**2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.**

Attainment of Programme outcomes and course outcomes are assessed by the institution using various indicators throughout the academic year. The continuous internal assessment mostly reveals the learning outcomes and academic performance of the students. Student learning outcomes can also be obtained by the marks secured in the university exams. The appeared students are given counseling to improve their learning and academic performance by the staff members. The faculty records the performance of each student with the help of specified course outcomes through a continuous evaluation process. Attainments of CO's are calculated by using university examination results. Attainment levels are finalized at college level and conveyed to IQAC through all departments. College takes care of the attainment by following methods of measuring attainments: 1) Internal and practical assessment 2) Academic Diary, 3) Annual Teaching Plan, 4) Daily Teaching Report, 5) Result Analysis, 6) Parent Teacher Meet, 7) Student feedback on course program 8) Feedback from Stakeholders, 9) Students' Progression to Higher Studies 10) Placement of the Students, 11) Providing question bank, 12) Extra classes for slow learners and also counseling classes for weak students in the subjects to improve their performance. 13) Students' performance in co-curricular and extracurricular activities. Students enrolled for Add On/Certificate Courses offered by the institution are evaluated by the institution itself. At the same time, observations of student knowledge and skills against measurable course outcomes are evaluated throughout the year.

**ATTAINMENT OF PROGRAM OUTCOMES:**

The College offers UG Programs. Generally, the objectives and importance of the Programs are communicated to the teachers and the students in the formal way of discussions. The outcome of Arts, Commerce and Science Programs are as follows:

**Student Attributes facilitated for Undergraduates**

i. Community engagement and global understanding

 ii. Critical and creative thinking

iii. To build-up thinking power and to develop their personality

iv. Self-employment and job oriented

v. Learning and earning process

vi. To make aware about environmental consciousness

vii. To inculcate morality and promote human approach

viii. To equip students with the means to pursue imagery with a foundation in visual studies.

ix. Create a foundation necessary for students to develop practical and theoretical knowledge about a broad range of visual activity, both past and present;

x. Students are offered courses that expose them to the complex relationship between theory and practice.

xi. Equipping students with the ability and interest to continue to enlarge their knowledge, understanding and skills throughout their working life.

xii. Develop of research ability and enhance social awareness through socio- economic surveys.

xiii. Cultivation of team spirit and leadership

xiv. Application of basic skills necessary for analysis of programs in Economics, Accounting, Marketing, Management and Finance

xv. To provide the students with a wide range of managerial skills at the same time building competence in a particular area of business studies

xvi. To develop conceptual knowledge of commerce To lead a student to higher education opportunities in the field of Business and Commerce such as ACCA, CA, MBA and M. Com.

**Subsequently, the College takes care of the attainment of above mentioned programs and follows following methods of measuring attainments:**

1. Academic Calendar,

2) Academic Diary,

3) Annual Teaching Plan,

4) Daily Teaching Report,

5) Result Analysis,

6) Parent Teacher Meet,

7) Student feedback on course programme

8) Feedback from Stakeholders,

9) Students' Progression to Higher Studies

10) Placement of the Students,

11) Providing question bank,

12) Extra classes for slow learners and also counselling classes for weak students in the subjects to improve their performance.

13) Students' performance in co-curricular and extracurricular activities

# Department of Mathematics
## Academic Year-**2024-2025**
### Class:-B.Sc F.Y Semester- I NEP-2024

Course Name paper
## DSC: Calculus

**Learning objectives of the course:**

i) To learn the derivatives of the functions of one variable

ii) To learn the partial derivatives of the functions

ii) To leam applicators of definite integral for quadrature, rectification and volume of
Solid of revolution

**Course Outcomes (COs):**

i) Find derivative of hyperbolic, inverse hyperbolic functions and th derivatives of given
functions.

ii) Find the Maclaurin's series expansion of functions

iii) Find the partial derivatives of functions

iv) Determine areas of plane regions, length of curves and volume of solid of revolution

## DSC-2: Lab Course-1 (Based on DSC-1)

**Learning Objectives of the Coursee**

i) To learn the derivatives of the functions of one variable

ii) To learn the partial derivatives of the functions

iii) To learn applications of definite untegral for quadrature, rectificanon and volume of
Solid  of revolution

**Course Outcomes (COs)**

i) Find derivative of hyperbolic, inverse hyperhohe functions and nth derivative of
Given function

ii) Find the Maclaurin's senes expansion of functions

 iii) Find the partial deuvatives of functions

iv) Descemine areas of plane regions, length of curses and volume of solid of revolution

## SEC-I B: Theory of Equations

**Learning Objectives of the Course:**

i) Understanding of relation between roots and coefficients.

ii) Learn the imaginary and surd roots.

iii) Learn the Descarte's rule of signs.

iv) Learn the Horner's process.

v) Learn the cubic and bi-quadratic equations.

**Course Outcomes (COs):**

After completion of the course, students will be able to

i) Solve the cubic and bi-quadratic equations.

ii) Find the imaginary and surd roots.

iii) Solve the discussion of reciprocal equations.

iv) Apply the Horner's process.

## SEC-2: Lab Course-SEC IA (Based on SEC IA)

**Learning Objectives of the Course:**

1) Understanding of permutations and combinations

ii) Learn the circular permutations.

iii) Learn the division of different things divided into groups.

iv) Learn pigeonhole principle and inclusion-exclusion principle.

**Course Outcomes (COs):**

i) Apply permutations and combinations.

ii) Find the number of circular permutations.

iii) Find the number of ways of selection out of given things.

iv) Apply pigeonhole principle and inclusion-exclusion principle.

**SEC-2: Lab Course-SECIB (Based on SEC I B)**

**Learning Objectives of the Course:**

i) Understanding of relation between roots and coefficients.

ii) Learn the imaginary and surd roots.

iii) Learn the Descartes's rule of signs.

iv) Learn the Horner's process.

v) Learn cubic and bi-quadratic equations.

**Course Outcomes (COs):**

i) Solve the cubic and bi-quadratic equations.

ii) Find the imaginary and surd roots.

iii) Solve the discussion of reciprocal equations.

iv) Apply the Horner's process.

**GE/O1-1: Business Mathematics-1**

**Learning Objectives of the Course:**

i) Learn the concepts of ratio and proportion

ii) Learn the calculations of retail market rates and currency conversions

iii) Learn the various types of discount

1) Learn the basics of function, system of equations and profit volume analy

**Course Outcomes (COs):**

i) Apply knowledge of ratios and proportions

ii) Apply currency and discounts to business

iii) Identify the functions and Incal functions

iv) Apply the identified functions to zest and prefit

## Paper- DSC-3: Differential Equations

**Learning Objectives of the Course:**

i) Learn the first order linear differential equations

ii) Identify and solve the exact differential equations

iii) Learn the general and short method of solution

iv) Learn linear homogeneous differential equations

**Course Outcomes (COs):**

i) Determine the solution of first order linear differential equations

ii) Determine the solution of exact differential equations

iii) Determine the solution of Imear equations with constant coefficient
     Using general and short method.

iv) Determine the solution of linear homogeneous differential equations.

## DSC-4: Lab Course-II (Based on DSC-3)

**Learning Objectives of the Course:**

i) Learn the first order linear differential equations

ii) Identify and solve the exact differential eqatinios

iii) Learn the general and short method of solution

iv) Learn lincar homogeneous differential equations

**Course Outcomes (COs):**
i) Determine the solution of first order lincar differential equations

ii) Determine the solution of exact differential oquatrom

iii) Determine the solution of hocar cquations with constant coefficient using
     General and short method

iv) Determine the solution of linear homogeneous differential equations.

## VSC-1A: Financial Accounting

**Learning Objectives of the Course:**

i) Understanding of accounting and financial terminology.

ii) Learn the financial transactions

iii) Assess the financial performance of the company

**Course Outcomes (COs):**

i) Apply the basic accounting and financial terounology.

ii) Perform the financial transactions

iii) Use the financial statements to assess a company's performance

## VSC-IB: Basic Statistics

**Learning Objectives of the Course:**

i) Learn the basic concepts of statistics

ii) Learn and analyze the scattered diagram or dot diagram

**Course Outcomes (COS):**

i) Determine the mean, mode, median and deviation for the given data.

ii) Apply the concepts of probability.

## VSC-2: Lab Course-VSCA (Based on VSCI A)

**Learning Objectives of the Course:**

1) Understanding of accounting and financial terminology

ii) Learn the financial transactions.

iii) Assess the financial performance of the company

**Course Outcomes (COs):**

i) Apply the basic accounting and financial terminology.

ii) Perform the financial transactions

iii) Use the financial statements to assess a company's performance.

### VSC-2: Lab Course-VSCB (Based on VSCIB)

**Learning Objectives of the Course**

i) Lean the basic concepts of statistics

ii) Learn and analyze the scattered diagram or dot diagrams

**Course Outcomes (COs)**

i) Determine the mean, mode, median and deviation for the given data.

ii) Apply the concepts of probability.

### GE/OE-2 Matrices

**Learning Objectives of the Course:**

i) Leam the fundamentals of matrices

ii) Determine the determinant of square matrix and minors of matrix

iii) Perform the operation on matrices and study us properties

iv) Identify the rank of matrix and solve the system of equations

**Course Outcomes (COs):**

i) Apply the operations of matrices

ii) Apply the properties of matrices

iii) Find the determinant of square matrix and minors

iv) Solve system of equation

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# Department of Mathematics
## Academic Year -**2024-2025**
Class:-B.Sc S.Y Semester- III
Choice Biased Credit and Grading System

## <u>MAT-301 Course Name: Differential Equations</u>
**Course Objectives:**

Student will learn the basic methods of finding solutions of differential equations.

**Course Outcomes:**

COL: Determine solution of fiest order linear differential equation

CO2: Determine solution of exact differential exquahon

CO3: Determine solution of lincar equation with constant coefficient using general and

     Short method

CO4: Determine solution of linear homogeneous differential equation

## <u>MAT-302 Course Name: Laplace and Fourier Transforms</u>

**Objectives:**
Student will learn the fundamental properties of Laplace and Fourier transforms
**Course Outcomes:**

CO1: Determine Laplace tranfirm for sarious functions and understand
     The properties of Laplace transforms

CO2: Determine inverse Laplace transform, properties of inverse Laplace
    Transform and solve the problems uring convolution theorems

CO3: Determine Fourier transform and understand the propotice of Fourier
    Transracial. Fourier sine and cosine transforms.
CO4: Apply Laplace transform in find stations of differential equations.
## <u>MAT-303 Course Name: Mechanics –I</u>
**Course Objectives:**
Students will be able to describe forces, resultam of forces, and vector moment of forces, moment of couple, laws and rules
**Course Outcomes:**
CO1: Desenbe different types of forces, triangle law of forces, Paraliciogram of forces, resultant of forces, sine rule and cosme rule

CO2: Explain resultant of several co-planar forces equation of the line of action of the resultant, equilibrium of a rigid body inder three co-planar fores

C03: Explain Lami's theorem and polygon of forces
CO4: Concepts of centre of gravdy and its applications

# Department of Mathematics
## AcademicYear-**2024-2025**
Class:-B.Sc S.Y Semester- IV
Choice Biased Credit and Grading System

**MAT-401 Course Name: Partial Differential Equations**

**Course Objectives:**
Student will learn the methods of finding solutions of parual differential equations
**Course Outcomes:**
CO1: Solve Lagrange's equation
CO2: Find different types of solutions like complete integral, Singular integral and
General integral
CO3: Determine the solution of partial differential equations using Charpit's Method
CO4: Describe Monge's Method, Method of transformation .

**MAT-402 Course Name: Numerical Analysis**

**Course Objectives:**

Student will learn the finite differences, interpolating methods and numerical methods to solve differential equations

**Course Outcomes:**

CO1: Describe Finite Differences and apply Newton's Formula for Interpolation

CO2: Explain and apply Lagrange's and Newton divided difference formula Interpolation

CO3: Apply Gauss interpolation formulae. Stirling's and Bessel's formulae for interpolation

CO4: Apply numerical differentiation and numerical quadrature formulas

**MAT-403 Course Name: Mechanics –II**

**Course Objectives:**

Students will be able to find the velocity, acceleration, speed, angular momentum, field of force and motion under gravity

**Course Outcomes:**

CO1: Find velocity and acceleration in terms of vector derivatives, curvature, Angular speed and angular velocity

CO2: Describe Radial and Transverse components of velocity and acceleraton, areal speed and velocity

CO3: Explain Newton's Law of moion, angular momentum, work, energy, vector point function, Field of force

CO4: Describe motion under gravity, projectile, Motion of projectile. Parabola of safety, motion in resisting medium, areal velocity of central orbin. Pedal's equation.

## MAT-501 Course Name: Real Analysis-I

**Course Objectives:**
1. To introduce the basic concepts and notions of real analysis
2. To learn the basic concepts of Sequence and Series of Real numbers
3. To acquire the skill of finding the jacobians

**Course Outcomes:**
CO1: Define and recognize bounded, convergent divergent, Cauchy and monotonic
Sequences

CO2: Define and recognize convergent, divergent, alternating series and lumit comparison
Tests for conditional convergence and absolute convergence of an infinite senes of real
Numbers.

CO3: Determine the Jacobian of Impisen and explicit functions and condition for Jacobran to
be vanish.

## MAT-502Course Name: Abstract Algebra

**Course Objectives:**
Student will learn group, ring ideal, maximal ideal and their properties.

**Course Outcomes:**
CO1: Describe group and subgroup

CO2 Explain Normal subgroup and Quouent groups.

CO3: Define Ring and some special types of rings

CO4: Describe Ideals and Maximal ideals

## MAT-503 Course Name: Lab course-III

**Course Objectives:**

Student will be able to apply the basic concepts and results of real analysis and abstract
aigebra

**Course Outcomes:**
CO1: Define and recognize bounded, converge, divergem, Cauchy, and monotonic
Sequences

CO2: Define and recognize convergence and divergence of series

CO4: Describe group and subgroup.

CO3: Determine the Jacobian of Implicit and explicit function

CO5 Explain Normai subgroup and Quotiem groups.

CO6: Define Ring and some special types of rings

C07: Describe ideals and Maximal locais.

**MAT504 Course Name. Mathematical Statistics-I Skill/Elective course**

**Course Objectives:**

Student will be able to learn and apply various statistical techniques

**Course Outcomes:**

CO 1 Understand the concept of frequency distribution

CO 2 Find the arithmetic mean, harmonic mean, mode, median, quartile

CO 3: Find measure of dispersion, moments. Skewness and Kurtosis etc.

CO 4 Fit the data using curve fitong and least square method

# Department of Mathematics
## Academic Year-**2024-2025**
Class:-B.Sc T.Y Semester- VI
Choice Biased Credit and Grading System

**MAT-601 Course Name: Real Analysis-II**
 Course Objectives:

1. To introduce basic concepix obnetric spaces

2. To learn the properties of metric spaces

3. To Icam fundamental concepts of Riemann Integration and Fourier

**Course Outcomes:**

COI: Describe several basic concepts of metric spaces and their properties

CO2: Understand properties of Riemann integrable applications of the fundamental theorems
        of calculus Functions and
CO3. Find the Fourier series of some standard functions and its applications

**MAT602 Course Name: Ordinary Differential Equations**

**Course Objectives:**

Student will be able to classify and solve ordinary differential equations

**Course Outcomes:**

CO1 Classify and identify the types of functions

CO2 Solve the first and second order differential equations

CO3 Solve initial value problems and study properties of solutions of IVP

CO4 Find the Wronskian of the solutions.

**MAT-603P Course Name: Lab course –IV**

**Course Objectives:**

Student will be able to apply the basic concepts and results of real analysis and ordinary
differential equations

**Course Outcomes:**

CO1Describe several basic concepts of metric spaces and their properties CO2-Understand properties of Riemane integrabic applications of the fundamental theorems of calculus functions, and

CO3 Find the Fourier series of some standard functions and its applications

CO4 Classify and identify the types of functions

CO5 Solve the first and second order differential equations

CO6 Solve initial value probiems and study properties of solutions of IVP

CO7 Find the Wronskian of the solutions

## MAT604 course Name: Mathematical statistics –II Skill Elective course

**Course Objectives:**

Student will icam the concept of probability, random variables, variance and moment generaing functions
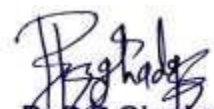
**Course Outcomes:**

COL Understand the basics of probability and operations of probability

CO2 Understand and identify the random variables, probability density function

CO3Determine the mathematical expectation, variance and moment generation function

CO4 Study and apply various distributions to analyze the data.

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## PROGRAMME SPECIFIC OUTCOMES (PSO'S)

On completion of the 03/04years Degree in Sociology students will be able to-

• PSO1: Students will get to know 'Sociology' as discipline and will understand the meaning and Scope of the subject in branch of Humanities

PSO2: Understanding of Concepts and sociological theories to explore and understand society and social phenomenon in general

· PSO.3: Create ability to understand and interpret social change along with factors responsible for it and its implications to the society and Individual

• PSO.4: Knowledge of research methodology tools and it use of solving social problems and further its use in Social Policies.

• PSO.5: Learning use of sociology and its application in understating of contemporary social problems in the interest of society.

PSO.6: providing information and knowledge of various fields and subfields of sociology and its interrelation for helping students in the study of society.

• PSO.7: Encourage critical thinking of emerging issues, implications of dynamic society, providing ability to encounter with existing social issues.

**SEM. I**

**DSC 1 Introduction to sociology**

Course Outcomes (COs)

i) Students will understand the period of renaissance and its significance in the development of social thought.

ii) Students will understand the major contributions and theories of pioneer sociologists.

iii) Students will able to define sociology through a scientific lens.

iv) Students will get introduction of Indian sociologists and their contribution

v) Students will acquaint with basic concepts of Sociology

**GE/OE 1 Social Media and Society**

**Course Outcomes (COs):**

i) Students will understand the meaning and nature of social media.

ii) Students will able to identify and describe the functions of social media platforms, recognizing their roles in information dissemination, community building, and entertainment.

iii) Students will able to differentiate between various types of social media platforms and understanding their unique features and purposes.

iv) Students will able to understand the impacts of social media on society and able to evaluate the challenges and concerns associated with social media.

# SEC 1 PERSONALITY DEVELOPMENT

Course Outcomes (COs):

i) Develop skills to embrace change, handle setbacks, and thrive in dynamic work environments.

ii) Build self-confidence, overcome self-doubt and be able to assert oneself in professional settings

iii) Students will be able to analyze their own strengths and weaknesses both verbal and non-verbal communication abilities, active listening and expressing ideas effectively.

iv) Improve communication skills and time management

**DSC 4 APPLIED SOCIOLOGY**

**Course Objectives:**

1. To introduce students to the concept, scope and importance of applied sociology.
2. To examine the role of sociology in understanding the social problems and solving of it.
3. To understand the role of sociology in policy framing.
4. To analyze the role of applied sociology in social development.
5. To explore the importance of sociology in social research.

**GE/OE: SOCIOLOGY OF CINEMA**

**Course Objectives:**

1. To introduce students to the fundamental concepts and theories of the sociology of cinema.
2. To examine the relationship between cinema and society.
3. To understand the impact of cinema on social norms, values, and identities.
4. To analyze the role of films in shaping cultural and social change.
5. To explore contemporary issues in cinema with a focus on Indian films.

**VSC 1 FAMILY COUNSELING**

Course Outcomes (COs):

i) Students will understand the Characteristics of Family.

ii) Students will analyze the Changing Nature of Family.

iii) Students will able to Identify and Address Issues and Problems in Family. iv) Students will able to explore the Significance and Role of Family Counseling.

**F.Y.B.A. CBCS Pattern 2022-23 (NEW)**

**Sem I.I. Introduction to Sociology (CC-1A)**

**Course Objectives:**

1. To understand the social context of emergence of Sociology.
2. To Familiarize students with new avenues in Sociology.
3. To Introduction basic concept in sociology.

**Course outcomes:**

1. The students learn to apply the sociology perspectives in understanding how society shapes our individual lives.

2. It also provides a foundation for the other more detailed and specialized course in Sociology.
3. The students learn how to read and interpret complex ideas and text and to present them in a cogent manner.

**II. Indian Social Institutions (CC-1B)**
**Course Objectives:**
1. To be able to identify the functions of a given social institutions.
2. To identify intuitional structures within societies.
3. Get to know the rules governing these institutions.

**Course Outcomes:**
1. This paper is expected to instill knowledge about the fundamental institution.
2. Their governing principles and the continuity and change features of these institution.
3. The students learn how to read and interpret co plex ideas and texts and to present them in a cogent manner.

**Sem II III Basic Concept in Sociology (CC-1C)**
**Objectives of course:**
1. To introductions the basic concept in Sociology.
2. To Familiarize students with the theoretical aspect of different concepts.
**3.** To give an outline of Sociological Background**.**

**Course Outcomes:**
1. The course is intended to introduce the students to a sociological way of thinking.
2. It also provides a foundation for the other detailed and specialized course in sociology.
3. The course provides competitive atmosphere for the students.

**IV Transformation in Social Institution (CC-2C)**
**Course Objectives:**
1. To acquaint students with basic institutions of society its newer dimensions.
2. To develop critical understanding of the functioning of social institutions.
3. To acquaint students with the concept and current versions of social change.

**Course Outcomes:**
1. Students have understood the transformation in social institutions.
2. An acquaintance with change in instructions.
3. Institutions change guide them in their future planning.

**S. Y. B. A. Sem. III**
**V Indian Society (CC-1E)**
**Course Objectives:**
1. To draw attention to the variety of ideas and debates about Indian.
2. To introduced mobilization and change in Indian society.
3. To provide comprehensive understanding of Indian society.

**Course outcomes:**
1. They are made familiar with the Indian society.
2. Its linkages and continuity with past and present.
3. This paper provides comprehensive understating of Indian society.

**VI Cinematic Sociology (SEC-1A)**
**Course objectives:**
1. To introduce the students to certain major themes of outlining the interconnections between cinema and society.
2. To familiarize students with important theories in cinematic sociology.

**Course outcomes:**
1. Students are introduced the key ideas within a theory. They understand the importance of cinemas impact on society.

2. Students will investigate questions through a filmic analysis of sociological issues will consider both narrative and documentary films and use them to engage in a sociological exploration of identity, interaction, inequality and institutions.
3. Students explore the familiar path of cinema to connect to large theoretical grounds.

**Sem. IV -VII Indian society: Issues and Concerns (CC-1F)**

**Objectives of course:**
1. Identify and analyze some emerging social issues and problems.
2. To acquire sociological understanding focusing on their structural linkages and interrelationship.

**Course outcomes:**
The course content will empower the students to deal with the current challenges and to serve as change agents in government an nongovernmental organization.

**VIII**
**Sociology of Mass Media (SEC-1B)**
**Course objectives:**
1. To introduce the students to certain major themes of outlining the interconnections between media and society.
2. To understand influence of media on socio-cultural change and de elopement in present society.
3. To familiarize students with important theories in the sociology of media.

**Course outcomes:**
1. An appreciation of mediatized character of social existence and its history.
2. An acquaintance with concepts and various theoretical stands in sociology of media.
3. An understanding of social, political and cultural process that underpin the operations of our mediatized ecosystem and their effects.

**Sem. I  I. Introduction to Sociology (Old)**
**OUTCOMES:**

Sociology is one of the modern social sciences, which has a significant

Role in society. This Core course is designed to know about the origin and development

Of the sociology as a discipline in general and development in India in particular. Every

Science or Branch has its own subject matter so as Sociology, which correspond society

As its subject. This course is designed to study approach, Principles, concepts, methods, and

history of sociology.

**II. Individual and society**
**Outcomes:**

 Sociology has been instrumental in changing our attitude towards society

Analysis. In a specialized society we are all limited as to the amount of the whole

Organization and culture that we can experience directly. We can hardly know the

People of other areas intimately. This course is designed to study different sections of

Society and the institutions and other structural elements.

**Sem. II**
**III. Introduction to Subfields of Sociology**
**Outcomes:**

Sociology as a subject has its own discourse however it undertakes many

Issues concern with the other social science. Gradually several branches of sociology

Emerged with distinct subject matters. Student of sociology must have the knowledge

Of those branches to understand the scope of sociology & its wideness. With this

Objective this course is designed. This will also help to carry interest in the sociology

As general and its subfields in particular.

## IV. Indian Social Composition
**Outcomes:**

Indian Sociology has been focused on the wide description of Indian social Composition. As student of sociology, one has known the basic segments of Indian social structure and its various dimensions. This course mainly covers the broad segments of Indian society which are India's geographical ethnic and religious distinctiveness. This course also provides Information regarding democratic beauty of India.

## S.Y.B.A.
## Sem. III    V. Problems of Rural India
**Outcomes:**

It is very important to focus on studies about rural development in Country like India. Where a large section of Population still living in rural Ares. Rural life is affected by the change taking place at world around. A student of sociology must be aware about the changing scenario of Rural India and the contemporary Problems of rural development.

## VI. Contemporary Urban Issues
**Outcomes:**
Urbanization is irreversible process in all over world so as in India. The number of cities and the demographic population is increasing day by day. As the result of it several issues of Planning and distribution of means are raised. So, this course is design to create understanding any analytical capacity among students about urbanization. Urban communities, urban planning and urban problem.

## Sem. IV     VII. Population in India
**Outcomes:**
This course designed to understand causes and consequences of Population change. Population is decisive factor which reflects in overall society. Change in fertility. Mortality. Migration. Technology affected he society. India which is second large population in the world has its own features and characteristics. This course is designed to understand the dynamics of Population.

## VIII. Sociology of Development
**Outcomes:**

Development is broad and critical process which makes impact on society. The development of human society has come across many stages. The outreach of any development has created many issues too. Sociology has taken Development as a diverse discourse to study. This course provides a broad introduction to many development issues.

## T.Y.B.A.
## Sem. V   IX. Sociological Traditions

**Outcomes:**

To provide information in the student with the understand of historical Scio-economic and intellectual forces of the rise of sociological theories. also provide the student with the basic understand of emergence of sociological thought and to know about pioneer sociologists started theories with their contribution to sociology.

## X. Introduction to Research Methodology
**Outcomes:**

This course is designed to introduce Research Methodology to undergraduate students for better understand of application of social science in general and sociology in particular. Also provide and equip the students with the procedures, tools and techniques of social research

## XI. Social Problems in India
**Outcomes:**

As a nation of diversity and plural society India witnessed many issues in past and present this course is designed to identify and analyse some emerging social problem from sociological perspectives. To sensitize the student about social problems of contemporary India and to discuss the measures on it.

## OR Urban Sociology
**Outcomes:**

The urban Sociology is the important branch of Sociology which indulge in urban features study and urban theories this course is designed to provided information to student about urban sociology and to furnish the basic elements of the subject and to draw attention of the students towards increasing urbanization.

## XII. Practical
## Sem. VI   XIII. Sociological Theories
**Outcomes:**

This course is designed to understand basic theoretical approach and develop their sociology thinking while knowing theoretical contribution of prominent sociologists of their time

## XIV. Social Research Methods
**Outcomes:**

This course can serve as a helping hand to students to understand primary technique and the use of social research. The course is designed in view of increasing use of computer and statistical tools in social research.

## XV. Social Disorganization in Contemporary India
**Outcomes:**

With rapid industrialization and modernization Indian society is witnessing drastic change. With this transformation Indian society also witnessing few negative changes in social Institution. The course is designed to elaborate on such change and to know causes and impact of social disorganization.

## OR Urban Society in India
**Outcomes:**

This course is designed to analyze critically social problems of urban India and to discuss regarding impact of modernization and industrialization on Indian urban sphere.

**XVI. Practical**
**Outcomes:**
Society has its own problems in every field. It is through the study of **sociology** that the scientific study of society has been possible. The **practical** aspect of **sociology** is too of great **importance** in the study of social problems and in social work and social adjustment.

# Kalikadevi Arts,Commerce and Science College, Shirur (Ka.), Tq. Shirur (Ka.), Dist. Beed

## Department of Commerce and Management

## Bachelor of Commerce (B.Com)

## Academic Year 2024-25

**Programme Outcomes (POs):**

The National Education Policy (NEP) 2020 for India emphasizes several key aspects for Bachelor of Commerce (B.Com.) programs, aiming to produce graduates who are not only well-versed in their respective disciplines but also equipped with skills necessary for holistic development and employability. While specific program outcomes may vary between institutions and disciplines within B.Com, programs, here are some common outcomes aligned with NEP 2020:

**PO1.** Contribution to the Economy and Society: Make significant contributions to the economy and society through their roles as business leaders, entrepreneurs, professionals, and responsible citizens, fostering economic growth, innovation, and social welfare.

**PO2.** Ethics, Environment and Sustainability: Ability to develop sustainable practical solutions for complex business-related problems within positive professional and ethical boundaries. Develop understanding for social and sustainable business issues and demonstrate the knowledge of and need for sustainable development.

**PO3.** Entrepreneurial Mindset and Innovation: Cultivate an entrepreneurial mindset, fostering creativity, innovation, and a willingness to take calculated risks to identify and pursue opportunities for value creation and business innovation.

**PO4.** Individual and team work: Work effectively in diverse teams, demonstrating leadership, interpersonal skills, and the ability to collaborate with others to achieve common goals and solve complex problems.

**POS5.** Communication: Communicate effectively on complex business-related activities and issues with business counterparts in particular and with the society at large, such as, being able to comprehend and write effective reports and design documentation. To make effective presentations, and give and receive clear instructions.

**PO6.** Digital Literacy and Technological Proficiency: Demonstrate proficiency in using digital tools, technologies, and information systems relevant to the field of commerce, enabling them to analyze data, automate processes, and adapt to technological advancements.

**PO7.** Continuous Learning and Adaptability: Embrace lifelong learning, proactively seeking opportunities for professional development, acquiring new skills, and adapting to changing business trends, technologies, and regulatory environments.

These program outcomes align with the broader goals of NEP 2020 to transform higher education in India and prepare students for the challenges and opportunities of the 21" century. Board of Studies designing B.Com curricula are encouraged to incorporate the outcomes into their program objectives and learning outcomes.

## Programme Specific Outcomes (PSOS):

(Programme specific outcomes are discipline/major specific. Different major will have different PSOs. Following is the example of PSOs for Accounting & Finance Major. Respective BoS is expected to draft PSOs related to their Major)

**PSO1**. Financial Reporting and Analysis: Graduates will demonstrate proficiency in preparing, analyzing, and interpreting financial statements in accordance with accounting standards and regulations, enabling them to provide accurate and reliable financial information for decision-making.

**PSO2** Managerial Accounting and Cost Management: Gradautes will apply managerial accounting techniques to analyze costs, budgets, and performance metrics, enabling them to support strategic decision-making and optimize resource allocation within organizations.

**PSO3** Taxation and Compliance: Graduates will possess a comprehensive understanding of tax laws and regulations, enabling them to prepare tax returns, advise on tax planning strategies, and ensure compliance with tax obligations for individuals and businesses.

**PSO4** Auditing and Assurance Services: Graduates will understand the principles and practices of auditing, internal controls, and assurance services, enabling them to conduct audits, assess risks, and provide assurance on the reliability and integrity of financial

information.

**PSO5** Financial Management and Investment Analysis: Graduates will analyze financial markets, evaluate investment opportunities, and make informed decisions regarding capital structure, capital budgeting, financing, dividends and risk management to maximize shareholder value and wealth creation.

**PSO6** Financial Markets and Institutions: Graduates will demonstrate knowledge of financial markets, instruments, and institutions, including banking, securities, and derivatives markets, enabling them to analyze market trends, evaluate investment options, and manage financial assets.

**PS07** Ethics and Professional Standards: Graduates will adhere to ethical principles and professional standards in their practice of accounting and finance, demonstrating integrity, objectivity, and professional skepticism in their decision-making and conduct.

These Program Specific Outcomes provide a focused framework for students pursuing a major in Accounting and Finance within the B.Com program, equipping them with the specialized knowledge, skills, and competencies required to excel in professional roles within the accounting, finance, and related fields.

## Course Outcomes  B.Com. (I$^{st}$ ,II$^{nd}$, III$^{rd}$ Year)

## Courses – Financial Accounting-

Course Outcomes (CO):

After completion of the course, students will be able to

1. To prepare and analyse the financial statements.

2. Acquire the basic concept of accounting terms.

3. Record the different financial activities & Practices

## Courses – Principles of Management-I

Course Outcomes (COs):

After completion of the course, students will be able to-

i) Demonstrate understanding of the role of managers in modern business organizations

ii) Absorb various management concepts, principles and theories

iii) Examine the managerial functions having an impact on the business effectiveness

## Courses –Basics of Accounting

Course Outcomes (COs):

1) Students understand concept of Basic Accounting and apply the knowledge in own business.

2) Students get the job opportunities in the company due to the knowledge of Basics of Accounting.

3) Students demonstrate ability to work at all sectors and stand in the professional life.

## Courses –Basics of Entrepreneurship

Course Outcomes (COs):

After completion of the course, students will be able to-

1) To select a business idea

ii) To prepare a project report

iii) To register a unit (UdyogAadhar Number)

## Courses –Personal Finance and Planning.

Course Outcomes (COs):

After completion of the course, students will be able to-

1. Understand the need and relevance of planning of personal finances

2. Orient students with basic concepts of saving, investment.

3. Effectively use modern office automation tools,

## Courses –Financial Accounting-II

Course Outcomes (COs):

After completion of the course, students will be able to-

1. Understand the process of recording and classifying the business transactions and events

2. Understand the financial statements, viz., Profit and Loss Account, Balance Sheet, and cash flow statement of a sole proprietor.

3. Abridge the ability to prepare and analyse the branch account.

4. Acquire concept of departmental accounting

## Courses – Principles of Management-II

Course Outcomes (COs):

After completion of the course, students will be able to-

i) Demonstrate understanding of the role of effective direction in modern business organizations

ii) Design motivation strategies for business effectiveness

iii) Learners will diagnose various styles and qualities of efficient leadership, Coordination and Controlling

iv) Identify the contemporary issues and challenges in business management

## Courses – Basic Marketing

Course Outcomes (COs):

1) Students understand fundamental concept of marketing and develop the plan for own business

2) Students gets the job opportunities due to the knowledge of marketing management.

3) Students demonstrate ability to work well with others communication skill

## Courses –Business Economics

The objective of this course is to acquaint the students with the business economic principles as are applicable in business.

## Courses –Corporate Accounting

To understand knowledge of new trends in Corporate Accounting i.e. issue of share and debentures & redemption. Corporate Law- To acquire knowledge and develop understanding of necessary framework of companies with reference to various provisions or Company Act 2013& 2016.

## Courses –Cost Accounting

To understand knowledge of Cost Accounting, Process Accounting, Material Cost, Labor Cost and overhead.

## Courses –Management Accounting

The objective of the course is to equip the students with the ability to analysis interpret and use of accounting information in managerial decision making. The student is expected to have a good working knowledge of the subject. The course provides the students an understanding of the applications of accounting techniques for management.

**Adarsh Shikshan Sanstha Beed,**
# Kalikadevi Arts,Commerce and Science College, Shirur (Ka.), Tq. Shirur (Ka.), Dist. Beed
## Department of Commerce and Management

## Master of Commerce (M.Com)

### Academic Year 2024-25

## Program Qutcomes

- To provide a systematic and rigorous learning and exposure to Banking and Finance related disciplines.
- To train the student to develop conceptual, applied and research skills as well as competencies required for effective problem solving and right decision making in routine and special activities relevant to financial management and Banking Transactions of a business.
- To acquaint a student with conventional as well as contemporary areas in the discipline of Commerce.
- To enable a student well versed in national as well as international trends.
- To facilitate the students for conducting business, accounting and auditing practices, role of regulatory bodies in corporate and financial sectors nature of various financial instruments.
- To provide in-depth understanding of all core areas specifically Advanced Accounting, International Accounting, Management, Security Market Operations and Business Environment, Research Methodology and Tax planning.

## Program Specific Outcome

- After Completing Masters in Commerce students are able to
- Develop an ability to apply knowledge acquired in problem solving.
- Ability to work in teams with enhanced interpersonal skills and communication.
- The students can work in different domains like Accounting, Taxation, HRM, Banking and Administration.
- Ability to start their own business.
- Ability to work in MNCs as well as pvt, and public companies.
- To develop team work, leadership and managerial and administrative skills.
- Students can go further for professional courses like CA/ CS/CMA/CFA

# Course Outcomes M.COM.

**Strategic Management** –

- To provide understanding of the Tasks, Functions and Skills of strategic management and latest developments.
- To aware the students about principles and functions of strategic management.

**Financial Management** –

- To develop knowledge about Business Finance and the background of Accounting and Management
- To make students aware about the challenges and opportunities of Financial Management.

**Industrial Economics** –

- To learn the basic concepts of Industrial Economics.
- To study the problems and significance of Industrialization.
- To learn the impact of Industrialization on Indian Economy.

**Research Methodology -**

- To explain the students with the areas of Business Research Activities.
- To enhance capabilities of students to conduct the research in the field of social sciences and business.
- To facilitate students, in developing the most appropriate methodology for their research studies.
- To aware the students with the art of using different research methods and techniques.

**Business Environment-**

- Understand the role and relevance of business environment.
- Identify factors leading to economic environment of business.
- Determine the impact of political and legal environment on business decisions.
- Identify the socio-cultural and international environmental factors v)Analyse the technogical environment for business in India

**International Monetary Economics-**

- Evaluate a range of modern theories and models of international monetary economies.

- Analyse real-world economic/financial issues/events, and draw relevant policy conclusions, using the theories and models learnt.
- Critically review previous studies in the relevant literature, identify important research topics, and conduct theoretical analyses and/or empirical investigations.

**Public Enterprises in India-**

- Its leads to innovation and research for all disciplinary subject,
- Its leads to increase the job opportunities to all students,
- It will be utilize the available resources of country, by public investment,
- It is very important to go with global trade and commerce,
- It will be help to fill up the gap in regional development of the country, by providi industrial development opportunities.

**Marketing research-**

- Its leads to innovation and research for the businessman and entrepreneurs,
- Its leads to increase the job opportunities in the field of marketing and service sector,
- It will be utilize the available resources of country, with the help of proper marketing,
- It is very important to go with global trade and commerce through the marketing and service sector due to the proper market study and research,
- It will be help to fill up the gap in regional development of the country, by providing Industrial development opportunities due to the proper market knowledge.

**Travel and Tourism**-

- Familiars with all the basic/background knowledge of travels and tourism.
- Familiars with Indian and Maharashtrian Tourisms.
- Able to handle travels and tours in India.
- Familiar with Travel Agency and Tour Operation Business.
- Able to start their own tours and travel agencies.