#### Programme Outcomes

**B.A. PASS COURSE**

* The students acquire knowledge in the field of social sciences, literature and humanities which make them sensitive and sensible enough.
* The B.A. graduates will be acquainted with the social, economic, historical, geographical, political, ideological, and philosophical tradition and thinking
* The programme also empowers the graduates to appear for various competitive examinations or choose the post-graduate programme of their choice.
* The B. A. program enables the students to acquire the knowledge with human values framing the base to deal with various problems in life with courage and humanity.

#### B. COM. PASS COURSE

* The B. Com. graduates would be able to acquire basic and fundamental knowledge, and skills for doing business and commercial activities of their choice.
* The programme also empowers the graduates to appear for various competitive exams or choose a profession of their choice such as CA, CS, ICWA, MBA, M.Com, etc.
* The programme enables the students to acquire accounting knowledge, management principles, retail trading, banking and insurance transactions, business economics, and financial management.
* The students also acquire knowledge in the field of management accounting, corporate accounting, statistical and mathematical techniques, and knowledge relating to corporate law and business laws.
* The students become capable of doing a business of their choice or choosing a profession or can become employees having basic knowledge and skills required for such activities.

**COURSE OUTCOMES**

**B.A. English Compulsory**

1. The first semester of B.A. contains certain essays having inspirational contents about the scientific and mythological concepts about origin of universe culture development, scientific facts and the scope of moral and ethical learning. The students have a lot of opportunities to develop spoken and writing skills.

2. The second semester of B.A. in the subjects of English contains stories which offer the opportunity to interact with like in different phases of like and have a training of cultural and economic strategies. There is also the opportunity to development grammatical skills and write effective applications.

3. The third semester contains the section of poetry which offers the learners to know the various forms of poetry and stanzas along with different poetic styles of the poets of different ages. The learners can develop their aesthetic and didactic taste.

4. The fourth semester contains one act plays which provide the opportunities of understanding the post and present societies with all their merits and demerits which provide the opportunity to cope with the age.

5. The fifth semester has an assessment of Indian writing in English and various techniques of writing and socio, Political and economic history of Indian and the impact of Gandhian Ideology on Indian freedom movement.

6. Sixth semester contain knowledge of various religious contlicts and the various techniques of drama writing. It offers the opportunities to gather the strength to fifth against injustice.

**B.A. Hindi Compulsory.**

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| --- | --- | --- |
| **Class (कक्षा )** | **Course (पाठयक्रम )** | **OUTCOMES (Student will be able to शिक्षण के उद्शेय**  |
| **बीए प्रथम वर्ष** **प्रथम सेमेस्टर**  | 1 **मध्यकालीन काव्य कुंज** 2**. हिंदी साहित्य के इतिहास का आदिकाल**3. **काव्य के तत्व और विधि रस**  | **कबीरदास,सूरदास,तुलसीदास, आदि संत व् भक्त कवियों की कविताओ का अध्ययन करना****हिंदी साहित्यके इतिहास का आदिकाल**  **सामाजिक,आर्थिक, सांस्कृतिक और राजनीतिक परिस्थितियों के संदर्भ में साहित्य को समझाना****काव्य के आधारभूत तत्व जैसे- रस, अलंकार,गुण तथा शब्द शक्ति को समझना इतिहास में स्त्री की स्थिति समझ सकेगे** **भक्तिकाल की धाराओं के सम्पूर्ण साहित्य और उसकी विशेषताओ को समझना** **विद्यार्थयो में भाषिक व् साहित्यिक समझ और हिंदी भाषा और साहित्यि के प्रति अभिरुचि का विकास करना****आधुनिक हिंदी कवियों से परिचित कराना****रीतिकाल के आधार को समझना तथा रीतिबद्ध,रीतिसिद्ध और रीतिमुक्त कवियों से परिचित कराना** **आधुनिक तकनीक का हिंदी में प्रयोग करने में सक्षम हो सकेंगे** **प्रख्यात हिंदी कथाकारों की कहानियो से विद्यार्थियों को परिचित कराना** **हिंदी साहित्यके इतिहास के आधुनिक गद्य काल को सामाजिक,आर्थिक, सांस्कृतिक और राजनीतिक परिस्थितियों के संदर्भ में समझाना****विद्यार्थियों को प्राप्त सैद्धांतिक ज्ञान को व्यवहारिक रूप में प्रयोग करने के लिए अभिप्ररित करना****समकालीन हिंदी कवियों से परिचित कराना** **हिंदी साहित्यके इतिहास का आधुनिक काल** **सामाजिक,आर्थिक, सांस्कृतिक और राजनीतिक परिस्थितियों के संदर्भ में साहित्य को समझान****विद्यार्थियों को आदर्श पत्र लेखन तकनीक तथा पत्रों के विविध प्रकारों का ज्ञान कराना** **नव्यतर गद्य विधाओं से विद्यार्थी परिचित हो सकेंगे****हरियाणवी साहित्य के विविध विधाओ से विद्यार्थी परिचित हो सकेंगे** **प्रयोजनमूलक में हिंदी के अर्थ, अवधारणा, महत्व और पत्रकारिता के विभिन रूपों को समझने में सक्षम बनाना** |
| **बीए प्रथम वर्ष** **द्वितीय सेमेस्टर**  | **1.ध्रुवस्वामिनी नाटक** **2. हिंदी साहित्य के इतिहास का भक्तिकाल****3. व्यवहारिक हिंदी व् भाषा का स्वरूप**  |
| **बीए द्वितीय** **वर्ष तृतीय** **सेमेस्टर** | **1.आधुनिक हिंदी कविता** **2. हिंदी साहित्य के इतिहास का रीतिकाल** **3. प्रयोजमूलक हिंदी हिंदी कंप्यूटिंग व् अनुवाद**  |
| **बीए द्वितीय****वर्ष चतुर्थ सेमेस्टर**  | *1.कथाक्रम* *2. हिंदी साहित्य आधुनिक गद्य काल**3. परिभाषित शब्दावली* |
| **बीए तृतीय वर्ष****पंचम सेमेस्टर**  | *1. समकालीन हिंदी कविता* *2. हिंदी साहित्य के इतिहास का आधुनिक काल* *3. प्रयोज मूलक हिंदी पत्र लेखन संक्षेपन व् पल्लवन*  |
| **बीए तृतीय वर्ष** **षष्ठम सेमेस्टर**  | 1. गद्य गौरव *2. हरयाणवी भाषा और साहित्य का इतिहास* *3. प्रयोजनमूलक हिंदी पत्रकारिता*  |

**B.A. Psychology**

**B.A. (Semester-I) Paper: Introduction to Psychology**

* Main objective is to have an insight towards the basic nature, concepts and principles related to general psychology.
* To familiarize students about the Nature, History and Emergence of Psychology in addition to various methods of Psychology.
* Acquaintance with various Sensory Processes and role of various psychological perspectives related to Perception.
* To provide knowledge about various psychological aspects related to Emotion, Motivation, Personality and Intelligence.
* Main aim of practical paper is to develop and transform the knowledge that students have gained from theory classes into real laboratory conditions. Students will be benefited through learning by doing various practicals related to aspects of general psychology that they have learned in theory classes.

**B.A (Semester-II) Paper: Experimental Psychology**

* Main objective is to enable students to have an understanding about the basic concepts related to some important cognitive processes, such as Attention, Learning, Memory and forgetting; Problem Solving and creativity.
* To introduce the students about some basic different statistical methods such as frequency distribution, graphical presentation of data and measures of central tendencies.
* Main aim of practical paper is to develop and transform the knowledge that students have gained from theory classes into real laboratory conditions. Students will be benefited through learning by doing various practicals related to cognitive aspects that they have learned theoretically.

**B.A (Semester-III) Paper: Social Psychology**

* Main objective of this course/paper is to introduce the students about our/human behavior in individual conditions, in group conditions and various other psychological aspects that are related to social environment/conditions such as Social Psychology, Socialization, Group and social norms; Leadership.; Attitude; Prejudice and Stereotypes; Prosocial behavior and Aggression
* Students will be benefited through learning by doing various practicals related to various aspects of social behavior that they have learned in theory classes.

**B.A (Semester-IV) Paper: Developmental Psychology**

* Main objective of this course/paper is to develop an understanding about various aspects related to human growth and development from various psychological perspectives like perceptual, motor, cognitive and emotional development from the germinal period till death.
* Enable students to understand the aspects related with Human Development.
* Acquaintance with developmental perspectives related with prenatal stage, infant and childhood.
* To familiarize students with different concepts related with Adolescence and Adulthood development.
* To develop some advanced understanding about the statistics from the earlier knowledge that students had gained during second semester about different statistical methods such as Measures of variability- Standard deviation and quartile deviation.
* Main aim of practical paper is to develop and transform the knowledge that students have gained from theory classes into real laboratory conditions. Students will be benefited through learning by doing various practicals related to human development.

 **B.A. (Semester-V) Paper: Abnormal Psychology**

* Main objective of this paper is to familiarize students about the human behavior that is considered as abnormal and to develop a basic understanding about various types of abnormal behavior, how to diagnose such behavior, causes responsible for such behavior and ways of treatment.
* To develop the basic understanding about Abnormality/Psychopathology.
* Acquaintance with the need for classification system, classification methods and various methods of assessing abnormal behavior.
* Basic understanding about various aspects related to Anxiety disorders, phobic disorders, Substance abuse disorders, Mood disorders and Schizophrenia.
* Main aim of practical paper is to develop and transform the knowledge that students have gained from theory classes into real laboratory conditions. Students will be benefited through learning by doing various practicals related to various disorders /abnormal behavior.

 **B.A (Semester-VI) Paper: Applied Psychology**

* Application of psychological knowledge may have better outcomes for human life. Main objective of this paper is to have a general understanding about the application of various psychological principles, research findings and knowledge into our daily life which is focused on positive growth and enhancement of human well being.
* To develop basic understanding about concepts related to Applied Psychology and Organizational Psychology.
* Acquaintance with concepts related to Guidance and Counseling.
* To familiarize students with Health Psychology and the role of psychological aspects related with Health and illness.
* To introduce students with the applied value of psychological aspects in relation to law and courtroom
* Enable students to understand Statistical aspects related with Correlation
* Students will be benefited through learning by doing various practicals related to applied psychology.

 **B.A. Geography**

 The syllabus of geography for undergraduate course has been divided into six semesters through which different theories and practical papers have taught to the students to enhance their knowledge about subjects.

**Semester 1st Geography**

* During 1st semester theory paper of ***Geography of India*** and practical paper Map and Scales teaches to the students. The basic objectives of theory paper are to develop the comprehensive understanding of the geographical profile of India.
* The roll of geographical attributes in determining social and economic structure of country has very much significant.
* The overall outcome of this course is to enable the students to enhance the basic understanding about physical and cultural features of our country.
* Whereas if you talk about practical paper, this course aimed to provide the basic understanding of particular technique of drawing, cartograms, maps to show various natural and socio- economic attributes of a region.

**Semester 2nd Geography**

* The knowledge of ***Physical Geography-I*** has been given to students during 2nd semester.
* The main objective of this course is to introduce the students the basic and fundamental concepts of physical geography and geomorphology.
*  In this semester practical paper Representation of Physical Features has been introduced aiming with to provide basic understanding about structure of Topographical maps and representation of geographical features through various techniques on maps to students.

**Semester 3rd Geography**

* ***Climatology and Oceanography*** are two important branches of Physical geography have been taught to the students during this semester.
* The major objectives of this course is to enhance the basic understanding about structure of atmosphere and its circulation, weather, climate and other associating phenomena.
* The origin movements and configuration of oceans are also covered in this semester.
* Where as in practical paper Representation of climate data, the students would be unable to acquaint themselves about the different instruments to measuring various weather elements and methods to represent them on the plain paper.

**Semester 4th Geography**

* During 4th semester the theory paper ***Human Geography*** has been introduced and the main aim of this course is to acquaint the students with basics of human geography- nature of man environment relationship and human capability to adopt and modify the environment under its various conditions from primitive life style to modern living; to identify and understand environment and population in terms of their quality and spatial distribution pattern and to comprehend to contemporary issue facing global community.
* In practical paper Map Projection, the students have to enable to understand various methods of map making and types of map projection. Map projections are necessary for accurate transformation of 3-D surface.
* The basic aim of this course it to develop basic understanding of maps and selection of suitable projection for them.

**Semester 5th Geography**

* In their 5th semester, students have to learn about ***Economic Geography***, one of the major branches of human geography.
* The main objective of this course it to introduce the students about basic concepts of economic geography, types of economic activities and its determinants, various recourses which were used by human being through various methods and means.
* Where as in practical paper, distribution maps and diagrams, the main objective of this course is to provide the students about basic understanding and representation of map making for the distribution of various geographical elements.

**Semester 6th Geography**

* The theory paper, ***Introduction to Remote Sensing, GIS and Quantitative Methods*** has been introduced in last semester of UG course.
* The aim of this course is to introduce the students to modern technology i.e., remote sensing its basic concepts and digital satellite imageries, data set and their application.
* The students have to learn different statistical methods that will be very fruitful for them. In practical paper the aim of this course is to acquaint the students about aerial photograph and satellite imageries, their process and methodology and also familiarize the students with importance of field work in geography, its type and related requirement and procedure.

**B.A. History**

Through history, we can learn how past societies, systems, ideologies, governments, cultures and technologies were built, how they operated, and how they have changed. The rich history of the world helps us to paint a detailed picture of where we stand today. Keeping in view of the importance of our discipline our institution is following the subject pattern prescribed by MDU, Rohtak. In which Indian history, regional history (history of Haryana) and world history are being taught and trying to develop a comprehensive approach among the students towards societies important aspects.

**Major topics in syllabus of history ( B.A.)-**

* BA History B.A (Sem-I): History of India (from earliest times -1200 A.D.), Sources of ancient India, Harppan civilization, Vedic Age, Religious movements, Mauryan and Gupta Empire.
* B.A (Sem-II): History of India (1200 A.D. to 1707 A.D.),Delhi Sultanate, Mughal Empire, Administrative Institutional, Bhakti movement, Sufi movement.
* B.A (Sem-III): History of India (1707 A.D. to 1947 A.D.),Disintegration of Central authority, Revolt of 1857,Indian cultural renaissance, British land revenue policy, National freedom movement(1885-1947),Constitutional Development 1909 to 1935.
* B.A (Sem-IV) : History of Haryana(from earliest times to 1947 A.D.),sources of Haryana, Kurus, Yaudhyas and Agras, Revolt of 1857,Arya Samaj, Freedom movement in Haryana.
* B.A (Sem-V) : Ancient and Medieval world, Pre-Historic cultures, Bronze age civilization, Iron Age, Federalism, Islamic world, Reformation
* . B.A (Sem-VI) : Mercantilism and beginning of capitalism, Industrial and Agricultural Revolution, French Revolution, First and Second world war.

## BA (Political Science)

**(Sem-01) PAPER: Indian constitution**

* It is very useful for the competitive exams like UPSC, HPSC
* We get the knowledge of fundamental duties & rights.
* We also get the information about Union, state executives, legislature & judiciary.

**(Sem-02) PAPER: Indian Politics**

* We get to know about our elections & EVM machines.
* We found the information about our MLA‟s & MP‟s jobs & responsibilities.
* It‟s also important to know about the roles & responsibilities of our state & central ministers.
* Useful in competitive exams.
* **(Sem-03) PAPER : Principles of Political Science –I**
* Get the knowledge of state, its elements, origin & its development.
* Found the information regarding the distinction between state & society.
* It also provides the information about sovereignty, its nature & kinds.

**(Sem-04) PAPER: Principles of Political Science –II**

* We get to know about right to information and consumer protection.
* Also get the knowledge of nation, nationalism & citizenship.
* Find the information about rights, liberty & equality.

**(Sem-05) PAPER 5 : Comparative Politics**

* We get to know about the voting behavior of country.
* It provides us the information about structural functions & political development approaches.
* Also find the knowledge about constitutionalism.
* **(Sem-06)PAPER: Comparative constitutions of UK & USA**
* Students get to know about the comparative study of US & USA for their government & constitutions.
* We get to know about the rules of Govt. making in other countries like US & USA.
* We can get comparative elements of constitutions of US & USA.
* Useful in competitive exams as well.

### B.A 1st Computer Complusory Education level-1 (Annual )

* Students should be able to understand the basic concept of MS-Office, Be able to gain knowledge on the basic functions to be performed using a computer and to Know in detail the various area of MS word and MS Excel.
	+ Understandthe concept ofinputandoutputdevicesof Computersandhowitworks.
	+ Understand the concepts ,structure, types and design of operating Systems.
	+ Understand the concept of Data Communication, its Modes, its Forms and Data Communication Channels.
	+ Understand evolution of internet, its application and its basic services.
	+ Recognize when to use each of the Microsoft Office programs to create professional and academic documents.
	+ Create and design a word document for general office use.
	+ Students will have a working knowledge of paragraph formatting, macro and mail-merge in MS-Word.
* StudentwillabletounderstandtheconceptofinputandoutputdevicesofComputersandhowitworks.
* StudentwillbeabletorecognizewhentouseeachoftheMicrosoftOfficeprogramstocreate professional and academic documents.
* Student will be introduced to create and design a spreadsheet for general office use.
* Students will have a working knowledge of basic functions and formulas in MS-Excel.

**B.A. Economics**

**B.A. 1st Semester Paper: Micro Economics**

* + - Demonstrate understanding of basic concepts of Micro Economics.
		- Analyze the Consumer’s behaviour through different approaches.
		- Carry Out the consumer’s behaviour under different types of goods.
		- Demonstrate the Concept of Production function i.e.to analyses the economic behaviour of producer and Concept related cost and revenue.

**B.A. 2nd Semester Paper: Micro Economics**

* + - Explain the behaviour of producer and consumer in different types of market structure.
		- Critically assess the theories and model related to market.
		- Explain the concept of cost and how it affects firm’s decision.
		- Explain the theory of factor pricing.

**B.A. 3rd Semester Paper: Macro Economics**

* + - Demonstrate the basic concepts of macroeconomics and its various variables.
		- Carry out the accounting of national income using various methods.
		- Understand the determination of national income in various sectors of economy.
		- Understand about various school of thoughts related to macroeconomics.
		- Explain Conceptual knowledge about Investment and its various theories.

**B.A. 4th Semester Paper: Macro Economics**

* + - Demonstrate the basic understanding about Money Demand and its related concepts.
		- Explain about Money Supply and role of Central bank.
		- Carry out the analysis of Monetary Policy of India.
		- Explain the theory of trade cycles.
		- Understand Fundamental knowledge of BOP and Foreign Exchange.
		- Explain the concept of Inflation and how it affects economy.
		- Analyze the theories of public expenditure and taxation.

**B.A. 5th Semester Paper: Development Economics**

* + - Understand the concepts of economic, economic growth and sustainable development.
		- Explain the methods of measuring economic inequality and poverty.
		- Analyze the economic contribution of some classical economists in growth theories.
		- Understand the implacability of some very critical growth models in economic development so far.
		- Understand and compare some growth models with each other for some betterment of economic growth models.
		- Explain the concept of environmental pollution and environmental legislations in india.

**B.A. 6th Semester Paper: International Economics**

* + - Explain the role of technological progress in a country.
		- Explain balanced and unbalanced model of development.
		- Understand the concept of international trade. Theory of international trade, Concept of BOP and Foreign Exchange.
		- Understand the concept of exchange rate and exchange control.
		- Critically Evaluation of International Organization i.e. IMF, WTO, IBRD BRICS.

***B.A. Mathematics COURSE OUTCOMES***

#### B.A.-1 (Semester-1)

**CO -1: Algebra:**

* Work with matrices and determine if a given square matrix is invertible, system of equations, eigen values and eigen vector.
* Algebra is faster and basic maths.
* It reinforces logical thinking and may be a job skill later.

#### CO-2: Calculus:

* Calculus the language of motion and change.
* It is used in analysing a system.
* Find an optional solution.
* Calculate definite integrals that may involve logarithms, exponentials, polynomials and powers by using fundamental theorems of calculus.
* This paper deals with asymptotes, curve tracing and quadrature.

#### CO-3: Solid Geometry:

* To Study the application of 3D figure.
* To get Basic Knowledge about cone, parabola, hyperbola, ellipse etc.
* It is useful for vision.
* It leads to simpler computation of connectivity, within and between objects, and can be implemented more readily on a parallel architecture.

#### B.A.-1 (Semester-II)

**CO-1: Number Theory and Trigonometry:**

* Define and interpret the concepts of divisibility, congruence, greatest common divisor, prime factorization.
* Number theory is famous for generating easy-to-ask, hard-to-answer questions and that is one reason for its popularity.
* Nurture problem solving skills, thinking and creativity.

#### CO-2: Ordinary Differential Equations:

* Evaluate first order differential equations including separable, homogeneous, exact and linear.
* Create and analyse mathematical models using higher order differential equations to solve application problems.
* Recognise ODE‟s and System of ODE‟s concepts that bare encountered in the real world, understand and be able to communicate underlying mathematics involved to help another person gain insight into the situation.

#### CO-3: Vector Calculus:

* Calculate line integrals along path, fundamental theorem of line integrals, greens theorems, stoke theorems and divergence theorems.
* Vector calculus is concerned with differentiation and integration of vector field.
* It is used extensively in physics and engineering, especially in the description of electromagnetic fields and fluid flow.

#### B.A. II (Semester-III)

**CO-01: Advanced Calculus:**

* Continuity, uniform continuity and mean value theorems of function of one variables.
* Limit, continuity and Differentiability of function of more than one variable i.e. function of several variables.
* Parabolic function, Hyperbolic function in curve in space.

#### CO-02: Partial Differential Equations:

* Basics Concepts of PDE, Solution of some special type of PDE.
* General and particular solution of PDE
* Heat, Wave and Laplace equation and solution of PDE.

#### CO-03: Statics:

* Develop an understanding of how a machine applies force to work against aloud force.
* It is used to produce a conceptual link between the macroscopic view and the microscopic view.
* This approach produces some useful insights and applications in many fields of virtual work, null lines, and wrenches.

#### B.A. II (Semester- IV)

#### CO-1: Programming in C and Numerical Methods:

* This book is aimed at advancing concepts of programming and software code organization within the framework of structural and procedural programming paradigms.
* Understanding a functional hierarchical code organization.
* Ability to define and manage data structure based on problems subject domain.
* Student can understand defensive programming concepts. They can handle possible errors during program execution.

 **CO-2: Sequence and Series:**

* This paper defines sequence and series and also identifying the different kind of sequence and series, common ratio of geometric sequence, A.M., G.M., H.M., Sum of infinite series.
* Student can learn to work with logarithm, exponential and inverse trigonometric functions.
* They are able to find partial sum of an infinite series.

 **CO-3: Special Functions and Integral Transforms:**

* This book cover topics such as power series, Bessel’s equation and function, Legendre’s equation, Hermit equation, Laplace transformations, Fourier transformations.
* Students can understand integral calculus and special function of various engineering problem and to know the application of some basic mathematical method via all these special functions.
* They can able to explain the application and the usefulness of these special functions

#### B.A. III (Semester-V)

**CO-1: Real Analysis:**

* This paper define and recognize the basic properties of the field of real numbers, the series of real numbers and convergence, Bolzano-Weirstrass theorem, basic topological properties of R.
* It can improve and outline the logical thinking of students.
* Students are able to apply the theorem in correct way.
* Students can interpret how to know the real functions continuity and differentiability and their related problems based on their theorems results.

#### CO-2: Group and Rings:

* This paper covers topics such as: abelian groups, cyclic groups, ermutations, cossets, rings, integral domain, ideals, modulus, polynomials rings, and field.
* Students will be able to perform basic computations in group and ring theory.
* Students will become familiar with some application of abstract algebra which is useful for developing error correcting codes, encryption, and prediction of 3D structures.

#### CO-3: Numerical Analysis:

* Students will able to solve the probability based problems
* Students derive numerical methods for various mathematical operation and tasks, such as differentiation, integration. The solution of linear and nonlinear equation and solutions of differential equations.
* Students will solve the interpolation and exploration based problems.
* This course will develop an understanding of error analysis for numerical methods.

#### B.A. III (Semester-VI)

**CO-1: Real and Complex Analysis:**

* This book contains topic such as: Jacobeans, Beta and gamma functions, Double and triple integrals, Fourier series, and calculus of complex functions.
* Students can understand how complex numbers provide a satisfying extension of the

Real numbers.

* Students can solve problems involving convolution, filtering, modulation and sampling.
* Students can learn techniques of complex analysis that make practical problems easy (e.g. graphical rotation and scaling as an example of complex multiplication.

#### CO-2 : Linear Algebra:

* This book covers topic such as: vector spaces and subspaces, basis and dimension, quotient space, linear transformation, rank and nullity, algebra of linear transformations, dual space, eigen values and eigen vectors.
* Students can solve system of linear equations.
* Students can recognize the concepts of the terms of span, linear independence, basis and dimension and apply these concepts to various vector spaces and subspaces.

#### CO-03: Dynamics:

* Students will construct free-body diagrams
* Students will discuss easily the motion on smooth and rough planes, general motion of rigid body.
* They will understand the analysis of distributed loads.
* They will understand a broad knowledge of internal forces and moments.
* They will be able to apply Kepler’s law to solve the problems of gravity and solar system.

## B.Com

**B.Com (Sem-01)**

### Subject: Financial accounting I

* To record the basic journal entries.
* Memorize how to calculate depreciation by applying various methods.
* Maintain the financial statements of a business entity.
* Rectify errors in accounts.

### Subject: Business Mathematics I

* To apply basic terms of integration in solving practical problems field of as of business.
* To explain basic methods of business calculus, types and methods of interest account and their basic applications in practice.
* To solve problems in the areas of business calculus, simple and compound interest account, use of compound interest account, loan and consumer credit.
* To discuss effects of various types and methods of interest account.
* Connect acquired knowledge and skills with practical problems in economic practice.

### Subject: Business Economics

* Understand how households (demand) and businesses (supply) interact in various market structures to determine price and quantity of a good produced.
* Understand the links between household behavior and the economic models of demand.
* Represent demand, in graphical form, including the downward slope of the demand curve and what shifts the demand curve.
* Understand the links between production costs and the economic models of supply.
* Apply the concept of opportunity cost
* Analyze operations of markets under varying competitive conditions

### Subject: Business Management

* + Use business terms and concepts when communicating.
	+ Explain the financial concepts used in making business decision.
	+ Use effective communication skills to promote respect and relationship.
	+ Utilize information by applying a variety of business and industry software and hardware to major business function.
	+ Demonstrate a basic understanding of business management.

### Subject: Business Communication Skills

* + To make effective and impressive communication.
	+ To make communication in ethical manner.
	+ Capable to make persuasive digital communication.
	+ Capable to make abstract & summaries of proposals.
	+ Better presentation and communication using proper body language.

### Subject: Basics of Computer-I

* + Understand the concept of input and output devices of Computers and how it works.
	+ Understand the concepts, structure, types and design of operating Systems.
	+ Understand the concept of Data Communication, its Modes, its Forms and Data Communication Channels.
	+ Understand evolution of internet, its application and its basic services.
	+ Recognize when to use each of the Microsoft Office programs to create professional and academic documents.
	+ Create and design a word document for general office use.
	+ Students will have a working knowledge of paragraph formatting, macro and mail- merge in MS-Word.

**B.Com (Sem-02)**

### Subject: Financial Accounting-II

* Student can able to make necessary journal entries in the books of record under hire purchase method.
* Able to maintain royalty and joint venture accounts.
* Easily examine the dissolution of partnership.
* Easily can prepare the journal entries of amalgamations and sale of partnership firms.

### Subject: Business Mathematics-II

* Define basic terms in the areas of business calculus and financial mathematics.
* Explain basic methods of business calculus, types and methods of interest account and their basic applications in practice.
* Solve problems in the areas of business calculus, simple and compound interest account, use of compound interest account, loan and consumer credit.
* Discern effects of various types and methods of interest account.
* Connect acquired knowledge and skills with practical problems in economic practice.

### Subject: Business Economics-II

* Apply marginal analysis to the “firm” under different market conditions;
* Understand the causes and consequences of different market structures;
* Apply economic models to examine current economic issues and evaluate policy options for addressing these issue
* Understand the meaning of marginal revenue and marginal cost and their relevance for firm profitability.

### Subject: Business Management-II

* Use business terms and concepts when communicating.
* Explain the financial concepts used in making business decision.
* Use effective communication skills to promote respect and relationship.
* Basic Understanding of the motivational and leadership skills and their use in daily life.
* A basic understanding of change agent and why people resistance the change.

### Subject: Business Environment

* Define various elements internal as well as external affecting business environment.
* Explain the techniques like SWOT analysis.
* Define the terms like inflation, GDP, etc.
* Define the consequences with regard to BOP.
* Explain the economic trends and effect of Govt. policies as LPG.

### Subject: Basics of Computers-II

* Student will able to understand the concept of input and output devices of Computers and how it works.
* Students will be able to understand the concepts, structure, types and design of operating Systems.
* Student will be able to recognize when to use each of the Microsoft Office programs to create professional and academic documents.
* Student will be introduced to create and design a spreadsheet for general office use.
* Students will have a working knowledge of basic functions and formulas in MS- Excel.

### ENVIRONMENTAL STUDIES ( B.COM)

* + Understanding environmental concerns by the students at the under graduate level.
	+ Understanding the relationship of man with the environment and help them change his attitude for more positive, proactive, eco-friendly and sustainable lifestyles.
	+ Getting information about climate change, global warming, acid rain, greenhouse effect , ozone layer depletion.
	+ Cultivating attitudes to safeguard the environment built particularly with field experience.
	+ Control of environmental pollutions like air , water , soil , noise and e-pollutions etc.
	+ Realization of the impact of human actions on the immediate environment and the linkage with the larger issues.
	+ Conservation and management of natural resources like air , water , mineral , forest and biodiversity etc.
	+ Motivating public for sustainable development i.e. economic development without degrading the environment.
	+ Getting information about environment protection acts and laws .
	+ Acquire the skills for identifying and solving environmental problems like deforestation, water crises etc.

### B.Com- 2nd year

### Sem-03

**Subject: Corporate Accounting-I**

* Learn about the journal entries of issue of shares and issue of debentures.
* To know about the meaning of companies and working style of companies.
* Know about the final accounts of the companies.
* Learn about the valuation method of shares and goodwill and measurement of performance of companies.
* Work with profit prior to incorporation and post incorporation profits in company‟s accounts.
* Learn about the concept of sources of redemption of debentures and redemption of

preference shares.

### Subject: Business Statistics-I

* Student will able to apply knowledge to solve simple tasks using computer (MS Excel)
* Student will able to independently calculate basic statistical parameters (mean, measures of dispersion, correlation coefficient, indexes)
* Student will able to interpret the meaning of the calculated statistical indicators
* Student will able to choose a statistical method for solving practical problems
* Student will able to explain probability theory and probability distributions in relation to general statistical analysis.
* Student will able to Understand and appreciate the need to solve a variety of business- related problems using a systematic approach involving accepted statistical techniques.

### Subject: Business regulatory framework-I

* Learn the difference between valid void and voidable contract.
* Memorize difference between contract of guarantee and indemnity.
* Analysis the rights and duties of pawn or Pawnee under contract of bailment.
* Learn how to pursue the consumer rights under consumer protection act 1982.

### Subject: Corporate Law-I

* Know about the concept of company and shares.
* Know about the company law in the India.
* Understand the use of the memorandum of association and article of association in a company, they also learn from this course.
* Use of prospectus in a company.
* Understand the relationship between company and debenture holders.

### Subject: Macroeconomics

* Understand the basics of national income accounting
* Understand the causes and consequences of business cycles
* Understand the roles of fiscal and monetary policy in fighting recessions and inflation
* Understand factors that contribute to and detract from long-term economic growth
* Apply economic reasoning to understand the operation of an economy
* Apply basic international trade and finance concepts to global pricing issues, including working with exchange rates.

### Subject: Human resource management

* Learn the qualities of human resource manager in an organization.
* Analysis the importance of different methods of training given to the employees in organization.
* Memorize the difference between on the job training and of the job training.
* Learn the participant of industrial relation and recruitment of good industrial relation programme.

### Sem-04

**Subject Corporate Accounting-II**

* Know about the companies all accounts.
* Get the Knowledge of banking system.
* Learn about working format of companies.
* Understand Mutual funds‟ investments.
* Find out how a company can dissolve.

### Subject: Business Statistics-II

* Student will able to apply knowledge to solve simple tasks using computer (MS Excel)
* Student will able to independently calculate basic statistical parameters (mean, measures of dispersion, correlation coefficient, indexes)
* Student will able to interpret the meaning of the calculated statistical indicators
* Student will able to choose a statistical method for solving practical problems
* Student will able to explain probability theory and probability distributions in relation to general statistical analysis.
* Student will able to Understand and appreciate the need to solve a variety of business- related problems using a systematic approach involving accepted statistical techniques.

### Subject: Business Regulatory Framework-II

* Can able to learn the conditions of partnership act.
* Critically evaluate conditions and warranties of sale of goods act.
* Aware about rights to information.
* Can able to use negotiable instrument in practical life.

### Subject Corporate Law-II

* Student will able to develop in the student an understanding of the free enterprise system and the legal safeguards of the same.
* Student will able to demonstrate clearly and forcibly the generally accepted, but not always documented, proposition that law is an expression of the public will; that a law is valid in the real sense only when it is an expression of the public will.
* Student will able to develop in the student and appreciation of the significant role played by the judiciary in the protection of individual liberty and private property.
* Student will able to develop in the student habits of analytical thinking and logical reasoning as a technique for decision-making.
* Student will able to develop in the student acceptable attitudes and viewpoints with respect to business ethics and social responsibility.

Student will able to enrich and make more meaningful the study of the other social sciences.

### Subject: Marketing Management

* Students can identify how consumer behaves differently.
* Able to understand how a product passes from different stages.
* Able to understand the difference between trademark and branding.
* Able to describe the customer segmentation, target marketing and positioning.
* Understand different methods of sale promotion.

### Subject: Banking and Banking Law

* Demonstrate a comprehension of the principles of banking law and its relationship to banks and customers.
* Demonstrate an awareness of law and practice in a banking context.
* Engage in critical analysis of the practice of banking law from a range of perspectives.
* Organize information as it relates to the regulation of banking products and services.

### B.Com (Sem-05) Subject: Taxation Law-I

* Define the procedure of direct tax assessment.
* Able to file IT return on individual basis.
* Able to compute total income and define tax complicacies and structure.
* Able to understand amendments made from time to time in Finance Act.
* Differentiate between direct and indirect tax assessment.

### Subject: Cost Accounting-I

* Define the various components of total cost of a product i.e. direct & indirect cost and fixed & flexible cost.
* Determine various levels of material i.e. reorder level, minimum level, maximum level & EOQ for managing working capital.
* Use methods of time-keeping & time-booking and manage idle & overtime.
* Define the features of overhead or indirect cost of production and basis of allocation and apportionment.
* Use cost-sheet to compute unit cost of product.
* Determine basis for computing tender price of a product.

### Subject: Accounting for Management

* Use business finance terms and concepts when communicating.
* Explain the financial concepts used in making accounting management decision.
* Use effective communication skills to promote respect and relationship for financial deals.
* Utilize information by applying a variety of business and industry software and hardware to major financial function.
* 5. Demonstrate a basic understanding of accounting management.

### Subject: Financial market operations

* Student will able to understand the Australian banking system and describe the role of regulatory bodies in regulating how banks manage their capital.
* Student will able to describe the types of equity securities that companies can use to raise equity capital and how these securities can be listed and traded on the Australian Stock Exchange.
* Student will able to apply different company valuation techniques to determine share prices.
* Student will able to describe the characteristics of different types of debt securities and be able to price them.
* Student will able to describe different theories of how interest rates are determined and explain the relationship between the term to maturity, risk, and interest rates.
* Student will able to understand the mechanics and conventions of the foreign exchange market and the motivation of different participants in trading foreign currencies.

### Subject: Entrepreneurship and small scale business

* Student will able to understand the basic development of entrepreneurship as a profession.
* Student will have a basic knowledge of human resource management for small business.
* Student will able to identify and implement systems for collecting and analyzing information to monitor the performance of a new firm
* Student will able to understand the differences between an entrepreneurial venture and an ongoing business operation.
* Student will able to understand the critical roles of marketing research, competitive analysis, consumer-value proposition, and market-entry strategy in the development of a business plan.
* Student will able to describe examples of entrepreneurial business and actual practice, both successful and unsuccessful, and explain the role and significance of entrepreneurship as a career, in the firm, and in society.
* Student will able to understand the importance and role of ethical, sustainability, innovation and global issues for strategic decision making.
* Student will evaluate different modes of entering into enterpreurship

### Subject: Secretarial Practice

* Use international trade terms and concepts when communicating.
* Explain the international trade concepts used in making decision.
* Use effective communication skills to promote respect and relationship for secretarial practice.
* Utilize information by applying a variety of business and industry software and hardware to major voting and proxy.
* Get a basic understanding of different type of meeting of board of directors.

### B.Com (Sem-06)

**Subject: Taxation Law-II**

* Define the procedure of direct tax assessment.
* Able to file IT return on individual basis.
* Define tax complicacies and structure.
* Aware about IT authorities and their powers.
* Aware about appeal & revision, tax penalties, offences and prosecutions.

### Subject: Cost Accounting-II

* Define the process to compute total cost of a product belong to various production processes.
* Accumulate total cost of a contract assigned.
* Able to prepare various budgets like fixed and flexible budgets.
* Define the terms with regard to variance analysis.
* Define the terms with regard to BEP analysis.

### Subject: Financial Management

* Use business finance terms and concepts when communicating.
* Explain the financial concepts used in making financial management decision.
* Use effective communication skills to promote respect and relationship for financial deals.
* Utilize information by applying a variety of business and industry software and hardware to major financial function.
* Demonstrate a basic understanding of financial management.

### Subject: Auditing

* Student will understand the audit process from the engagement planning stage through completion of the audit, as well as the rendering of an audit opinion via the various report options.
* Student will understand auditors‟ legal liabilities, and be able to apply case law in making a judgment whether auditors might be liable to certain parties;
* Student will understand to describe the various levels of persuasiveness of different types of audit evidence and explain the broad principles of audit sampling techniques;
* Student will understand to discuss the need for an independent or external audit and describe briefly the development of the role of the assurance provider in modern business society;
* Student will able describe the quality control procedures necessary to ensure that a competent assurance engagement is performed, and apply professional ethics including Code of Conduct to specific scenarios
* Student will explain the internal audit process including the professional standards applicable to the internal audit profession.

### Subject: GST

* Student will able to Compute the assessable value of transactions related to goods and services for levy and determination of duty liability.
* Student will able to Identify and analyze the procedural aspects under different applicable statutes related to Goods and Service taxation.
* Student will able to understand the basic principles underlying the Goods & Service Tax).
* Student will able to understand Tax liability and taxable entities. Accounting treatment (simple and trilateral transactions).
* Student will able to examine the method of tax credit. Inflows and outflows. Outflows: tax imposition, tax exemption, tax deduction.

### Subject: International Trade

* Use international trade terms and concepts when communicating.
* Explain the international trade concepts used in making global decision.
* Use effective communication skills to promote respect and relationship for international trade.

Utilize information by applying a variety of business and industry software and hardware to major international trade function.