

Renuka Shikshan Prasarak Mandal's





Accredited with Grade "B" by NAAC Bangalore Permanent Affiliated with R.T.M. Nagpur University Near Bank of India, Besa, Nagpur

# **Internal Quality Assurance Cell**

# Program Outcomes (POs),

# **Program Specific Outcomes (PSOs)**

## and

## **Course Outcomes (COs)**

# PROGRAM OUTCOME Faculty of Arts

## Program Outcome of Bachelor of Arts (B.A.)

Students seeking admission for B.A. are expected to imbue with following quality which help them in their future life to achieve the expected goals.

- a. Realization of human values.
- b. Sense of social service.
- c. Responsible and dutiful citizen.
- d. Critical temper
- e. Creative ability.

B.A. ENGLISH

#### **Programmes Specific Outcomes (PSO's)**

A student who has taken admission into this programme of B.A with English as Compulsory subject is expected to target the following outcomes.

- a. To hone with the knowledge of basic English Language and Grammar.
- b. To strengthen the linguistic capabilities of the student through theory and practical sessions.
- c. To ingrain the mind towards creative writing, appreciation, critical thinking and critical analysis.
- d. To develop global competencies for successful life.
- e. To cultivate a value added life to face challenges and achieve excellence.
- f. To kindle creative mind with innovative thoughts.
- g. To enable them to enjoy life through literature.

#### Course Outcomes (CO's) B.A. I, II & III (English Course) (First Semester) Compulsory English

#### **Objectives-**

- 1. To generate interest of the students in English Language through Interesting lessons.
- 2. To motivate the students through the Life Sketches of successful entrepreneurs.
- 3. To develop interest in poetry through poems which are easy to comprehend.
- 4. To make the students understands the poems of different genres.
  - 5. To make students understand structure of sentences through prescribed grammar.

#### Outcome

- 1. The moral imparted in Prose will have a positive impact on the mindset of the students.
- 2. The life of great personalities will motivate them to toil to be successful.
- 3. The syllabus will contribute in vocabulary enhancement.
- 4. The learners will get an opportunity to study Indian and English poets and develop a critical

outlook through comparison.

5. The drafting skills of the learners will be honed through the prescribed items of grammar.

## (Second Semester) Compulsory English

## **Objectives-**

- 1. To keep the interest of the learners alive though lessons containing humour and but convey moral at the same time
- 2. To attract the students to attend classes, interesting and inspiring life sketches of people who brought revolutionary changes have been included.
- 3. To inculcate the quality of Patriotism and to convey evils of materialism selected poems have been incorporated on such themes
- 4. The grammar and composition portion intends to develop confidence regarding grasping and understanding of English language and encourage proper use of tenses.

## **Outcomes-**

- 1. The learners will get an opportunity to study lessons based on themes containing humour, emotional bonding, ethics and values as these qualities are well expected in an Indian citizen
- 2. The life sketches of successful people will motivate them to excel despite adverse conditions
- 3. The poems will encourage the learners to shun violence and materialism
- 4. Through Grammar and Composition the learners will gain confidence in Spoken English

#### (Third Semester) Compulsory English

## Objectives

- 1. To make the learners understand the value of natural resources and the importance of their preservation
- 2. To make the learners understand the role of the element of humour in conveying a lesson
- 3. To encourage the learners to nurture aspirations to be successful in their lives after reading about lives of people who made an everlasting impact.
- 4. To encourage humanity and goodwill through poetry section
- 5. To train the learners how to exercise brevity or explain in detail through Grammar and Composition

## **Outcomes-**

- 1. The learners will learn lessons of morality and humanity
- 2. The aim is to make the students realize the importance of having unpolluted water and conserve natural resources by worshiping nature for the sake existence of mankind.
- 3. The prescribed life sketches of successful people will act as an inspirational story and these successful people may become their role models
- 4. The learners will imbibe lessons of humanity and justice through the poetry section
- 5. The power of expression of the learners will get enhanced through the Grammar and Composition Section

## (Fourth Semester) Compulsory English

## **Objectives-**

- 1. To make the students understand importance of religious values and be satisfied with what they possess, through the prose prescribed
- 2. To develop an urge to succeed just as the great personalities whose life stories have been prescribed.
- 3. To make the learners imbibe the spirit to struggle and nurture indomitable spirit through the poet section.
- 4. To boost confidence about narration skills and email drafting techniques

#### **Outcomes-**

- 1. The students will learn how immaterial the materialistic world is.
- 2. The landmark achievements of the revolutionary figures will be a lesson to the learners to emulate
- 3. The contents of poetry section will serve as a lesson which will help the learners when they are low in spirit.
- 4. The learners will acquire drafting skills which will help them in their career

## (Fifth Semester) Compulsory English

## **Objectives-**

- 1. To encourage the spirit of universal brotherhood and belief in humanity through the messages conveyed in Prose section
- 2. To encourage the student to have a vision just as the prescribed personalities had
- 3. To make the students the playful mode in the poetry section but having a strong undercurrent of: meaningful message.
- 4. To make the learners realise how tenses play an important role while communicating in English.

## Outcomes-

- 1. The learners will imbibe and implement the tenets of tolerance and simplicity in their daily lives
- 2. In an era when we are facing the problem of unemployment the student will feel encouraged tow; self- employment after reading about the three great personalities.
- 3. The strong message that touches the life of common people conveyed through the poetry section have a positive impact on the minds of the learners.
- 4. The Grammar and Composition section will boost their self-confidence resulting into effective communication skills

## (Sixth Semester) Compulsory English

## **Objectives-**

- 1. To make the Learners realise that an egoistic attitude brings doom through the prose prescribed
- 2. To make the Learners realise the dignity of Labour as conveyed by A.PJ. Abdul Kalam
- 3. To encourage the Learners struggle to be successful just as the great personalities on whom less have been prescribed.
- 4. To make the students understand the futilities of war and believe in self to attain glory' as convey through poetry section.
- 5. To attain vocabulary enrichment and develop writing skills

#### **Outcomes-**

- 1. The learners will understand that friendship and human relationship beats an egoistic attitude battered on monetary interests as conveyed in Prose section
- 2. The students will enjoy a great impact on their lives after reading the thoughts on the struggling spirit by A.PJ. Abdul Kalam
- 3. The tremendous success achieved by the great personalities will make the learners realize that '11 there is a Will, there is a Way'
- 4. The message of spreading peace and tranquility will receive a boost through the poetry section.

## **B.A. ENGLISH LITERATURE**

## Course Outcomes (CO's) B.A. I, II & III (English Course)

## **Objectives and Outcomes :**

We aim to open new windows for students and teachers to broaden their minds through poetry drama and classics. They will learn more about past in comparison with the present analysing point of view of very important literary figures from the World Literature. This will further enhance their critical acumen and help develop new ideas.

#### Semester I & II Selections of Literature from Elizabethan to Restoration Ages Semester III & IV Selections of Literature from Romantic to Victorian Ages Semester V & VI Selections from Modern English Literature and Indian Writing in English

### **Course Objectives:**

- To enhance the reading of poetry, drama and classics in all its contours.
- To create awareness of poetry/drama and classics as a part of modern life.
- To help students learn and practice critical thinking-develop problem solving and decision making.
- To put forward innovative and creative ideas with trained activities.
- To help realise cultural differences and accept them as they are.
- To understand the importance of Intercultural learning.
- To educate students in both the originality and efficacy of the English language through the study of literature and other contemporary forms of culture.
- To provide students with the critical faculties necessary in an academic environment on the job, and in an increasingly complex, interdependent world.
- To assist students in the development of intellectual flexibility, creativity, cultural literacy so that they may engage in life-long learning.

## Learning Outcomes:

- Students should be familiar with representative literary texts within a given history, geographical, and cultural context.
- Students should be able to apply critical and theoretical approaches to the reading analysis of literary and cultural texts in multiple genres.
- Students should be able to identify, analyse, interpret and describe the critical ideas, views and themes.
- Students should be able to put forth ideas, values, and themes which inform and is culture and society, both now and in the past. Students should be able to write analytically using language competencies.
- Students should be able to understand the different variety of literatures in all available.
- Students should be able to imbibe ethical, moral, national and cultural values in an academic on text.

## **B.A. SOCIOLOGY**

Sociology is the science that deals with the study of the manifestations, systems and social relations, a careful analytical and descriptive study through the pursuit of different research methods, in order to reach the rules and laws governing the conduct of these phenomena and social relations.

This science also means understanding the nature of various social realities so that this society can draw up strategic plans, set goals and programs that will work to increase progress and raise society. In this article, we will inform you of the most important goals that this science means.

## **Objectives of Sociology**

- Studying the general principles and pillars of social life.
- Studying the patterns of human and social behavior and their effects on the individual and society.
- The study and analysis of parts of social construction is a detailed study. This is because all other political, economic and educational institutions are affected by the prevailing social order.
- Knowledge of the laws of social transformation, which are aimed at studying the bases and rules that society must follow to make a qualitative leap in the case of society.
- Diagnosis and treatment of the various social problems experienced by society and the development of various plans to address them.
- To highlight the correct social concepts and to correct misconceptions related to social life.
- Laying the foundations of an ideal society.
- Introducing various social institutions that serve the community.
- Explain the concept of social unity and encourage society to achieve this concept.
- Studying social relationships that combine individuals. Developing different social theories.

## Student learning outcomes in sociology :

By the time of graduation, sociology majors should be able to:

- Explain the sociological perspective, broadly defined; use sociological theory to explain social problems and issues; make theoretically-informed recommendations to address current social problems; and demonstrate the utility of the sociological perspective for their lives.
- Demonstrate the ability to interpret, locate, evaluate, generate, and use sociologically relevant data to test hypotheses and draw evidence-based conclusions.
- Integrate sociological theory, research, and data in order to assess various explanations of social phenomena and to assess social policy.

## Upon completion of a B.A. in Sociology, students will:

- Think critically about the causes and consequences of social inequality.
- Design and evaluate empirical sociological research.
- Explain and apply the major theoretical perspectives in sociology.
- Communicate orally and in writing about sociological concepts.
- Use their sociological education outside of the undergraduate classroom, particularly in their careers or further education.

#### Semester I Sociology: An Introduction

#### **Objectives of the Paper:**

- 1. This paper intends to induct the students to sociology as the beginner of the subject.
- 2. The paper thus aims to expose the students to the basic concepts in sociology.

#### Mission, Goals, and learning Outcomes:

The Sociology Department seeks to develop in students the sociological knowledge and skills that will enable them to think critically and imaginatively about society and social issues. Through coursework, internships, independent studies and collaborative research with faculty, the

Department encourages a commitment to social justice based on an appreciation of social and intellectual diversity and an awareness of social inequality.

The major in sociology is intended to serve as preparation for careers in teaching, delivery and administration of social and health services, urban and environmental studies, law, government service at local, state and federal levels and related occupations. The major also provides training for advanced graduate work in sociology, social work and other social sciences. Sociology is also recommended as a second major or minor for students of all other social sciences; for business; for the humanities; especially literature and theatre arts; for ethnic and area studies; for journalism and other various applied arts and sciences

Core courses provide students with a solid grounding in the fundamentals of the sociology discipline. Upper division concentrations in Deviance and Social Control; Interaction and Group Relations; Medical Sociology; and Social Change and Global Issues allow students to further focus and develop their understanding of specific fields within sociology.

## Semester II Sociology

#### **Themes and Perspectives**

#### **Objectives of the Paper:**

1. This paper intends to orient the students to certain basic perspectives in sociology.

2. The paper also intends to make students know in details about culture, stratification and mobility and the deviant patterns and social control in society.

#### **Outcomes:**

Our work in Student Affairs is guided by five learning themes which support the mission, values and educational outcomes of Goodwin College. Within each theme are broad outcomes that define and focus the themes. The themes and outcomes are used to guide the development and assessment of departmental and/or programmatic learning objectives.

## Semester III

## Foundations of Sociological Thought

## **Objectives of the Paper:**

1. The paper aims at orienting the students to the basic sociological thoughts of the great masters of sociology.

2. The paper also intends to help the students to shape their thoughts and ideas and also addressing

many current sociological issues and problems.

3. The objectives of the course are to provide students with some basic conceptual resources for tackling substantive and theoretical material in their 2nd and 3rd years

#### Aims:

This course will provide a basic but comprehensive introduction to some of the intellectual traditions within sociology with a focus on the origins of the discipline. The course will provide the student with the necessary conceptual tools to understand the distinctive origin and nature of sociology as an academic discipline and as a wider cultural presence within modernity. In all cases emphasis will be placed upon the specific historical context of particular writers and theories. It will be argued that the emergence of sociology and the social sciences in general represents an intellectual response to the cultural and material problems of capitalist industrial societies in the 19th and early 20th centuries. The course will equip students with the concepts and information necessary to grasp the main themes of the classical sociological tradition. The objectives of the course are to provide students with some basic conceptual resources for tackling substantive and theoretical material in their 2nd and 3rd years.

#### **Outcomes:**

This course will provide a basic but comprehensive introduction to some of the intellectual traditions within sociology with a focus on the origins of the discipline.

The course will provide the student with the necessary conceptual tools to understand the distinctive origin and nature of sociology as an academic discipline and as a wider cultural presence within modernity.

In all cases emphasis will be placed upon the specific historical context of particular writers and theories.

It will be argued that the emergence of sociology and the social sciences in general represents an intellectual response to the cultural and material problems of capitalist industrial societies in the 19th and early 20th centuries.

The course will equip students with the concepts and information necessary to grasp the main themes of the classical sociological tradition.

## Semester IV

#### **Indian Sociological Tradition**

#### **Objectives of the Paper:**

1. The paper intends to make the students understand the seminal ideas and thoughts reflected in the works of Indian Sociologists.

2. The paper also aims to help the students in understanding at the theoretical level the sociological issues concerning Indian society.

3. To acquaint the students to the continuities and contradictions in Indian society.

4. To help students understand the history of ideas related to the analysis of Indian society.

5. To analyse the role of colonialism, democracy, nation building and globalization in shaping contemporary Indian society.

## **Course Outcome:**

To ensure that students have understood the formation of the discipline in India and the challenges that it has faced.

To ensure that students have conceptual clarity and can articulate the main debates and arguments with regard to sociology in India.

To improve sociological understanding of Indian society.

### Semester V

#### Indian Society: The Structural Issues

#### **Objectives of the Paper:**

1. The paper aims at acquainting the students with Indian society in terms making them know the issues and problems confronting the institutions of caste and family.

2. The paper also aims to bring into fore the issues and problems concerning the tribes and rural communities in India.

#### **Course Outcome:**

Learning Outcome: Students will be able to identify the philosophical, economic and political developments that lead to the development of classic social theory. Students will identify the function of theory in the social sciences. Students will be able to understand how Marx, Weber, Durkheim and Simmel conceived the discipline of sociology.

#### Semester VI

#### **Current Social Problems in India**

#### **Objectives of the Paper:**

1. The paper is based on the problems the society in India is facing at present.

2. The paper thus intends to make the students know the nature, causes and consequences of those problems as well as the measures to put a check on them.

#### **Course Outcome:**

Learning Outcome: It is hoped that exposure to the course will lead to a better understanding of the Change and Development Isuues provide understanding about Paths and Agencies of Development, theories of development, Globalization Develop, a critical understanding regarding Development Programmes in India



#### **PROGRAMME OUTCOMES –**

1. Integrate student's learning across all facets of their lives.

2. Analyse critically and imaginatively. Develop skills of critical analyse and interpretation.

- 3. Communicate effectively
- 4. Understand the ethical implications of ideas, communications and actions
- 5. Appear in competitive examinations.

#### **PROGRAMME SPECIFIC**

1. Understand background of our historic past, religion, customs, institutions,

administration and so on.

2. Understand Social, Political, Religious and Economic conditions of the people.

3. Understand the history of world with comparative approach.

4. Analyse relationship between the past and the present times and bringing its contemporary relevance.

5. Emphasis on developing critical thinking in historical writing, discussion and interpretation among students.

6. Prepare students for various competitive examinations.

## B.A. First Year- Semester- I History of India from Earliest Times to 1525

#### Outcomes: -

1. Study the ancient Indian civilization such as Harappa and Vedic and understand social, political and religious changes during the period.

2. Develop the ability to understand the origin and tents of Jainism and Buddhism.

3. Acquire knowledge about ancient Indian dynasties – Maurya, Gupta & Vakataka.

4. Introduction to prominent Sultanate dynasties and their administrative systems in medieval India.

5. Acquire knowledge on religious, culture and art history in medieval India.

## B.A. First Year – Semester- II History of India from 1526 to 1761

#### **Outcomes:-**

- 1. To understand rise and establishment of Mughal dynasty in India.
- 2. Know about the war of succession or Shahjahan and understand the Deccan Policy of Aurangzeb.
- 3. Introduction to history of Marathas; understand significance of coronation and administrative system of Chhatrapati Shivaji.
- 4. Analyse the Maratha War of Independence and study third battle of Panipat in Peshwa period.
- 5. Understanding foundation of East India Company's rule in India.

## B.A. Second Year- Semester -III History of India : 1764 to 1885

#### **Outcomes:-**

- 1. Understand the rise of British Power in India and analyze their agrarian policy and land revenue system.
- 2. Analyze policies of Governor-Generals in India under East India Company's rule.
- 3. Study socio-religious movements of modern India.
- 4. Understand the administrative reforms introduced by Viceroys during establishment of British rule in India.
- 5. Analyze the causes of rise of Indian nationalism and emergence of local organizations.

#### B.A. Second Year- Semester IV History of India : 1885 – 1947

#### **Outcomes:-**

1. Understand the origin and establishment Indian National Congress.

Understand the nature of moderates and extremists ideology.

2. Understand the phases of Indian National Movement and its impact under the leadership of Mahatma Gandhi.

3. Study various missions proposed by British government.

4. Examine role of Subhash Chandra Bose and his formed INA in struggle of Indian Independence.

5. Evaluate Mountbatten plan and Indian Independence Act of 1947.

## B.A. Final Year- Semester- V Modern World – 1789-1920

**Outcomes:** -1. Introduction to landmark events in World history.

2. Understand policy of imperialism and changes in world political order.

3. Emergence of State of Germany and its diplomatic policy.

4. Critically analyse background of First World War and international peace making attempts that followed.

## B.A. Final Year – Semester- VI Modern World : 1920-1960

#### **Outcomes:-**

1. Analyze causes for the rise of dictatorship in Europe.

- 2. Understand international crisis; inter world war period politics and events leading to Second World War and its aftermath.
- 3. Understand world politics after World War and attempts to restore World peace.
- 4. Introduction to political shifts in West Asia.

**B.A. GEOGRAPHY** 

- Students will develop a solid understanding of the concepts of "space," "place" and "region" and their importance in explaining world affairs.
- Students will understand general demographic principles and their patterns at regional and global scales.
- Students will be able to locate on a map major physical features, cultural regions, and individual states and urban centers.
- Students will understand global and regional patterns of cultural, political and economic institutions, and their effects on the preservation, use and exploitation of natural resources and landscapes.

## Vision, Mission, Goals

#### Vision

• Achieving a pioneer role in the field of Geography and Geographic Information Systems.

- Improving teaching Quality
- Being distinctive amongst the other departments on the national, regional, and global levels.

#### Mission:

- Establishing a system of moral values and the commitment of the rules of scientific trusteeship, encouraging creative thinking and freedom of thinking
- Achieving quality and assurance in education, scientific research and community service by improving the student's personality to enable him/her to be self-learner.
- Introducing selected programs that help the students to fulfill his/ her academic and personal ambitions

#### **Goals:**

- The continuous development of academic curricula to cope up with the job market needs in the different geographic fields.
- Improving the students' abilities of knowledge, understanding and application of new scientific curricula, in addition to mastering the basic skills of self-learning
- Adapting a clear strategy for scientific research by focusing on solving the community problems and environment
- Publicizing the culture of quality and encouraging positive competition to improve the performance throughout the mutual academic dialogue.
- Achieving the value of teaching this field of study by using the available sources and the investment of students' abilities in understanding the environment and deepening loyalty
- Holding workshops and seminars for the academic staff to follow up with the latest scientific and technological improvements.
- Satisfying the community needs by the distinctive scientific service for the department and conducting research to solve the community and the environment needs.

#### **B.A** 1<sup>st</sup> Semester Introduction to Geography

#### **Course Objectives:**

This introductory paper is intended to acquaint the students with distinctiveness of Geography as a field of learning. The philosophy of the subject is to be taught in order to develop a keen interest in the subject and to pursue it for higher studies.

#### **Learning Outcomes:**

At the end of this course students are expected to have a holistic understanding of fundamental concepts of geography and thereby be able to analyze the interrelationships among them.

## B.A 2<sup>nd</sup> Semester Physical Geography (Climatology)

#### **Learning Outcomes:**

1. Understand the effect of rotation of revolution the Earth

- 2. Know the internal structure of the earth know the importance of longitudes & latitudes International Date line and Standard time
- 3. Understand interior structure of the earth
- 4. Understand Theory regarding of Origin of Continents and oceans
- 5. Study the formation of Rocks Understand the work of internal and external forces and their associated landforms.
- 6. Understand the importance of Atmosphere
- 7. Understand the composition of atmosphere
- 8. Know Measurement of Atmospheric Pressure and formation of Pressure Belts
- 9. Understand the types of winds

## B.A. 3<sup>rd</sup> Semester Geomorphology

## Learning Objective:

- 1) Understanding of natural processes which act on the earth's surface and the landforms.
- 2) The course also considers some of the practical aspects of reading a Geomorphological map, recognizes the landforms understanding the natural processes.
- 3) The field trip is the assimilation of the theoretical knowledge.
- 4) Introduce students to basic concepts of Geology and Geographic processes

#### **Learning Outcomes:**

- 1) To know the fundamentals of Physical Geography.
- 2) Understand latitudes, longitudes and international dead line.
- 3) Acquire knowledge about origin of various landforms.
- 4) Understand the origin of oceans and currents.
- 5) To Understand formation of rocks their types and uses.
- 6) Understand the work of internal coerces.
- 7) Acquire knowledge of external forces.
- 8) Study the land forms and process.
- 9) Study the denudation processes.

## B.A. 4th Semester Human Geography

## Learning Objective:

- 1) Students will develop a solid understanding of the concepts of "space," "place" and "region" and their importance in explaining world affairs.
- 2) Students will understand general demographic principles and their patterns at regional and global scales.
- 3) Students will be able to locate on a map major physical features, cultural regions, and individual states and urban centers.

4) Students will understand global and regional patterns of cultural, political and economic institutions, and their effects on the preservation, use and exploitation of natural resources and landscapes

#### **Learning Outcomes:**

- 1) Students will acquire an understanding of and appreciation for the relationship between geography and culture.
- 2) Students will have a general understanding of global human population patterns, factors influencing the distribution and mobility of human populations including settlement and economic activities and networks, and human impacts on the physical environment.
- 3) Understand the relationship of man and environment
- 4) Studies of races of man kinds.
- 5) Understand the modes of life of aximo, pigmy, gonad, Bhil and Nagas.
- 6) Importance of Right to Information Acts.

#### **B.A 5th Semester** Geography of Maharashtra

#### Learning Objective:

- 1) To familiar the students with basic knowledge of our state.
- 2) To prepare students for NET, SET and competitive examinations.
- 3) To aware the students with available natural resources and need of conservation and protection
- 4) To acquaint the student with prospects and problems of agriculture, industries, trade and transport of Maharashtra.
- 5) To know the demographic structure of Maharashtra.

#### **Learning Outcomes:**

- 1) Understand the Geographical Personality of Maharashtra
- 2) Study the Major river in Maharashtra
- 3) Study of major Agricultural crops of Maharashtra.
- 4) Study of major Agro based industries of Maharashtra.
- 5) Study of importants & Development of the tourism in Maharashtra.
- 6) Acquire knowledge of forests in Maharashtra
- 7) Study of population, Urbanization of Maharashtra.

#### **B.A 6th Semester** Geography of India

#### Learning Objective:

- 1) Students will get an introduction to the main regions of the India in terms of both their uniqueness and similarities.
- 2) Students will be exposed to historical, economic, cultural, social and physical characteristics of India.
- 3) Students will learn the relationships between the global, the regional and the local, particularly how places are inserted in regional and global processes.
- 4) In addition to the ability of understanding and reading maps, students will develop cartography skills and will be able to create maps on their own.
- 5) Students will be introduced to demographic, social and cultural attributes such as migration, social relations and cultural identity.

#### **Learning Outcomes:**

- 1) Identifying and explaining the Indian Geographical Environment, from global to local scales.
- 2) Applying geographical knowledge to everyday living.
- 3) Applying knowledge of global issues to a unique scientific problem.
- 4) Showing an awareness and responsibility for the environment and India.
- 5) Evaluating the impacts of human activities on natural environments special reference to India

#### **Practical Geography all Semester**

#### **Course Objectives:**

The course aims to develop skills of map reading and understanding. It also encourages students to understand and correlate the different measurement systems which are essential to understand the geographical concepts.

#### **Learning Outcome:**

- 1) To learn drawing of Scale Diagram for representing geographical data.
- 2) Skill of drawing of map, grapes, diagrams scale.
- 3) Students are expected to be familiar with the basic cartographical skills such as basic elements of map and map reading.
- 4) Get skill of Drawing of projection.
- 5) Aquaria knowledge of map making techniques.
- 6) To understand to choice of projection according purpose of making maps.
- 7) Study of Scales, Projections and Surveying (with the help of plane Table)
- 8) Understand the different surviving techniques.
- 9) Knowledge about preparation of layout.
- 10) Understand the socio economic condition of the villages.
- 11) Acquire knowledge of preparation of drawing of profile with the help of Dumpy level.
- 12) Acquire knowledge of preparation of drawing of profile with the help of Prismatic Compass
- 13) Interpretation of Toposheet, weather reports, Cartographic techniques & Geo Statistical Methods.

- 14) Understand the History of Remote Sensing
- 15) Know Arial Photographs and Satellite Imageries
- 16) Acquire Knowledge about Indian Remote sensing.
- 17) Investigate components and function of GIS
- 18) Study GIS Data models.
- 19) Introduce GPS and Its Functions.
- 20) Make use GIS & GPS software.
- 21) Understand the basic concept of RS.
- 22) Identify the various landforms.
- 23) Mapping and interpretation of Arial Photograph.
- 24) Calculation of scale of land sat imageries.

## **B.A. ECONOMICS**

#### **B.A.** I – Micro Economics

## Aims & Objective of Economics

## 1. Ability to use Economic Problem Solving Methods

#### **Objectives-**

- 1. Students will be able to use quantitative, graphical and Statistical methods to solve economic problems.
- 2. To acquaint the students with the contemporary economic problems and enable them to appreciate the efforts being made to tackle them.
- 3. To enable them to acquire skills in interpreting
- 4. simple statistical data.

#### Learning Outcomes

- Students will appreciate how Economics engagement can improve our lives and our world
- Students will be able to articulate and defend their own points of view
- Students will be able to defend their views in oral and written contexts
- Students will be able to apply their analytical and communication skills to these issues
- The study of economics provides students with a range of important skills necessary to continue in the field of research and analysis, and equips students with a portfolio of widely transferable skills valued by employers.
- Understanding how different degrees of competition in a market affect pricing and output.
- Knowing the decision making of consumer.
- Identifying the nature of revenue and cost of production.
- Comprehending the demand function and production function.
- Realizing various production theories.
- Clarifying the meaning of Marginal, average, total revenue, and Marginal, average and total cost and its implication.

- Awareness of different markets structure.
- Understanding pricing in different markets.
- Judging the factor pricing.

## B.A. II

## **Macro Economics**

### Aims & Objective of Economics

1. Advanced Understanding of the Macro Economic Theory of how the Economy Functions

## **Objectives-**

- 1. Students should be able to show a proficiency with the closed economy macro- economic model of the economy.
- 2. Students should be able to show a proficiency with the open economy macro-economic model of the economy.
- 3. Applications of Macro and Indian Economic Theory to Monetary Policy, Banking, Digitization etc.
- 4. Analyze monetary policy, banking and Digitization documents such as Federal Reserve statements and articles from the financial press, Budget, New Banking development.
- 5. Use financial/economic databases to collect a macro and Indian economic data set.

## **Learning Outcomes**

- Economic graduates have gone on to employment in a range of professional roles in both business and public sectors, such as international banking and finance, Budget, National governments in many parts of the world, international organizations and development agencies, non-governmental organizations, academia and current economic development.
- Economics-Finance majors should have an in-depth knowledge of macroeconomic policies and financial markets. Our majors should be able to discuss the motivations and impacts of policy decisions, especially with regards to the business environment. Students must be able to interpret news and events in the media from an economic perspective. This analysis of real world events will help students to improve their decision making in a national and international context.
- Creating awareness about changing macro-economic policies and theories.
- Understanding the meaning, function and role of commercial banking.
- Comprehending the procedure of an account opening, operating and closing.
- Knowing the structure, function and role of RBI in economic development.
- Judging the progress of financial inclusion.
- Evaluating the importance, characteristics and components of the financial Market.
- Understanding the role and types of development banks and Non-banking financial intermediaries.
- Realizing the banking reforms and Basel Norms-I and II.
- Identifying recent trends in Indian Banking such as E- Banking, MICR Clearing, ATMs, Credit cards and Debit Cards, Travelers Cheques, Gift Cheques, Demat Account. B.A.-II Macro Economics
- Identifying the basic concepts and theories of Macroeconomics.

- Awareness about changing macroeconomics policies and theories.
- Understanding various concepts such as; GDP, GNP NNP, Personal Income, Disposable Income, Per Capita Income, and National Income.
- Identifying the factors determining gross domestic product, employment, the general level of prices, and interest rates.
- Realizing the law of markets, consumption function and investment function.
- Judging the role of fiscal policy and monetary policy in a Developing economy.
- Knowing features, phases and theories of trade cycles.
- Evaluating types, merits and demerits of taxes.
- Comprehending the role of public finance in developing economy.

#### B.A. III Indian Economics

## Aims & Objective of Economics

3 - Advanced Understanding of the Indian Economic Theory of how the Economy Functions

## **Objectives-**

- 1. To deepen their understanding and knowledge about the impact of development on environment.
- 2. To develop favorable attitudes towards conservation and wise use of natural resources.
- 3. To help them to understand that different sectors of the Indian economy are interlinked and they should develop simultaneously through planned and coordinated efforts.
- 4. To familiarize them with the different criteria of dividing world economy and to know why some countries are rich and some poor.

## **Learning Outcomes**

- Developing the skill of data collection & use of sampling techniques in research.
- Developing the knowledge about theories of economic growth & Development and issues of economic planning.
- Understanding characteristics, features, structural changes in Indian Economy.

• Comprehension of the nature and impact of New Economic Reforms on the Indian Economy.

- Knowing the problems of unemployment, poverty, rising economic and social inequality and problems of regional imbalances in India.
- Evaluating the changing role of agriculture, industrial and service sector and foreign sector in Indian Economy.
- Measuring the problems and prospects of cottage and small scale industries, and industrial sicknesses.

• Measuring the growth, volume, composition and direction of India's foreign trade and capital inflow since 1991.

## **B.A. PHILOSOPHY**

## B. A. I Year (1<sup>st</sup> & 2<sup>nd</sup> Sem.) Ethics (Indian & Western)

### Objectives

Students will be able to engage in rational and civil discourse about difficult and emotionally laden topics in a respectful manner

- Morality forms the heart and soul of Human Life. This paper makes the students acquainted with ethical norms in the context of Indian Society and Culture.
- Also about the detailed analysis of ethical language and helps us resolve the conflicts in that arena.
- The study of this paper brings about the importance of values in human conduct and how these can help us in varied aspects of day today life.

#### **Learning Outcomes**

- Students will recognize ethical issues in life and work, and will be able to make thoughtful and responsible decisions in light of them.
- Study of Ethics makes a person moral in its real sense. It also helps to build and develop his/her personality.
- Students will be able to engage in rational and civil discourse about difficult and emotionally laden topics in a respectful manner
- Students will appreciate how philosophical engagement can improve our lives and our world
- This paper helps us resolve the conflict of values we face every day to a larger extent. It eases out the challenges and helps retain the ultimate virtue of Humanity.

## B. A. II Year (3<sup>rd</sup> & 4<sup>th</sup> Sem.) Logic (Indian & Western)

#### **Objectives**

- Understand philosophy and philosophical & Logical thinking Objectives
- Students will understand what philosophical & Logical thinking is, and how to use it
- Students will be able to recognize, understand, and critically evaluate complex arguments
- Students will be able to reasoning Capacity.
- Students will see the relevance of philosophical thinking to issues in the broader world, including the business world

## Learning Outcomes

- Students will be able to articulate and defend their own points of view
- Students will be able to apply their analytical and communication skills to these issues
- Students will be able to express complex ideas clearly, cogently, and concisely

## B. A. III Year (5<sup>th</sup> & 6<sup>th</sup> Sem.) Logic (Indian & Western)

### **Objectives**

Students will have a command of the basic fields of philosophy

- Epistemology deals with various problems of Knowledge, i.e. the sources and validity of Knowledge. It also deals with the facts and revolves around the root word 'Episteme,' which means 'Knowledge.'
- Whatever we get to see around is a part and partial of this physical World but there are certain concepts and things which surpass these boundaries of the concrete world. And that which goes beyond physics is Metaphysics. The aim of this paper is to make us acquainted with the same.

## **Learning Outcomes**

- It helps us have an accurate understanding of almost everything after the analysis of it, from various perspectives.
- The study of nature of Soul, Man, World, God etc., makes us decipher those things which are beyond the reach of Physical Sciences.
- Students will be able to defend their views in oral and written contexts

**B.A. MARATHI** 

After successful completion of three year degree program in B.A. a student should be able to;

## Department of Marathi Programme Outcomes

- युवक वयोगटातील विद्यार्थ्यांची भाषा व वाङ्मयविषयक मनोभूमिका दृढ होते.
- भाषा व संस्कृती आणि साहित्य व संस्कृती यांचा अनुबंध समजून घेता येतो.
- मातृभाषा व साहित्यातून मानवी जीवनव्यवहार समजून घेता येतो.
- समाजव्यवहारात भाषेचे यथोचित आकलन व वापर करण्याची क्षमता विकसित होते.
- व्यक्तिमत्त्व विकास साध्य करता येतो.
- भाषेवर प्रभुत्व निर्माण करता येते.
- चौकस वाचनातून शब्दसंग्रह वाढतो.
- समाजामध्ये वावरण्यासाठीची संवेदनशीलता विकसित होते.
- नवनिर्मितीक्षमता व अभिव्यक्तिक्षमता विकसित होते.
- सामाजिक बांधिलकी निर्माण होते.
- साहित्य व संस्कृतीविषयी ज्ञान संग्रहण, संक्रमण प्रक्रिया गतिमान होते.
- विशिष्ट समस्येची चिकित्सा करता येते.
- नोकरी व रोजगाराच्या संधी शोधता येतात.

## Dept. of Marathi Programme Specific Outcome

- साहित्य व भाषाविषयक आकलनक्षमता वाढते.
- विविध वाङ्मय प्रकार समजून घेता येतात.
- मराठी साहित्य, भाषा व संस्कृती यांचा जवळून परिचय होतो.
- आध्निक मराठी साहित्यातील विविध वाङ्मय प्रवाहांचा परिचय होतो.
- मराठी भाषा व साहित्य अवलोकनाची रूची वाढते.
- साहित्यकृतीला मुक्त प्रतिसाद देण्याची क्षमता निर्माण होते.
- मराठी साहित्याच्या परंपरेचे स्थूल ज्ञान मिळते.
- साहित्यप्रकारांचा तात्विक गतीविकासात्मक अभ्यास होतो.
- 10 साहित्यकृतींमधील सांस्कृतिक संदर्भा चे ज्ञान मिळते.
- साहित्यभाषा व व्यवहारभाषा यांचे ज्ञान मिळते.
- साहित्यातून प्रकट होणार्या मानवी मूल्यांचे आकलन होते.
- लेखन, वाचन, संभाषण, आकलन, परीक्षण ई. भाषिक कौशल्यांचा विकास होतो.

## Course Outcomes - B.A.I, II, III

## Unit I – वैचारिक

- वैचारिक साहित्याचे स्वरूप लक्षात येते.
- समाजस्धारकांच्या मौलिक विचारांची माहिती मिळते.
- वैचारिक जाणिवा प्रगल्भ होण्यास मदत होते.
- ललित साहित्यप्रकाराची ओळख होते.

## Unit II ललित

- व्यक्तिचित्रण, कथा, ललित लेखनाची प्रेरणा मिळते.
- साहित्यातील लालित्याचा आस्वाद घेण्याची क्षमता निर्मा ण होते.

## Unit III कविता

- कवितेच्या विविध प्रकारांची माहिती मिळते.
- कवितेच्या विविध कालखंडाचा व प्रवाहाचा अभ्यास होतो.
- विद्यार्थ्यांमधील कविमन विकसित होते.
- कवितेचे चिकित्सक अध्ययन करण्याची दृष्टी प्राप्त होते. .

## Unit IV – उपयोजित मराठी

- लेखनविषयक नियमांची ओळख होते.
- लेखनामध्ये अधिकाधिक अचूकता येते.
- मुद्रितशोधन कौशल्याची ओळख होते.
- मुद्रितशोधक म्हणून रोजगार मिळवता येतो.
- पत्रलेखनाचे कौशल्य अवगत होते.
- परिचयपत्राचा आकृतीबंध लक्षात येतो.

- वक्तृत्व कलेचा विकास होतो.
- सूत्रसंचालन कौशल्य विकासाला वाव मिळतो.
- महितीपत्रकाची व्यावहारिक उपयोगिता लक्षात येते.
- निमंत्रण पत्रिका व महितीपत्रिकेचा आकृतीबंध लक्षात येतो.



## अर्वाचीन मराठी कविता (Poetry) Course outcomes of Marathi Literature

- कविता या वाङ्मय प्रकाराची समृद्धता अवगत होते.
- आध्निक काळातील नामवंत कवि-कवयित्रींचा परिचय होतो.
- काव्यलेखनात रूची निर्माण होते.

## तहान (Novel)

- कादंबरी साहित्यप्रकाराची ओळख होते.
- कादंबरीचे विविध प्रकार व लेखनपद्धती अवगत होते.
- कादंबरी अभ्यासाची दृष्टी प्राप्त होते.
- आई रिटायर होतेय

## (Drama)

- नाट्य वाङ्मयाचे स्वरूप लक्षात येते.
- नाटकाच्या संहितेचा अभ्यास करता येतो.



## निवडक मराठी कथा (Short Stories)

- कथा वाङ्मयप्रकाराचे स्वरूप लक्षात येते.
- कथांमधील मूल्य शोधण्याचे तंत्र अवगत होते.

## संत तुकारामांचे निवडक अभंग

- संतांचे अमूल्य संस्कार आत्मसात करता येतात.
- विविध जीवनमूल्यांचा परिचय होतो.

## आठवर्णीचे पक्षी (Autobiography)

- आत्मकथन या वाङ्मय प्रकारची ओळख होते.
- दलितांच्या दु:खांची जाणीव होते..

लीळाचरित्रातील निवडक कथा

- महान्भाव संप्रदायाची ओळख होते .
- कथांमधील नैतिक मूल्ये आंगीकरता येतात.

**B.A.III** 

## मिरासदारी (Stories)

- कथालेखकाचा परिचय होतो
- कथा-कथन तंत्र अवगत करता येते.

## साहित्यविचार

- साहित्याचे शास्त्रोक्त स्वरूप अभ्यासता येते.
- साहित्याची प्रयोजणे लक्षात येतात.
- साहित्याची निर्मितीप्रक्रिया जाणून घेण्याचे कौशल्य प्राप्त होते.

## एक होता कार्व्हर (Biography)

- चरित्रात्मक साहित्याचा परिचय होतो.
- व्यक्तिमत्व विकासास चालना मिळते.

#### भाषाविज्ञान परिचय

- भाषेचा वैज्ञानिक अंगाने परिचय होतो.
- भाषेचे स्वरूप व निर्मितीच्या शास्त्रोक्त संकल्पना अवगत होतात.

## **DEPARTMENT OF COMMERCE**

## B.COM. SEM I

## FINANCIAL ACCOUNTING - I:

- To make aware the students with basic concept of Financial Accounting
- To create awareness among students regarding concepts and convention of accounting.

#### **BUSINESS ORGANISATION:**

- To make students familiar with the modern management practices being used by the corporate world.
- To obtain theoretical knowledge about the firm by focusing on business organisation and

functions of management among students like planning, decision-making, organization, and control activities.

• To expose the students for applicability of recent trends in management practices.

## COMPANY LAW:

• The students will understand the statues under the new companies act and the difference between the old and the new act

• The students will be appraised with the latest developments in the corporate sector.

## **BUSINESS ECONOMICS-I:**

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

- Understand Social Responsibility of business towards various stakeholder of business.
- Understand the importance of Business Decisions and types of business decisions.
- Define Micro and Macro Economics and to identify its advantages and disadvantages.
- Explain Law of Demand, Elasticity of Demand, Demand Forecasting,
- Understand production function,
- Identify different types and theories of Cost and Revenue
- Demonstrate law of supply and elasticity of supply

## **B.COM. SEM II**

## STATISTICS AND BUSINESS MATHEMATICS:

- Motivate in students an intrinsic interest in statistical thinking.
- Students will be able to understand basics of statistics needed to enter the job force.
- Students will be able to communicate key statistical concepts to non-statisticians.

## **BUSINESS MANAGEMENT:**

• Modest attempt to help young students for understanding the subject in a systematic manner with lucid exposition of its different facts

## **SECRETARIAL PRACTICE:**

• To appraise the students with the functions and responsibilities of a company secretary as per the latest law.

• The students will learn the various formats to be prepared and compliance required to be adhered by a secretary

## **BUSINESS ECONOMICS-II:**

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

- Define market and classify market structure.
- Understand meaning of Firm and Industry and its objectives and also to differentiate between
- Industry and Firm.
- To analyze the Pricing of Products-Cost based pricing, Customer-based pricing, Competitorbased pricing.
- Understand Perfect and Imperfect competition market (Perfect Competition, Monopoly, and

Monopolistic Competition) its features and price-output determination

• Demonstrate marginal productivity theory of distribution, theory of wages, identify different types of rent, and illustrate different theories of rent, interest and profits.

• Define and explain the process of calculating national income, identify its components, methods of measuring National Income, Difficulties in National Income Accounting.

• To understand the concept of Business Cycles its features, analyze different phases of Business Cycles, understand the Causes and lay policies and remedies of to control Business Cycles.

## **B.COM. SEM III**

## FINANCIAL ACCOUNTING – II:

- The objective of this course is to expose students to advanced accounting issues and practices.
- To facilitate the students to know company final accounts.
- To enable the students to prepare financial statements of Insurance and Bank Companies

## **BUSINESS COMMUNICATION AND MANAGEMENT:**

• Understand the importance of being an effective business communicator in today's changing workplace

## **MONETARY ECONOMICS-I:**

After completion of the course the students will be able to:

• Demonstrate the meaning and function of money, monetary and paper system, illustrate various version of quantity theory of money, Paper Currency and Methods of Note Issue – Fixed Fiduciary Method, Proportionate Reserve Method, Minimum Reserve Method.

• Illustrate the meaning of inflation and deflation, identify different kinds of inflation, causes and effects of inflation and deflation on the economy, describe different remedial measures to control inflation and deflation.

• Understand the concept of Money Market, its objectives, importance and instruments of Money market.

• Develop ideas about Monetary Policy and Fiscal Policy, its objectives, need, importance, and realize its role and impact on economy.

• Understand concept of public finance, sources of finance both public and private, illustrate Importance of Public Finance analyze principle of Public Finance and Theory of Maximum Social Advantages & Criticism. BUSINESS LAW:

• After the course completion students will understand the basic business laws as required.

• The students will be able to tackle the basic legal issues that arise in the course of business.

## **B.COM. SEM IV**

## FINANCIAL ACCOUNTING IV:

• Attempts to familiarize the students with the latest developments taking place in the standards as well as practice of accounting like banking companies, general insurance companies

• Understand the concept of valuation of goodwill and liquidation of company with practical. **MONETARY ECONOMICS-II:** 

After completion of the course the students will be able to:

• Identify types of banks, explain the meaning and function of commercial banks, illustrate how banks create credit, and suggest the instruments to control credit also demonstrate Investment Policy of Commercial Banks.

• Understand the meaning of Non Performing Assets in commercial banks, and its causes and remedial measures to reduce NPA's

• Develop ideas about E-Banking and Core Banking such as ATM(Automated Teller Machines). Credit Cards, Plastic Cards, Smart Cards, ePurse, Laser cards, EFT(Electron Fund Transfer), ECS(Electronics Clearing System) and its importance, advantages and disadvantages.

• Understand Bank and Customer Relationship and its types. Make them aware of the Opening, Operating and closing of various Bank Account and Demat Account- its Advantages. Analyze different methods of Calculating Interest Rates on Deposits and on loans..

## **INCOME TAX:**

• To make aware about agricultural income, residential status and incidence of Tax.

• To understand the provisions and procedure to compute income under head salaries, House Property and other sources.

• To understand the various deductions to be made from gross total income u/s 80C to 80 U in computing total income.

## **SKILL DEVELOPMENT:**

• In keeping with the directives of the Govt. of India the course will equip the students with basic skills required to succeed in organizations and also make them better human beings

## **B.COM. SEM V**

## FINANCIAL ACCOUNTING – IV:

•The subject will make the students aware about the concept of amalgamation, absorption and reconstruction. • The students will understand the accounts of public utility companies and various aspects of valuation of shares

## **COST ACCOUNTING:**

- The students will be able to fill the tender by understanding the elements of cost.
- The students will be able to implement costing in process costing and contract costing.

## AUDITING:

• To understand the fundamental concepts of auditing and to give knowledge about preparation of audit report under different provisions

## **INDIAN ECONOMY-I:**

On completion of the course students will be able to:

• Develop ideas of the basic characteristics and objectives of Indian Economic Planning, History of Economic Planning in India have knowledge on achievements and shortcomings of India's Economics Planning. Understand Regional Planning and its challenges. • Understand NITI Aayog its aims, objectives and structure, demonstrate the approaches from Economic Planning to NITI Aayog and find differences in the two approaches.

• Understand Economic Growth and Economic Development, have knowledge on the various characteristics of Underdeveloped/ Developing countries, illustrate broad features of Indian Economy.

• Develop ideas of the Infrastructure and Transport System in India- Railways, Road, Water and Air Transport and realize its role and importance.

• Understand causes and impact of population growth/explosion and its distribution, translate and relate them with economic development, develop ideas of Population Policy measures adopted to control population.

• Gain knowledge of Employment and Unemployment its Trends, Structure of Employment in India. Develop ideas of estimates of Unemployment, Urban and Rural Unemployment, illustrate Causes, Effect, and suggest appropriate measures such as Government Policy for Removing Unemployment.

## MARKETING MANAGEMENT:

• To create awareness about Market and Marketing

- To establish link between Commerce, Business and Marketing.
- To understand the basic concept of Marketing
- To understand marketing philosophy and generating ideas for marketing research.
- To know the relevance of marketing in modern competitive world.
- To develop an analytical ability to plan for various marketing strategy

## **BUSINESS FINANCE – I:**

- Develop understanding of overall role and importance of the finance function.
- Student will learn how to take decision in different business situation.



## FINANCIAL ACCOUNTING – V:

• Identify and understand the concept of holding company and insurance claim.

• Students will be able to state the use of accounts of investment accounts and profit prior to incorporation in organization.

## **MANAGEMENT ACCOUNTING:**

• To prepare the students regarding application of management accounting in decision making functions and use of various tools and techniques of management accounting as per the requirement

## **BUISINESS FINANCE II:**

• Develop understanding about Financial Market and its various segments in India.

• Provide an introductory knowledge of the operation in Financial Market and role of non banking financial companies.

## **INDIAN ECONOMY-II:**

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

• Understand the role of Agriculture in Indian Economy, illustrate Cooperative Farming and Marketing. Make aware about Green Revolution its Impact and constraints, realize the Causes of Low Agricultural Productivity and suggest remedies.

• To clear concepts of Agriculture Marketing its Problems and Remedies. Illustrate Sources of Agriculture Finance such as NABARD(National Bank for Agriculture and Rural Development).

• Explain the concept MSME (Micro Small & Medium Enterprise) its Role, Performance, problems and Remedies. Demonstrate the Role of Public Sector Industries, illustrate Privatization of Public Sector Industries, Methods of Privatization Policy in India. Explain Arguments in favor and against privatization, have knowledge on Industrial Sickness in India its Causes, Effects and Remedial measures.

• Grasp the Importance of Service Sector in India and its growth. Understand Major Government's reforms in Service sector, realize its Challenges and Opportunity in India's Service Sector, analyze Composition and Direction of India's Exports and Imports, India's Balance of Payment position, know the causes and effects of deficits in the balance of payments,

• Find out Contribution of Indian Economic Thinkers in economic development such as Mahatma Gandhi, Pandit Dindayal Upadhyaya, Dr. B. R. Ambedkar and Dr. Ram Manohar Lohiya.

## HUMAN RESOURCE MANAGEMENT:

• To deal with the concept of Human Resource management and Qualities needed for an ideal Human Resource Managers.

- To give the clear idea about Recruitment and Selection.
- To give explanation about the concept of Labour Welfare and Collective bargaining.
- To know about Human Resource Planning and Accounting

## **ADVANCED STATISTICS:**

• Students will be able to understand the utility and application of correlation, regression. • Students will get an understanding about Index numbers. They will be able to understand the various components of Time Series and practical application of Trends.