | 26 August | Onam Vacation |
| | | 27 August | Onam Vacation |
| | | 28 August | Onam Vacation |
| 8 | 30-08-2021 To 04-09-2021 | 30 August | Onam Vacation |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| 9 | 06-09-2021 To 11-09-2021 | | Study Leave |
| | | | Study Leave |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| 10 | 13-09-2021 To 18-09-2021 | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| | | | I Sem University Examination |
| 11 | 20-09-2021 To 25-09-2021 | 33 | पूस की रात |
| | | 21 September | Sree Narayana Guru Samadhi |
| | | 34 | पूस की रात |
| | | 35 | पूस की रात |
| | | 36 | पूस की रात- समीक्षा |
| | | 37 | पूस की रात- चरित्र चित्रण |
| 12 | 27-09-2021 To 02-10-2021 | 38 | पूस की रात -प्रशनोत्तर |
| | | 39 | कक्षा परीक्षा |
| | | 40 | लेखक परिचय- जयशंकर प्रसाद |
| | | 41 | बिसाती |
| | | 42 | बिसाती |
| | | 2 October | Gandhi Jayanthi |

| No of Weeks | Dates | Session | Topic |
|---|---|---|---|
| 13 | 04-10-2021 To 09-10-2021 | 43 | बिसाती |
| | | 44 | बिसाती |
| | | 45 | बिसाती- चरित्र चित्रण |
| | | 46 | बिसाती- समीक्षा |
| | | 47 | **कक्षा परीक्षा** |
| | | 48 | लेखक परिचय - यशपाल |
| 14 | 11-10-2021 To 16-10-2021 | 49 | मक्रील |
| | | 50 | **मक्रील** |
| | | 51 | **मक्रील** |
| | | 14 October | Mahanavami |
| | | 15 October | Vijayadasami |
| | | 52 | **मक्रील** |
| 15 | 18-10-2021 To 23-10-2021 | 53 | **मक्रील- समीक्षा** |
| | | 19 October | Milad-i-Sherif |
| | | 54 | कक्षा परीक्षा |
| | | 55 | लेखक परिचय- असगर वजाहत |
| | | 56 | स्विमिंग पूल |
| | | 57 | **स्विमिंग पूल** |
| 16 | 25-10-2021 To 30-10-2021 | 58 | **स्विमिंग पूल** |
| | | 59 | **स्विमिंग पूल** |
| | | 60 | **स्विमिंग पूल- कहानी का सारांश** |
| | | 61 | **स्विमिंग पूल - समीक्षा** |
| | | 62 | कक्षा परीक्षा |
| | | 63 | लेखक परिचय- जयप्रकाश कर्दम |
| 17 | 01-11-2021 To 06-11-2021 | 64 | हिंदी दलित साहित की भूमिका |
| | | 65 | नो बार |
| | | 66 | **नो बार** |
| | | 67 | **नो बार** |
| | | 68 | **नो बार- चरित्र चित्रण** |
| | | 69 | **नो बार- समीक्षा** |
| 18 | 08-11-2021 To 13-11-2021 | 70 | **I Internal Examinations** |
| | | 71 | **I Internal Examinations** |
| | | 72 | **I Internal Examinations** |
| | | 73 | प्रश्नोत्तर की चर्चा |
| | | 74 | स्त्री विमर्श |
| | | 75 | हिंदी कथा साहित्य में स्त्री विमर्श |
| 19 | 15-11-2021 | 76 | लेखिका परिचय- मृदुला गर्ग |
| | | 77 | हरि बिंदी |

| | | | |
|---|---|---|---|
| | To<br>19-11-2021 | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| | | | Study Leave |
| 20 | 22-11-2021<br>To<br>26-11-2021 | | II Semester University Examination |
| | | | II Semester University Examination |
| | | | II Semester University Examination |
| | | | II Semester University Examination |
| | | | II Semester University Examination |
| | | | II Semester University Examination |
| 21 | 29-11-2021<br>To<br>03-12-2021 | 78 | हरि बिंदी |
| | | 79 | हरि बिंदी |
| | | 80 | हरि बिंदी |
| | | 81 | हरि बिंदी-सारांश |
| | | 82 | हरि बिंदी- समीक्षा |
| | | 83 | कक्षा परीक्षा |
| 22 | 06-12-2021<br>To<br>10-12-2021 | 84 | सेमिनार |
| | | 85 | सेमिनार |
| | | 86 | सेमिनार |
| | | 87 | रिविज़न |
| | | 88 | रिविज़न |
| | | 89 | गत वर्ष के प्रश्न पत्रों की चर्चा |
| 23 | 13-12-2021<br>To<br>17-12-2021 | 90 | गत वर्ष के प्रश्न पत्रों की चर्चा |
| | | | II Internal Examination |
| | | | II Internal Examination |
| | | | II Internal Examination |
| | | | II Internal Examination |
| 24 | 20-12-2021<br>To<br>24-12-2021 | | II Internal Examination |
| | | | II Internal Examination |
| | | | II Internal Examination |
| | | 23-12-2021 | Christmas Celebration |
| | | | Christmas Vacation |
| 25 | | | Christmas Vacation |
| | | | Christmas Vacation |
| | | | Christmas Vacation |
| | | | Christmas Vacation |
| | | | Christmas Vacation |