

# 2: CRITERION

## Teaching-learning and Evaluation

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### Student Performance and Learning Outcomes

2.6.1: Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated

### 3<sup>rd</sup> Cycle

### Assessment & Accreditation by NAAC

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#### **BHARATIYA MAHAVIDYALAYA, MORSHI**

NAAC Reaccredited with Grade B with  
CGPA 2.33 (3<sup>rd</sup> Cycle)





Bharatiya Vidyamandir, Amravati's  
**BHARATIYA MAHAVIDYALAYA, MORSHI**



Website : <https://bvmmorshi.ac.in/>

NAAC Reaccredited with Grade 'B'

College Code : 119

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No. BMV/ Q /2022-2023  
Date : 16 / 02 / 2023

2.1

**Program outcomes/Program specific outcomes/ Course outcomes  
(POs/COs/PSO)**

Institution has designed POs/COs/PSO for all programme offered by the institution. Curriculum of various programmes is provided by the parent university, the institute has defined the programme outcomes for each program offered by the college.

According to the course every teachers of all Faculties (Arts/Commerce/Science) developed POs/COs/PSO for every curriculum implemented by the college.



*Bambole*  
Principal  
Principal  
Bharatiya Mahavidyalaya  
Morshi

# **Bachelor of Art**

## **Subject-Political Science**

### **Program outcome**

P.O.1:-The political science undergraduate program was born out of a recognition of the increasing significance of cross disciplinary studies in the social science.

P.O.2:-The program is organized around the combined perspectives and analytical tools of political science, history and international relations.

P.O.3:-The political science degree furnishes the students with a unique multidisciplinary approach in social sciences and prepares them for further academic study and or for careers in the public and the private sector.

### **Program Specific Outcomes**

P.S.O.1:-Understand the world, their country, their society, as well as themselves of ethical problems, social rights, duties, values and responsibility to the self and to others.

P.S.O.2:-Understand different discipline from natural and social sciences to mathematics and art and develop inter disciplinary approaches in thinking and practices.

P.S.O.3:-Information in human values like equality fraternity liberty in the society and Intellectual growth, scientific temper awareness to the students.

P.S.O.4:-Understand and follow changes in patterns of political behavior idea and structures.

### **Course Outcomes**

#### **B.A. PART I**

##### **Semester-I**

#### **Implementation From 2017-2018**

C.O.1:-Salient features of the Indian constitution, preamble, and Fundamental rights.

C.O.2:-Directive principles of state policy, Fundamental duties, Acquires citizenship.

C.O.3:-Precedent of India, parliament, Prime Minister, Central cabinet.

C.O.4:-Supreme Court of India and High Court.

##### **Semester-II**

C.O.1:-Election Commission of India, Electoral Reform, Recognition of political parties, Eligibility of voters, Loksabha, Vidhan sabha and Vidhan parishad.

C.O.2:-State Executive; Governor, Chief Minister, Council of Ministers.

C.O.3:-State Legislature of Maharashtra, Legislative Assembly and Legislative Council.

C.O.4:-Local Self Government of Maharashtra, (Urban and Rural).

C.O.5:-Women participation in Panchayat raj of Maharashtra.

C.O.6:-Nagpur Pact for Sanyukta Maharashtra and its recommendations.

C.O.7:-Right to Information.

#### **B.A. Part – II**

##### **Semester – III**

C.O.1:-Salient features of the Constitution of U.K., Crown, Prime Minister and Cabinet.

C.O.2:-Parliamentary System of U.K., House of Lords and House of Commons, Shadow Cabinet

C.O.3:-Salient features of the Constitution of U.S.A., President, and Vice President  
Legislature of U.S.A. (Congress)

C.O.4:-Supreme Court of America

C.O.5:-South Asian Association for Regional Co-operation (SAARC)

#### **Semester –IV**

C.O.1:-Salient features of the Constitution of China (1982)

C.O.2:-National People Congress (NPC) Standing Committee

C.O.3:-President of China, Prime Minister of China and State Council of China Role of Communist Party of China

C.O.4:-United Nation Organization (UNO), General Assembly of UNO, Secretary Council of UNO and Secretary General

C.O.5:-International Court of Justice, Indo – China Relations, Role of China about India in UNO. Impact of Chinese goods and market on Indian Economy.

#### **B. A. Part – III**

#### **Semester- V (Modern Concepts and Policy in Politics)**

#### **Implementation 2019-2020**

C.O.1:-Leadership: Meaning of Leadership, Factors of Leadership and Role of Leadership.

C.O.2:-Reservation: meaning and nature of Indian Reservation Policy. Reservation in Indian Parliament, Reservation and Politics in India.

C.O.3:-Nationalism: Meaning of Nationalism, Nature of Nationalism Factors of Nationalism, Present status of Indian Nationalism

C.O.4:-Communalism: Meaning of Communalism, Role of Communalism Present status of Communalism in India.

C.O.5:-Terrorism: Meaning of Terrorism, Kinds of Terrorism, and The act of prevention of Terrorism in India.

#### **Semester – VI**

#### **(Concepts of Western and Indian Thinkers)**

C.O.1:-Concept of State: Aristotle – Classification of State, M. K, Gandhi – Concepts of Ramrajya.

C.O.2:-Concept of Democracy: Walter Bagehot, Abraham Lincoln and Dr. Babasaheb Ambedkar

C.O.3:-Concept of Nationalism: Niccolo Machiavelli, Swami Vivekanand and V.D. Sawarkar

C.O.4:-Concept of Socialism: Karl Marx, Pandit Jawaharlal Nehru and Ram Manohar Lohiya.

C.O.5:-Concept of Behaviorisms and Sovereignty: David Easton, Gabriel Almond and John Austin.

**B.A. Part –III**  
**OLD SYLLABUS (2015 TO 2018)**

C.O.1:-Nature and Significance of Political Theory, Meaning and Definition Development of Political Theory, Scope of Political Theory, Political Theory and Political Analysis.

C.O.2:-Nature and Definition of Power and Authority, Basis of power, Types of power, Characteristics of Authority, Types of Authority, Concept of Legitimacy, Acquires ways of Legitimacy

C.O.3:-Theory of Divine origin of the State, Social contract theory of the State Historical or Evolutionary Theory of the Origin of the State, State about step Idealist perspective.

C.O.4:-Meaning of definition of Sovereignty, Types of Sovereignty and Characteristics of sovereignty, Monistic theory of Sovereignty, and Pluralistic theory of Sovereignty.

C.O.5:-Meaning of Citizenship, Modes acquiring and loosing of Citizenship Meaning and definitions of Rights, Nature of Rights, Theories of Rights, Meaning of Liberty and Types of Liberty.

C.O.6:-Meaning of Equality, Types of Equality, Relation between Equality and Liberty. Meaning and definition of Justice, Kinds of Justice.

C.O.7:-Meaning of Democracy, Attributes of Democracy, and Conditions for the successful working of Democracy.

C.O.8:-Meaning of Development. Problems of Political Development, Meaning and definitions of Welfare State, Meaning and definition of Social Change. CO9: Effective factors of Social Change. Cyclic theory of social change, Deterministic or Economic theory of social change, Deterioration theory of social change.

**Subject- History**

**Program Outcomes**

After Completion of the program the student should be able to know:

P.O.1:-Student enable to evaluates, analyze and synthesize historical materials (Primary and secondary sources).

P.O.2:-Student enables to recognize and explain the historical development of cultures.

P.O.3:-Student understand to evaluate and recognize different Empire in the Indian history.

P.O.4:-Student identify the role of theory and methodology in the production of historical knowledge.

P.O.5:-Student identify and critique basic historical concepts.

**Program Specific Outcomes**

P.S.O.1:-Understand background of our religion, customs, institutions, administration and so on. P.S.O.2:-Understand the basic themes concepts, chronology and scope of Indian History.

P.S.O.3:-Understand the history of countries other than India with comparative approach.

P.S.O.4:-For History graduates, the options of public service is always open.

P.S.O.5:-A History graduates can find employment with Archaeological Survey of India

P.S.O.6:- Work as a teacher in schools and high schools.

- P.S.O.7:-The study of history helps to impart moral education.  
P.S.O.8:-History install the feeling of patriotism in the hearts of the students.  
P.S.O.9:-Serve as conservator and tourist guide in historical Monuments.  
P.S.O.10:-Think and argue historically and critically in writing and discussion.

### **Course Outcomes**

#### **B.A Part-I**

#### **Semester -I**

#### **History of India (Up to 1206 A.D)**

- C.O.1:-Understand the salient features of Indus valley civilization.  
C.O.2:-Student will be able to know history of Vedic Period.  
C.O.3:-Evaluate the features of the Buddhism and Jainism.  
C.O.4:-Student will be able to illustrate the development of Empire.  
C.O.5:-Visualize the administration of Mauryans and the art and architecture of Mauryas.  
C.O.6:-Identify the administration of Guptas their contribution to Nalanda University.  
C.O.7:-Understand the history of Satvahanas, Kushans.  
C.O.8:-Know about the Vardhan Empire.  
C.O.9:-Examine the Arab conquest of Sindhu and the battle of Tarain.  
C.O.10:-Student will be able to explain our heritage through cultural aspect of Ancient India.

#### **Semester -II**

#### **History of India (1206 to 1526 A.D) (Sultanate Period)**

- C.O.1:-Understand the foundation of Delhi Sultanate and the Sultanate administration.  
C.O.2:-Grasp territorial expansion of sultanate in period.  
C.O.3:-Recognize the social, economic and religious condition under Vijaynagar Empire.  
C.O.4:-Recognize the social, economic and religious condition under Bahamani Empire.  
C.O.5:-Identify the condition of India under the sultanate period.  
C.O.6:-Know the system of Trade and Commerce during the period of Sultanate.  
C.O.7:-Student should learn condition of women during the Sultanate period.  
C.O.8:-Student should learn about Bhakti Movement and Sufi Movement during the Sultanate period.

#### **B.A Part-II**

#### **Semester -III**

#### **HISTORY OF INDIA (1526 to 1757 A.D) (Mughal Period)**

- C.O.1:-Identify the condition of India under the Mughal Empire  
C.O.2:-Know about Babar, Akbar, Aurangzeb.  
C.O.3:-Understand the emergence and consolidation of Sher Shah Suri.  
C.O.4:-Explain the administrative set up of Mughals.  
C.O.5:-Know the system of trade and commerce during the period of Mughals.  
C.O.6:-Student should learn condition of women during the Sultanate period.  
C.O.7:-Analyze the rise of the Maratha and the contribution of Shivaji, Sambhaji, Rajaram and Tarabai.  
C.O.8:-Student will be able to analyze administrative system of Maratha.

C.O.9:-Student should learn Religious policy of Shivaji Maharaj and Sambhji Maharaj.

#### **Semester -IV**

##### **History of India (1757 to 1747 A.D) (British Period)**

C.O.1:-Student know about formation, Expansion and Consolidation of British Empire in India under East India Company.

C.O.2:-Student will be able to analyze the process of rise of modern India and foundation made by social reformers and freedom fighters.

C.O.3:-Student will be able to analyze social background of Indian Nationalism.

C.O.4:-Understand about the socio – religious movement in 19<sup>th</sup> century.

C.O.5:-State the role of Moderates and Extremists in Freedom movement.

C.O.6:-Comparison of National movement – Pre Gandhian and Post Gandhian Era.

C.O.7:-Understand the Evolutionary processes of constitutional development.

C.O.8:-Understand the various phases of the National Movement.

C.O.9:-Grapes the details of freedom movement under the Mahatma Gandhi's leadership.

C.O.10:-Know the contribution of Subhash Chandra Bose.

#### **B.A Part-III**

##### **Semester - V**

##### **History of modern world (1780 to 1920 A.D)**

C.O.1:-Realize the causes and result of French Revolution and the achievement of Nepolean Bonaparte.

C.O.2:-To know the efforts of Bismark for unification of Germany.

C.O.3:-Student gained knowledge about political history of Modern world.

C.O.4:-understand the causes and result of the First World War.

C.O.5:-Evaluate the Russian revolution and the first experiment of the communist government.

C.O.6:-World trend of thinking, Marxist, Communalism, Dictatorship and Imperialism etc. Introduced to student.

C.O.7:-Acquire knowledge about 29<sup>th</sup> century world.

##### **Semester - VI**

##### **History of modern world (1921 to 1965A.D)**

C.O.1:-Student have understand the process of colonialism in the different part of World.

C.O.2:-Student have understand the relation between Modernity and Nationalism and its implications.

C.O.3:-Examine the Nazism and Fascism in Germany and Italy.

C.O.4:-Understand the causes and result of Second World War and establishment of UNO.

C.O.5:-Student have understand the problems of contemporary World in the light of its background history.

C.O.6:-Student have understood the necessity of Universal–Brotherhood.

C.O.7:-Student will able to explain the various political movement and growth of nationalism in different parts of the world.

## **Subject: - Geography**

### **Program Outcomes**

P.O.1:-Provide knowledge and understanding of various fields of study in core disciplines in the humanities and social sciences.

P.O.2:-Develop critical and analytical skills to the identification and resolution of problems within complex changing social, linguistic and literary contexts.

P.O.3:-Understanding the general concepts and principles of selected areas of study and outside the core disciplines of the humanities, social sciences and languages

P.O.4:-Follow independence in learning, appropriate theories and methodologies with intellectual honesty and an understanding of ethical and human values.

P.O.5:-Encourage students to analyze the problems and apply their knowledge for remedies thereof.

P.O.6:-Enhance student's skills of effective communication and language learning i.e. Reading, writing, listening and speaking another language with fluency and understand its cultural value.

P.O.7:-Become well informed and updated member of the community and responsible citizens.

P.O.8:-Work with self-esteem, self-reliance, self-reflection and creativity to face adversities in the work and personal life.

### **Program specific outcomes**

P.S.O.1:-Demonstrate knowledge of physical and cultural features of the earth and locate them on a map.

P.S.O.2:-Know about the basic disciplines of Geography and its sub branches.

P.S.O.3:-Know the basic concepts and terminologies used in Geography like interior of the earth, plate tectonic, sea floor spreading, population growth, disasters, composition and structure of atmosphere, hydrosphere, etc.

P.S.O.4:-Differentiate between minerals and rocks, weather and climate, interior of the earth, basic industries, farming etc.

P.S.O.5:-Get information about the causes and effects of local, national and international problems like global warming, acid rain, ozone depletion, soil degradation, deforestation etc.

P.S.O.6:-Carry out surveying and learn the art of map making and prepare maps for the areas with the help of surveying techniques.

P.S.O.7:-Gain knowledge of quantitative methods and their ability to use statistical and cartographical methods to solve geographical problems.

P.S.O.8:-Construct various types of projections and scales as per requirement of the study and collect primary and secondary data in the field.

P.S.O.9:-Handle topographical and weather maps and interpret them.

P.S.O.10:-Students learn about formation of landforms and identify various landforms around them.

P.S.O.11:-Students learn about various economic activities of man and their spatial temporal distribution.



P.S.O.12:-Students acquire knowledge of basic surveying and map making.

P.S.O.13:-Students know about disasters, their causes and managing disasters.

P.S.O.14:-Students come to know about geographical, socio-economic and political background of India.

P.S.O.15:-Students apply geographical knowledge in their day to day life like being alert about disasters, weather and climate data.

## **Course outcomes**

### **B.A. PART-1**

#### **Course – Elements of geomorphology**

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

C.O.1:-Understand the Nature of Geography meanings, scope and Branches of Geography.

C.O.2:-Explain the origin of the earth, its longitude and latitude.

C.O.3:-Describe earth rotation, revolution and its effects and explains local and standard time.

C.O.4:-Describe lunar and solar Eclipse.

C.O.5:-Describe and explain earth movement – Orogenic, and Eporgenic movement.

C.O.6:-Understand causes, types and effect of earthquake and volcanoes.

#### **Course- Geomorphology**

C.O.1:-Describe and explain the classification and characteristic of rock.

C.O.2:-Describe the work of stream and explain the land forms associated with river.

C.O.3:-Describe land scape associated with glacier.

C.O.4:-Describe land scape associated with wind.

C.O.5:-Explain the land scale associated with underground water.

C.O.6:-Explain the application of geomorphology and human activities.

### **B.A. PART-2**

#### **Course: - Climatology**

C.O.1:-Introduction of climatology, its meaning, elements and significance.

C.O.2:-I) Describe composition and structure of the atmosphere.

II) Explain the distribution of temperature and factor affecting it.

III) Explain the range of temperature.

C.O.3:-Describe atmospheric pressure and wind formation.

C.O.4:-Explain atmospheric moisture and forms of precipitation.

C.O.5:-Understand atmospheric pollution and global warming.

#### **Course: - Oceanography**

C.O.1:-Explain nature and scope of oceanography.

C.O.2:-Understand surface configuration of the ocean floor.

C.O.3:-Explain distribution of temperature and salinity of ocean water.

C.O.4:-Understand the circulation of Oceanic water.

C.O.5:-Know about ocean resources such as marine deposit and coral Reef.

### **B.A. PART-3**

#### **Course: - Geography of India**

C.O.1:-Explain physical landscape and the morphological region of India.

C.O.2:-Explain the distribution and conservation of Iron, Manganese, Bauxite, Power resource

C.O.3:-I) describes spatial distribution of population.

II) Describes industrial regions of India.

C.O.4:-Explain the basis of regional divisions of India in connection with population, agriculture Industry, transport and trade.

C.O.5:-Understand the application of geomorphology and human activities in India.

#### **Course: - Geography of Maharashtra**

C.O.1:-Explain physical landscape and the morphological region of Maharashtra state.

C.O.2:-Explain the distribution of mineral resources and soil in Maharashtra state.

C.O.3:-Describes spatial distribution of demography of Maharashtra state.

C.O.4:-Explain the basis of physical and administrative divisions of Maharashtra state in connection with population, agriculture Industry, transport and trade.

C.O.5:-Explains importance of geography of Maharashtra in the development of nation.

### **Subject: - Economics**

#### **Program Outcomes**

P.O.1:-Provide Knowledge and Understanding of various field of study in core disciplines in the Humanities and Social Sciences

P.O.2:-Develop Critical and Analytical skills to the identification and resolution of problems within complex changing social, linguistic and literary contexts

P.O.3:-Follow independence in learning appropriate theories and methodologies with intellectual honesty and an understanding of ethical and human values

P.O.4:-Encourage students to analyze the problems and apply their knowledge for remedies thereof.

P.O.5:-Work with self-esteem, self-reliance, self-reflection and creativity to face adversities in the work and personal life.

P.O.6:-Understanding of the general concepts and principles of selected areas of study outside core disciplines of the humanities social sciences and languages.

#### **Program Specific Outcomes**

P.S.O.1:-Providing knowledge about various cost for ex Average cost, Marginal cost, Total cost etc.

P.S.O.2:-To study Economic Theories and Principles and see their Application.

P.S.O.3:-Demonstrate Knowledge about the evolution Central Bank, Commercial Bank, Co-operative Bank and the evolution of Money and its Functions.

P.S.O.4:-Understand and Study Monetary Policies in India and their /sources.

P.S.O.5:-Understand the behavior of Financial and Money Market and Perform cost benefit analysis for making investment decisions.

P.S.O.6:-Understand and Study the Economy of Maharashtra, Vidharbha, and India.

P.S.O.7:-Understand problems in the development of India, Unemployment, Poverty, Inflation and Balance of Payment.

P.S.O.8:-Identify the Principles behind the working of the Banking System.

### **Course Outcomes**

#### **Course – Micro Economics**

C.O.1:-Understand about fundamental concept of Economics.

C.O.2:-Understand economic approach.

C.O.3:-Be able to evaluate the effect of Law of Demand, Law of variable proportion.

C.O.4:-Use economic models, Diagram and table use them to analysis economic situation.

C.O.5:-Know the role of Market in real life.

C.O.6:-Analyze operation of Market's under varying competitive condition.

C.O.7:-Be able to evaluate the effect of Govt. Interventions in individual and in the Macro Economy.

C.O.8:-Understand the theory of oligopoly and duopoly.

#### **Course: - Economy of Maharashtra**

C.O.1:-Explain the Definition, nature and scope of Economy of Maharashtra.

C.O.2:-Understand the Population and Economic development.

C.O.3:-Understand the Concept of Migration and Urbanization in Maharashtra State.

C.O.4:-Understand the Cropping pattern in Maharashtra.

C.O.5:-Understand the Role of Agriculture in Maharashtra Economy.

C.O.6:-Understand the Infrastructure and Economic Development.

C.O.7:-Know about the Concept of Green Revolution, Irrigation and Land Reforming in Maharashtra.

C.O.8:-Know about the Historical Background of Vidharbha Region.

C.O.9:-Understand about the special Issues of Vidharbha Region that is Farmer's Suicides, Tourism and Various Resources etc.

#### **Course: - Macro Economics**

C.O.1:-Understand Macro Economic Analysis.

C.O.2:-Understand of National Income, GDP, NNP, GNP, NDP and Per Capita Income.

C.O.3:-Understand the Barter System.

C.O.4:-Understand the Definition of Money.

C.O.5:-Understand the concept of Inflation and Deflation and its effect of various sector.

C.O.6:-Understand the Fisher's Quantity Theory of Money and its equation.

C.O.7:-Understand the say's Law of Market.

C.O.8:-Understand Consumption and Investment Function.

C.O.9:-Understand the concept of International Trade

C.O.10:-Understand the Recardo's Comparative cost theory of International trade.

### **Course: - Banking**

- C.O.1:-Understand Concept of Bank.
- C.O.2:-Demonstrate Knowledge of Commercial Bank.
- C.O.3:-Understand Concept of Credit Creation of Commercial Bank and its Functions
- C.O.4:-Understand Knowledge of Central Bank, their credit instrument and its function.
- C.O.5:-Demonstrate knowledge of Co-operative Banks, Co-operative society, NABARD, and identify the Principles of Behind the working of the financial system.
- C.O.6:-Understand the World Bank, IMF and its Methodology, function.
- C.O.7:-Study the Recants Trends in Indian Banking.
- C.O.8:-Explain the evolution of Money and its function
- C.O.9:-Explain the Value of Money.

### **Course: - Indian Economy**

- C.O.1:-Understand the Basic feature of Indian Economy.
- C.O.2:-Understand the Economic Planning and 11<sup>th</sup> five year plan.
- C.O.3:-Understand the concept of Liberalization, Privatization and Globalization.
- C.O.4:-Understand the Economics of Agriculture and Indian Agriculture Sector.
- C.O.5:-Understand the causes of Low Productivity of Agriculture and its Remedies
- C.O.6:-Understand the concept of Agriculture Marketing.
- C.O.7:-Understand the Concept of Subdivision and Fragmentation
- C.O.8:-Understand the Industrial Policy.
- C.O.9:-Understand the concept of Small Scale Industries and their Problems and Remedies.
- C.O.10:-Understand the concept of Trade Union, Industrial disputes its causes and Remedies
- C.O.11:-Understand the Definition of Indian Economy.
- C.O.12:-Understand the problem in the development of Indian Poverty, Unemployment, Self Help Group.
- C.O.13:-Understand the concept of Environment and Relation between Population and Environment.
- C.O.14:-Understand the concept of Environment Population.
- C.O.15:-Understand the Natural Resources.
- C.O.16:-Understand the concept of Global Warming.

### **Course: - Demography**

- C.O.1:-Understand the Meaning and scope of Demography.
- C.O.2:-Understand the Malthus theory of Population, Optimum Theory and Theory of demographic Transition.
- C.O.3:-Explain the Population Explosion.
- C.O.4:-Understand the meaning of Fertility and Mortality.
- C.O.5:-Understand the Factor affecting Fertility and Importance of study of Fertility.
- C.O.6:-Understand the Factor for decline in Mortality in Recent year.
- C.O.7:-Understand the concept of Migration of Population and its Types.
- C.O.8:-Understand the Effect of Migration on Population.

- C.O.9:-Understand the factor affecting Migration.
- C.O.10:-Understand the Meaning of Urbanization of Population.
- C.O.11:-Understand the Causes of Urbanization of Population.
- C.O.12:-Understand the pattern of Urbanization in India.
- C.O.13:-Understand the Effect and Remedies to Urbanization.
- C.O.14:-Understand the Human Development Issues and Population.
- C.O.15:-Understand the Evolution of Population Policy in India.
- C.O.16:-Understand the Family Planning Strategic and their Outcomes.
- C.O.17:-Explain the New Population Policy.

## **Subject – Marathi**

### **Program Outcomes**

- P.O.1:-The Students should acquire Writing skill, Reading habits and Presentation skills.
- P.O.2:-The Social values & civic sense should also increase among the students.
- P.O.3:-Realize of Human Values.
- P.O.4:-Creative ability.
- P.O.5:-Responsible and dutiful citizen.

### **Program Specific Outcomes**

- P.S.O.1:-The Department encourages students to gain Literature skills and Professional.
- P.S.O.2:-To go through the contemplation by numerous thinkers on human Life, Values and Human problems.
- P.S.O.3:-To make students study multidisciplinary aspects of Marathi.
- P.S.O.4:-To learn about Marathi Culture with its variety and plurality Vis a Vis Indian culture.
- P.S.O.5:-Developing Communication skills.
- P.S.O.6:-To motivate students to make career in Marathi.

### **Course Outcomes**

- C.O.1:-Students learn about Literature writing, translation, professional skill for media and publication.
- C.O.2:-Creating interest in Literature.
- C.O.3:-Developing Language & Literary forms.
- C.O.4:-Increasing the critical attitude about literary studies.
- C.O.5:-Explaining the Nature of Language and Literature.
- C.O.6:-Obtaining the skills of Literary Criticism.
- C.O.7:-Acquiring the skill of translation.
- C.O.8:-Acquaintance with Oriental Poetry and understanding the Nature & Futures of Poetry.
- C.O.9:-Creating skill of critical appreciation of a Poem.
- C.O.10:-Understanding Origin, Nature & Function Language.
- C.O.11:-Understanding various trends in Rural Literature.

- C.O.12:-Get the students introduced with various stream of Marathi.  
C.O.13:-Information about the History of Modern Marathi Litature.  
C.O.14:-Developing attitude of Marathi Linguistics & Grammar.

## **Subject – Marathi Literature**

### **B. A. & B.Com. - I, II &III (Sem. I<sup>st</sup> to VI)**

#### **Program Outcomes**

- PO 1:- The Students should acquire Writing skill, Reading habits and Presentation skills.  
PO 2:- The Social values & civic sense should also increase among the students.  
PO 3:- Realise of Human Valuves.  
PO 4:- Creative ability.  
PO 5:- Responcible and dutiful citizen.

#### **Program Specific Outcomes**

- PSO 1 : Creating intrest in Marathi Litature.  
PSO 2 : Developing Language & Litrary forms.  
PSO 3 : To make students learn various literary streams, their nature, scope etc.  
PSO 4 : To go through the contemplation by numerous thinkers on human life,values, and human problems expressed in Marathi.  
PSO 5 : To enhance empathy, inclusiveness, tolerance and human values.  
PSO 6 : To make the students study multi disciplinary aspects of Marathi.  
PSO 7 : To learn about Marathi culture with its variety and plurality vis a vis Indian culture.  
PSO 8 : Study of thinkers on human life values and problems expressed in Marathi.  
PSO 9 : To learn about Marathi culture, with its variety and plurality.  
PSO 10 : To importance of language in personality developments as well as to make carrier Marathi  
PSO 11 : Increasing the critical attitude about literary studies.  
PSO 12 : Explaining the Nature of Language and Litature.  
PSO 13 : Obtaning the skills of Litrary Criticiam.  
PSO 14 : Acquiring the skill of translation.  
PSO15 : Acquainatance with Oriental Poetry and understanding the Nature & Futures of Poetry.  
PSO 16 : Creating skill of critical appreciation of a Poem.  
PSO 17 : Understanding Origin,Nature & Function Language.  
PSO 18 : Understanding various trends in Rural Litature.  
PSO 19 : Information about the History of Modern Marathi Litature.  
PSO 20 : Developing attitude of Marathi Linguistics & Grammer.  
PSO 21 : Developing Communication skills.  
PSO 22 : The Department encourages students to gain Litature skills and Professional.  
PSO 23 : To go through the contemplation by numerous thinkers on human Life,Values and Human problems.

PSO 24 : To make students study multidisciplinary aspects of Marathi.

PSO 25 : To motivate students to make career in Marathi.

### **Course Outcomes**

Course Outcomes by the completion of this course the student will be able to

CO 1 : To understand basics concepts in Marathi linguistics.

CO 2 : To get the students introduced with various streams of Marathi.

CO 3 : To develop Attitude of Marathi Linguistics & Grammar.

CO 4 : Information about Literary Theory.

CO 5 : To improve the speech of language of Marathi Geographical studies.

CO 6 : Develop Attitude of Literary Forms. (Marathi Vaicharik Sahitya, Lalit Gadya, Novel, Story, Drama & Marathi Poetry )

CO 7 : Get the students introduced with interdisciplinarity aspects of Marathi .

CO 8 : Information about Literary Theory.

CO 9 : Get the students introduced with various streams of Marathi

CO 10 : To know about Saint Literature in Marathi.

CO 11 : Information about the history of MODERN Marathi Literature.

CO 12 : Study the aesthetics of Dalit Literature.

CO 13 : Study the aesthetics of Adiwasi Literature

CO 14 : Components – Folklore concept, inspiration, purpose and types.

CO 15 : Develop Attitude of Marathi Linguistics & Grammar. (Marathi Vyakaran)

CO 16 : Develop Reading, Writing & Communication Skills of Students. (Upayojit wa Wyaahaarik Marathi)

CO 17 : To study News Writing for Media. Nature themselves in soft skills and develop research attitude. (Upayojit wa Wyaahaarik Marathi)

## **Subject: - Home Economics**

### **Program Specific Outcomes**

PSO1 : To create an awareness about decision making and management in family.

PSO2 : Develop employability skills of the skill of earning while learning.

PSO3 : Understand basic concept of nutrition & dietetics.

PSO4 : Develop ability to plan diet for various stages of life & disease.

PSO5 : Understand & contribution of Home Economics education in national development.

PSO6 : Aware about of house drainage and waste disposal.

### **Course Outcomes**

**Course : Home Management on complete of the course, student is able to.**

CO1 : Understand the Home Economics as education of life.

CO2 : Understand the importance of Home Management & use of family resources.

CO3 : Understand role of decision making in home.

- CO4 : Understand the skill of learning.
- CO5 : Aware about water management.
- CO6 : Aware about waste disposal.

**Course : Human Development.**

- CO1 : Understand parenteral Development.
- CO2 : Understand various behavior problems of childhood.
- CO3 : Realize the effect of heredity and environment children's development.
- CO4 : Understand human development regarding children's physical & psychological development.
- CO5 : Advantages of breast feeding & artificial feeding.

**Course : Food science and water management.**

- CO1 : Understand basic concept of food and nutrition.
- CO2 : Know the relation between health and nutrition.
- CO3 : Understand therapeutic diet.
- CO4 : Aware about food preservation & food adulteration.

## **Subject – English**

### **Program Outcomes**

- P.O.1:-Graduate students who are capable of performing research, analysis and criticism of literary and cultural text from different historical periods and genres.
- P.O.2:-Provide students with the critical faculties necessary in an academic environment, on the job, and in increasingly complex interdependent world.
- P.O.3:-Assist students in the development of intellectual flexibility, Creativity and Cultural literacy. So that they may engage in lifelong learning.
- P.O.4:-Students should be able to write analytically in variety of format like essays, research papers.

### **Program Specific Outcomes**

- P.S.O.1:- o offer relevant and practically helpful pieces of prose and poetry to students do that they can not only get to know the beauty and communicative power of English but also its practical application.
- P.S.O.2:-To expose students to a variety of topics that dominates the contemporary culture life.
- P.S.O.3:-To develop overall linguistic competence and communicative skills of students with the help of employability enhances.
- P.S.O.4:-To develop oral and written communication skills of the students.

### **Course Outcomes**

- C.O.1:-Students will learn the skill of spoken communication and written communication.
- C.O.2:-Students will learn the skill of precise writing and thought developing.
- C.O.3:-Students will learn the Indian literature.
- C.O.4:-Students will be able to learn presentation skill.



- C.O.5:-Students will be able to understand and the critical appreciation of the poem, prose and short stories from prescribed course.
- C.O.6:-Students will learn professional ethics.
- C.O.7:-Students will be able to introduce with the basic elements of poetry.
- C.O.8:-To develop critical thinking and imagination through long and short fiction and to familiarize students with cultural diversity through different representative sample of fiction.
- C.O.9:-To lead to a greater understanding of the human communicative action, through an objective study of language.
- C.O.10:-To help students to move towards better pronunciation to improve the general standard of pronunciation in every conversation.
- C.O.11:-The students will be able to explore the plurality of female experience.
- C.O.12:-Students will be able to explore the plurality of female experience.
- C.O.13:-The Students will have acquired the skill to understand feminism as a social movement and critical tool.
- C.O.14:-To provide an overview of the various phases of the evaluation of Indian writing in English.
- C.O.15:-To introduce students with the thematic concern, genres and trends of Indian writing in English.

## **B.A. Part II**

### **Course outcomes**

- C.O.1:-Students will be learn the skill of telephone conversation.
- C.O.2:-Students should be learn how to make sentences with the help of grammar.
- C.O.3:-Students will learn Indian literature.
- C.O.4:-Students will learn professional ethics & moral Values.
- C.O.5:-Students should be understand the basic elements of poetry.
- C.O.6:-Students should be understand the literature of another country.
- C.O.7:-Students will learn communication and writing.
- C.O.8:-Students should learn how to live life from the literature.
- C.O.9:-This course provide not only happiness but also lots of knowledge of the world.
- C.O.10:-Students will be able to learn the moral values from the various characters of dramas, novels and short stories.

## **Bachelor of commerce (B.Com)**

### **Program outcomes**

P.O.1:-To build conceptual foundation and application skills in the areas of Accountancy, Finance, Management, research and higher education.

P.O.2:-To Sharpen the students analytical and decision making skills.

P.O.3:-To provides the students with a unique ability to manage accounts, people and organization across the world with a combination of B.com Degree.

P.O.4:-To build life skills through value based education and service oriented program.

P.O.5:-To provides the students a competitive edge in the job market by equipping them with financial and management accounting techniques covering the technical areas that accountants are required to master.

### **Program Specific Outcomes**

#### **B. com Part-I**

##### **Computer Fundamental and operating system**

P.S.O.1:-Study the history of the discipline of computer and understand the concept of the subject.

P.S.O.2:-Understand the Fundamentals of Computer and its organization

P.S.O.3:-Studied the input and output devices and concept of Word processing working with Text (MS- Word 2007)

P.S.O.4:-Designing the webpages of using the power point presentation and concept of modern communications.

##### **Principles of Economics**

P.S.O.1:-To provide students well founded education in economics.

P.S.O.2:-To provide student with the opportunity to focus on applied and policy issues in economics.

P.S.O.3:-This course is designed to provide basic understanding of micro economic concepts and students aware of the theoretical aspects of macroeconomics.

P.S.O.4:-The objective of this course is to acquaint the students with the business economics principles in applicable in business.

P.S.O.5:-To provide fundamental basic knowledge of statistics techniques as applicable to business.

##### **Financial Accounting and Advanced Accounting**

P.S.O.1:-Introduction to the real and practical way of accountancy.

P.S.O.2:-Students will learn relevant financial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.

P.S.O.3:-In advanced accounting courses beyond the introductory level, affective development will also progress to the valuing and organization levels.

##### **Principles of Business Organization/ Principles of Business Management**

P.S.O.1:-Identify major business functions of accounting finance, information systems, management and marketing.

P.S.O.2:-Describe the relationships of social responsibility, ethics, and law in business.

P.S.O.3:-Explain forms of ownerships, including their advantages and disadvantages.

P.S.O.4:-Identify and explain the domestic and international considerations for today's business environment.

P.S.O.5:-Identify and explain the role and effect of government on business.

## **B.Com Part-II**

### **Company Accounting/ Corporate Accounting**

P.S.O.1:-Student will learn relevant company accounting careers skills, applying both quantitative and qualitative knowledge to their future careers in business.

P.S.O.2:-This course aims to enlighten the student on the accounting procedures followed by the companies.

P.S.O.3:-Students skills about the valuation will be developed.

P.S.O.4:-To make aware the students about the valuation of shares.

P.S.O.5:-To impart knowledge about holding company accounts, amalgamation, absorption and reconstruction of company.

### **Business Mathematics and Statistics**

P.S.O.1:-To use and understand useful functions in business as well as the concepts of EMI.

P.S.O.2:-To Understand the different concept of population and sample and to make student familiar with Calculation of various types of averages and variations.

P.S.O.3:-To learn the applications of matrices in business.

P.S.O.4:-To Understand the students to solve LPP to maximize the profit and to minimize to cost.

P.S.O.5:-To use regression analysis to estimate the relationship between two variables and to use frequency distributions to make decision.

P.S.O.6:-To understand the techniques and concept of different types of index numbers.

### **Auditing and Taxation**

P.S.O.1:-Students will be used in the fundamental concepts of Auditing and different aspects of Tax.

P.S.O.2:-Students can understand Income Tax systems properly, and can get the knowledge of different tax provisions.

P.S.O.3:-To give knowledge about preparation of Audit report, Submission of Income Tax Return, Advanced Tax, and Tax deducted at Source, Tax Collection Authorities under the Income Tax Act, 1961.

P.S.O.4:-Learners can also acquire practical skills to work as Tax Consultant, audit assistant and other financial supporting services.

### **Money and Financial System**

P.S.O.1:-Identify the principles behind the working of the financial system.

P.S.O.2:-Demonstrate knowledge about the evolution of financial markets and various credit instruments and the evolution of money and its functions.

P.S.O.3:-Analyze the operations of equity and debt markets including interest rate movements.

P.S.O.4:-Demonstrate an understanding of the history, evolution, structure, operations and regulations of modern central banking and financial systems together with the design and conduct of monetary policy.

P.S.O.5:-Outcome of the subject comes under Management board.

### **Information Technology and Management**

P.S.O.1:-Use and apply current technical concepts and practices in the core information. Technology of human computer interaction, information management, programming, networking.

P.S.O.2:-Effectivity integrate IT- based solutions into the user environment.

P.S.O.3:-Understand the use of information technology and data in computing use of data processing.

### **B.Com Part-III**

#### **Cost Accounting and Management Accounting**

P.S.O.1:-To keep the students conversant with the ever enlarging frontiers of Cost Accounting knowledge.

P.S.O.2:-Students can get knowledge of different methods and techniques of cost accounting.

P.S.O.3:-To impart Knowledge about the concepts and principles application of Overheads.

P.S.O.4:-This course provides students with understand of management accounting concepts related to the management functions of planning, control, and decision making.

#### **Economics of Development and Business Environment**

P.S.O.1:-To make the student aware about the Business and Business Environment.

P.S.O.2:-To developing the awareness among student about the economic development.

P.S.O.3:-To motivate students to make their mind set for thinking develop the economics condition and business environment.

#### **Company Law and Business Regulatory Framework**

P.S.O.1:-Critically review the Indian legal systems and institution relevant to commercials actors and advisors and argue its relevance in managing contemporary business organizations

P.S.O.2:-Critically examine the general areas of contact and corporate law and regulations encountered by commercial in local and global settings.

#### **E- Commerce**

P.S.O.1:-Analyzing the impact of e-commerce on business models and strategy

P.S.O.2:-Recognize and discuss global E- commerce issues.

P.S.O.3:-Analyze the political, social, economic, technological and other configurations that supports cross-border trade.

P.S.O.4:-Apply an understanding of the nature of the multinational firm as institutional structure for the conduct of the cross- border trade and investment.

P.S.O.5:-Analyze the key decisions that multinational firms make in relation to the choice of markets and entry strategies.

### **IWWW**

P.S.O.1:-Develop the skill among student in applications of internet in commerce education.

P.S.O.2:-Understanding the web browsing its functions, student would learn directory.

P.S.O.3:-Explore the ways of programming with different logic then traditional ways.

P.S.O.4:-Designing webpages using scripting languages like HTML.

### **Course Outcomes**

#### **B.com Part-I**

#### **Semester-1**

#### **Course: - Principal of Business Organization**

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

C.O.1:-Study the forms of business organization understand the basic concepts and recent trends in commerce, Trade & business practices. Understand the functioning of trade associations and study the industrialization.

C.O.2:-Explain forms of ownership, including their advantages and disadvantages, identify and explain the domestic and international considerations for today's business environment: social, economic, legal, ethical, technological, competitive, and international and identify and explain the role and effect of government on business.

#### **Course: - Advanced Accountancy**

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

C.O.1:-Learn the Basics of advance Accountancy & record Accounting Transactions in Journal, Ledger Posting, Prepare Trial- Balance and Rectify the Errors if any.

C.O.2:-Learn to keep various type of Subsidy Books like Purchase Book, Sales Book etc. and maintain Various Types of Cash Book.

C.O.3:-Learn to prepare final accounts of individuals.

C.O.4:-Learn Various Methods of Depreciation and Solve Problems on Straight line Method and Reducing Balance Method.

C.O.5:-Prepare all types of Bank Reconciliation Statements. In and all Trying to bring out a good Accountant within themselves. He must be able to find out the profitability of the business, cost efficiency.

#### **Course: - Computer Fundamentals and Operating System**

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

C.O.1:-Learn the concept of Block Diagrams, Input and Output, Concept of Software and types Software.

C.O.2:-Learn the concept of fundamentals of computer, Generations of Computer, Types and Applications of Digital Computer.

C.O.3:-Learn the concept of Memory and type's primary memory and Secondary memory,

C.O.4:-Learn the Inputs and Output Device.

C.O.5:-Get the knowledge of the concept of MS-Word and Formatting Documents.

### **Course: - Business Economics**

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

- C.O.1:-Describe and explain how microeconomics models can be used to consider fundamental economics choices of households and firms.
- C.O.2:-Describe and explain how Government policy influences microeconomics outcomes.
- C.O.3:-Describe and explain how Government policy influences microeconomics outcomes.
- C.O.4:-Interpret and use economics models diagrams and tables use them to analyse economic situation.
- C.O.5:-Be able to evaluate the effects of Law of Demand, Law of Variable Proportion.

### **Semester- 2**

#### **Course: - Principles of Business Management**

On Successful completion of this course students will be able to-

- C.O.1:-Discuss and communicate the management evolution and how it will affect future managers, observe and evaluate the influence of historical forces on the current practice of management and identify strengths, weaknesses, opportunities and threats of information technology for business.
- C.O.2:-Practice the process of managements four functions planning, organizing, leading, and controlling identify and properly use vocabularies within the fields of management to articulate one's own position on specific management issue and communicate effectively with varied audiences.
- C.O.3:-Explain how organization adapt to an uncertain environment and identify techniques managers use to influence and control the internal environment.
- C.O.4:-Evaluate leadership style to anticipate the consequences of each leadership style.
- C.O.5:-Gather and analyze both qualitative and quantitative information to isolate issues and formulate best control methods.

#### **Course: - Financial Accounting**

On Successful completion of this course students will be able to-

- C.O.1:-Prepare Accounts of Non- Trading Institutions.
- C.O.2:-Prepare Accounts of Co-operative Societies.
- C.O.3:-Operate Accounts of Agriculture Farms.
- C.O.4:-Prepare Accounts of Hire, purchases and installment purchase.
- C.O.5:-Understand Law's Insolvency and prepare Accounts of Insolvency of Individuals.

#### **Course: - Computer Fundamentals and Operating Systems**

On Successful completion of this course students will be able to-

- C.O.1:-Understand concept of Operating systems, advantages and disadvantages of operating systems.
- C.O.2:-Get the practical knowledge of UNIX/ Linux MACINTOSH MS- Window Operating Systems command.
- C.O.3:-Understand the concept Memory management techniques, CPU management Data management.

C.O.4:-Understand the concept only regarding modern communication likes fax voice mail, email Tele conferencing and video conferencing file exchange.

C.O.5:-Understand the concept word processing and working with table and graphics using MS word 2007.

**Course: - Business Economics**

On Successful completion of this course students will be able to-

C.O.1:-Be familiar with introductory canonical models of consumer and macro economy.

C.O.2:-Have a basic understanding of the operation of modern economy.

C.O.3:-Be able to evaluate the effects of Governments interventions in individual markets and in the macro economy.

C.O.4:-Analyze operation of markets under varying competitive condition

C.O.5:-Analyze operation of factor pricing.

**B.Com Part-II**

**Semester-3**

**Course: - Company Accounting**

On Successful completion of this course students will be able to-

C.O.1:-This course shall able the students to develop awareness and train them in company Accounting infirmity with the provision of Indian Company Act 1956 and Indian Accounting Standards . Shares knowledge intendent satisfaction.

C.O.2:-Student would learn to prepare Accounting for liquidation of companies-preparation of liquidation Final statement of Account.

C.O.3:-Accounting for amalgamation, absorption and External Reconstruction of companies' calculation of purchase Consideration.

**Course: -Business Mathematics**

C.O.1:-Business mathematics it also help to know the financial formulas fractions.

Measurement, calculation which help to complete business tasks.

C.O.2:-Student would learn to prepare and also solving the problem of percentage as well discount and commission and brokerage.

C.O.3:-It also help to calculating the average and profit and loss problems.

C.O.4:-Apply the principles of simple compound interest to solve relevant problems in financial application

C.O.5:-Calculation of ratio and proportion student will understand the concept of proportion. Solving the problem of direct and inverse proportion.

**Course: - Auditing**

C.O.1:-Auditing is the process of inspection of books of account and also checking all accuracy and reliability of transaction student also understand the all concept as well as types, components of auditing.

C.O.2:-What is the actual system of audit and which system are also apply for auditing as like an internal check system. Routing checking. Verification and valuation of asset and liabilities all though information understand the students

C.O.3:-Understand the selection process of Auditors, auditor's appointment, power, duties and liabilities also.

C.O.4:-Student also get knowledge about audit report, dividend and audit divisible profit.

C.O.5:-Understand the special audit of banking, insurance and Educational institutions.

### **Course: - Monetary System**

C.O.1:-Explains the history money old system of transaction Barter system of transaction Barter system. Explain the concept of money definition and importance of money and which currency we are using for transaction today E-money virtual currency.

C.O.2:-Explaining the concept of value of money supply and demand of money what is the actual position money in human's life. Also explain the theory of money, pro fishers and criticism on fisher's theory.

C.O.3:-Concept of Inflation and deflation and what's the effect of inflation and deflation on markets and resining price of good and services. Explain the concept of trade cycle.

C.O.4:-What is the money market and there meaning, objective, importance, institutions and impact of money market. How to use it and what it need for business sectors and how money market fulfill the short-term loan needs to business activity all though concept are also explain.

C.O.5:-Long-term investment in market is capital market like as shares, bonds explain all though concept of capital market. There structure and components also, what is the role of SEBI, powers and responsibilities.

### **Course: - ITB**

C.O.1:-Understand the use of information technology and data in computing use of data processing.

C.O.2:-Understand the database and Database management system.

C.O.3:-Understand the Advantages of Database management systems and what the management system is.

C.O.4:-Explaining the concept of MS-excel, spreadsheet and spreadsheet basic, editing formatting of worksheet, alignment and more things.

C.O.5:-Understand the introduction of excel, and how to use the formulas, functions and chart in excel.

### **Semester-4**

#### **Course: - Corporate Accounting**

C.O.1:-To give an exposure to the final accounts.

C.O.2:-Explain the final account of fire and accident Insurance company.

C.O.3:-Student would learn to prepare Accounting for liquidation of companies' preparation of liquidators' final statement of account.

C.O.4:-To provide knowledge on goodwill.

C.O.5:-Student understand the meaning of shares also understand the valuation of shares.

#### **Course: - Business Statistics**



C.O.1:-Statistics is the science of Average. Statistics to simply the study of numerical data. Explaining the concept of statistics, type of data, collectors, tabulation and presentation of statistical data.

CO.2:-It helps to calculating the index number

C.O.3:-Statistics also help to solving the Mean, Mode and Median of calculating the average of data, common number in data and middle of number of data.

C.O.4:-Concept of dispersion absolute relative measure of dispersion and skewness

C.O.5:-Statistical thinking approach to solving the problems a co-efficient of correlation and probable error.

### **Course: - Income Tax**

C.O.1:-The amount of money you pay to the government according to how much you earn understand basic concept of income tax. Compute Agricultural income, casual income, assessment year, previous year.

C.O.2:-Compute the Tax liability on various Heads like House Property, income from salary.

C.O.3:-Understand the income from other sources, Deduction and reading to reside individual.

C.O.4:-Understand the power of income tax officer and commissioner and explain the assessment procedure.

C.O.5:-Explaining the return of income, E-filing procedure and filling of from No.16, 10E and concept of what is tax planning Advance tax, PAN, TDS.

### **Course: - Indian Financial system**

C.O.1:-Explain the concept of financial market State the structure, functions and importance of financial system and problems of financial market.

C.O.2:-Student will understand the brief history definitions and nature of banks. Explain the concept E-banking and e- banking instrument as like ATM, Debit and credit card. Concept of core banking and importance.

C.O.3:-Student will also understand the commercial bank there functions and process of credit creations limitations of credit creation commercial bank its role and importance.

C.O.4:-To Introduce the Reserve bank of India to provide the knowledge of reserve bank functions, credit control tools and role of Indian economy.

C.O.5:-Student will provide the idea about stock exchange its meaning and its feature to better understanding the structure and components of stock exchange .Explaining the concept of SENSE.

### **Course: - ITB**

C.O.1:-Understand the use of information technology and use of IT.

C.O.2:-Explaining what is computerized accounting its advantage and limitations.

C.O.3:-Understanding the Accounting software Tally ERP.9.0 what's use of tally and how to use of tally software in business

C.O.4:-Tally is the accounting software creating company, groups, leader and vouchers entry.

C.O.5:-Explaining tally software for reports display of balance sheet all account understand the , IT software for import and export data, backup and restore process. Concept of Indian tax system.

### **B.Com Part III**

#### **Semester-V**

#### **Course: -Accounting**

C.O.1:-Understanding the basic concept cost Accounting, Meaning, features and its limitations.

C.O.2:-Understand the material cost and problems on cost-sheet.

C.O.3:-Demonstrate the labor cost and methods of items keeping, methods of wage payment.

C.O.4:-Student would learn to prepare reconciliation of cost and financial accounts.

C.O.5:-This course students will be explain the concept of process costing its meaning and problems.

#### **Course: - Business Environment**

C.O.1:-Understand the Indian Business Environment, concept, internal and external environment, current trends post Demonetization business environment.

C.O.2:-Understand Indian agricultural environment, NABARD, current trends in Indian agriculture environment kisan credit card.

C.O.3:-Understand Indian Industrial environment its role industrial sickness, industrial policy 2013.

C.O.4:-Concept of Indian service environment growth and present state of IT services, Tourism and hospitality industry and current trends in services.

C.O.5:-Students will also learn the foreign trends environment, FDI and FII and its policy.

#### **Course: -BRFW**

C.O.1:-Apply their Knowledge about Indian contract Act, 1872 what's contract and types of contract and what is the actual definition contract.

C.O.2:-Apply their knowledge on special contract Indemnity and Guarantee, Bailment and pledge, agency, termination of agency.

C.O.3:-Explain the sales of goods Act, 1930 and consumer protection Act, 1986 general principal condition and warranties Transfer of Ownership and concept of consumer protection Act.

C.O.4:-Apply their knowledge about Negotiable Instrument Act 1881 promissory Note, Holder, Acceptance cheque and Bank Draft.

C.O.5:-Student would learn about Goods and services tax Act 2017 what is the GST, power of GST officer rate of GST and about that.

#### **Course: -IWWW**

C.O.1:-Develop skill among students in applications of internet in commerce education. Network, type of network topologies LAN, MAN and WAN.

C.O.2:-Students would understand the Internet FTP, TCP/IP, concept of OSIRM and layer.

C.O.3:-What is the Electronic mail, Gmail, How to create Gmail account and password and concept captcha.

C.O.4:-Understand the (W3c) and website its meaning, portal of meaning address- URL

C.O.5:-Explain the concept of HTML, HTML Organization, creation of HTML, advantage and limitation of HTML. Concept of home page, HTML Basic Tags.

### **Course: - E- Commerce**

C.O.1:-Analyzing the impact of e-commerce on business models and strategy. Basic concept of e-commerce.

C.O.2:-Explain the concept of e-commerce History of internal, Government FDI policy, future of e-commerce.

C.O.3:-Student will understand retail e-commerce concept of (B2C), (C2B), (C2C) online shopping and E-auction

C.O.4:-Student would learn about B2B concept.

C.O.5:-Assess the electronic payment systems.

### **Semester –VI**

#### **Course: - Management Accounting**

C.O.1:-Demonstrate on understanding Management accounting its meaning, feature and its scope. Comparison between management accounting and financial account.

C.O.2:-Explains the Break –Even- Analysis concept, uses and limitation of break-even-analysis.

C.O.3:-Student would understood the Ratio Analysis, problems on P&L account ratio balance-sheet ratio, current ratio proprietary ratio.

C.O.4:-Explaining how on organization develops there master budget.

C.O.5:-Demonstrate knowledge of budgetary control and problems on flexible Budget.

#### **Course: - Economics of Development**

C.O.1:-Describe and explain the economic Development, its concept, and economic growth indicators.

C.O.2:-Student would learn economic growth models Harrod and Domer Models, Theories on Adam smith, Karl Max theory.

C.O.3:-Explaining the concept about the economic growth models vicious circle of poverty Gurnar-Mirdals Theory, Lewis theory and push theory of development.

C.O.4:-Concept about growth, balance and unbalanced, Essentials and criticisms Rodan's approach, Prof. Nark's approach unbalanced economic growth SEZ.

C.O.5:-Understanding Development of capital Human and financial.

#### **Course: - Company Law**

C.O.1:-Apply their knowledge of the law of trusts to establish the presence or absence of tortoise liability and consequences which result. Company Act-2013 type of company duties and liabilities of promoter.

C.O.2:-It also help of incorporation of company article of company, MOA of company prospectus of company.

C.O.3:-Student would learn about share capital of company types of share and debenture, Issue of shares allotment transfer and transmission of share certificate of share and it's Warrant.

C.O.4:-Understand the securities market its brief history stock exchange primary market, D-Mat account also.

C.O.5:-Apply their knowledge about company secretary and company meetings.

**Course: - IWWW**

C.O.1:-Understanding the Web browsing its functions and type of web browsing

C.O.2:-Student would learn about Web Directory Search engines, feature of google, Bing and Yahoo search engines.

C.O.3:-Explaining the social Networking websites its meaning features objective Mobile application, features of mobiles app and google play store and BHIM app

C.O.4:-It help to understand the google drive google forms google classroom.

C.O.5:-Concept of M.S. front pages Express its important features also and concept about creating web pages entering and editing text inserting images symbol labels.

**Course: - E-Commerce**

C.O.1:-Student would learn about Models social model advertising model retail model hybrid model and all model about e-commerce.

C.O.2:-Understand B2C internal marketing its all strategies

C.O.3:-Understand the B2B online marketing and it's all concept.

C.O.4:-Explaining the concept of E-governance objective, G2B, B2G and C2G.

C.O.5:-Explain the E-governance models e-governance in India cooperative Analysis Wider model Critical flow modes E-advocacy model.

# Bharatiya Mahavidyalaya, Morshi

Programme Outcomes (Pos), Programme Specific Outcomes (PSOs) and Course Outcomes (Cos)

## Department of Physics (B.Sc.)

### Programme Outcomes

- PO1 : Offers theoretical as well as practical knowledge about different subject areas in pure science.
- PO2 : Developed scientific outlook not only with respect to science subject but also in all aspects related to life.
- PO3 : Improved strategy communication & execution.
- PO4 : To help students build-up a progressive and successful career in academics & industry.
- PO5 : Working capability as an individual and a team leader.
- PO6 : After higher studies students can join as scientist and do some research for the welfare of mankind.

### Programme Specific Outcomes

- PSO1 : Students are expected to acquire a core knowledge in Physics, including the major premises of classical mechanics, quantum mechanics, electromagnetic theory, electronics, optics, special theory of relativity and modern physics etc.
- PSO2 : Students will demonstrate written and oral communication skill in communicating Physics related topics.
- PSO3 : To create interest in the subject and improve technological aspect through mini projects, projects models, demonstration etc.
- PSO4 : To enhance the student's academic abilities, personal qualities and transferable skills this will give them an opportunity to develop as responsible citizen.
- PSO5 : The ability to use this knowledge to analyse new situations and learn skill and tools like mathematics, engineering and technology to find the solution, interpret the result and make predictions for the future developments.
- PSO6 : To emphasize the importance of physics as the most important discipline for sustaining the existing industries and stabling new ones to create job opportunities at all levels of employment.
- PSO7 : Apply conceptual understanding of the physics to general real world situations.

### Course Outcomes

**Course :** Mechanics, Properties of matter, waves and oscillations.

*After successful completion of the course, the student is expected to.*

- CO1 : Understand the concepts of Kepler's laws of planetary motion and gravitation.
- CO2 : Understand the dynamics of rotating objects i.e. rigid bodies, moment of inertia, and concept of linear and angular momentum, parallel and perpendicular axis theorem.
- CO3 : Learn and understand simple harmonic oscillations, damped harmonic oscillations, and explain the theory of simple pendulum compound pendulum and skater's pendulum.
- CO4 : Know about concept of combination of S.H.M.'s and Lissajous figures, properties, production and application of ultrasonic waves.
- CO5 : Study the properties of elastic bodies and know in terms of elastic constant and different methods to measure elastic constant.
- CO6 : Understand the kinematics of moving fluids, Bernoulli's theorem and surface tension.

**Course : Kinetic theory, thermodynamics and electric current.**

*After successful completion of the course, the student is expected to.*

- CO1 : Know in details kinetic theory of gases, transport phenomenon in gases like transport of mass, momentum and energy.
- CO2 : Become familiar with basic laws of thermodynamics clear understanding about reversible and irreversible process and also working of a car not engine and knowledge of change in entropy.
- CO3 : Understand the liquefaction of gases and the Mo dynamical system, variables and relations.
- CO4 : Have knowledge about motion of charge particles in electric and magnetic fields, working of electron gun, discharge tube, linear accelerator & cyclotron.
- CO5 : Understand basic network theorems and construction and working of Plastic Galvanometer, concept of varying currents.
- CO6 : Explain the concept of alternating current, theory of transformer and energy losses in transformer.

**Course : Mathematical background, solid state electronic devices and special theory of relativity.**

*After successful completion of the course, the student is expected to.*

- CO1 : Understand the mathematical background and laws of electrostatics.
- CO2 : Describe magneto static, Maxwell's equation and pointing rector.
- CO3 : Understand concept of semiconductor physics, Hall effect, semiconductor devices like diode, LED, Reactor diode.
- CO4 : Describe the electronic devices like BJTJ-FET with emphasis on parameters and application of OP-AMP.
- CO5 : Understand special theory of relativity Lorentz transformation, length contraction, time dilation, relativity of mass, mass-energy relation.
- CO6 : Understand the structure of earth, parts of earth - as a planet types and causes of earthquakes, recording of earthquake, radiation in the atmosphere.

**Course : Optics, Acoustics and renewable sources of energy.**

*After successful completion of the course, the student is expected to.*

- CO1 : Understand geometrical optics and theory of interference of light, formation and application of newton's rings.
- CO2 : Study phenomenon of diffraction of light, Fresnel and franc offer diffraction, elementary theory of grating, ray light's criteria for resolution, resolving power of grating.
- CO3 : Understand concept of polarization of light double refraction, Nicole prism, and plane, circularly and elliptically polarised light and blue colour of the sky.
- CO4 : Have gained basic knowledge of laser and construction, working, application of different tunes of laser.
- CO5 : Understand the basic concept of optical fibres, into communication systems.
- CO6 : Have knowledge of the various renewable energy sources like solar energy, wind energy, ocean energy, geothermal energy, hydrogen energy and solar photovoltaic system concept, operating principle and applications.

**Course : Quantum mechanics, atomic and molecular spectroscopy, nuclear physics, hybrid parameters and oscillators.**

*After successful completion of the course, the student is expected to.*

- CO1 : Understand origin of quantum mechanics have gained knowledge about photo electric effect, Compton effect, wave properties of particles, De Broglie's hypothesis, Heisenberg's uncertainty principle, thought experiment.
- CO2 : Have grasped the idea of wave mechanics and gain the concept of Eigen values, Eigen function also understand the concept of Schrodinger's equation and its application.
- CO3 : Understand vector atom model, stern garlick experiment, coupling schemes, optical molecular spectra, properties & application of X-Rays, construction and application of Roman effect.
- CO4 : Have knowledge about Gas-filled Detectors, GM counter, general properties of nuclei, Alpha decay, Beta decay, Pauli's Neutrino hypothesis, nuclear fission and fusion reaction.
- CO5 : Understand hybrid parameters, CE amplifiers, thermal runaway, and Bias stability, classification of amplifiers, frequency response and advantages of RC coupling, noise and distortion in amplifiers.
- CO6 : Understand feedback in amplifier; describe construction and working of various types' oscillator and multi vibrators.

**Course : Statistical mechanics and solid state physics.**

*After successful completion of the course, the student is expected to.*

- CO1 : Understand the relation between microscopic and macroscopic description through statistical mechanics, concept like principle of equal priori probabilities and Boltzmann entropy relation, Maxwell-Boltzmann statistics.
- CO2 : Have a gained knowledge about quantum statistics like Bose-Einstein statistics, Femi-Dirac statistics and their application, also understand concept of bosons & fermions, black body radiation, Fermi function, Fermi energy, Fermi temperature.
- CO3 : Have clear picture of crystal structure and clear understanding about X-Ray knows about crystalline & amorphous material types of lattice, defects in solids.
- CO4 : Understand electrical properties of materials such as electrical conductivity, Fermi energy density of states, band structure, free electron model.
- CO5 : Understand the concept of atomic magnetic moment diamagnetic, paramagnetic, ferromagnetic materials, langevin's theory of diamagnetism & Para magnetism, curies & curie-Weiss's law, Hysteresis & energy loss.
- CO6 : Have knowledge about superconductors & types of superconductor, messier effect, BCS theory, application of superconductors, Quantum size effect, and application of nanomaterial's.

# Bharatiya Mahavidyalaya, Morshi

Programme outcomes & course outcomes :

## Department of Chemistry (B.Sc.)

### Programme outcomes

- 1 To motivate the students to contribute in the development of nation.
- 2 To introduce the fundamental of science educations.
- 3 To help students build up a progressive & successful career in academics & industry.
- 4 Scientific knowledge required to handling complex scientific problems.
- 5 Professional ethics & human values.
- 6 Communication skills & project managements.
- 7 Design & carry out scientific experiments & record the results of such experiments.
- 8 Environmental consciousness.
- 9 To develop interdisciplinary approach among students.
- 10 Explain how chemistry is useful for, social economic & environment problem & issues facing our society in energy medicine & health.

### Course Outcomes

#### B.Sc. PART-I (Sem-I)

*After completion of course students are able to know & understand about*

- 1 Get idea about period properties of elements
- 2 Describe predict properties of elements understand formation of ionic bonding & factors. Attesting ionic bond formations.
- 3 Students understand different properties & effect of electron displacement important chemicals, as reactions, intermediate as well about proportion properties & use at aliphatic hydrocarbons.
- 4 Interpret reactivity & based on that distinguish aromatic, anti-aromatic & None, dramatic compounds able to know the structure of benzene & its electrophilic substitution equation's.
- 5 Characteristic of aliphatic hydrocarbons & their application.
- 6 Students understand aromatic compounds & different reaction mechanism.
- 7 Thermodynamic processes.
- 8 Students are able to learn & understand thermal properties & Laws of heat transfer & dynamics as well as various important concepts.
- 9 Understand limitation of first Law of thermodynamics & second Law of thermodynamics & know the concept of entropy.
- 10 Fundamental assumption of kinetic theory of gasses & understands phase rule & application of phases rule on water system & sulphur system.



### **B.Sc. PART-I (Sem-II)**

*After completion of course students are able to know & understand about*

- 1 Students understand different properties & applications of polarization covalent bodies & hybridization they also know about solvent system & concept of acids & bases.
- 2 Concepts of hybridization & hybridization of different molecules & their geometry.
- 3 Understand requirements of level solvent & classification of solvents.
- 4 Properties of non-acquire solvents.
- 5 Understand methods of formation of phones, ether & epoxide & their reactions catalysed by acid & alkali.
- 6 Halogen derivative of aliphatic & aromatic hydrocarbons.
- 7 Student knows about electrical, magnetic properties & relationship between magnetic moment & number of electrons as well as different important properties of molecule & structure.
- 8 Rate of reaction order of different reaction & effect of temperature on it.
- 9 Identify polar & non polar moles & know paramagnetic & diamagnetic substances.
- 10 Students know about organic quality analysis of important organic compounds & related various technical knowledge as well as know about physical properties of liquids & same chemicals using different apparatus.

### **B.Sc. PART-II (Sem-III)**

*After completion of course students are able to know & understand about*

- 1 Different types of inorganic bonding & important theories.
- 2 Students come to know about MOT & Mo diagram.
- 3 Students are able to perform & understand as well as used of different apparatus for a particular volumetric analysis.
- 4 Principals involved in acid Base & redox titrations.
- 5 They become able to understand preparation, properties, uses, related reaction mechanism about selected aldehyde & ketenes as well as carboxylic acid.
- 6 Identify importance of stereochemistry in organic chemistry & apply the knowledge gained to a variety of chemical problems.
- 7 Different aspects of stereochemistry.
- 8 Identify & understand determination of surface tension, viscosity & effects, of temperature on surface tension & viscosity.
- 9 Student set idea about thermodynamics its, law, electrochemistry, liquid state.
- 10 Students are able to know & handle important industrial instruments & their applications in Diffraacts area to improve, quality, quantity at minimum expenses with safety during applications.

### **B.Sc. PART-II (Sem-IV)**

*After completion of course students are able to know & understand about*

- 1 The principle of extraction of elements is useful in metallurgical process.
- 2 Understand chemistry of transaction elements with reference to electronic configuration, atomic & iconic, size, ionization energy & know about the extraction of elements.
- 3 Define Inner transition elements & know their properties & general principal of medullary.

- 4 Students know about synthesis & education of poly nuclear hydrocarbons, important reactive compounds, They also know about structure & equations of some important carbohydrates.
- 5 Know synthesis of aromatic nitro compounds, amino compounds & diazenium salts & their reactions.
- 6 Student is aware about the glucose & the conversions into fructose.
- 7 Understand colligative properties of dilute solution & know to determination of molecule weight of solute.
- 8 Study of crystalline state, symmetry & difficult Brava is cottices.
- 9 Students acquire knowledge about enromotography, estimation, complexion titration & application of colorimeter & spectrophotometer.
- 10 Students also understand about is action, estimation & important organic compounds.

### **B.Sc. PART-III (Sem-V)**

*After completion of course students are able to know & understand about*

- 1 They understand numen denture & reaction with structure of important organic compounds as well as organometallic compounds.
- 2 Knowledge of CFTC crystal field theory to understand splitters in complexes & factors attesting in eyestalk field splitting.
- 3 Understand key features of co-ordination compounds inducting variety of structures & know the concepts of oxidations numbers, co-ordination number, ligands, chelates, & stability of complex
- 4 Study of different polymers their characteristics.
- 5 Cho study characteristics of dyes & their uses.
- 6 To study characteristics of drugs & their uses.
- 7 Understand meteor cycle compounds, especially about their synthesis, reactivity & application meteor cycle compounds in advanced chemical synthesis.
- 8 La as of photochemistry & study of photochemical reactions.
- 9 Identify the electric & magnetic properties of evaluations & know the spectroscopic techniques, for understanding the atomic structure & structure of molecules.
- 10 To study application of molecule as spectroscopy for structure determination.

### **B.Sc. PART-III (Sem-VI)**

*After completion of course students are able to know & understand about*

- 1 Students know about kinetic aspects of metal complexes analytical methods using, spectrophotometer, colorimeter & paper chromatography they also know about properties inorganic polymers & Bio inorganic properties.
- 2 To know kinetics of exchanges of ligands in the metal complex.
- 3 To distinguish between labile & inert complex.
- 4 Student becomes able to structural determination of organic compounds & important properties regarding NMR & mass spectroscopy.
- 5 Identify structure of compounds by use of electronic spectroscopy & infra-red spectroscopy & know how to interpret spectra.
- 6 To study phenomena of nuclear magnetic resonance spectroscopy & mass spectroscopy.

- 7 Student understands about electro chemical. They also understand about nuclear chemistry regarding models, assumptions, nuclear force, nuclear reactions & characteristics of nuclear fission & fusion & some important application in industries agriculture & medicine.
- 8 Identify inter conversion of chemical energy & electrical energy by knowing electrochemistry & applications of radio isotopes, in industry agriculture, medicine & biosciences.
- 9 Students know about important physical properties such as a photoelectric effect, Compton effect, De Broglie's, equations, uncertainty principle & related other important properties.
- 10 Students become able to handle apparatus with & techniques about estimations & separations about important organic compounds. They also become able to understand principle & handling of conductor, potentiometer & PH meter.

# Bharatiya Mahavidyalaya, Morshi

## Programme Specific Outcomes (PSOs) and Course Outcomes (Cos)

### Department of Botany (B.Sc.)

#### Programme Specific Outcomes

- PSO1: Provide knowledge of the medicinal plants of Melghat region to the students and promote them to use them as earning source
- PSO2: Motivate the Botany students for exploration of Melghat flora
- PSO3: Preserve the rare medicinal plants of the Melghat region
- PSO4: Create recognized laboratory for the students of Botany and provide guidance to the research students
- PSO5: Create awareness about plant propagation
- PSO6: Develop open natural laboratory for the students of Botany

#### Course Outcomes

##### Course: Diversity and Applications of Microbes and Cryptogams

- CO1: Study of cryptogamous plants and their diversity in aquatic ecosystem
- CO2: To study the role of fungi in food industry
- CO3: Diversity of fungi in forest ecosystem
- CO4: Investigation on diversity of bryophytes and pteridophytes
- CO5: Industrial value of aquatic algae, fungi.

##### Course: Gymnosperm, Morphology of Angiosperms and Utilization of plants

- CO1: To bring investigation on paleobotanical study in India
- CO2: Taxonomical and economical study of gymnosperms
- CO3: Systematic study of plants and their classifications
- CO4: Phytitaxonomical study of angiosperm
- CO5: Economical importance of spices, timber and Bamboo

Course: Angiosperm systematic, anatomy and embryology

CO1: Exsitu and insitu conservation of flora in forest ecosystem

CO2: Role of anatomy in classification of plants and their phylogeny study

CO3: Role of embryology in classification of plants

CO4: Plants systematic and their classifications

Course: Cell biology, Genetics and Biochemistry

CO1: Role of cell biology and its function

CO2: Role of genetics in plant classification

CO3: To study the biochemistry of plants

CO4: Role of enzymes in Industries

Course: Plant physiology and Ecology

CO1: To study the physiological characters of wild and cultivated plants

CO2: To study the role of environmental factors on photosynthesis

CO3: Ecological and environmental study of flora in forest ecosystem

CO4: Investigation the effects of environmental factors in trends in succession CO5: Food chain and food web in ecosystem

Course: Molecular biology and biotechnology

CO1: Role of DNA and transposable elements in plants

CO2: Concept of gene

CO3: Tools and techniques of recombinant DNA technology

CO4: Cloning vectors

CO5: Gene transfer techniques

CO6: Tissue culture techniques

CO7: Fermentation technology- Bakery and alcohol production

CO8: Health care edible vaccines

CO9: Plant kingdom in detail

CO10: Diversity of Plants with respect to habitat, nutrition and ecological status.

CO11: General knowledge about Viruses

CO12: Understood what is TMV and HIV CO13: Basic knowledge of Bacteria

CO13: Role of microbes in Agriculture, Medicine, and industry.

## Department of Zoology (B.Sc.)

### Programme Specific Outcomes

- PSO1 : Provide knowledge about evolution and ecology.
- PSO2 : Motivate the zoology students about aquaculture.
- PSO3 : Provide knowledge about animal physiology and economic zoology.
- PSO4 : Provide knowledge about non-chordate and chordate.
- PSO5 : Create awareness about fossils and importance of fossils.

### Course Outcomes

#### Course : Life and diversity of non-chordate & cell and developmental Biology

- CO1 : Study of classification of non-chordate.
- CO2 : Provide knowledge about placenta in mammals.
- CO3 : Study of life cycle of various parasites.
- CO4 : Study of prokaryotic and eukaryotic cell.
- CO5 : Study of various human diseases.

#### Course : Life and diversity of chordate and concept of evolution & advanced genetics and animal ecology.

- CO1 : Study of classification of chordate
- CO2 : Provide knowledge about various endocrine glands in mammals.
- CO3 : Study of genetic disorders, genetic diseases and syndromes in humans.
- CO4 : Provide knowledge about ecosystem.
- CO5 : Study of proto chordate.

#### Course : Animal physiognomy and economic zoology & molecular biology, Biotechnology.

- CO1 : Provide knowledge about recombinant DNA technology.
- CO2 : Study of agricultural pastes and locally available fishes.
- CO3 : Provide knowledge about polymerase chain reaction (PCR), southern, northern, western blotting techniques.
- CO4 : Provide knowledge about systems in the body and their physiology.
- CO5 : Study of apiculture, sericulture and aquaculture.

# Bharatiya Mahavidyalaya, Morshi

## Programme Specific Outcomes (PSOs) and Course Outcomes (Cos)

### Department of Mathematic (B.Sc.)

#### Programme Specific Outcomes

- PSO1 : Student will demonstrate on understanding of common body of knowledge to develop strategies to solve mathematical problems in a range of relevant areas.
- PSO2 : Develop the ability to read, understand and use basic definition in linear and abstract algebra and real analysis and be able to prove simple consequence of this definition.
- PSO3 : Several specialized areas of advanced mathematics and it's applications.
- PSO4 : Understand the nature of mathematical proofs and be able to write clear and concise proofs.
- PSO5 : Transfer of appropriate knowledge and methods from one topic to another within the subject.
- PSO6 : Investigate and solve unfamiliar maths problems.
- PSO7 : Criticize mathematical arguments developed by themselves and others.
- PSO8 : Students are encouraged to develop intestinal and become involved with professional organization.
- PSO9 : Formulate problems in appropriate theoretical frame works to facilitate their solution.
- PSO10 : Communicate mathematical ideas both orally and in writing.

#### Course Outcomes

##### Course : Algebra and Trigonometry

*On completion of the course, students are expected to be able to.*

- CO1 : Introduction and explanation of matrices, Rank, Eigen values and Eigen vectors, Carly - Hamilton theorem etc.
- CO2 : Understanding the concept of quaternion.
- CO3 : Learn about de mover's theorem, Circular and Hyperbolic functions.
- CO4 : Understand the concept of summation series, Gregory series, Euler's series, Machines series, and Ruther ford's series.
- CO5 : Find the Corrientes of quadratic equations by using relation between roots and Corrientes of equations.

## B.Sc. PART-I (SEM-I)

### Course Outcomes

#### Course : (Differential and integral calculus)

*On completion of the course, students are expected to be able to.*

- CO1 : Solve the problem on integration.
- CO2 : Have full knowledge of calculus involving the fundamental tools such as continuity and differentiable.
- CO3 : Find whether the function is continuous or not.
- CO4 : Find nth derivative of product of two functions using Leibnitz's theorem.
- CO5 : Classify functions into continuous and discontinuous function.

#### Course : Differential equations : Ordinary and Partial

*On completion of the course, students are expected to be able to.*

- CO1 : Students will be introduced to the complete solution of a non-homogenous differential equation with constant Corrientes by the method of undetermined Corrientes.
- CO2 : Understand the importance of ordinary and particle differential equations.
- CO3 : Compatible differential equations. Char pit's general method of solutions, partial differential equations of second and higher orders. Homogeneous and non-homogeneous equations. With constant coefficients.
- CO4 : Students will be able to find the complete solution of differential equation with constant Corrientes by variation parameters.
- CO5 : Understand the niece ossify of differential equations and learn second order linear differential equation.

## B.Sc.- PARTI (SEM-II)

### Course Outcomes

#### Course : Vector analysis and geometry

*On completion of the course, students are expected to be able to.*

- CO1 : Memorize definition of directive and gradient and illustrate geometrical meaning with the aids of sketches.
- CO2 : Calculate directional derivatives and gradient.
- CO3 : Apply gradient to solve problems involving normal vectors to level surfaces.
- CO4 : Memorize theorem relating directional derivative to gradient and reproduce proof.

#### Course : Advanced calculus

*On completion of the course, students are expected to be able to.*

- CO1 : Understanding gauss and stokes theorem.
- CO2 : Determine if an infinite series is convergent or divergent by selecting the appropriate test from the following a) Test for divergence b) Integral test c) P-Series test d) Comparison test e) Alternating series test f) Ration test g) Root test h) Absolute convergence test



- CO3 : Minima and maxima of two variables, Lagrange multipliers method, Jacobians.
- CO4 : Determine if geometric series is convergent or divergent.
- CO5 : Study sequences and series of real function.

## B.Sc. PART-II (SEM-III)

### Course Outcomes

#### Course : Elementary number theory

*On completion of the course, students are expected to be able to.*

- CO1 : Learn methods and techniques used in number theory.
- CO2 : Demonstrate knowledge and understanding of topics including but not limited to divisibility, prime numbers, congruence, quadratic reciprocity, Diophantine equations.
- CO3 : Write problems / functions to compute number theoretic functions.
- CO4 : Use mathematical induction and other types of proof writing techniques.
- CO5 : Students are able to effectively communicate mathematics.

#### Course : Modern algebra, group and rings

*On completion of the course, students are expected to be able to.*

- CO1 : Know definition of homomorphism, isomorphism, natural homomorphism.
- CO2 : To know about ideal, quotient and polynomial rings.
- CO3 : Homomorphism and isomorphism fundamental theorem on homomorphism of a group, natural homomorphism, second isomorphism theorem, third isomorphism theorem.
- CO4 : Extend group structure to finite permuted group.
- CO5 : Understand the structure of ring and integral domain.

## B.Sc. PART-II (SEM-IV)

### Course Outcomes

#### Course : Classical Mechanics

*On completion of the course, students are expected to be able to.*

- CO1 : Knowledge of Hamilton's principle.
- CO2 : An understanding of the calculus of variation.
- CO3 : Knowledge of D'Alembert's principle and Lagrange's equation of motion.
- CO4 : Apply Kepler's laws to solve the problems.

#### Course : Mathematical analysis

*On completion of the course, students are expected to be able to.*

- CO1 : Understand purpose and functions of the gamma and beta functions.
- CO2 : Metric spaces, neighbourhood, limit point, interior point, open and closed sets, Cauchy sequences, completeness.
- CO3 : Understanding continuity and differentiability of complex function.
- CO4 : Improper integrals and their convergence, beta and gamma function.
- CO5 : Students will have a working knowledge of differentiability for complex functions and be familiar with the Cauchy - Riemann equations.

## B.Sc. PART-III (SEM-V)

### Course Outcomes

#### Course : Mathematical Methods

*On completion of the course, students are expected to be able to.*

- CO1 : Students will have full knowledge of Legendre's equation.
- CO2 : Understand Fourier series.
- CO3 : The students are expected to learn Bessel's equation, generating function for in (X), and storm liouville boundary value problem.
- CO4 : Apply Laplace transform to solve ordinary and partial differential equations.
- CO5 : To understand Fourier transforms.

#### Course : Linear Algebra

*On completion of the course, students are expected to be able to.*

- CO1 : Identify and construct linear transformation of a matrix.
- CO2 : To gain knowledge of inner product space.
- CO3 : To understand theorems on basis and climes ion.
- CO4 : Characterize a set of vectors and linear systems using the concept of linear independence.
- CO5 : Vector space: Linear transformations dual spaces inner product spaces modules its definition, example and properties.

## B.Sc. PART-III (SEM-VI)

### Course Outcomes

#### Course : Special theory of relativity

*On completion of the course, students are expected to be able to.*

- CO1 : Use tensor notation in relativity theory.
- CO2 : Compute basic quantities in differential geometry.
- CO3 : Analyse Einstein's field equations.
- CO4 : Have knowledge about cosmological models.
- CO5 : Report some experimental tests of general relativity.

# **Master of Art**

## **Subject- Political Science**

### **Program Outcomes**

P.O.1:- Develop the ability to use critical, analytical and reflective thinking and reasoning. Reflect social and ethical responsibilities in his/her professional life. Gain experience and confidence in the dissemination of project/ research outputs.

P.O.2:-Work responsibility and creatively as an individual or as a member or leader of a team and in multidisciplinary environments. Communicate effectively by oral, written, graphical and technological means and have competency in political science subject.

P.O.3:-Independently reach and acquire information and develop appreciation of the need for continuously learning and updating. Begin to grasp historical evolution and contemporary character of world politics.

### **Program Specific Outcome**

P.S.O.1:-Understand the world, their country, their society, as well as themselves of ethical problems, social rights, duties, values and responsibility to the self and to others.

P.S.O.2:-Understand different discipline from natural and social sciences to mathematics and art and develop inter disciplinary approaches in thinking and practices.

P.S.O.3:-Information in human values like equality fraternity liberty in the society and Intellectual growth, scientific temper awareness to the students.

P.S.O.4:-Understand and follow changes in patterns of political behavior idea and structures.

### **Program Objectives:**

M.A. in Political science aims to prepare students for further study or for careers in government, non-governmental organizations and the private sector. The program provides the students with a rigorous conceptual framework, basic analytical tools, research method and methodological training in the discipline. Along with major field of political science, concentrations are offered in Middle Eastern and European Politics as well as Normative Political Theory, Political Thought, Foreign Policy, International Politics and Contemporary international phenomenon in politics.

### **Course Outcomes**

#### **M.A. Part – I**

#### **Semester –I**

#### **Paper – I (Political Thought in Modern India)**

C.O.1:-Raja Ram Mohan; Liberalism, critique on religion .Views on Individual freedom, law and judicial system.

C.O.2:- Mahatma Gandhi; Ahinsa, Satyagrah, Trusteeship and Ramrajya.

C.O.3:-Dr. Babasaheb Ambedkar: Liberalism, Parliamentary and Social Democracy, State Socialism and Economic Socialism. Liberty, Equality, Fraternity and Social Justice.

C.O.4:-Jawaharlal Nehru: Foreign Policy, Secularism, Democracy and Socialism.

C.O.5:-Dr. Panjabrao Deshmukh: Views on Education, Views on agriculture, Views on Caste Eradication.

### **Paper – II (Indian Government and Politics)**

C.O.1:-Background of the constituent Assembly, Preamble of the constitution Fundamental Rights, constitutional amendment –process and major amendment 42<sup>nd</sup>, 44<sup>th</sup>, 62<sup>th</sup>, 73<sup>rd</sup>, 74<sup>th</sup>, and 86<sup>th</sup>.

C.O.2:-Supreme Court: Judicial Activism and Judicial Review, Electoral process, Electoral behavior and Electoral Reformation.

C.O.3:-Issues in Indian Politics: Caste, Religion, Regionalism and Language  
Critical assessment; success and failures.

### **Paper – III (Public Administration)**

C.O.1:-Meaning, nature and scope of public administration .evolution of public administration as a discipline new public administration, private administration and public administration.

C.O.2:-Major approaches and methods of public administration: Ecological approach. Decision approach, development administration approach, political economy approach system approach.

C.O.3:-Organization and its basic problems, formal and Informal organization, basic of Organization, unit of organization. Principles of Organization: The line unit, and the staff unit hierarchy, span of control, Integrated and Disintegrated system, centralization and decentralization.

C.O.4:-Bureaucracy: Meaning, types, Importance in Public Administration of civil service, Modernization of bureaucracy.

### **Paper – IV (Theories of International Relations)**

C.O.1:-International Relations: mining, nature, scope, Development Importance, Theories of International Relation: Realistic Theory, Game Theory and pluralistic Theory:

C.O.2:-The concept of National power: Its Constitutes and limitation, the struggle for power: As status Quo, Imperialism and as Prestige.

C.O.3:-The management of national power: Balance of power, collective security and cooperative security, changing nature for national power.

C.O.4:-Diplomacy: meaning, nature kinds and function of diplomats.

C.O.5:-Disarmament and arms control: Meaning, Merits – Demerits and Importance, CTBT, MPT, And PNE,

C.O.6:-Concept of Non-Alignment: Bases, Role and Relevance, New International Economic World Order.

## **Semester-II**

### **Paper: I (Political Thought in Modern India)**

C.O.1:-Mahatma Jyotiba Fule: Views on Education, Views on Farmer Economy, views on peasants, social reform.

C.O.2:-Vinayak Damodar Sawarkar: Revolutionary Internationalism, Social Reform Movement, Views on Untouchability.

C.O.3:-M.N. Roy: Internationalism, Communalism and New Humanism.

C.O.4:-Ramaswami Periyar: views on social Political system Rationalism, Unity in diversity, self-respect movement.

C.O.5:-Rashtra Sant Tukadoji Maharaj: Nationalism, social Political system, Humanism, Concept of Universal and Village.

### **Paper – II (Indian Government and Politics)**

C.O.1:-Directive principles of state policy: Social, Economic, Political and International

C.O.2:-Nature of Indian Federalism – Unitary, Co- operative, Sarkariya Commission, Centre – State Relationship: Legislative, Administrative and Financial, Role of Governor.

C.O.3:-Religious communities and secular politics, Linguistic, Regional, Naxalism Development

C.O.4:-Issues in state politics – Demand of state autonomy, Demand for creation of new states, Inter-state water disputes.

C.O.5:-Parliamentary Democracy, its meaning and process

### **Paper – III (Public Administration)**

C.O.1:-Budgeting: The machinery financial administration, principles of budget Making, Importance of budget in administration.

C.O.2:-Administrative Accountability: Legislative and Judicial, control over administration, control on public administration, of political parties, public opinion and pressure groups their impact on policy making.

C.O.3:-Personnel Administration: Recruitment, Training, Promotion, and Administrative Leadership.

C.O.4:-Public Administration in the age of Globalization, Liberalization Impact of Information Technology on Public Administration.

C.O.5:-Governance: Good Governance, Transparency and Accountability Right to Information, Grievance Redressal Institution: Ombudsman, Lokpal and Lokayukta.

### **Paper – IV (Theories of International Relation)**

C.O.1:-End of cold war world: Meaning, factors leading to the end of cold war, Unipolarity and diffusion in regional power centers.

C.O.2:-North- South dialogue and south – south dialogue and their major issues Gender Issues: Theories, Conference and Impact of world politics.

C.O.3:-Globalization: Meaning nature, its advantage and disadvantage, Role of WTO, Liberalization and its changing nature of state.

C.O.4:-Environmental Issues: Environmental degradation as global concerns its effect, steps taken for environmental protection at international level Stockholm to Paris.

C.O.5:-Terrorism: Meaning, factors with give rise to terrorism, Types of terrorism, Effects of terrorism on International Politics, Human Rights: Meaning, nature and UDHR, critically examine of Human Rights.

## **M.A. Part – II**

### **Semester - III**

#### **Paper – I (western Political Thought and Theory)**

C.O.1:-Classical Political Thought: Plato: Idea state: concept, character, nature communalism: of property and women.

C.O.2:-Aristotle: Theory Of state, classification of state, Theory of slavery and revolution.

C.O.3:-Social contract: Thomas Hobbes: human nature, Theory of state, John Locke: nature of state social, contract Theory, Jeans Jacques Russell: nature of state, contract Theory.

C.O.4:-Utilitarianism: Jeremy Bethan: Principle of Utilitarianism, Prison Reforms, views on government J.S. Mill principle of Utilitarianism, liberty, Freedom, of action.

#### **Paper- II (Research methodology)**

C.O.1:-Scientific research method: Meaning, Definition Characters of Research and Problem of objectivity in social science Research.

C.O.2:-Problem of objective in social science Research, The importance utility of social research.

C.O.3:-Meaning, Definition Characters of Research, Problem of objectivity in social science Research, The Importance and utility of social Research.

C.O.4:-Importance and utility of social Research, Research Philosophical, Historical, Psychology Statistical.

C.O.5:-Focusing on a Research topic: Definition Research topic, source of Research topic a research focus.

C.O.6:-Hypothesis: meaning definition Characteristics sources Types of Hypothesis.

#### **Paper-III (Diplomacy and Indian Foreign Policy)**

C.O.1:-The meaning Nature, Scope of social research Diplomacy methods of Diplomacy, Types of Diplomat.

C.O.2:-Recruitment and training of Diplomat power and function of Diplomat, Quantities of Diplomat.

C.O.3:-“Consuls” Meaning and Nature, Grade of consuls, functions of consuls.

C.O.4:-Foreign Policy Meaning and Nature, Objective of Indian Foreign Policy signification of Indian Foreign Policy.

C.O.5:-Process of making Foreign Policy; Role of Executive

C.O.6:-Role of parliament, Role of Political parties and media.

#### **Paper- IV (International law and International organization)**

C.O.1:-International law: (A) Meaning and Nature. (B) Scope and Source (C) Codification of International law.

C.O.2:-Subject of international law; (A) Right of states (B) Duties of State (C) Recognition of state (D) State Intervention.

C.O.3:-The laws of war: (A) International Disputes (B)Effect of War (C) The Enemy Character (D) Doctrine of Postliminium.

C.O.4:-International Organization: (A) Meaning and Nature (B) Scope and Significance (C) Objectives of International Organization (D) Classification of International Organization.  
C.O.5:-Development of International Organizations: (A) International Thought For peaceful life. (B) Development of International Organization (Before League of Nations (C) International Administrative Unions (D) Arbitration

#### **Semester –IV**

##### **Paper – I (Western Political Thought and Theory)**

C.O.1:-Democratic Socialism: (A) Harold J. Laski: Theory of Rights, Liberty and Property (B) Betrand Rusell: Views on liberty and socialism.  
C.O.2:-Behaviouralism: (A) David Eston: Political system, social change (B) Gabriel Almond: Civic culture, Views on Religion  
C.O.3:-Political Theory: (A) Definition, meaning, Nature, scope and significance (B) The decline and end of political theory  
C.O.4:-Political Concepts: (A) Power: meaning and nature (B) Authority: Definition, Types (C) Legitimacy: Meaning and sources.  
C.O.5:-Perspectives on State: (A) Definition and elements of state (B) Sovereignty: Meaning, definition, characteristic and theories.

##### **Paper – II (Research Methodology)**

C.O.1:-The Research Design: Meaning, and importance, characteristics of research design, kinds of research design.  
C.O.2:-Data processing and analysis; Statistical techniques of data analysis, Use of computer and IT.  
C.O.3:-The sampling techniques: Definition, basic principles, merits and demerits.  
CO.4:-Data Collection: (a) Observations (b) Interviews (c) Questionnaire (d) Schedule.  
C.O.5:- (1) Analysis and Interpretation of Data (2) S.P.S.S. (Statistical Program of Social Science) (3) Problem of Measurement in social research  
C.O.6:- (1) the Case Study: Meaning, Types and Importance (2) Report Writing and Thesis Writing.

##### **Paper – III (Diplomacy and Indian Foreign Policy)**

C.O.1:-The Foreign Affair Departments: Role and Importance, Embassy; Role and Important Relation between foreign affair department and embassy.  
C.O.2:-Role and Diplomat at United Nations, Globalization: Impact of diplomat, critical examine of diplomat.  
C.O.3:-Phase of Indian Foreign Policy: The Liberal phase Nehru and Non Alignment Era .The Realist phase- Smt. Indira Gandhi Era,  
C.O.4:-Phase of Indian Foreign Policy: The Neo – Liberal phase – Shri. P.V. Narsimha Rao – Era, Shri. Atal Bihari Vajpayee – Era and Dr. Manmohan Singh- Era.  
C.O.5:-Concept and Dynamics of National Security, Threat Perception, power projection, Nuclear Policy.

## **Paper – IV (International Law and International Organization)**

C.O.1:-Terrorism and International Law: Meaning, nature and terrorism, working methods of terrorism, Legal control of law on terrorism, Measures to remove terrorism.

C.O.2:-International Court of Justice: Organization of the International Court of Justice, Jurisdiction of International Court, Practical success of the International court of Justice, Importance of International Law.

C.O.3:-The Laws of Neutrality: Neutrality; Its characteristics and kinds, Right and Duties of Neutral States Right of Angary, Violation of Neutrality, Blockade

C.O.4:-Nature of League of Nations: Convenient of the League of Nations Aims of League of Nations, the League Secretariats.

## **Subject- History**

### **Program Outcomes**

After Completion of the program the student should be able to know:

P.O.1:-Student able to adequate conceptual base of history and better understanding of history and its force.

P.O.2:-Student enable to research in the terms of form formulating hypotheses and develop board frames of interaction with other social science and attain level of interdisciplinary approach.

P.O.3:-Critically recognize the Social, Political, Economic and Cultural aspects of History

P.O.4:-Student able to Evaluates, analyze and synthesize historical materials (Primary and secondary sources)

P.O.5:-Student understand to evaluate and recognize different Empire in the Indian history.

P.O.6:-Student enable to understand historical materials efficiently and effectively integrate and use of historical information to accomplish a specific purpose.

### **Program Specific Outcomes**

On completion of the M.A History student are able to:

P.S.O.1:-Understand background of our religion, customs, institutions, administration and so on.

P.S.O.2:-Understand the present existing social, political, religious and economic conditions of the people.

P.S.O.3:-Analyze relationship between the past and the present is lively present in the history.

P.S.O.4:-work as a tourist guide and historical and religious places.

P.S.O.5:-Jobs in Government: Policy analysts, government historians, intelligence analysts, museum curators, administrative and programs specialist, communication specialists.

P.S.O.6:-work as teacher in school, high school and assistant professor in college.

P.S.O.7:-Prepare for various types of Competitive Examinations.



P.S.O.8:-A History student can find employment with Archaeological Survey of India.

P.S.O.9:-The study of history helps to impart moral education.

P.S.O.10:-History install the feeling of patriotism in the hearts of the students.

P.S.O.11:-Think and argue historically and critically in writing and discussion.

## **Course Outcomes**

### **M.A. Part-I**

### **Semester - I**

#### **Paper I (Historiography)**

C.O.1:-Study the scope and purpose of history.

C.O.2:-Student understand the ancient, Medieval Tradition in history writing.

C.O.3:-Student understand the importance of Rewriting of History.

C.O.4:-Student understand Different approaches of history writing.

C.O.5:-Student understand Western, Arabic and Persian History writing.

C.O.6:-Student know the source of history.

C.O.7:-Student know external and internal Criticism.

C.O.8:-Increased the knowledge of research in history.

C.O.9:-Practically student known to how much write history.

#### **Paper II (Ancient India (Up to 606 A.D.))**

C.O.1:-Understand the salient features pf Indus valley civilization.

C.O.2:-Student will be able to know history of Vedic Period.

C.O.3:-Evaluate the features of the Buddhism and Jainism.

C.O.4:-Student will be able to illustrate the development of Empire.

C.O.5:-Visualize the administration of Mauryans and the art and architecture of Mauryas.

C.O.6:-Identify the administration of Guptas their contribution to Nalanda University.

C.O.7:-Understand the history of Satvahanas, Kushans.

#### **Paper III (India under the sultanate (2006 to 1526 A.D.))**

C.O.1:-Understand the foundation of Delhi Sultanate and the Sultanate administration.

C.O.2:-Graphs territorial expansion of sultanate in period.

C.O.3:-Recognize the social, economic and religious condition under Vijaynagar Empire.

C.O.4:-Recognize the social, economic and religious condition under Brahamni Empire.

C.O.5:-Identify the condition of India under the sultanate period.

C.O.6:-Know the system of Trade and Commerce during the period of Sultanate.

C.O.7:-Student should learn condition of women during the Sultanate period.

C.O.8:-Student should learn about Bhakti Movement and Sufi Movement during the Sultanate period.

#### **Paper IV (Modern World (1871 to 1945 A.D.))**

- C.O.1:-Realize the causes and result of French Revolution and the achievement of Napoleon Bonaparte.
- C.O.2:-To know the efforts of Bismark for unification of Germany.
- C.O.3:-Student gained knowledge about political history of Modern world.
- C.O.4:-Understand the causes and result of the First World War.
- C.O.5:-Evaluate the Russian revolution and the first experiment of the communist government.
- C.O.6:-World trend of thinking, Marxist, Communalism, Dictatorship and Imperialism etc. introduced to student.
- C.O.7:-Acquire knowledge about 20<sup>th</sup> century world.

### **Semester - II**

#### **Paper I (Trend and Theories of History)**

- C.O.1:-Student got knowledge of History Writing theory.
- C.O.2:-History Writing trends in the world introduce to student.
- C.O.3:-Learn the contribution of eminent Foreign Historians.
- C.O.4:-Analyze the contributions of Indian Historians.
- C.O.5:-Highlights the importance of Research Methodology in history.

#### **Paper II (Ancient India (606 to1206 A.D.))**

- C.O.1:-Know about the Vardhan Empire and patronage to Buddhism.
- C.O.2:-Know about Cholas, Pallavas and Chalukyas.
- C.O.3:-Understand the history of Gurjaras, Pratiharas and Palas.
- C.O.4:-Understand the history of Rashtrakutas and Yadawas.
- C.O.5:-Understand emergence of feudal system in Indian society.
- C.O.6:-Student should learn condition of women during the post Vardhan period.
- C.O.7:-Know the system of Trade and Commerce during the post Vardhan period.
- C.O.8: -Student will able to learn about Literature, Arts and Architecture.

#### **Paper III (India under the Mughals (1526 to1707 A.D.))**

- C.O.1:-Identify the condition of India under the Mughal Empire
- C.O.2:-know about Babar, Akbar, Jahagir, Shah Jahan & Aurangzeb.
- C.O.3:-Grasp the Mughal concept of divine theory of kingship & state.
- C.O.4:-Explain the administrative set up of Mughals.
- C.O.5:-Know the system of trade and commerce during the period of Mughals.
- C.O.6:-Student should learn condition of women during the Mughal period.
- C.O.7:-Know the education system of Mughal period.
- C.O.8:-Student should learn political, social, economic & religion in Mughal period.

#### **Paper IV (Contemporary World (1945 to2000 A.D.))**

- C.O.1:-Understand the Importance of world peace right after the World War II.

C.O.2:-Understand how Russia and America emerged as superpower s on the verge of cold war.

C.O.3:-To enabled the student with the post- World War II scenario and to enable them to understand contemporary world from the historical perspective.

C.O.4:-Student understand the progress in science and technology.

C.O.5:-Understand the Globalization and its economic and political impact.

C.O.6:-Student understand the formation of European Union.

## **M.A. Part-II**

### **Semester III**

#### **Paper I (History of India (1757 to 1947 A.D.))**

C.O.1:-Evaluate Consolidation of English Power in India.

C.O.2:-Student will be able to analyze social background of Indian Nationalism.

C.O.3:-Understand about the socio – religious movement in 19<sup>th</sup> century.

C.O.4:-State the role of Moderates and Extremists in Freedom movement.

C.O.5:-Comparison of National movement – Pre Gandhian and Post Gandhian Era.

C.O.6:-Understand the Evolutionary processes of constitutional development.

C.O.7:-Understand the various phases of the National Movement.

C.O.8:-Grapes the details of freedom movement under the Mahatma Gandhi's leadership.

C.O.9:-To learn about status of women in modern India.

#### **Paper II (History of Marathas (1600 to 1707 A.D.))**

C.O.1:-Understand the inspiration behind the establishment of Swarajya.

C.O.2:-know about Chhatrapati Shivaji's conflicts with the regional lords and the outsiders.

C.O.3:-to know the importance of grand coronation of Chhatrpati Shivaji.

C.O.4:-Asses the Chhatrapati Shivaji's invasion on Karnatka.

C.O.5:-Understand the formation of welfare state during the Maratha rule

C.O.6:-Understand the industrial and agricultural aspects of chhatrapati Shivaji's regime.

C.O.7:-Know about the Administration, Military organization and judicial system during Maratha rule.

C.O.8:-Understand the religious policy of Shivaji Maharaj and Sambhaji Maharaj.

#### **Paper III (Women in Indian History)**

C.O.1:-To promote an understanding of the processes of changing status and development of Indian women in the past.

C.O.2:-Students will be able to explain the Socioeconomic, cultural and Political background of women in Indian society.

C.O.3:-Students will understand the importance of the status and rights of women in society.

#### **Paper IV (History of Social Movement in Maharashtra (1848 to 1980 A.D.))**

C.O.1:-Students should trust in the equality of man irrespective of caste, sect, religion, and color.

C.O.2:-Students should learn to believe in the ideas of religious toleration.

C.O.3:-students will understand the importance of social reformers in Indian society.

C.O.4:-Students will be able to explain the Socioeconomic, cultural and Political background of Maharashtra.

### **Semester - IV**

#### **Paper I (Post Independent India (1947 to 2000 A.D.))**

C.O.1:-Recognizes the integration of Indian state and Sardar Vallabai Patel's effort for this.

C.O.2:-Asses the salient features of the Constitution of India.

C.O.3:-Examine the internal and external policy of Jawaharlal Nehru, Lal Bahadur Shastri and Indira Gandhi.

C.O.4:-Recognize the role of planning commission, five year plans and the development of science and technology in India.

C.O.5:-Identify the contemporary challenges like terrorism, liberalization, privatization and globalization.

C.O.6:-Know about the National Political Parties in India.

#### **Paper II (History of Marathas (1707 to 1818 A.D.))**

C.O.1:-Understand the importance of the Maratha history in 18<sup>th</sup> century.

C.O.2:-Asses the circumstances under which rise of the Peshwas took place.

C.O.3:-Understand the policies adopted by early Peshwas.

C.O.4:-Explain the circumstances of the Maratha power after the battle of Panipat.

C.O.5:-Know the reason of political disintegration of the Marathas.

C.O.6:-Understand the nature of the Anglo-Maratha relations.

C.O.7:-Understand the central and provincial administration of Maratha under the Peshwas.

#### **Paper III (Indian Women since Independence)**

C.O.1:-Understand the status of women in post independent period.

C.O.2:-Student should learn Feminist Movement in post independent period.

C.O.3:-Student will be able to know women participation in sport, science and technology.

C.O.4:-Student will be able to know women participation in financial activities.

C.O.5:-Student will be able to know women participation in political power.

#### **Paper IV (Social Reformers of Maharashtra (1848 to 1980 A.D.))**

C.O.1:-Student able to know about social reformer and educator in Maharashtra.

C.O.2:-Student able to know the women status, cast system and untouchability in Maharashtra.

C.O.3:-The creation of national awakening among the masses.

C.O.4:-The creation of the feeling of sacrifice, service and rationalism.

C.O.5:-A sense of equality, indigenization and co-existence of cultural and religion.

## **Master of Commerce**

### **Program Outcome**

P.O.1:-To provide a systematic and rigorous learning and exposure to Banking and Finance related disciplines.

P.O.2:-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.

P.O.3:-To acquaint a student with conventional as well as contemporary areas in the discipline of Commerce.

P.O.4:-To enable a student well versed in national as well as international trends.

P.O.5:-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.

P.O.6:-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 Outcomes**

#### **M.com Part-I Semester-I**

#### **Managerial economics**

P.S.O.1:- To integrate the basic concepts of economics with tools of mathematics and statistics in order to analyze and make optimal business decisions.

P.S.O.2:- The Student come to know to take proper decisions in organization and day to day activities. The paper teaches all about decision making.

P.S.O.3:- Understanding the economic goals of the firms and optimal decision making. Understanding the reason for existence of firms.

#### **Advanced financial and cost Accounting**

P.S.O.1:- To develop the decisions making skill through costing methods and practical application of management accounting principles.

P.S.O.2:- Student are enabled with the Knowledge in the practical applications of accounting.

P.S.O.3:- Providing the knowledge about difference between financial accounting and cost accounting.

### **Service Marketing**

P.S.O.1:- Developing a brief knowledge about Service marketing, its marketing mix and how peoples importance in service marketing

P.S.O.2:- Developing the services vision and mission. To analyze the customer focused services.

P.S.O.3:- Student studied the specific service marketing.

### **Banking and Insurance services**

P.S.O.1:- The program provides comprehensive training to students in the fields of banking, insurance and other related financial services by way of interaction, project, presentations, industrial visits, practical training, job orientation and placements.

P.S.O.2:- Providing the knowledge about various types of deposits and know the various type document related with banks.

## **Semester-II**

### **Accounting for Managerial decisions**

P.S.O.1:- Student will learn relevant managerial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.

P.S.O.2:- It also help the students to compare the financial statements and financial analysis.

### **Strategic Management**

P.S.O.1:- Understand the strategic decisions that organizations make and have an ability to engage in strategic planning.

P.S.O.2:- Integrate and apply knowledge gained in basic courses to the formulations and implementation of strategy from holistic and multifunctional perspectives.

P.S.O.3:- Students learn to use strategies and skills in management of time and organization.

### **MCOB**

P.S.O.1:- Knowledge of society, culture and skills examine the role of consumers as purchasers and users of goods and services using various theories and models of consumer behavior.

P.S.O.2:- Develop comprehensive strategic and tactical plans for an organization.

### **Computer applications in business**

P.S.O.1:- Identify the basics of information technology and apply software applications to enhance efficiency of business functions. Create efficiency of business functions.

P.S.O.2:- This course will prepare students to develop software in and for Linux environments.

P.S.O.3:- Get practical experience of web designing.

P.S.O.4:- To introduce student with accounting packages like tally. To developed skill and knowledge among students in applications of internet in education of commerce.

## **M.com Part-II Semester-III**

### **Research Methodology**

P.S.O.1:- This paper helps the students to understand the research techniques, sampling etc. in business research.

P.S.O.2:- Student will be able to higher education and advance research in the fields of commerce and finance.

P.S.O.3:-It also fulfill the bank requirement of business research. To evaluate various research decisions and familiarize report writing.

### **Statistical Analysis**

P.S.O.1:- The objective of this papers to provide an understanding for the graduate business student an statistical concept to include measurement of location and dispersion, probability, probability distributions sampling, estimation, hypothesis testing, regression and correlation analysis.

P.S.O.2:- Students will be able to understand basic theoretical and applied principles of statistics needed to enter the job force.

P.S.O.3:- Student will be able to communicate key statistical concepts to non-statisticians. Student will gain proficiency for data analysis.

### **E- Commerce and legal security**

P.S.O.1:- This paper empower the student to access e- commerce requirement of a business and development E-plants, also they learn about security analysis.

P.S.O.2:- Growth in entrepreneurship skill of the student economics

P.S.O.3:- Use supply of demand curves to analyze the impact of taxes etc. on consumer surplus and market efficiency.

P.S.O.4:- Analyze cause and consequences of on employment inflection and growth Business Environment.

### **Corporate tax planning and management**

P.S.O.1:- The student can understand income tax systems properly and learn to assess the income tax of person according to income tax provisions.

P.S.O.2:- To develop quality consultant in taxation area. To encourage the students to undertake higher studies and research in taxation with new policy.

P.S.O.3:- Be able to calculate and understand GST, CGST and IGST.

P.S.O.4:- Become the ability to find various levels of taxation in income and to suggest tax payer effectively and efficiently.

P.S.O.5:- Become proficiency in using information technology and accounting tools in taxation process.

## **Semester-IV**

### **Entrepreneurship and skill development**

P.S.O.1:- Enable students to understand project formulation, entrepreneurship development, awareness on various Entrepreneurship skill development programs knowledge of

entrepreneurial skills and to make the students understand the approaches to attain the goals of the business.

### **International financing**

P.S.O.1:- To provides the opportunity for student to develop critical understanding of current policy debates on regional integration and globalization.

P.S.O.2:- To acquaint the student with the conceptual framework of the key decision areas in international finance.

### **Sales and distribution management**

P.S.O.1:- This course student should be understand and appreciate the diverse variable affecting the sales and distribution function.

P.S.O.2:- Should be able to develop sales and distribution plans and also able to link distribution with other marketing variables

### **Co – operative Management**

P.S.O.1:- This course also equip the student with the right knowledge and tools to manage the co-operative societies.

P.S.O.2:- It also mobilize the human skills, processes, as well as financial and technological resources so that the companies' goals can be reached and student studied it.

### **Course Outcomes**

#### **M.com Part-I**

#### **Semester I**

#### **Paper-I (Managerial Economics)**

C.O.1:- Knowledge about managerial economics its concept, role and responsibilities fundamental principal.

C.O.2:- Analysis theory of demand related aspect such as law of demand, elasticity of demand and consumer choice in various to take proper decision in actual business situation.

C.O.3:- Analysis theory of production its function economics and dis-economics short and long cost functions explaining the law of variable proportions law of supply cost and managerial decision.

C.O.4:- Explain the concept of price determination characteristics of different market structure monopolistic competition price-discrimination.

C.O.5 :- Concept of business cycles, Nature and phases, theories of business cycles, Inflation, its characteristics, type and effects of inflation.

#### **Paper-II (Advanced financial and cost Accounting)**

C.O.1:- Introductions of accounting books and final account journal entries know about valuation of good will and shares.

C.O.2:- Student understand the final account financial statement of company's amalgamation and absorption of companies.

C.O.3:- Providing knowledge about various type cost accounting its meaning importance typical problems on ascertainment of total cost net profit and selling cost.



C.O.4:- Student understand on cost ascertainment and classification allocation of on cost special revenue items machine revenue item Machine Hour rate operating costing.

C.O.5:- Providing knowledge about process costing, Job and contract accounting, cost Audit.

### **Paper-III (Service Marketing)**

C.O.1:- Introduction of service marketing its nature, type knowledge about services marketing triangle difference between services and goods marketing micro and macro environment and customer expectation and perception.

C.O.2:- knowledge about services marketing process.

C.O.3:- Student understand service marketing application, valuation of goodwill and shares, Accounting standard.

C.O.4:- Student understand the customer relationship management its types reasons and attribute and determinants of relation exchange.

C.O.5:- Knowledge about developing managing relationship and its strategies.

### **Paper-IV (Banking and Insurance services)**

C.O.1:- On though subject knowledge about Bank, its function features, structure knowledge about commercial bank and all services of commercial bank.

C.O.2:- Knowledge about R.B. I. and co-operations banks its function, policy and role in economic development of the country.

C.O.3:- Explain the concept of Insurance its Nature Scope procedure and all process of insurance policy.

C.O.4:- Understanding student insurance policy, life insurance, Marine, Crop livestock insurance and other formats of insurance cover.

C.O.5:- Explain the concept of legislation of life and general insurance in India and working and function of IRDA, IDBI, IFCI, ICICI and IBRD.

## **Semester II**

### **Paper-I (Accounting for Managerial decisions)**

C.O.1:- Introduction of management account for managerial decision and role and responsibilities, analysis and interpretation of financial statement and ration analysis.

C.O.2:- Analyzed and interpret financial statement by recognize fund flow statement cash flow statement.

C.O.3:- Understanding the student standard costing, cost control method and knowledge about analysis of variance its meaning importance, relevance of variance analysis to budgeting and standard costing.

C.O.4:- Explain concept of marginal and costing and break-even analysis.

C.O.5:- Understand various types of budget which are essential for managerial decision for fix and flexible budget problem of cash and flexible budget and knowledge of reporting to management.

### **Paper-II (Strategic Management)**

C.O.1:- To enhance decision making abilities of students in situation of uncertainty in dynamic business environment concept of strategy its objective, goals, approaches, mission and functional levels.

C.O.2:- Knowledge about environmental analysis and diagnosis, concept of environment SWOT analysis, control – nature, process and techniques.

C.O.3:- concept of strategy formulation and choice modernization and diversification about disinvestments and liquidation, factor affecting strategic choice.

C.O.4:- Student understand the functional strategies marketing policies production policies personal police and financial policies.

C.O.5:- Concept of implementation of Evaluation of strategies its issues interrelation between formulation and implement in and strategic control.

### **Paper-III (MCOB)**

C.O.1:- Explaining the concept of school management and though scientific process of school management its contingency theory and functions of manager.

C.O.2:- Understanding the concept of managerial function planning organizing.

C.O.3:- Student understand the individual behavior how to react on actual marketing services and any of the sectors concept of attitudes perception personality learning and motivation.

C.O.4:- Understand the group behavior meaning of group dynamics, types and principle centered approach to team development.

C.O.5:- To acquaint student with organizational behavior, resolution of conflict, diagnosis change and communication.

### **Paper-IV (Computer applications in business)**

C.O.1:- Introduction of modern information technology and all Networks and concept of World Wide Web internet browsing and exploring the concept of operating systems.

C.O.2:- Understand the concept of word processing spread sheets and presentation with power- point.

C.O.3:- Introduction to accounting packages how to maintain the account entry in tally books maintaining the inventory records and all accounts.

C.O.4:- Introduction of statistical packages for analysis in research- Excel, SPSS.

C.O.5:- Concept of c- language its history variables and rules of variables and decision making and looping

## **M.Com Part-II Semester III**

### **Paper-I (Research Methodology)**

C.O.1:- This course aims at making students conversant with the basic principle and theoretic concept of the research and guide them in them in their applications so the students will be able to write project report course.

C.O.2:- Recognize the student about process of research that is formulations of hypothesis and research design its meaning type and concept also.

C.O.3:- Concept of data collection sources, sampling, technique observation, interviews questionnaire and Questionnaire schedule secondary sources of data collection.

C.O.4:- Analysis and interpretation of data which are required for assessing particular situation, coherence language, interpretation and references

C.O.5:- To enable students learn the process of researches report its meaning designing, construction, coherence language, interpretation and references.

### **Paper-II (Statistical Analysis)**

C.O.1:- The objective of this course is to make the student learn the application of statistical tools and techniques for decision making co-relation and regression analysis regression equations, regression co-efficient

C.O.2:- Concept of sampling and data collection.

### **Paper-III (Corporate tax planning and management)**

C.O.1:- This course aims at making student conversant with the corporate assessment identify tax liability, income exemption from income tax for companies describe various deduction from income in computation of total income of company and income from house property, set off and carry forward of losses.

C.O.2:- Introduction of tax management concept of tax planning tax avoidance and tax evasions and problems on computation of total income of companies.

C.O.3:- Demonstrate tax planning for new business tax planning and financial management decisions managerial decisions.

C.O.4:- Demonstrate special tax provisions which is free trade zone, infrastructure sector and backward areas and tax incentives for exporters.

### **Paper-IV (E- commerce and legal security)**

C.O.1:- Introduction of e-commerce its concept difference between e-commerce and traditional commerce its needs feature and trading systems knowledge about internet concept and technologies business models of e-commerce and infrastructure.

C.O.2:- Concept of B2c in e-commerce what the actual process of b2c and its order scheduling order selection and payment made also Understand the concept of web-site design push pull technologies and alternative methods of customer communication.

C.O.3:- Understand the business to business in e-commerce. EDI services one thing is that e-business and internet protocols concept

C.O.4:- Assess electronic payment systems and knowledge about multimedia and e-commerce

C.O.5:- Recognize the security issues in e-commerce and regulatory and legal frame work of e-commerce the objective of this course is enable student to gain knowledge about e-commerce and various component.

## **Semester IV**

### **Paper-I (Entrepreneurship and skill development)**

C.O.1:- Concept of entrepreneurship its meaning type affecting factors of entrepreneurship and one more thing intellectual property.

C.O.2:- Explaining the entrepreneurial support its policies type of policies business plan, rural entrepreneurship, women entrepreneurship.

C.O.3:- Understand the startup enterprises project identification its formulation and selection, entrepreneurial finance.

C.O.4:- Understand the entrepreneurial skill and communication skill and personality development.

C.O.5:- Concept about the Techniques in personality development, self-motivation and entrepreneurial skill development.

### **Paper-II (International Financing)**

C.O.1:- Understand the concept of international financing its Nature and scope. Merging challenges and responsibilities of manager objectives of the firm. International finance v/s Domestic finance.

C.O.2:- Explain the concept of international flow of fund, structure of balance of payment, equilibrium, disequilibrium and adjustment, concept account convertibility.

C.O.3:- Understand the Development in international monetary system.

C.O.4:- Concept of global financial markets

C.O.5:- Student will understand World Bank concept. Student knows what the international finance corporation is and also understand Asian development bank and international monetary fund.

### **Paper-III (Sales and distribution management)**

C.O.1:- Introduction about sales management and sales origination its meaning objective and nature also.

C.O.2:- Student will learn the concept of salesmanship and sales territory definition. In the course student will learn the sales promotion and management of sales force.

C.O.3:- Student will get information about sales force motivation compensation sales quotas, selling Budget, sales audit and cost analysis.

C.O.4:- Concept of sales distribution and distribution audit.

C.O.5:- Understand the warehousing and inventory control, wholesaler's transportation and retailing.

### **Paper-IV (Co- operative Management)**

C.O.1:- Introduction about co-operation its principles and characteristics importance and origin.

C.O.2:- Concept of working and functions of co-operative societies.

C.O.3:- Explaining the concept of sugar factories of Maharashtra, State co-operative bank, District central co-operative bank and student consumer societies.

C.O.4:- Student also learn government policy co-operation S.B.I, N.C.D.C and Co-operative bank and Co- operative education training.

C.O.5:- Student should learn the brief history of co-operative legislation in India.