SAT JINDA KALYANA COLLEGE, KALANAUR (ROHTAK)

Program Outcomes and Course Outcomes

Program outcomes

B.A. : (Pass Course)

- Effective Communication and Social interaction
- Critical thinking and creative ability
- Acquirement of knowledge based on facts and figures related to languages and various subjects such as History, Geography, Political Science, Economics, Psychology, Mathematics etc.
- Understanding the basic concept, principles and theories pertaining to the above mentioned subject.
- Human values and sense of social service.

B.Sc. : (Non-Medical)

- Understanding of basic concepts, fundamental principles related to various scientific phenomena and their relevance in day to day life.
- Development of Research Aptitude.
- Development of Scientific Temper.

B.Com. :

- Students will gain thorough knowledge and skills in the various disciplines of finance, management, accounting, communication, banking, economics, marketing, taxation and computer etc. which would equip them to face the challenges in jobs, business and industry.
- This program will provide business and industry with well equipped human resources to meet their requirements or students can independently startup their own business and industry.
- Students will be able to pursue higher education in the field of commerce, management or other related area of their interest.

B.C.A. :

- Improvement of computer literacy, ICT tools and basic understanding of operative systems.
- Knowledge of software commonly used in academic and professional environments.
- Improvement of communication and business management skills especially in providing technical support.

APGDCA:

- To make Students understand &pursue MCA (Lateral Entry) and apply for jobs in various multinational companies, industries, banks.
- To prepare student to start their own business in web development and software development.
- To prepare Students to use their knowledge to develop different web and windows based applications.
- To make Students understand to create database, websites and applications for their clients.
- To prepare Students to pursue the career of computer operators.
- To help Students to become network administrators.
- To prepare students become eligible to pursue MCA and M.Sc. In Information Technology.

M.Com.

- Students will able to understand the role of businessman, entrepreneurs, managers, consultants and auditors.
- This program provides students with the skills they need to communicate effectively and make decisions in day to day business tasks.
- Students can also acquire practical skills to work as tax consultant, audit assistant and other financial services.
- Students will become competent do higher education and advance research in the field of marketing, human resource management and finance.
- This will help students to demonstrate appropriate skills, Knowledge and educational ability to solve a variety of problems related to life situations for their general development.
- This program will provide students with a platform to gain new things for the whole economy. Through this program students will able to participate in a variety of extracurricular activities as well as demonstrate practical and theoretical knowledge and gain practical insight into the corporate world.
- Students will able to understand and develop ethical and logical and professional behaviour.
- Students will able to assess their skills and returns associated with various investment opportunities for investment planning and develop entrepreneurial skills.

M.A.GEOGRAPHY

- Compare and contrast the theories, philosophies, and concepts in the discipline of geography, including unifying themes of spatial patterns and structures, the interrelationship between people and places, and the interactions between nature and society.
- Demonstrate an advanced understanding of and ability to differentiate among the various methodologies used in geographic research.
- Acquire, analyse, evaluate, interpret and critique geographic data and/or research.
- Communicate mastery of geographic data, theories, philosophies, and concepts in oral, written, and visual forms, with ethical engagement and respect for diversity of individuals, groups, and cultures.

- Identify and assess how geographic concepts apply in the workplace and in everyday life to solve real-world problems.
- Prepare objective scientific approach so that students can address research problems in Applied Geography and allied fields.
- Inculcate a sense of environmental ethics that focus research and concerns on sustainability and empathy to social concerns.
- Establish the position of Geography as a subject and its importance and interrelationships that reiterate and validate the Man Environment relationship.
- The syllabus is oriented towards emerging job opportunities and future prospects for the students.
- AssistanceisgiventostudentsinpreparingforvariouscompetitiveexamslikeNET,SET, SSC etc.
- Computer-based techniques (RS&GIS) are in corporate in the syllabus which prepares the students for further analytical studies.

COURSE OBJECTIVES & COURSE OUTCOMES (B.A.)

COURSE OBJECTIVES & COURSE OUTCOMES

S.NO.	COURSE OBJECTIVES	COURSE OUTCOMES	
1.	ENGLISH: B.A.IS	Γ SEMESTER	
	 It seeks to improve the critical and analytical skills of the students in their ability to understand various critical issues concerning society, nation, environment and women. It seeks to expand the vocabulary and improve the writing skills of students. 	 Students will develop individual perspective in the essays and they will be sensitized towards environment and social issues The students will develop the basic concepts of grammar. Students will learn the basic mechanism of phonetics and acquire skills to transcribe and learn the correct pronunciation of words. 	
2.	ENGLISH : B.A.	IIND SEMESTER	
	 To develop their ability to critically analyse the text and develop their individual perspectives while reading the short stories To develop the students' abilities in the correct usage of English grammar The vocabulary exercises after each chapter enables to enlarge their vocabulary and the usage of phrasal verbs enhance their writing skills 	 It will improve the students' ability to express and communicate well in writing. Students will develop and enhance their ability as a critical reader and thinker. The study of various short stories enables them to understand the people, place or cultural phenomenon beyond their cultural environment. 	

3.	ENGLISH : B.A.IIIRD SEMESTER				
	 To acquaint the students with poetry from diverse cultures and historic periods. To familiarize the students with various figures of speech and literary devices which can be used to analyse the poems. 	 Students will learn to critically analyse poems to identify the themes and ideas outlined in them Students will understand and appreciate poetry as a literary art form. It will broaden their vocabularies and also develop their appreciation of language. 			
4.	ENGLISH : B.A.IVTH SEMESTER				
	 To enable students to get knowledge contained in the book. To develop their imaginative power. To enable students to express their ideas in a connected and logical way. To make them speak English language in a conversational style. To enable students to write correct English with reasonable speed. 	 Students will be able to express their ideas in writing in an organized and systematic way. They will be able to get knowledge of some facts through story. They will be acquainted with the works of great writers. Students will be able to produce correct sound with proper stress, intonation, rhythm, fluency and 			

		pause.
5.	ENGLISH : B.A.VTH SEMESTER	
	 Reading a novel means entertainment and instruction at the same time. It also enriches the readers with linguistic tools for effective communication and expression of one's mind. Additionally, students will be able to identify and explain the significance of the essential literary elements of novels (i.e. character, setting, conflict, plot, climax, resolution, theme, tone, and point of view). Grammar and composition exercises like clauses and sentences, precis writing are meant to teach the students basics of language utilization and formation of different structures. 	 After the completion of the course, students will be able to Understand the origin and development of novel as a literary genre. Know the tradition of Indian fiction in English Develop their reading speed Use grammatical structures accurately Summarize and paraphrase information in a text Make inferences and predictions based on comprehension of a text Use a variety of accurate sentence structures (simple, compound, complex) Use varied sentence beginnings (introductory prepositional phrases, participial phrases, adverbial clauses, adjectival phrases) Use appropriate organization and order of words, sentences and paragraphs within an essay
6.	ENGLISH : B.A.VIT	H SEMESTER
	 Reading a play is a wonderful way of learning a language because it teaches us what to say and how to say it in different situations. So the reading of Shakespeare's Merchant of Venice is undoubtedly a great task in leaning the English language as well as enjoying the literary and artistic tastes. Summarizing, abstracting and precis writing, and one-word substitution and official correspondence (letter writing) are exercises which measure the understanding and writing competence of the learners. This course will develop the students' ability to Understand and apply the conventions of academic writing in English Build academic vocabulary Reflect on and evaluate learning and performance, and set goals for progress 4. Engage in formal writing assignments that require utilization of all stages of the writing process. Write several rough drafts of a paper to 	 At the end of the course, the student will be able to: Write a paragraph with a topic sentence, support, and concluding sentence; Produce coherent and unified paragraphs with adequate support and detail; Write an effective introduction and conclusion; Produce a well-organized academic essay; Produce appropriate vocabulary and correct word forms; Use a variety of accurate sentence structures; Produce accurate grammatical structures; and Demonstrate control of mechanics.

	revise clarity and depth of content or to edit style and mechanics.	
7.	HINDI : B.A.IST S	SEMESTER
7.	 HINDI : B.A.IST S ikB~;Øe y{; %fo kfFkZ;ksa dks e/;dkyhu dfo;ksa ;Fkk dchj] lwjnkl] rqylh] fcgkjh] ehjk] jl[kku] /kukuan ls ifjfpr djkuk] bu dfo;ksa ds vuqHkwfrxr oSP'k'V~; rFkk vfHkO;fDrxr lkS'Bo dh ij[k djkuk %fgUnh lkfgR; ds bfrgkl ds ^vkfndky* ds ukedj.k ifjfLFkfr;ksa] izo`fr;ksa] jklksdkO; ijaijk rFkk fgUnh lkfgR;sfrgkl ys[ku ijaijk ds ckjs esa foospu&fo''ys'k.k dh le> iznku djuk %dkO;''kkL=h; vo/kj.kkkvksa ;Fkk dkO; ds rÙo] jl] vaydkj] dkO;xq.k] ''kCn&''kfDr;ksa vkfn dk vk/kkj&Kku iznku djukA 	 SEMESTER fo kFkhZ e/;dkyhu fofHkUu izfrfuf/k dfo;ksa ds dkO; dk Kku izkIr djrs gSaA %e/;dkyhu lkfgR; esa of.kZr thou&ewYksa ds ckjs esa le>rs gSaA %fganh lkfgR; ds bfrgkl dk izkjaHk fdu ifjfLFkfr;ksa esa vkSj fdl izdkj gqvk] bldk Kku izkIr djrs gSaA %dkO;''kkL=h; vo/kkj.kkvksa dks lkekU; :i esa le>us dk volj izkIr djrs gSaA
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12.	HINDI : B.A.VITH	SEMESTER

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13.	GEOGRAPHY : B.A.I	ST SEMESTER
	 Students will get an introduction to the main regions of the India in terms of both their uniqueness and similarities. Students will be exposed to historical, economic, cultural, social and physical characteristics of India. Students will learn the relationships between the global, the regional and the local, particularly how places are inserted in regional and global processes. In addition to the ability of understanding and reading maps, students will be able to create maps on their own. Students will be introduced to demographic, social and cultural attributes such as migration, social relations and 	 After the completion of the course, Students will be able to Identifying and explaining the Indian Geographical Environment, from global to local scales. Applying geographical knowledge to everyday living. Applying knowledge of global issues to a unique scientific problem. Showing an awareness and responsibility for the environment and India. Evaluating the impacts of human activities on natural environments special reference to India.

	cultural identity.			
14.	GEOGRAPHY : B.A.II	ND SEMESTER		
	 Students will understand the concept of place and how it is connected to people's sense of belonging to the physical environment, landscape and culture. Students will understand the fundamental concepts of spatial interaction and diffusion, which explain how human activities are influenced by the concept of distance. Students will be exposed to the nature of physical systems such as geomorphologic processes and natural hazards. Students will be able to read and interpret information on different types of physical features maps. Students will learn how human, physical and environmental components of the world interact. 	 After the completion of the course, Students will be able to Describing human-environment, and nature-society interactions as well as global human and environmental issues. Identifying and explaining the planet's human and physical characteristics and processes, from global to local scales. Evaluating the impacts of human activities on natural environments. Applying knowledge of global issues to local circumstances to evaluate the local effects of the issues. Showing an awareness and responsibility for the environment. 		
	Environmental Studies B.A. 1 st			
	 To demonstrate mastery of care ecological and physical science concepts and methods as they pertain to environmental problems solving Recognize and integrate the international, cross, cultural and transdicplinary nature of environmental problems in analyses and solutions. 	 An environmental studies major will be able to critically examine all sides of environmental issues and apply understanding from disciplines such as history, economics, psychology, low literature, political, sociology and religion to create informed opinions about how to interact with the environment on both a personal and social level. An environmental studies major will be able to recognize the physical, chemical and biological components of the earth's system and show how they function. 		
	Name of Program: " Basic Computer Education "(Certified	^b Level -1 B.A. 1st ed course in Computer Education)		
	Program Outcomes	Course Outcomes		
	• To understand the basic structure and functioning of input, output and storage devices such as monitor, keyboard, mouse, speaker, hard	 Sstudents will get the basic idea about computer and computer peripherals. 		

 disk, CD drive, scanner and printer. To Acquire intuitively the ideas of how computer works, acquire mouse skills such as move, click, double click and drag & drop. To operate computer systems in Windows environment and get familiar with basic MS Word. 	 The presentation incorporated with supportive images will help the students to get the information about real hardware components of computer. Student will interact with the faculty member and clarifyy their doubts. Students will be motivated positively with the animation video of computer.
GEOGRAPHY : B.A.IIIR	RD SEMESTER
 The broad objective of the course is to introduce to the students the fundamentals of atmospheric phenomena, global climate systems and climate change. The atmosphere and climate are a critical part of the earth system, and climatic variability and change are central to the issue of current and future global environmental change. To grasp the techniques for modeling the climate, covering both theoretical and technical aspects. To understand the dynamics of the atmosphere, the ocean and the overall climatologically system. To be able to analyse and interpret climatic data 	 After the completion of the course, Students will be able to Understand the physical basis of the natural greenhouse effect, including the meaning of the term radioactive forcing. Know something of the way various human activities are increasing emissions of the natural greenhouse gases, and are also contributing to sulphate aerosols in the troposphere. Demonstrate an awareness of the difficulties involved in the detection of any unusual global warming "signal" above the "background noise" of natural variability in the Earth's climate and of attributing (in whole or in part) any such signal to human activity. Understand that although a growing scientific consensus has become established through the IPCC, the complexities and uncertainties of the science provide opportunity for climate sceptics to challenge the Panel's findings. On successful completion of this course, students should be able to understand the mean global atmospheric circulations and disturbances, world climate systems, climatic variability and change.

GEOGRAPHY : B.A.IVTH SEMESTER

•	Students	will	develop	а	solid
	understand	ing of t	he concepts	s of "	space,"
	"place" and	d "regio	n" and thei	r imp	ortance
	in explainin	ng world	l affairs.	-	

• Students will understand general demographic principles and their patterns at regional and global scales.

• Students will be able to locate on a map major physical features, cultural regions, and individual states and urban centers.

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

• After the completion of the course, Students will be able to

Students will acquire an understanding of and appreciation for the relationship between geography and culture.

Students will read, interpret, and generate maps and other geographic representations as well as extract, analyze, and present information from a spatial perspective.

Students will • have general а understanding of global human population factors patterns, influencing the distribution and mobility of human populations including settlement and economic activities and networks, and human impacts on the physical environment.

• Students will be able to think in spatial terms to explain what has occurred in the past as well as using geographic principles to understand the present and plan for the future.

• Students will have a general understanding of how the physical environment, human societies, and local and global economic systems are integral to the principles of sustainable development.

GEOGRAPHY : B.A.VTH SEMESTER

- This course offers an introduction to the ٠ • ways in which economic activities are Recognize • organized over the earth "surface. geographic We all are witnessed to rapidly increasing • integration of state economies. The economic processes operating at • different geographical scales are depending ٠ on the complex economic-political-social interactions that are framed at the global level.
- The course explores the processes of globalization.

• Seeks to provide understanding of today's increasingly interdependent world.

• After the completion of the course, Students will be able to

• Recognize the significance of geographic concepts for understanding socio-economic processes and outcomes.

• Appraise the different ways in which time and space interact and constrain each other with regards to economic activities and articulate how economic processes can be broken down into changes over time and variations across space.

• Assess how society and economic actors organize themselves in space, the factors driving these

	 complex spatial patterns, and the implications these spatial configurations have for the socioeconomic well-being of affected groups and societies. Appreciate the complexity of economic development processes taking place across the world and how these are influenced by space. Relate course content to current economic, social, and political events, and identify some of the geographical trends in economic processes and likely outcomes for societies.
GEOGRAPHY : B.A.VIT	H SEMESTER
 The aim of this course is to apprise the students to various aspects of Aerial photographs. Also introduce about Remote Sensing antis. It will be teach about the important elements of the Geospatial technology. This course introduce about the earth revolutionary and rotation system. It gives the technical knowledge of satellite system. 	 After the completion of the course, Students will be able to Students will demonstrate knowledge of the foundations and theories of geographic information systems (GIS) and use the tools and methods fogies. Students will demonstrate their knowledge of physical geography and the methods and techniques for observing, measuring, recording and reporting on geographic phenomena. Students will demonstrate their competence to work individually and as a team to develop and present a client-driven GIS solution. Student will be familiar with modern techniques in Geography. Students will be prepared to apply their skills in professional careers.
PSYCHOLOGY : B.A.IS	T SEMESTER
 To impart knowledge about history, emergence, scope and methods of psychology. To provide detailed information about the 	 Students will be able to understand history, emergence, scope and methods of psychology. Students will be benefitted to know

 sensory processes (Visual and Auditory) along with perception of form and depth. To acquaint the students about the nature and types of emotions and motivation. To provide fundamental knowledge about the nature and approaches of intelligence and personality. To impart knowledge about the administration/conduct of psychological tests/experiments in the area of sensation, perception emotion, motivation, intelligence and personality. 	 about visual and auditory sensory processes and perception of form and depth. Students will gain knowledge about the nature and types of emotions and motivational aspects. Students will understand fundamental knowledge about the nature and approaches of intelligence and personality. Students will be able to administer/conduct/interpret the psychological tests/experiments in the areas of sensation, perception, emotions, motivation, intelligence and personality.
PSYCHOLOGY : B.A	IIND SEMESTER
 To provide knowledge about the attentional processes and problems of psychophysics along with its classical methods. To impart knowledge about the nature factors and basic theories of learning. To acquaint the students about the stages, method to study memory and factors leading to forgetting. To impart knowledge about the stages of problem solving and thinking along with basic knowledge of statistics for presentation and distribution of data. To impart knowledge about the conduct of psychological experiments pertaining to attention, psychophysics, learning, memory and problem solving. 	 Students will be benefitted to know the classical methods of psychophysics and attentional processes. Students will be able to understand about the nature, factors and basic theories of learning. Students will gain knowledge about the stages, methods to study and improve memory along with the factors leading to forgetting. Students will understand to use basic statistics to present and distribute the data. They will also understand the stages and processes of problem solving and thinking. Students will be equipped to handle/conduct and infer from psychological experiments in the areas of learning, memory, attention, psychophysics, problem solving and thinking.
PSYCHOLOGY : B.A.IIII	XD SEMESTER
 Social Psychology is the study of social interaction and social influence. It enables to understand human attitudes, group structure in the society, leadership, aggression, altruism in society etc. It helps to foster respect for human diversity e.g. gender, religion, race. 	• Social Psychology will help to understand the basic psychological theories, principles, and concepts explaining attitude formation, group processes, pro- social behavior, aggression, Stereotypes and Prejudices.
 colour and caste. A major goal of social psychology is to 	• It will help in analyzing major issues and concepts in the field of

understand and tolerate the behavior of	Social Psychology
other people, particularly that of	 Social Psychology helps in
members of the diverse array of groups	understanding the behaviour
and social categories to which they do	patterns of the people in a civilized
not belong.	society
• It helps to understand the dynamics of	• Social Psychology helps in
intergroup relationships, conflict, and	reducing the stereotypes, prejudices
cooperation.	and discrimination among various
1	groups on the basis of gender.
	caste, religion, class, colour etc.
PSYCHOLOGY : B.A.IVT	TH SEMESTER
• Development psychology covers the overall	• The Student will be able to
development of an individual starting from	demonstrate a broad working
conception till death.	knowledge of developmental
• It also contributes to the knowledge of the	psychology by providing an
criteria of development in all its	overview of basic principles related
manifestations such as emotional, cognitive,	to cognitive, emotional and
motor and perceptual development.	psychosocial changes throughout
• It also enables the possibility of measuring	the entire lifespan.
various aspects of growth according to	• Be able to demonstrate an
scientific standards and helps to correct the	understanding of different stages of
abnormalities in growth, whether	development throughout the
educational or psychological.	lifespan.
• The study of developmental psychology also	• Identify and apply developmental
helps individuals to adjust their behavior to	concepts to everyday life
reach the highest level of educational,	• Identify major theorists that
psychological, professional and social	contribute to the field of
compatibility	developmental psychology.
• Developmental psychology emphasizes the	• It will help in understanding his/her
pattern of behavior observed on a child and	capabilities and related educational
the extent to which skills, experiences, and	problems.
environmental conditions affect the child's	• It will help in understanding the
acquisition of behaviors.	change in behavioral characteristics
The knowledge of developmental	due to his/her growth.
psychology helps in understanding the	č
nature of the human psyche and the nature	
of the stages in order to expand the	
knowledge of parents,	
teachers, psychologists, and social workers,	
and thus interact with children, adolescents	
and the elderly to establish the correct	
understanding of the nature of their	
development and characteristics	
PSYCHOLOGY : B.A.VT	H SEMESTER
• To understand the concept of Normality &	• Scientific exploration of abnormal
Abnormality.	mental states.
• To understand the biological &	• Enables the students to identify the
psychological bases of mental disorders.	individual differences.
• To know how mental disorders can be	• Critical thinking & analysis of
diagnosed by different techniques.	psychopathology concepts.
• To have insight into the classification of	• It develops the competencies in

 mental disorders. To understand the pathogenesis & nature of 	interpersonal skills.Enables the students to understand
psychopathological symptoms & causes.	unusual or maladaptive behavior.
PSYCHOLOGY : B.A.VIT	TH SEMESTER
 To know the career in Psychology. .To understand the contribution of psychological factor in physical illness. To have a insight for healthy lifestyles. To understand the coping strategies of stress. 	 It develops ability to apply psychological principles to the real world. Students better understand the fundamentals of psychology & develops understanding of counseling. It enables the students to obtain the knowledge for immediate employment or study in psychology & related area. Students develop the ability to understand the human behavior & its problems in the areas of workplace & education. It enables the students in developing skills to face the challenges & needs of life.
SANSKRIT : B.A.IST S	SEMESTER
• Students will get an introduction about the Sanskrit literature and Sanskrit Grammar. Students will also be able to develop humanitarian values in short stories entitled 'Hitoupdesh' written by Narayan Pandit.	• Students will be able to give formal introductions of Dhatus, Samas, Shabadroops etc. They will be able to dictate short stories of 'Hitoupdesh'
SANSKRIT · B A HND	SEMESTER
The objective of the syllabus of this particular semester is to teach students translation from Hindi to Sanskrit and to make them familiar to Sanskrit play and story. As well as students will be able to get knowledge of Shabdroop, Dhaturoop& meters of Shaloka Recitation.	 After the completion of this semester, students will be able to translate Hindi sentences into Sanskrit sentences. They will be able to know the tradition of Sanskrit literature. Their vocabulary will improve definitely.
SANSKRIT : B.A.IIIRD	SEMESTER
Students will be able to understand the basic grammar of Sanskrit language. They will be able to understand Suffix, Prefix, Similies and sentence structures formation. They will be able to know about Sanskrit Epic 'Ramayana' written by Valmiki.	 Students will be able to use correct form of Rupa, Dhatu, Prefix, Similies. They will be able to write correct sentence structure and use correct form of verb according to tense. They will be able to draw the charctersketchs of Ram, Sita and Dhashrath came in the epic 'Ramayana'.
SANSKRIT : B.A.IVTH	SEMESTER
In this semester students will get the knowledge of the great book 'Shrimadbhagyad Geeta' and an epic	• After the completion of this semester, students will be familiar to our culture and religious background.

written by Mahakavi Kalidas 'Raghuvansha'. Also students will be able to get knowledge of Suffixes and Samasa. They will be able to write letters in Sanskrit language.	 They will read and understand Sanskrit texts easily. They will be able to use grammatical structures accurately.
SANSKRIT : B.A.VT	TH SEMESTER
• Students will get the knowledge about great Sanskrit writer Mahakavi Kalidass.They will understand the qualities of literary skills of Mahakavi Kalidass. They will develop the skill of listening, speaking, reading and writing Sanskrit language. And also they will apply the ability of reading and writing their day to day life.	 Students will be able to tell about the character sketch Dushyant and Shakuntla. They will be able to tell about the quality of literary skills of Kalidass. They will be able to tell about the society in Kalidass's time period. They will get the knowledge of Sentence structure contained in the play 'Abhigyana Shakuntlam'.
SANSKRIT : B.A.VI	TH SEMESTER
• Students will get the knowledge about the different character sketches in the play 'Abhigyana Shakuntlam'. Students will understand the qualities of society in which Kalidass lived. They will be able to apply the sentence structure contained in the play 'Abhigyana Shakuntlam'.	 Students will be able to write the character sketches of Dushyant, Shakuntla and Servdaman. Students will be able to speak, read and write the sentence structure contained in the play.
HISTORY : B.A.IS	T SEMESTER
 This paper introduces the students to the major currents in the study of ancient Indian History. It focuses on the political process that underlay the structures of the state and society. It includes the rise and decline of ancient empires. It takes the students into the details of social and cultural history. It explores why foreign invaders tried to invade India and also the repercussions of these invasions 	 After the completion of the course students will be able to know about : Reconstruction and Interpretation of History. Pre Historical Age Ancient Cultures like Harappan and Vedic Culture. Their political Socio, Economic, Religious and Cultural Life. Religious Movements like Buddhism & Jainism. Various Empires : Mauryan, Kushan, Satavahana, Chola, Gupta and Pushpabhutis Foreign Invasions : Arab and Turkish
HISTORY : B.A.IIN	D SEMIESTER
 Inis paper seeks to examine the major political developments in the Indian subcontinent during a span of nearly five centuries i.e. from the 13th to 17th Century. It aims at an in-depth analysis of the processes of the state formation in the Delhi Sultanate and Mughal Empire. It lays emphasis on the long term strategies that enabled these two states to establish 	 After the completion of the course students will be able to know about : The sources of Sultanate and Mughal period. Establishment expansion and consolidation of Sultanate Consolidation and Expansion of Mughal Empire Administrative Institutional

 political control. It explores the functioning of political institutions and articulation of political ideologies. It pays equal attention to the changing composition of the ruling class as well as the response of the powerful local elements. 	 Development during Sultanate and Mughal Empire Economic aspects during Medieval period and also the Socio-Religious life.
HISTORY : B.A.III	RD SEMESTER
 This paper is a study of British Colonialism in which India can be studied as a classic case of British imperialism. It enables the students to study the construction of the colonial state in north and south India. It focuses constitutional changes which further enhanced to establish British control It highlights Indian Nationalism starting with peasant and tribal revolts and there after revolt of 1857. Emergence of the spirit of nationalism. It explains in detail the Freedom struggle with special reference to liberalism, extremism, Gandhi Era and revolutionaries, problem of communalism and partition of 	 After the completion of the course students will be able to know about : Disintegration of Mughal Empire British Conquest of India Consolidation of British Rule and Resistance Socio, Economic conditions of India in 18th Century and Cultural Renaissance Economic and Social impact of British Rule Emergence of Nationalism and Freedom of India.
$HISTORV \cdot \mathbf{B} \wedge \mathbf{IV}^{\prime}$	L TH SEMESTER
 This paper covers the ancient, medieval and modern History of Haryana. It throws a light on the various sources that are help full in writing the History of Haryana. It explains the political, social, economic and religious conditions of the state. It deals with the growth of Jat Movement and phase of confrontation with Mughal State. It makes assessment of British attitude towards people of Haryana. It seeks to discuss the rise of nationalism in Haryana and role of the people of Haryana in National struggle. 	 After the completion of the course students will be able to know about : The sources to know the History of Haryana (Ancient, Medieval and Modern) and freedom movement of Haryana in detail. How the state was formed in ancient times and Rise of Powers in Haryana during early medieval period. Battles fought and Revolts that took place in Haryana during Medieval period Political Developments in 18th Century Political and Social reaction of British Rule by the people of state and also the spread of Arya Samaj and Modern Education in Haryana.
HISTORY : B.A.VT	TH SEMESTER
 This paper covers the World history of ancient and medieval times This includes an exploration of archaeological remain of prehistoric and proto historic rural and urban sites. The course seeks to develop an 	 After the completion of the course students will be able to know about : Pre history cultures Bronze Age civilizations i.e. Sumer and Egypt (Socio – Economic structure)
understanding of ancient societies and their	• Iron Age Civilization i.e. Greek and

material culture	Roman (Polity, Socio – Economic
• The course takes the rise of Christianity and	structure)
Islam of length. Also it enables the students	• Feudalism in Medieval Europe and
to understand Renaissance and Reformation	Role of Church
Movements at length	Rise of Islam and Evolution of State and
ivio veniento di lengui.	Society under Islam
HISTORV · B A VIT	TH SEMESTER
• This paper focuses on Modern phase of	After the completion of the course students
World History with particular reference to	will be able to know about :
Wohd filstory with particular reference to	. Example to know about .
Modern ideas	• Economic Developments 1.e.
• It explains Politics revolving around	Mercantilism, Capitalism, Agricultural
European state system	Revolution, Technological Revolution
• It highlights Colonial and Economic	and Imperialism.
developments	• Political developments with special
• It focuses the social and economic changes	reference to French and Russian
that took place in Europe from 17 th to 19 th	Revolution, liberalism in Britain and
Century effecting the transition from	also unification of Italy and Germany.
Feudalism to Capitalism	• History of Far East i.e. China and
• It focuses on the rise of Nationalism in the	Japan
19 th Century and ultimately events leading	• World in Crises leading to First and
to World Wars	Second World War
	Second world war
POLITICAL SCIENCE :	R.A.IST SEMESTER
• CO - Unit I Untroducing the Constitution	
• CO - Unit I introducing the Constitution	• COLUMENTARIA dia a the Constitution
Assembly in Its formation and describing	• COT: Onderstanding the Constitution
Assembly in its formation and describing	of India, Constitutional Institutions.
Its main Sources. Examining the Preamble,	Provision and Reforms.
Fundamental Rights and Duties.	
Describing the importance and utility of	
Directive Principles of State Policy.	
• CO – Unit II :Critically examining the	
Institutions of the Union Executive and	
State Executive.	
• CO – Unit III :Critically examining the	
Institutions of the Union and State	
Legislatures.	
• CO – Unit IV:Describing the	
Composition Powers and Jurisdiction of	
Supreme Court and High Court	
Examining the Dowers of Indicial Device	
end A stivier of Indian Indian	
	MESTED
I OLI II CAL SUIENCE ; D.A.IIND SEI	
• CO – Unit I : Discussing the Indian	• CO II :Understanding the nature of
rederatism with the focus on changing	Indian Politics with the ability to
relations of Centre and States.	critically analyse the socio-political
• CO – Unit II :Explaining the Election	phenomena of the country
Commission of India and Indian Electoral	phenomena of the country.
System, determinants of Voting Behaviour	
and Problem of Defection.	
• CO – Unit III : Critically examining the	

 National and Regional Political Parties in India, their Ideologies, Progammes and Policies. CO – Unit IV :Critically evaluating the Role of Caste, Religion, Language, Regionalism and Politics of Reservation in India. 	
POLITICAL SCIENCE : B.A.IIIRD SE	EMESTER
 CO – Unit I :Discussing the definition of Political Science and its relations with other Social Sciences. CO – Unit II :Defining the term State and discussing Its Elements. 	• CO III :Analysing the proper perspective of Political Science, the State and the Sovereignty for the proper understanding of the course.
 CO – Unit III :Explaining the major- theories of the State (Nature, Origin and Functions). Defining the concept of the Welfare State. CO – Unit IV :Understanding the concept of sovereignty and its theories (Monistic and Pluralistic). 	
POLITICAL SCIENCE	: B.A.IVTH SEMESTER
 CO – Unit I :Understanding the basic concept and theories of Rights. Critically examining the Universal Declaration of Human Rights. CO – Unit II :Understanding the basic concept of Liberty and Its theories. Discussing the concept of Equality and Its basic concepts. CO – Unit III :Defining the concept of Social Change, Development and their theories. 	• CO IV :The course curriculum indicates a basic understanding of Rights, Duties, Liberty and Equality, Social Change and Development for the effective citizenship.
• CO – Unit IV :Understanding the Rights To Information Act 2005 and Consumer Protection.	
POLITICAL SCIENCE	E : B.A. VTH SEMESTER
 CO – Unit I :Defining the Comparative Politics and explaining Its Scope. Understanding Comparative Method (Traditional and Modern concerns). CO – Unit II :Describing the various Approaches to the study of Comparative Politics : Input – Output (System), Structural-Functional, Political Development and Political Culture. CO – Unit III :Defining the meaning of 	• CO V : Understanding the nature, development and approaches of the Comparative Politics

Explaining the nature, history, types and	
problems of Constitutionalism.	
• CO – Unit IV :Understanding the	
Constitutional Structure : Formal Structure	
(Executive Legislature and Judiciary)	
Informal Structure (Political Parties and	
Pressure Groups)	
POLITICAL SCIENCE	• B A VITH SEMESTER
• CO - Unit L :Explaining the Evolution	• CO VI • Encouraging a
Conventions Legacies Basic Features and	comprehensive and comparative
Social Economic basis of Constitutions of	understanding of the Constitutions of
	LIK & USA
CO Unit II Discussions the commercetive	OK &OSA.
• CO – Unit II :Discussing the comparative	
study of Executive and Legislature of UK	
& USA.	
• CO – Unit III :Discussing the	
Comparative Study of Judiciary of UK &	
USA. Critically examining the structure,	
functions and roles of Political Parties and	
Pressure Groups of UK & USA.	
• CO – Unit IV :Describing the	
comparative studies of Electoral Process,	
Voting Behavior and Bureaucracy of UK	
&USA.	
MATHEMATICS : B.A	A./B.SC IST SEMESTER
Paper: Algebra	
• To introduce to the students different matrix	After the completion of the course,
types, operations and related concepts.	students will be able to
• To acquaint the students with the	• Apply the elementary matrix
application of matrices.	operations to find the rank, inverse and
• To let the students know about the different	normal form of a matrix.
methods of solving cubic and biquadratic	• Find the Eigen values and Eigen
equations.	vectors of a matrix.
• To make the students understand about the	• Use matrices to solve he system of
nature of roots and transformation of	linear homogeneous and non–
equations.	homogeneous equations.
	• Apply Cardon's method, Descartes'
	method and Ferrari's method to solve
	cubic and biquadratic equations.
	• To transform equations and use this
	concept in solving them.
	• Apply Descartes' rule of sign to
	find the nature of roots.
Paper : So	lid Geometry
• To Get basic knowledge about Circle, Cone,	After the completion of the course,
Parabola, Hyperbola, Ellipse etc.	Students will be able to
• To Study the concepts & advance topics	• Understand geometrical terminology in
related to two & three dimensional	three dimensional space.
geometry.	• Measure angles using a protractor.
To Study the applications of Conics.	• Use geometrical results to determine

 To Study the application of Sphere, Cone and Cylinder. To Study about tracing of Conics. To Study about the Concord. 	 unknown angles. Understand the geometrical meaning of a Plane. Understand the applications of Sphere, Cone and Cylinder. Know applications of Conics.
Subject: Calculus	
 finding whether the equation of function given is differentiable or continuous at a particular value of x. understanding the various types of double points i.e. node, cusp and isolated point using the fact that the derivative is the slope of the tangent line to the curve at a given point. tracing the curve in Cartesian, parametric and polar coordinates. computing the integral of some functions by depending on other integrals of similar form calculating definite integrals that involve logarithmic, exponential, parametric functions etc. 	 After the completion of the course, students will be able to understand the concept of continuous functions, classification of discontinuities and differentiability. determine asymptotes in Cartesian and polar coordinates. apply the concept of symmetry, origin, asymptotes, point of intersection etc. in tracing of curves. determine the nature of double points, species of cusps and point of inflexion. compute the area bounded by closed curves and surfaces of solids of revolution.
MATHEMATICS : B.	A./B.SC IIND SEMESTER
Paper: Ordinary Differential Equation	
 To introduce to students the basic concepts related to ordinary differential equations. To make the students learn about the different types of ordinary differential equations To acquaint the students with different methods of solving the ordinary differential equations 	 After the completion of the course, students will be able to Solve first order differential equations by identifying them as exact equation, Lagrange's equation and Clairaut's equation etc. Find the complete solution of linear differential equation with constant coefficients. Apply different methods of solving second order linear differential equations. Transform the equations by changing the dependent variable. Solve the simultaneous differential equations.
Paper: Number Th	eory and Trigonometry
 To Study about the concepts of Divisibility, Congruence, Greatest Common Divisor, and prime-factorization etc. To Study about the applications of Fermat's, Wilson's and Chinese Remainder Theorem etc. 	 After the completion of the course, Students will be able to Understand the concepts of Divisibility, Congruence, Greatest Common Divisor, and prime-factorization etc. Learn methods and techniques

	Γ
• To Study about the applications of Euler's	used in number theory.
function and Residue Systems.	• Understand the applications of
• To Study about the Law of Ouadratic	Fermat's, Wilson's and Chinese
Reciprocity and other methods to classify	Remainder Theorem etc.
numbers as primitive roots quadratic	• Use mathematical induction and
residues and quadratic non-residues	other types of proof writing
• To Evaluate trigonometric and inverse	techniques
• 10 Evaluate ungonometric and inverse	Evolueto triconometrio and
trigonometric functions.	• Evaluate trigonometric and
• To Solve trigonometric equations and	inverse trigonometric functions.
applications.	• Solve trigonometric equations
• To Study about the applications of De	and applications.
Moivre's Theorem.	• Apply and prove trigonometric
	identities.
	• Understand the applications of
	Euler's function and Residue
	Systems.
	• Understand the applications of of
	De Moivre's Theorem.
Paner: V	ector Calculus
• finding the volume of parallelepiped	• memorize the concepts of
and tetrahedron using product of three	directional derivatives with
vectors	geometrical interpretations
• dealing with vector functions involving	• apply gradient to solve problems
• dealing with vector functions involving	• apply gradient to solve problems
coordinates (x, y, Z) of any point in	surfaces
	surfaces.
• applying orthogonal curvilinear	• explain the concept of vector
coordinates to cylindrical and spherical	integration along a plane and in
coordinates.	space.
• using the divergence theorem to give	• find out whether the given vector
physical interpretation of divergence of	function is solenoidal, irrotational
physical fields.	or harmonic.
• understanding stoke's theorem to	• apply Guass Divergence Theorem,
compute line integral along the	Stoke's theorem and Green's
boundary of a surface	Theorem to evaluate surface and
	volume integrals.
MATHEMATICS : B.A	/B.SC IIIRD SEMESTER
Paper: Partial Di	fferential Equation
• To introduce to students the concept of	• After the completion of the
partial differential equation and its types.	course, students will be able to
• To make the students understand the	• Establish a fundamental
difference between ordinary and partial	familiarity with partial
differential equations	differential equations
• To make the students learn about the	• Solve linear and nonlinear partial
formation of partial differential equations.	differential equations
• To acquaint the students with different	Classify partial differential
methods of solving the partial differential	equations into hyperbolic
equations.	narabolic and elliptic types and
-1	transform them into canonical
	form
	 Solve houndary value problems
	related to I anlace heat and wave

		equations.
	Paper: Adva	anced Calculus
	 To Study Different indeterminate forms. To Study about Mean Value theorems. To Study the behavior of curve in space. To Study about and Limits, Continuity and Differentiability of functions of two variables. To Study about Continuous and Uniformly Continuous functions. To Study about the maximum and minimum behavior of a function of two variables. 	 After the completion of the course, Students will be able to Learn about the basic principles of multi-variable calculus with proofs. Have knowledge of calculus involving the fundamental tools such as Limits, Continuity and Differentiability of functions of two variables. Follow abstract mathematical arguments and write their own proofs. Effectively communicate mathematics: reading, writing, listening and speaking
	Paner	: Statics
	 understanding the principles of statics. understanding the concept of like and unlike parallel forces. analyzing the various types of motion produced by the forces acting on the rigid body. explaining the difference between the actual work and virtual work done by a rigid body. enhancing the knowledge of equilibrium condition of a static body. 	 construct free body diagrams and calculate the reactions necessary to ensure static equilibrium. determine the resultant of two like parallel forces and two unequal unlike parallel forces acting on a rigid body. compute the position of centre and moments of force about a point on a rigid body. explain the equilibrium of rough bodies resting in contact with one another. 5. apply the concept of centre of gravity to uniform rod, uniform lamina, triangular lamina etc.
	MATHEMATICS : B.A	./B.SC IVTH SEMESTER
	Paper: Special Function &	: Integral Transforms
	 To give the students an idea of power series solution of differential equations. To let them know about the special functions and their origin. To make the students learn the concept of integral transforms and related applications 	 After the completion of the course, students will be able to To solve differential equations by power series solution method. Define the special functions like Bessel's function, Legendre polynomial,Hermite polynomials and explain their properties. Apply Laplace and Fourier transforms to solve differential equations.
	Subject: Sequence	es and Series

 To Study the real numbers, least upper bounds, greatest lower bound and the triangle inequality. To Study countable and uncountable sets Recognize convergent, divergent, bounded Cauchy and monotone sequences. To Study about the limit superior, liminiferior, and the limit of a sequence. To Recognize alternating, convergen conditionally and absolutely converger series. To Study about open, closed, connected bounded, totally bounded and compact sets. To Study about Riemann Integral an Improper Integral. To Study about Metric Space. Paper : Nu understanding the error analysis for numerical methods and their proofs. deriving appropriate numerical methods t solve interpolation based problems. selecting an appropriate probabilit distributions for discrete and continuou random variables. computing derivatives of a functions usin interpolation formulae. 5. obtaining the numerical solution or ordinary differential equations usin different numerical methods. 	 After the completion of the course, Students will be able to Learn fundamental properties of the real numbers that lead to the formal development of real analysis. Understand applications of Riemann Integral and Improper Integral. Understanding of limits and how they are used in sequences, series, differentiation and integration. Understand how we generalize a space. Understand how sequences are convergent and divergent in a Metric Space. merical Analysis explain the theoretical and practical aspects of the use of numerical analysis. establish the limitations, advantages and disadvantages of numerical analysis. apply the numerical methods for various mathematical operations and tasks, such as solution of linear and non linear equations, differential equations etc. obtain the approximate solution to otherwise intractable mathematical problems 5. implement numerical methods for a variety of multidisciplinary applications
VIA I HEMATICS: B.A./B Paner: Line	.SC. VIIH SEMESIEK ar Algebra
• To acquaint the students with th	e After the completion of the course,
concept of external binary operations.	students will be able to
• To introduce to students the important	t Test the linear independence of
independence basis dimensions and linea	$r \bullet Find$ the dimension and basis of a
transformations etc.	given vector space and null space and
• To give students an idea of geometrica	1 rank space of a linear transformation.
structure on a vector space.	• Find eigen values and eigen
	vectors of linear transformations.
	• Write down the matrix
	representing a linear transformation

	 under a given basis, and determine how the matrix changes if the basis is changed. Find the length of a vector in inner product space. Explain orthogonally and orthonormality of set of vectors.
Den and Bool & Con	
 To Study how Complex numbers provide a satisfying extension of the Real numbers. To Learn techniques of Complex analysis that make practical problems easy (e.g. graphical rotation and scaling as an example of complex multiplication). To Study how mathematics is used in design (e.g. conformal mapping). To Study about Analytic Functions. To Study about the applications of Jacobeans and Beta and Gamma Functions. To Study about the applications of Elementary Functions and Mobius Transformations. To Study about the concept of Limits, Continuous, Uniformly Continuous and Differentiable functions of Complex variable. 	 After the completion of the course, Students will be able to Understand the concept of Limits, Continuous, Uniformly Continuous and Differentiable functions of Complex variable. Know that Complex numbers provide a satisfying extension of the Real numbers. Understand that C-R equations are necessary conditions for an analytic function. Development of the mathematical skills to solve problems. Understand about the applications of Elementary Functions and Mobius Transformations.
Paper :	Dynamics
 understanding the principles of dynamics. developing an ability to analyze problems of dynamics in a systematic and logical manner. obtaining expressions for velocity and position of particle executing simple harmonic motion. explaining general motion of a rigid body and kepler laws. 5. drawing free body diagrams of rigid body and analyze the dynamics of rigid body. 	 construct free body diagrams and calculate the reactions necessary to ensure dynamic equilibrium. explain the difference between two concepts of mechanics i.e. the rest and motion of body. explain the motion of a lift moving upward or downward solve the problems related to relative motion and simple harmonic motion apply laws which are considered to be the foundation of mechanics understand the motion of particle projected in a direction oblique to the direction of gravity
ECONOMICS : B.A. IST & F	B.A.IIND SEMESTER
Micro Economics is a two semester course i.e. Micro Economics-1 for semester- 1 and	• students will develop the analytical and empirical skills necessary to

Micro Economics -2for semester -2 designed to teach the students the main concepts of economics and to prepare them for the advanced placement test and	succeed in securing Professional Employment or admission to appropriate postgraduate courses.
 The primary objective of this course is to give students a thorough understanding of the principles of economics in application to individual decision makers, both consumers and farms. 	
• Students will study demand and supply and equilibrium in goods and factor markets, the efficiency of the market economy and the potential role of government intervention in the economy.	
• Micro Economics' students learn how and why individuals make certain financial decision. Micro Economics is the study of the way people and societies use limited resources in decision making.	
• Micro Economics course has several common objectives that contribute to a student's learning in a Business, Finance or economic program.	
• The primary objective of this course is to understand the basic concepts of microeconomics, supply and demand, elasticity of demand and equilibrium market structure, theories of demand and supply, theories of factor pricing are among the central micro economic concepts.	
• Students will learn how Markets and other governance structures organise core economic activities such as production, consumption, distribution and the growth of productive resources .	
• Students will be able to identify and explain Economic concepts and theories related to the behaviour of economic agents, markets, industry and form structures, legal Institutions, social norms and government policies.	
• Students will be able to integrate theoretical knowledge with quantitative and qualitative evidence in order to explain past economic events and to formulate predictions on future months.	
• Students will be able to evaluate the consequences of economic activities and Institutions for individual and social welfare.	

• Students will be able to identify the basic	
features of alternative representations of	
human behaviour in economics.	
ECONOMICS : B.A. IIND	& IVTH SEMESTER
 Macro Economics focuses on government policies and big picture economic implications, The primary objective of macroeconomics is to understand the determinants of macroeconomics conditions such as national income, national output, employment, inflation , money supply, monetary economics, causes of business cycles, theories of business cycles and interaction of monetary and financial markets with the real economy, familiarizing themselves in the process with major economic theories of relevance. Students will be able to identify the determinants of various macroeconomic aggregates such as income, output, productivity, unemployment, inflation and other major challenges associated with the measurement of these aggregates. Students will be able to discuss the linkages between financial Markets and the real economy and how these linkages influence the impact of economic policies over different time horizons. Students will be able to describe the main macroeconomic theories of short term fluctuations and long-term growth in the economy. Student will be able to critically evaluate the consequences of basic macroeconomic policy options under different economic policy options under different economic policy options under different economic 	• Macro Economics is that students will develop the analytical and empirical skills necessary to succeed in securing Professional Employment or admission to appropriate postgraduate programs
, ,	
ECONOMICS : B.A.	VTH SEMESTER
• Student will become familiar with the	• students will develop the analytical and
 Student will become familiar with the development of the economy of each and every country. The main objective of this course is to provide students with the essential tools and concept of development economics. Development Economics attempts to explore some of the economic challenges peculiar to some of the poorest countries in the world. 	 students will develop the analytical and empirical skills necessary to succeed in securing professional employment or admission to appropriate post graduate courses

1	•	In this module students will investigate the	
		factors that have led to this Global	
		inequality As part of this study course	
		students will see the way in which	
		students will see the way in which	
		economics can neip their understanding of	
		some of the major challenges of the 21st	
		century including: To what extent does	
		rapid population growth help or hinder	
		development? Is it necessary for economics	
		to go through a process of structural	
		transformation and how does this takes	
		place? How can less developed countries	
		achieve sustainable development?	
		By studying Development Economics	
		students will have the opportunity to apply	
		the tools of coordinate analysis to the	
		the tools of economic analysis to the	
		problems and chanenges facing less	
		developed countries and to begin to	
		understand why some countries have been	
		able to go through a process of economic	
		and Human Development whilst other have	
		languished.	
		ECONOMICS : B.A. V	TTH SEMESTER
		The main objective of this paper is to	• students will develop the analytical and
		become familiar with the Origins and	empirical skills necessary to succeed in
		implications of process of international	securing professional employment or
		aconomic integration and differentiation the	admission to appropriate post graduate
		contonne integration and unrefentiation the	
	1	basic features of the International Financial	courses
		basic features of the International Financial	courses.
1		basic features of the International Financial and monetary systems and their implications for National accompanie policies	courses.
		basic features of the International Financial and monetary systems and their implications for National economic policies .	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies .Students will be able to discuss the major economic theories of International Trade,	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier and to analyse the economic implications of	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier and to analyse the economic implications of alternative trade policies.	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier and to analyse the economic implications of alternative trade policies. Student will be able to trace the	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier and to analyse the economic implications of alternative trade policies. Student will be able to trace the development of the International Financial	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier and to analyse the economic implications of alternative trade policies. Student will be able to trace the development of the International Financial architecture and of the International	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier and to analyse the economic implications of alternative trade policies. Student will be able to trace the development of the International Financial architecture and of the International Monetary system and to evaluate the	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier and to analyse the economic implications of alternative trade policies. Student will be able to trace the development of the International Financial architecture and of the International Monetary system and to evaluate the implications of different exchange rate	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier and to analyse the economic implications of alternative trade policies. Student will be able to trace the development of the International Financial architecture and of the International Monetary system and to evaluate the implications of different exchange rate regimes for domestic macro economic	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier and to analyse the economic implications of alternative trade policies. Student will be able to trace the development of the International Financial architecture and of the International Monetary system and to evaluate the implications of different exchange rate regimes for domestic macro economic policy	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier and to analyse the economic implications of alternative trade policies. Student will be able to trace the development of the International Financial architecture and of the International Monetary system and to evaluate the implications of different exchange rate regimes for domestic macro economic policy.	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier and to analyse the economic implications of alternative trade policies. Student will be able to trace the development of the International Financial architecture and of the International Monetary system and to evaluate the implications of different exchange rate regimes for domestic macro economic policy. Students will be able to identify major	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier and to analyse the economic implications of alternative trade policies. Student will be able to trace the development of the International Financial architecture and of the International Monetary system and to evaluate the implications of different exchange rate regimes for domestic macro economic policy. Students will be able to identify major foreign trade characteristics .	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier and to analyse the economic implications of alternative trade policies. Student will be able to trace the development of the International Financial architecture and of the International Monetary system and to evaluate the implications of different exchange rate regimes for domestic macro economic policy. Students will be able to identify major foreign trade characteristics . Student will be able to trace the origin of	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier and to analyse the economic implications of alternative trade policies. Student will be able to trace the development of the International Financial architecture and of the International Monetary system and to evaluate the implications of different exchange rate regimes for domestic macro economic policy. Students will be able to identify major foreign trade characteristics . Student will be able to trace the origin of various processes of international	courses.
	•	 basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier and to analyse the economic implications of alternative trade policies. Student will be able to trace the development of the International Financial architecture and of the International Monetary system and to evaluate the implications of different exchange rate regimes for domestic macro economic policy. Students will be able to identify major foreign trade characteristics . Student will be able to trace the origin of various processes of international Institutions such as IMF, WTO, World 	courses.
	•	 basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier and to analyse the economic implications of alternative trade policies. Student will be able to trace the development of the International Financial architecture and of the International Monetary system and to evaluate the implications of different exchange rate regimes for domestic macro economic policy. Students will be able to identify major foreign trade characteristics . Student will be able to trace the origin of various processes of international Institutions such as IMF, WTO, World Bank, UNCTAD and SAARC. 	courses.
	•	basic features of the International Financial and monetary systems and their implications for National economic policies . Students will be able to discuss the major economic theories of International Trade, balance of payment, foreign trade multiplier and to analyse the economic implications of alternative trade policies. Student will be able to trace the development of the International Financial architecture and of the International Monetary system and to evaluate the implications of different exchange rate regimes for domestic macro economic policy. Students will be able to identify major foreign trade characteristics . Student will be able to trace the origin of various processes of international Institutions such as IMF, WTO, World Bank, UNCTAD and SAARC.	courses.

BASICS OF COMPUTER EDU	CATION : B.A.IIND SEMESTER
• In-depth understanding of why computers are essential components in business, education and society.	• Recognize when to use each of the Microsoft Office programs to create professional business documents.
 business, education and society. Provide hands-on use of Microsoft Office 2013 applications Word. Completion of the assignments will result in MS Office applications knowledge and skills. Learn basic principles of using Windows operation system. Learn and practice basic keyboarding and mouse use. Be able to access the Internet, Worldwide Web, as well as use Internet directories and search engines, and locate www addresses. Be able to find and evaluate information on the Web (learn how to be critical and evaluate what is valid and reliable). Learn basic computer and keyboarding related vocabulary in English. Learn the basics of e-mail, such as sending, forwarding and receiving mail. 	 professional business documents. Use Microsoft Office programs to create personal and/or business documents following current professional and/or industry standards. Pursue future courses specializing in one or more of the programs. 4. Apply skills and concepts for basic use of computer hardware, software, networks, and the Internet in the workplace and in future coursework as identified by the internationally accepted Internet and Computing Core (IC3) standards
attaching documents, creating mailboxes, filters, and address books.	
 Learn basic word processing skills with Microsoft Word, such as text input and formatting, editing, cut, copy and paste, spell check, margin and tab controls, keyboard shortcuts, printing, as well as how to include some graphics such as pictures and charts. In general, develop an intuitive sense of how omputers work 	
and how they can be used to make your academic work more efficient.	

COURSE OBJECTIVES & COURSE OUTCOMES (B.Com.)

FINANCIAL ACCOUN	FING-I : B.COM. IST SEMESTER
• To enable the students to understand various aspects of financial accounting and help them to develop the knowledge of preparing final accounts.	 To develop the knowledge about the various aspects of financial accounting. To introduce and develop the knowledge of the capital and revenue items and about the various aspects of depreciation. To make them understand about the financial accounts of Non Profit organisations and rectifying the errors.
BUSINESS COMMUNICATION S	KILLS: B.COM. IST SEMESTER
• To equip the students with proper knowledge of Business Communication and develop the various skills to be use in communication.	 To develop the knowledge about the basics of communication and barriers involved in it. To create an awareness about letter writing and business reports. To equip the students with proper knowledge about the Speaking, Reading and Listening Skills.
 BUSINESS ECONON	AICS: B.COM. IST SEMESTER
 To acquaint the students with the concepts of business economics and dealing with consumer behavior. To make them understand the supply side of the market through the production and cost behaviour of firms. Todemonstrateabasicunderstandingofc areeroptionsavailabletothemandwillest ablish career objectives. 	 pon successful completion of the course a student will be able to:- 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.
BUSINESS MANAGEMEN	NI : B.COM. IST SEMESTER
 To familiarize the learner with extant and emerging management theories and Practices. To understand practices for reflective and holistic thinking on management principles and practices 	 Onderstand the evolution of management and apprehend its effect on future managers. Analyze the relationship amongst functions of management i.e planning, organization, staffing, directing and controlling. Appreciate the changing dynamics of

	management practice.
	• Comprehend the changes happening in
	organization structure over time.
BUSINESS MATHEMATI	CS : B.COM. IST SEMESTER
 To introduce to the students elementary concepts of set theory. To acquaint the students with different progressions. To let the students know about the permutations and combinations. To make the students understand the tools and techniques of data interpretation. 	 After the completion of the course, students will be able to Explain the different set types and operations and application of sets in solving practical problems. Solve practical problems based on permutations and combinations. Find the general term and sum of any number of terms of arithmetic and geometric progressions. Collect, classify, organise and graphically represent the data.
BASIC OF COMPUTER	: B.COM. IST SEMESTER
 In-depth understanding of why computer essential components in business, educat and society. Provide hands-on use of Microsoft Off 2013 applications Word. Completion of assignments will result in MS Off applications knowledge and skills 	 are Recognize when to use each of the Microsoft Office programs to create professional business documents. Use Microsoft Office programs to create personal and/or business documents following current professional and/or industry standards. Pursue future courses specializing in one or more of the programs. Apply skills and concepts for basic use of computer hardware, software, networks, and the Internet in the workplace and in future coursework as identified by the internationally accepted Internet and Computing Core (IC3) standards
FINANCIAL ACCOUNTING	G –II: B.COM. IIND SEMESTER
To enable the students to understand ab Hire purchase system, Branch accound Joint Venture and Royalty Account.	 To develop the knowledge about Hire Purchase System and Instalment Payment System. To equip the students with proper knowledge of Branch and Departmental accounts. To make them understand about dissolution of partnership firms. To introduce and development the knowledge of Joint Venture Accounts and Royalty Accounts.
BUSINESS ENVIRONMEN	NT : B.COM. IIND SEMESTER
• To introduce the students with various concepts and components of Business Environment.	 To develop the knowledge about Economic Trends. To Create an awareness about
	problems of Growth
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	• To equip the students with proper
	knowledge about the role of
	Government in Indian Economy.
BUSINESS MANAGEMENT:	B.COM. HND SEMESTER
• To impart in-depth understanding about	Gain knowledge to evaluate
leadership concept and its theories,	leadership skills, styles and
• To impart knowledge of motivation theories	strategies in contemporary world.
• To familiarize with the concept of	• Understand various theories and
budgetary control and its various tools.	types of motivation.
	• Understand various concepts of
	budgetary control.
	• Have knowledge about the concept
	of breakeven point analysis.
BUSINESS ECONOMICS: B	.COM. IIND SEMESTER
• Toidentifyandexplaineconomicconceptsan	By the end of this course it is
dtheoriesrelatedtothebehaviorofeconomic	expected that the student will be able
agents, markets, industry and firm	to:
structures, legal institutions, social norms,	• Apply marginal analysis to the
and government policies.	"firm" under different market
• 10 integrate theoretical knowledge with	conditions;
qualitative and qualitative evidence in order to explain past economic events and	• Understand the causes and
to formulate predictions on future ones	consequences of different market
to formulate predictions on fature ches.	• Apply aconomia models to
	• Apply economic models to examine current economic issues
	and evaluate policy options for
	addressing these issue.
	• Understandthemeaningofmarginalr
	evenueandmarginalcostandtheirrele
	vanceforfirm profitability.
BUSINESS MATHEMATICS · B	COM UND SEMESTER
• To let the students know about the basic	After the completion of the course.
concepts of matrices and determinants.	students will be able to
• To acquaint the students with concepts	• Find inverse of and determinant
like compound Interest, annuities, ratio	of square matrix.
proportion percentage, profit and loss.	• Solution of a system of linear
• To introduce to the students the	equations using matrices.
permutations and combinations.	• Solve practical problems based
• 10 make the students understand the	on derivatives, compound Interest,
toors and techniques of data interpretation.	profit and loss
BASIC OF COMPUTER : B.C	COM. IIND SEMESTER
• Be able to access the Internet. Worldwide	• Recognize when to use each of
Web, as well as use Internet directories	the Microsoft Office programs
and search engines, and locate www	to create professional business
addresses.	documents.

Learn the basics of e-mail, such as sending, forwarding and receiving mail, attaching documents, creating mailboxes, filters, and address books.	 Use Microsoft Office programs to create personal and/or business documents following current professional and/or industry standards. Pursue future courses specializing in one or more of the programs. Apply skills and concepts for basic use of computer hardware, software, networks, and the Internet in the workplace and in future coursework as identified by the internationally accepted Internet and Computing Core (IC3) standards
HUMAN RESOURCE MANAGEME	NT : B.COM. IIIRD SEMESTER
 To provide knowledge about the importance of human resources management in an organization and the scope of human resource management. To understand the concept of recruitment, selection and training. To develop in pupils the understanding of wages their objectives and various theories of wages. To know the concept of industrial relations and meaning of industrial unrest. 	 After the completion of the course, Students will be able to Learn the qualities of human resource manager in an organization. Analysis the importance of different methods of training Learn the participant of industrial relation and recruitment of good industrial relation programme.
CORPORATE ACCOUNTING:	B.COM. IIIRD SEMESTER
 The main objective of this subject to provide the knowledge of companies, Shares and regulatory of companies. This subject describes the pattern of final accounts of the company. To provides the knowledge of issue of shares and issue of debentures etc. To also provides the methods of valuation of goodwill and shares. 	 After the completion of the course, Students will be able to Learn about the journal entries of issue of shares and issue of debentures. Know about the final accounts of the companies. Learnaboutthevaluationmethodofsh aresandgoodwillandmeasurementof performance of companies. Work with profit prior to incorporation and post incorporation profits in company's accounts.
BUSINESS REGULATORY FRAMEWO	PRK : B.COM. IIIRD SEMESTER
 To impart knowledge of the important Laws relevant to conduct general business activities in physical and virtual spaces along with relevant case law. To create awareness for their consumer rights. 	 Understand basic concepts of contracts for making the agreements, contacts. Be able to recognize and differentiate the special contracts. Understand the procedure to file

	case in situation of any consumer
	dispute.
BUSINESS STATISTICS: B.C.	OM. IIIRD SEMESTER
 developing the students ability to deal with numerical and quantitative issues in business. enabling the use of statistical, graphical and algebraic techniques, wherever relevant. having proper understanding of statistical applications in economics and management. imparting knowledge to the students about statistical tools and its applications to build skills for statistical inference of business data. enhancing the knowledge regarding the mutual relationship between two variables. 	 After the completion of the course, students will be able to understand and critically discuss the issues surrounding sampling and its significance. produce appropriate graphical and numerical descriptive statistics for different types of data. conduct and interpret a variety of hypothesis tests to aid in decision making in business context. find the simple regression model and be able to interpret the slope and y-intercept. 5. explain the degree and type of relationship existing between two variables
	variables. P COM HIDD SEMESTED
 The main objective of this subject to provide the knowledge of companies, Shares and regulatory of companies. This subject describes the pattern of final accounts of the company. To provides the knowledge of issue of shares and issue of debentures etc. To also provides the methods of valuation of goodwill and shares. 	 After the completion of the course, Students will be able to Learn about the journal entries of issue of shares and issue of debentures. Know about the final accounts of the companies. Learnaboutthevaluationmethodofsh aresandgoodwillandmeasurementof performance of companies. Work with profit prior to incorporation and post incorporation profits in company's accounts.
 FUNDAMENTALS OF INSURA	NCE: B.COM. IIIRD SEMESTER
 To familiarize the students with the concept of insurance and its various types. To impart knowledge regarding the basic principles of insurance. To acquaint knowledge about regulatory framework of insurance. 	 Understand meaning and process of insurance. Familiarize with regard to scope and role of insurance. Acquaint with the concept of insurance through functions. Understand the fundamental principles of insurance.
MARKETING MANAGEMEN	T: B.COM. IVTH SEMESTER
 To understand the place and contribution of marketing to the business enterprise. To identify the major basis of market 	 After the completion of the course, Students will be able to Students can identify how consumer behaves differently.

 segmentation. To understand product lifecycle. To know the factors affecting pricing objectives. To understand the concept of advertising and how this effect buying habits of consumers. To understand how to promote sale 	 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
DICINESS DECHI ATODY ED AMENIO	DV. D COM IVTH SEMESTED
 BUSINESS REGULATORY FRAMEWO To create knowledge base regarding conceptual and procedural aspects of RTI. To impart knowledge regarding various types and uses of negotiable instruments. To acquaint knowledge about various aspects of Sale of goods act. To familiarize the students with the concept of partnership and its law. SECRETARIAL PRACTICE : B To create in-depth understanding of various practices of secretary in different companies. To impart knowledge of various types of meetings and duties of secretary in various meetings. To provide knowledge of procedures 	 DRK: B.COM. IVTH SEMESTER Have knowledge about the legitimate rights and obligations under The Sale of Goods Act. Comprehend the various aspects of RTI Act. Understand the concept of partnership and its law. Know various types of negotiable instruments. COM. IVTH SEMESTER Understand the concepts of secretarial practice. Know the qualifications required to become a secretary. Understand the procedures followed by secretary in various situations.
followed by secretary in various situations.	
CORPORATE ACCOUNTING : I	S.COM. IV IH SEMESTER
 The main objective of this subject to provide the knowledge of companies accounts. It includes Accounts of Holding Company, Banking Company accounts. To describe the process of liquidation which is included in the company accounts. This subject also provides the knowledge of amalgamation of the company. To give practical knowledge of banking and other companies accounts. 	 After the completion of the course, Students will be able to 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
CORFORATE LAW: B.COF To enable the students to understand about	• To develop the knowledge about
- io chaote the students to understand about	- To develop the knowledge about

	the provisions of companies Act,2013 and companies (Amendment)Act2015.	 Depository System and Types of Share. To equip the students with proper knowledge of share capital and shareholders and members. To make them understand about the meetings of Company and Directors. To introduce and develop the knowledge of winding up of company.
	BUSINESS STATISTICS : B.C	OM. IVTH SEMESTER
•	 developing the basic skills for quantitative application in business statistics. fostering the development of foundational statistical skills that are necessary for day to day business analysis. understanding the concept of base shifting, splicing and deflating of index numbers in view of market trend. developing the ability to analyse and interpret data to provide meaningful information to assist in making management decisions. 5. explaining the various probability distributions methods for discrete and continuous random variables. 	 After the completion of the course, students will be able to discuss and describe the key terminologies, concepts, tools and techniques used in business statistical analysis. calculate salary fixation, dearness allowances, purchasing power of money etc. critically evaluate the underlying assumptions of statistical analysis tools. apply basic probability concepts and probability distributions as an aid in business decision making 5. explain the past behavior of data and forecast the future behavior that has immense importance in
	COST ACCOUNTING: B.CC	DM. VTH SEMESTER
•	To make aware about cost structure and cost elements.	After completion of study the students will be able to: • Define the various components o
•	To acquaint the students with basic concepts used in cost accounting and various methods involved in cost ascertainment systems and use of costing data for planning, control & decision-making.	 ftotalcostofaproducti.e.direct& indirectcostandfixed & flexible cost. Determine various levels of material i.e. reorder level, minimum level, maximum
•	To understand various aspects of material control &wastage.	level & EOQ for managing working capital.Use methods of time-keeping &
•	To understand various aspects of labour control.	time-booking and manage idle &overtime. • Define the features of
•	To understand the features of a cost- sheet & determining tender price.	overhead or indirect cost of production and basis of allocation and apportionment.

	• Use the cost-sheet to compute
	unit cost of product.
FINANCIAL MARKET OPERATION	NS: B.COM. VTH SEMESTER
 To give them outline about the participants in the financial markets. To aware the students about share and debt markets, and name their collective name. To aware the students about the instruments of the money and bond markets. To make them capable to distinguish between fixed-interest and interest-bearing markets. To aware the students about the foreign exchange market and the organization of the financial markets. 	 After completion of study the students will be able to: 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. Studentwillabletodescribethecharac teristicsofdifferenttypesofdebtsecur itiesandbeable to price them. Studentwillabletodescribedifferentt heoriesofhowinterestratesaredeterm inedandexplain the relationship between the term to maturity, risk,
ΤΑΧΤΑΤΙΟΝ Ι ΑΨ • Β ΟΟ	M VTH SEMESTED
 This course aims to impart Basic knowledge of income tax in India To impart knowledge to compute income under various heads. To understand various deductions which are allowed in computation of Total Income. 	 Understand the basic concepts in the law of income tax. Determine the residential status of different persons. Identify the five heads in which income is categorized. Understand clubbing provisions, set off and carry forward of losses
ACCOUNTING FOR MANAGEMEN	T : B.COM. VTH SEMESTER
 To acquire the conceptual knowledge of accounting for management. To understand the various Techniques of analysing the financial statements. To impart knowledge of taking capital budgeting decision. 	 Develop an understanding of cash flow statements. Understand various methods of capital budgeting. Analyse the financial statements of various companies and can compare them. Understand thoroughly the conceptual framework of management accounting.
ENTREPRENEURSHIP AND SMALL SCAL SEMESTER	E BUSINESS : B.COM. VTH
• To make them understand about	• To create awareness about

entrepreneurship and small scale business.	 entrepreneur and various issues related to it. To equip the students with proper knowledge about entrepreneurial opportunities in business environment and setting up a business. To develop the knowledge about the managerial roles and functions of business. To introduce and develop the knowledge about the issues of small scale business marketing
INTERNATIONAL TRADE • R	COM. VTH SEMESTER
INTERNATIONAL IRADE ; D	
 To familiarize students with the process of International and Domestic trade procedures. To form a base of policy Framework in international trading with special emphasis on India. To study the conduct of different international trade policies. To understand existing pattern of international trade 	• The students will be able to explain the concepts in trade documentation in international business with respect to foreign trade.
COST ACCOUNTING-II: B C	OM VITH SEMESTER
COST ACCOUNTING-II. B.C	
 To make aware about cost structure and cost elements. To understand various aspects of process costing along with joint and by-product. To understand the concept of contract costing along with job and batch costing. To understand the concept of budget and its controlling tools. To understand the concept of standard and marginal costing 	 After the completion of the course, Students will be able to 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.
AUDITING: B.COM. V	II N SEWIES I EK
• To describe how information	fter the completion of the course,

technology affects internal control.	Students will be able to
	• Student will understand the audit
• To determine the appropriate audit	process from the engagement
report for a given audit situation.	planning stage through completion
• To learn the process of designing and	of the audit, as well as the
performing tests of controls	rendering of an audit opinion via
	the various report options.
• To explain the methods used to obtain	• Student will understand auditors"
an understanding of internal control.	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
	the development of the role of the
	assurance provider in modern
	business society:
	• Student will able describe the
	auality control procedures
	necessary to ensure that a
	competent assurance engagement is
	performed, and apply professional
	ethics including Code of Conduct
	to specific scenarios
	•
TAXATION LAW : B.COM	I. VITH SEMESTER
• This course aims to impart knowledge of	• Develop the ability to file online
law pertaining to levy of income tax in	returns of Income.
India.	• Compute tax Liability of Individual,
• It also aims to enable the students to apply	Firm, HUF.
the same law practically.	• Understand the concept of advance
• To impart knowledge to file return, compute TDS.	payment of tax and tax deduction at source.
	• Know about various types of tax
	returns and their filling.
FINANCIAL MANAGEMENT : I	B.COM. VITH SEMESTER
• To familiarize the students with different	• Understand the relevance of
aspects of financial management and	Financial Planning.
tinancial planning.	• Explain the nature and scope of
• I o impart knowledge about various theories	tinancial management as well as
of capital structure and its concept.	time value of money.
• 10 enable students to acquire the	• Estimate various capital structure
knowledge of concept and theories of	theories and factors affecting capital
aiviaena policy aecision.	structure decisions in a firm.
	• Evaluate working capital

GOODS AND SERVICE TAX AND CUST • To enable the students to understand about the various aspects of Goods and Services Tax and Custom Law.	 requirement. Critically examine various theories of dividend policy and factors affecting dividend policy. TOM : B.COM. VITH SEMESTER To Introduce about the salient features of GST To help the students of understand about the issues related to Place of Supply & Input Tax Credit. To equip the students with proper knowledge about Registration, Payment of Taxes and Audit in CST
	 To make them understand about custom duty and various aspects involved in it.
INTERNATIONAL MARKETING	: B.COM. VITH SEMESTER
 To familiarize students with the process of International and Domestic trade procedures. To form a base of policy Framework in international trading with special emphasis on India. To study the conduct of different international trade policies. To understand existing pattern of international trade 	• The students will be able to explain the concepts in trade documentation in international business with respect to foreign Marketing .

COURSE OBJECTIVES & COURSE OUTCOMES (B.Sc.)

ENGLISH: B.SC. IST	Г SEMESTER
 Reading poetry is a great literary and linguistic exercise. Students will identify and explain the significance of the essential elements of the writer's craft in given poems (i.e. poetic structures such as the lyric, the sonnet, the free verse form; sound devices such as rhyme, rhythm, and alliteration; imagery including the visual, auditory, olfactory, and tactile word images that are created; figures of speech such as simile, metaphor, personification, symbolism). It also demonstrates an understanding of diverse cultural perspectives. Besides, basics of grammar like parts of speech, tenses, sentences, translation, reading comprehension and vocabulary exercises are so designed to teach the students basic tools of English language and upgrade their ability to functional utilization of the language through the practical application of grammar rules. 	 After the completion of the course, students will be able to Recognize poetry from a variety of cultures, languages and historic periods Recognize the rhythms, metrics and other musical aspects of poetry Broaden their vocabularies and to develop an appreciation of language and its connotations and denotations Develop their critical thinking skills Develop a deeper appreciation of cultural diversity by introducing them to poetry from a variety of cultures throughout the world Develop skills of translating ideas from English to Hindi or other Indian languages and vice versa. T. Use grammatical structures accurately
CHEMISTRY: B.SC. I	ST SEMESTER
INORGANICCH	EMISTRY
 To understand the shapes of different orbitals. To understand different principles for 	• Able to write electronic configuration of given atomic number.

 filling electrons. To understand how to draw energy diagrams. To understand how to calculate bond order. To understand how to calculate lattice energy through Born Haber Cycle. 	 Able to tell the name of orbitals by recognizing shapes of orbitals. Able to calculate bond order of different molecules. Able to draw MO digrams of different molecules. Able to draw structures of different ionic solids. Able to calculate effective nuclear charge using Slaters Rule.
PHYSICALCHE	
 Students will be able to describe the concept of pressure from a macroscopic and microscopic perspective. Students will describe the relationship between partial pressures and total pressure as described in Dalton's Law of partial pressure. Students will be able to explain the quantitative relationship between T,V,n& Pas described by kinetic molecular theory. The students will be able to compare and contrast the chemical behaviour and physical properties of common substances. The students will be able to classify matter by its state and bonding behaviour using the periodic table as a reference 	 Students should be able to describe the characteristic of the three states of matter. Students should be able to describe the different physical properties of each state of matter. Students should be able to determine the difference between solids, liquids and gases. Students will be able to define what matter is and where you can find it. Students will be able to give examples of solids, liquids and gases.
ORGANICCHE	MISTRY
 To understand the core concepts of organic chemistry i.e. resonance, hyper conjugation, inductive effect etc. and their application. To study about the isomerism and types of isomerism. To understand optical isomerism, geometric isomerism and conformational isomerism. To acquire basic knowledge of reactive intermediates and mechanism of organic reactions. To study about nomenclature, synthesis, isomerism and physical 	 Upon successful completion of this course, the student will be able to Recognize and draw constitutional isomers, stereoisomers, including nantiomers and diasteromers, racemic mixture and meso compounds. Know the fundamental principles of organic chemistry and predict outcomes and derive mechanism of various types of organic reactions. Understand various types of reactive intermediates and factors affecting their stability. Understand the nomenclature, synthesis, isomerism and physical properties of alkanes and cycloalkanes
MECHAN	ICS

 The students will introduce about the forces, angular momentum and knowledge about the Constraint. The course will provide the knowledge about the general parameter like velocity, acceleration. The course provides the students about the knowledge of M.I. The course provides the students about the knowledge of hollow cylinder and solid cylinder. 	 On successful completion of the course students will be able to Grasped the fundamentals of different types of frames of references and transformation laws-Both Galilean and Lorentz. Learn conservation laws of energy and linear and angular momentum and apply them to solve problems. Learn the basics of potentials and fields, central forces and Kepler's laws. Understand the dynamics of different types of pendulum and to determine 'g'.
ELECTRICITY AND	MAGNETISM
 Identify the connection between electricity and magnetism. Create physically believable special effects such as an electromagnetic pulse (EMP). Study of Electric field, Magnetic field, and Electromagnetic theory. Understand the definitions: (a) vectorial surface area element; (b) flux of a vector field (the flux of fields other than E will be involved); (c) open and closed surfaces. Apply knowledge to learn Gauss' Law and how to apply it. 	 On successful completion of the course students will be able To describe the concept of electricity and magnetism. To understand the concept of magnetism and magnetic properties of materials such as Ferromagnetic, Ant ferromagnetic and Ferrimagnetic. To understand the concept of electromagnetic induction, self-induction of solenoid, mutual induction of coaxial solenoid. To describe Maxwell equation in terms of electromagnetic theory.
ENGLISH: B.SC. IIN	D SEMESTER
• The course has some essays by various authors on various topics designed to acquaint the students with the means and techniques to put their views in a well structured manner. Language skills are enhanced through the practical application	 At the end of the course, the student will be able to: Write a paragraph with a topic sentence, support, and concluding sentence; Write his/her views and opinions

of grammar rules. Besides, précis writing, official correspondence (letter writing) and translation from English to Hindi or other Indian Languages and vice versa are so designed to upgrade the ability of the learners to functional utilization of the language.	 in a few words possible Produce coherent and unified paragraphs with adequate support and detail; Write an effective introduction and conclusion; Produce a well-organized academic essay himself/herself; Produce appropriate vocabulary and correct word forms; Use a variety of accurate sentence structures; Use language as an effective tool of communication
CHEMISTRY: B.SC. II	ND SEMESTER
INORGANICCH	EMISTRY
 The purpose of study semiconductor devices and materials is to familiarize students with P-N junction and transistors. The students will be able to understand general trends in the chemistry behind p-block elements. The students will be able to know the important compounds and important applications of compounds of boron and carbon. The students will understand the biological significance of sodium, potassium, magnesium and calcium. The students will be able to explain large scale preparation and properties of industrially viz., cement, plaster of Paris, sodium hydroxide, sodium carbonate and bicarbonate etc. The students will be able to describe the salient features of alkali and alkaline earth metals. 	 The students will be able to design and carry out scientific experiments as well as accurately record and analyse the results of experiments. Students will be able to explain why chemistry is an integral activity for addressing social, economic and environmental problems. Students will be skilled in problem solving, critical thinking and analytical reasoning as applied to scientific problems. The students will be able to describe the periodic table as a list of elements arranged so as to demonstrate trends in their physical and chemical properties. The students will able to state the principle resemblances of elements within each main group in particular alkali metals, alkaline earth metals , halogens and noble gases.
PHYSICALCHE	
 To describe a reaction rate in terms of a change in concentration divided by a change in time (at constant volume) and a general form of a (differential) rate law. To write a general form of the rate law for any chemical reaction and define 	 Upon successful completion of this course, the student will be able to State the basic principles electro chemistry's Mention and explain various methods for the determination of transport number.

 To identify addition reactions for alkenes and alkynes. To understand the nature of double and triple bonds for addition reactions. To identify the difference between dienes and alkenes. To understand the mechanism of attack of electrophiles and nucleophiles. To understand the preparation methods for alkenes, alkynes, alkyl halides. To impart the knowledge of Indian Cultural and Basic ethics through the chapters. To impart the knowledge of Indian Cultural and Basic ethics through the chapters. To impart the knowledge of Sanskrit as well as advance rules of the language. To impart the knowledge of Indian Cultural and Basic ethics through the stories To impart the knowledge of Sanskrit as well as advance rules of the language. To impart the knowledge of Sanskrit as well as advance rules of the language. To impart the knowledge of Sanskrit as well as advance rules of the language. To impart the knowledge of Sanskrit as well as advance rules of the language. To impart the knowledge of Sanskrit as well as advance rules of the language. To impart the knowledge of Sanskrit as well as advance rules of the language. To impart the knowledge of Sanskrit as well as advance rules of the language. To understand the properties of d- block elements. To understand the properties of d- block elements. Students will gain an understanding of: Able to compare the properties of 	 the order of a chemical reaction. To determine integrated rate expression for zero order, first order, second and third order reaction and their respective half life period expressions. To study the various factors which affect the rate of a chemical reaction such as concentration ,temperature, solvent, catalyst etc. And theories of chemical kinectics. acquire basic knowledge of electro conduction. determine the solubility of sparingly solu salts. explain the various methods for determination of transport number. 	 Explain the concepts of electrolytic conduction and dilution Understand rate of reaction and factors affecting it. Derive integrated rate expressions for zero order ,first order ,second order and third order reaction. Understand theories of reaction kinetics and differentiate them. 	
 To identify addition reactions for alkenes, and alkynes. To understand the nature of double and triple bonds for addition reactions. To identify the difference between dienes, and alkenes. To understand the mechanism of attack of electrophiles and nucleophiles. To understand the preparation methods for alkenes, alkynes, alkyl halides. Able to predict the reactivity of organic compound from its structure. Able to understand the rules for naming different organic compounds Able to recognize mechanism for given chemical reaction B.Sc. 3rd Sem. (Sanskrit) To impart the knowledge of basic Sanskrit as well as fundamental rules of the language. To impart the knowledge of Indian Cultural and Basic ethics through the chapters. Students will be benefited by this and they will get the deep knowledge of Sanskrit as well as advance rules of the language. To impart the knowledge of Indian Cultural and Basic ethics through the stories To impart the knowledge of Indian Cultural and Basic ethics through the stories To impart the knowledge of Indian Cultural and Basic ethics through the stories To understand the properties of d-block elements. To understand the structure of 	UKGANICU		
B.Sc. 3 rd Sem. (Sanskrit)• To impart the knowledge of basic Sanskrit as well as fundamental rules of the language. • To impart the knowledge of Indian Cultural and Basic ethics through the chapters.• Students will be benefited by this and they will get the knowledge of basic Sanskrit as well as fundamental rules of the language and ethics.• Program OutcomesCourse Outcomes• To impart the deep knowledge of Sanskrit as well as advance rules of the language. • To impart the knowledge of Indian Cultural and Basic ethics through the stories• Students will be benefited by this and they will get the deep knowledge of Sanskrit as well as advance rules of the language and knowledge of Indian culture.INORGANIC CHEMISTRY (B.Sc 3 rd sem)• Students will gain an understanding of: • To understand the properties of d- block elements. • To understand the structure of• Students will gain an understanding of: • Able to compare the properties of • Able to compare the properties of	 To identify addition reactions for alker and alkynes. To understand the nature of double a triple bonds for addition reactions. To identify the difference between dier and alkenes. To understand the mechanism of attack electrophiles and nucleophiles. To understand the preparation methods alkenes, alkynes, alkyl halides. 	 Recognize the basic practical skills for the synthesis of alkenes, alkynes, alkyl halides. Able to predict the reactivity of organic compound from its structure. Able to understand the rules for naming different organic compounds Able to recognize mechanism for given chemical reaction 	
 To impart the knowledge of basic Sanskrit as well as fundamental rules of the language. To impart the knowledge of Indian Cultural and Basic ethics through the chapters. B.Sc. 4th Sem. (Sanskrit) Program Outcomes To impart the deep knowledge of Sanskrit as well as advance rules of the language. To impart the knowledge of Indian Cultural and Basic ethics To impart the deep knowledge of Sanskrit as well as advance rules of the language. To impart the knowledge of Indian Cultural and Basic ethics To impart the knowledge of Indian Cultural and Basic ethics To impart the knowledge of Indian Cultural and Basic ethics To impart the knowledge of Indian Cultural and Basic ethics To understand the properties of d- block elements. To understand the structure of Able to compare the properties of 	B.Sc. 3 rd Sem. (Sanskrit)		
B.Sc. 4th Sem. (Sanskrit)Program OutcomesCourse Outcomes• To impart the deep knowledge of Sanskrit as well as advance rules of the language. • To impart the knowledge of Indian Cultural and Basic ethics through the stories• Students will be benefited by this and they will get the deep knowledge of Sanskrit as well as advance rules of the language and knowledge of Indian culture.INORGANIC CHEMISTRY (B.Sc 3rd sem)• Students will gain an understanding of: • To understand the structure of• To understand the structure of• Able to compare the properties of • Able to compare the properties of	 To impart the knowledge of basic Sanskrit as well as fundamental rules of the language. To impart the knowledge of Indian Cultural and Basic ethics through the chapters. 	• Students will be benefited by this and they will get the knowledge of basic Sanskrit as well as fundamental rules of the language and ethics.	
Program OutcomesCourse Outcomes• To impart the deep knowledge of Sanskrit as well as advance rules of the language.• Students will be benefited by this and they will get the deep knowledge of Sanskrit as well as advance rules of the language and knowledge of Indian culture.• To impart the knowledge of Indian Cultural and Basic ethics through the stories• Students will get the deep knowledge of Sanskrit as well as advance rules of the language and knowledge of Indian culture.INORGANIC CHEMISTRY (B.Sc 3 rd sem)• To understand the properties of d- block elements.• Students will gain an understanding of: • To understand the structure of	B.Sc. 4 th Se	m. (Sanskrit)	
 To impart the deep knowledge of Sanskrit as well as advance rules of the language. To impart the knowledge of Indian Cultural and Basic ethics through the stories Students will be benefited by this and they will get the deep knowledge of Sanskrit as well as advance rules of the language and knowledge of Indian culture. INORGANIC CHEMISTRY (B.Sc 3rd sem) To understand the properties of d- block elements. To understand the structure of Able to compare the properties of 	Program Outcomes	Course Outcomes	
INORGANIC CHEMISTRY (B.Sc 3 rd sem) • To understand the properties of d-block elements. • To understand the structure of • To understand the structure of	 To impart the deep knowledge of Sanskrit as well as advance rules of the language. To impart the knowledge of Indian Cultural and Basic ethics through the stories 	• Students will be benefited by this and they will get the deep knowledge of Sanskrit as well as advance rules of the language and knowledge of Indian culture.	
 To understand the properties of d-block elements. To understand the structure of Students will gain an understanding of: Able to compare the properties of 	INORGANIC CHEMISTRY (B.Sc 3 rd sem)		
	 To understand the properties of d- block elements. To understand the structure of 	 Students will gain an understanding of: Able to compare the properties of 	

 complexes of transition elements. To understand how to calculate EAN and rules of nomenclature of 	 different elements of d-block. Able to draw the structure of oxides of d-block.
 To understand the general characteristics of liquid ammonia and sulphur dioxide. 	 Able to write the nomenclature of coordination compounds. Able to understand the reactions of liquid ammonia and sulphur dioxide.
PHYSICAL CHE	EMISTRY
 To understand the thermodynamics properties and heat capacity by using joule law. To understand the isothermal and adiabatic condition for reversible process. 	 Able to derive the expression related To thermodynamics. Able to solve numerical related to vander- waal equation. Able to derive the expression related to chemical equilibrium.
 To understand the phenomenon related to chemical equilibrium. To understand the distribution law and its applications. 	• Able to derive the expression related to distribution law.
ORGANIC CHE	MISTRY
 To study about the preparation and properties of alcohol. To acquire knowledge about the ring opening reactions of epoxide. To study about the nomenclature and naming reactions of phenols. To acquire knowledge of U.V Spectroscopy and its applications. To study about nomenclature and properties of carboxylic acids. 	 Able to write the reactions of alcohols. Able to understand the detail concept of epoxide. Predict outcomes and derive mechanism of various types of organic reactions. Able to know detail about spectroscopy. Able to understand the various reactions of carboxylic acids.
PHYSICAL CHEMISTRY	
 To understand laws of Thermodynamics. To know about the thermodynamics quantities. To discuss the conductance and transferences 	 Students will gain an understanding of the application of mathematical tools to calculate thermodynamics. The physical phenomena associated to chemical thermodynamics. Learn depth concepts about electrochemistry.
INORGANIC CH	
 To explain extraction, properties and uses of transition elements. To understand the chemistry of 	 Describe bonding models that can be applied to a consideration of the properties of transition metal

 transition metal oxide. To understand the positions of lanthanide and actinide in the periodic table. To correlate the optical and magnetic properties of lanthanide. To understand the qualitative and quantitative properties of acid and basic radicals. 	 compounds. The students familiar about the transition elements. Able to know the phenomenon of extraction of lanthanides. They get well exposure about precipitation. 	
ORGANIC CHEMISTRY		
• To understand the concepts of I.R	• Working through this course,	
Spectroscopy.	• students are expected to apply their	
• To understand the nomenclature and	knowledge to problem-solve,	
 To know shout the respiring of 	simple organic molecules using the studied reactions	
• To know about the reactions of	Deletionalizations	
Diazonium sait.	• Relationships between organic chemistry and other disciplines are	
• To understand the properties and naming reaction of aldehyde and ketones.	noted.	

B.Sc 5 th sem INORGANIC CHEMISTRY	
 To understand the concept of splitting in coordination complex. To study the thermodynamic stability of the complex. To study the magnetic behaviour of the 3d complex. To understand the selection rule of d-d transition. To study the prediction of orgel diagram. 	 Students will gain an understanding of: Draw the structure of splitting complexes of octahedral, tetrahedral and square planar complexes. Solve the problems related to trans effect. Compare the properties of 3d metal complex. Draw the term symbols of d block elements. Draw the orgel diagrams of various d block elements.
PHYSICAL	CHEMISTRY
 To understand the concept of Quantum mechanics. To understand the concept of Magnetic properties. To study the detail concept of Rotational spectra. To understand the detail concept of Raman spectra. To understand the concept of Vibrational spectra. 	 Students will gain an understanding of: Core concept of Quantum mechanics and operators. Term magnetic susceptibility and magnetic properties. Derive the expression of Rigid Rotor. Detail concept of Quantum theory of Raman spectra. Selection rule of vibrational spectra.
ORGANIC CHEMISTRY	
• Able to know about the NMR spectroscopy.	Students will gain an understanding of:Calculation of number of signals of

• To understand the structure	NMR spectra.
determination of organic compounds	• Solution of problems on PMR
by NMR spectroscopy.	Spectroscopy.
• To understand the nomenclature and	• Expression of different conversion of
reactions of carbohydrates.	carbohydrates.
• To understand the concept of	• Detail concept of polysaccharides.
polysaccharides.	• Concept of chemical reactions of organ
• Able to know about the reactions of	metallic compounds.
organ metallic compounds.	
B.Sc 6 th sem INORG	GANIC CHEMISTRY
	• Students will gain an understanding of:
• Able to know about the detail of organ	• Core concept of reactions of organ
metallic chemistry.	metallic compounds. Various concept of
• To understand the HSAB Concept.	acids and bases.
• To understand the structure of	• Compare the properties of alkali metals
Haemoglobin and Myoglobin.	in biological properties.
• To understand the properties of	• Reactions of silicones and
silicones and phosphazenes.	phosphazenes.
PHYSICAL	CHEMISTRY
• Able to understand the detail concept	• Students will gain an understanding of:
of electronic spectrum.	• Concept of electronic transition and
• Able to understand the reactions of	MO concept.
photochemistry.	• Concept of various reactions used in
• Able to understand the various	photochemistry.
colligative properties.	• Solve the numerical on colligative
• Able to understand the phase	properties.
equilibria concept of different system.	
ORGANIC	CHEMISTRY
• Able to understand the basic character	• Students will gain an understanding of:
of pyrrole, pyridine and piper dine.	• Core concept of various organic
• Able to understand the electrophilic	compounds.
reactions of quinoline and	• Core concept of various organic
isoquinoline.	compounds.
• Able to understand the applications of	• Use of various polymers in different
polymer.	field.
• Able to understand the structure of	
proteins.	• Concept of structure of different
	proteins.
Computer fundamentals	and MS Office: B.Sc I st Semester
Demonstrate problem solving skills	• Recognize when to use each of the Microsoft
by developing algorithms to solve	Office programs to create professional
problems incorporating the concept	business documents.
of data abstraction in a computer	• Use Microsoft Office programs to create
program.	personal and/or business documents
Implement programs using	following current professional and/or
sequential input and output files.	industry standards.
	• Pursue future courses specializing in one or
	more of the programs.

Computer Architecture: B.Sc I st Semester	
 Covers the basic principles of computer organization, operation and performance. It also deals with embedded systems, peripheral devices, memory management, and processor family evolution patterns. Discusses the role of pipelining and multiple functional units in processor design 	 Master the binary and hexadecimal number systems including computer arithmetic. Be familiar with the history and development of modern computers. Understand the fundamentals of different instruction set architectures and their relationship to the CPU design. Understand the principles and the implementation of computer arithmetic

Programming in c : B.Sc IInd Sem	
 The nature of C language is emphasized in the wide variety of examples and applications. To learn and acquire art of computer programming. To know about some popular programming languages and how to choose Programming languages for solving a problem. 	 Explain the difference between call by value and call by reference Understand the dynamics of memory by the use of pointers and Structures. Use different data structures and create/update basic data files
Practical and viva voce	e(2.1):BSc IInd Sem
 To write, compile and debug programs in C language. To formulate problems and implement algorithms in C. To effectively choose programming components that efficiently solves computing problems in real-world 	 Understand the basic concept of C Programming, and its different modules that includes conditional and looping expressions, Arrays, Strings, Functions, Pointers, Structures and File programming Acquire knowledge about the basic concept of writing a program. Role of constants, variables, identifiers, operators, type conversion and other building blocks of C Language.
 To learn background for analysis of algorithm To understand the concept of designing an algorithm. 	 Students will be able to choose appropriate advanced data structure for given problem. will be able to calculate complexity. Students will be able to select appropriate design techniques to solve real world problems. Students will able to apply the dynamic programming technique to solve the problems Students will be able to apply the greedy programming technique to solve the problems.

COURSE OBJECTIVES & COURSE OUTCOMES (B.C.A.)

COMPUT	ER & PROGRAMMING FUNDAM	IENTALS : BCA IST SEMESTER
 COMPUT Demons Bit marks Floating To use and constant of the second se	EK & PROGRAMMING FUNDAN strate problem solving skills. inipulations. Number conversion. goint data manipulations. simple input and output statements. the for and dowhile repetition ints to execute statements repeatedly. erstand multiple selection using the selection statement. To use the break tinue statements r the flow of control. To use the operators arrays to functions. ine an array, initialize an array he symbolic constants. arrays to functions and pointer operators. nput and output streams. te, read, write and update files.	 Implement programs using sequential input and output files. Demonstrate an understanding of the use of the array data structure.
	PC SOFTWARE : BCA	IST SEMESTER
 The ba Window Develop Access, basics. 	sic features of Microsoft Office, ys basics, and file management. os familiarity with Word, Excel, PowerPoint, email, and Internet	 Recognize when to use each of the Microsoft Office programs to create professional business documents. Use Microsoft Office programs to create personal and/or business documents following current professional and/or industry standards. Pursue future courses specializing in one or more of the programs. Apply skills and concepts for basic use of computer hardware, software, networks, and the Internet in the workplace and in future coursework as identified by the internationally accepted Internet and Computing Core (IC3) standards
MATHEMATICS: BCA IST SEMESTER		
 To Matrices a Functions a To theory. To Matrices. 4.To Differentiat Integral etc To Definite int 6. 	get basic knowledge about Sets, and Determinants, Relations and nd Limits and Continuity etc. Study about the applications of Sets Study about the applications of o Get basic knowledge about ion, Indefinite Integral, Definite Study about the application of egral. To Study about the meaning of	 After the completion of the course, Students will be able to Solve the system of linear equations. Understand that Matrices are used in cryptography. Explain a new class of function namely exponential and logarithmic. Know Relationship between Indefinite Integral and Definite Integral. Find the area of a function under the given curve.

Differentiation.	
DIGITAL LOGICAL : BC	CA IST SEMESTER
 The concept of various components. The concepts that underpin the disciplines of analog and digital electronic logic circuits. Various Number system and Boolean algebra. To understand number representation and conversion between different representation in digital electronic circuits. Design and implementation of combinational circuits. To analyze logic processes and implement logical operations using combinational logic circuits. 	 Create the appropriate truth table from a description of a combinational logic function. Create a gate-level implementation of a combinational logic function described by a truth table using and/or/inv gates, muxes or ROMs, and analyze its timing behavior. Develop a digital logic and apply it to solve real life problems. Analyze, design and implement combinational logic circuits.
PRACTICAL SOFTWARE LA	B : BCA IST SEMESTER
 Develop a vocabulary of key terms related to the computer and to software program menus. Able to identify the components of a personal computer system Able to demonstrate mouse and keyboard functions Able to demonstrate window and menu commands and how they are used. 	 Able to demonstrate how to organize files and documents on a USB/hard drive. Able to compose, format and edit a word document Able to send email messages (with or without attachments) Able to navigate and search through the internet Able to navigate through WebCT
C' PROGRAMMING : BC	A IIND SEMESTER
 Advance structured and procedural programming understanding and to improve C programming skills. The major objective is to provide understanding of code organization and functional hierarchical decomposition with using complex data types 	 Understanding a functional hierarchical code organization. Ability to define and manage data structures based on problem subject domain Ability to work with textual information, characters and strings. Ability to work with arrays of complex objects. Understanding a concept of object thinking within the framework of functional model. Understanding a concept of functional hierarchical code organization. Understanding a defensive programming concept. Ability to handle possible errors during program execution.

DIGITAL LOGIC: BCA	DIGITAL LOGIC: BCA IIND SEMESTER	
 Design and implementation of sequential circuits like flip flops, registers, counters. To understand concepts of sequential circuits and to analyze sequential systems in terms of state machines. To understand characteristics of memory and their classification. Describe the general architecture of a microcomputer system and architecture 	 Create a state transition diagram from a description of a sequential logic function and then convert the diagram into an implementation of a finite-state machine with the appropriate combinational and sequential components. Describe the operation and timing constraints for latches and registers. COMPUTER SCIENCE: BCA HND SEMESTER 	
 To Get basic knowledge about Frequency Distribution, Measure of central tendency and Correlation and Regression etc. To Study the applications of Basic Statistics. To Study the applications of Algorithm. To Get basic knowledge about Graph theory, Trees and Number theory etc. To Study the application of Graph theory and Trees. To Study about cryptography. 	 After the completion of the course, Students will be able to Understand the meaning of Data. Understand that Matrices are used in cryptography. Understand that Graphs are used to solve the problem of finding the shortest path between two cities in a transportation network. Know about sorting the data. Know how number theory is used in cryptography. . Understand the importance of build and the importance of build and the importance of build. 	
STDUCTUDED SVSTEM ANALVSIS	Mathematics in Computer Science.	
 Variety of new software used by analysts, designers to manage projects, analyze and document systems, design new systems and implement their plans. It introduces also a recent coverage of UML, wireless technologies and ERP; web based systems for e-commerce and expanded coverage on RAD and GUI design 	 Knowledge and understanding Cognitive skills (thinking and analysis). Communication skills (personal and academic). Practical and subject specific skills (Transferable Skills). 	
PRACTICAL SOFTWARE LAB (PROGRAMMI	NG IN C) : BCA IIND SEMESTER	
 Choose appropriate programming constructs. Construct programs using array and pointer Write programs using string and function Apply the concepts of structures and unions Develop programs using preprocessor directives and Files 	 Thorough understanding of the fundamentals of C programming Ilustrate flowchart and algorithm to the given problem Understand basic Structure of the C-PROGRAMMING, declaration and usage of variable Write C programs using operators, data types , variables, statements. Construct programs using arrays and pointers Programs using strings and functions 	
Introduction to database BC.	A III rd Semester	

 To describe a sound introduction to the discipline of database management systems. To give a good formal foundation Explain the features of database management systems and Relational database. Design conceptual models of a database using ER modeling 	 Features of database management systems and Relational database. Design conceptual models of a database using ER modeling for real life applications and also construct queries in Relational Algebra. Create and populate a RDBMS for a real life application, with constraints and keys, using SQL. Retrieve any type of information from a data base by formulating complex queries in SQL
Practical Software Lab(C Langu	age & SQL) BCA IIIrd Sem
 To provide a sound introduction to the creation of problem statements from real life situations. To give a good formal foundation on the relational model of data and usage of Relational Algebra. To introduce the concepts of basic SQL as a universal Database language. 	 Construct problem definition statements for real life applications and implement a database for the same. Design conceptual models of a database using ER modeling for real life applications and also construct queries in Relational Algebra. Create and populate a RDBMS, using SQL. Write queries in SQL to retrieve any type of information from a data base

Software Engineering: BCA IV th Semester	
 To understand the nature of software development and software life cycle process models, agile software development, SCRUM and other agile practices. To Explain methods of capturing, specifying, visualizing and analyzing software requirements. To understand concepts and principles of software design and user-centric approach and principles of effective user interfaces. 4. To know basics of testing and understanding concept of software quality assurance and software configuration management process 	 Define various software application domains and remember different process model used in software development. Explain needs for software specifications also they can classify different types of software requirements and their gathering techniques. Convert the requirements model into the design model and demonstrate use of software and user-interface design principles.
MANAGEMENT INFORMATION SY	STEM : BCA VTH SEMESTER
 To describe the role of information technology and decision support systems in business and record the current issues with those of the firm to solve business problems. To introduce the fundamental principles of computer-based information systems analysis and design and develop an understanding of the principles and techniques used. To enable students understand the various knowledge representation methods and different expert system structures as strategic weapons to counter the threats to business and make business more competitive. To enable the students to use information to assess the impact of the Internet and Internet technology on electronic commerce and electronic business and understand the specific threats and vulnerabilities of computer systems. 5. To provide the theoretical models used in database management systems to answer business questions 	 Relate the basic concepts and technologies used in the field of management information systems; Compare the processes of developing and implementing information systems. Outline the role of the ethical, social, and security issues of information systems. Translate the role of information systems in organizations, the strategic management processes, with the implications for the management. 5. Apply the understanding of how various information systems like DBMS work together to accomplish the information objectives of an organization
VISUAL BASIC: BCA V	TH SEMESTER
 Analyze program requirements Design/develop programs with GUI interfaces Code programs and develop interface using 	• Implement Object Oriented programming concept using basic syntax of control Structures, strings and function for developing skills of

 Visual Basic .Net Perform tests, resolve defects and revise existing code 	 logic building activity. Identify classes, objects, members of a class and the relationships among them needed for a finding the solution to specific problem Demonstrates how to achieve reusability using inheritance, interfaces and packages and describes faster application development can be achieved. Demonstrate understanding and use of different exception handling mechanisms and concept of multithreading for robust faster and efficient application development
COMPUTER GRAPHICS : F	CA VTH SEMESTER
 To introduce the use of the components of a graphics system and become familiar with building approach of graphics system components and algorithms related with them. To learn the basic principles of 3-dimensional computer graphics. Provide an understanding of how to scan convert the basic geometrical primitives, how to transform the shapes to fit them as 	 To list the basic concepts used in computer graphics. To implement various algorithms to scan, convert the basic geometrical primitives, transformations, Area filling, clipping. To describe the importance of viewing and projections. To define the fundamentals of animation, virtual reality and its
per the picture definition.	related technologies.
COMPUTER NETWORKS : 1	BCA VTH SEMESTER
 To develop an understanding of computer networking basics. To develop an understanding of different components of computer networks, various protocols, modern technologies and their applications 	 Have a good understanding of the OSI Reference Model and in particular have a good knowledge of Layers Analyze the requirements for a given organizational structure and select the most appropriate networking architecture and technologies; Have a basic knowledge of the use of cryptography and network security; Specify and identify deficiencies in existing protocols, and then go onto formulate new and better protocols; Have an understanding of the issues surrounding Mobile and Wireless Networks. Have a working knowledge of data

PRACTICAL SOFTWARE LAB-(VB) : BCA	VTH SEMESTER
• To get a clear understanding of object-	• Gain the basic knowledge on Object
oriented concepts.	Oriented concepts.
• To understand object oriented programming	• Ability to develop applications
through C++	using Object Oriented
	Programming Concepts
	• To demonstrate the differences
	between traditional imperative
	design and object-oriented
	Design
	• To explain class structures as
	fundamental, modular building
	blocks
	• To understand the role of
	inheritance, polymorphism.
	dynamic binding and generic
	structures in building reusable
	code
	• To write small/medium scale
	C^{++} programs with simple
	graphical user interface
	• Understand the file handling and
	error handling mechanisms in
	C++
OBJECT TECHNOLOGIES & PRO	GRAMMING USING JAVA) : BCA
VITH SE	MESTER
• 1.Develop a greater understanding of the	• Implement Object
issues involved in programming language	Oriented programming concept
design and implementation	using basic syntaxes of control
• 2.Develop an in-depth understanding of	Structures, strings and function for
functional. logic. and object-oriented	developing skills of logic building
programming paradigms	activity. 2. Identify classes,
• 3 Implement several programs in languages	objects, members of a class and
other than the one emphasized in the	the relationships among them
• core curriculum $(Java/C++)$	needed for a finding the solution to
• 4 Understand design/implementation issues	specific problem
• 4. Olderstand design/iniplementation issues	• Demonstrates how to achieve
hinding control flow types subrouting	reusability using inheritance,
binding, control now, types, subroutines,	interfaces and packages and
parameter passing	describes faster application
• 5. Develop an understanding of the	development can be achieved.
compliation process	• Demonstrate understanding and
	use of different exception
	handling mechanisms and
	concept of multithreading for
	robust faster and efficient
	application development
E- COMMERCE : BCA	VITH SEMESTER
• Understand concept of Ecommerce and	• Define and differentiate various
its types.	types of E-commerce
Be familiarized with technologies for	• Describe Hardware and

 Ecommerce. Understand different types of Online Payment systems. Understand Selling and marketing on web. 	 Software Technologies for E- commerce. Explain payment systems for E -commerce. Describe the process of Selling and Marketing on web. 	
INTRODUCTION TO .NET : H	BCA VITH SEMESTER	
• Set up a programming environment for ASP.net programsConfigure an asp.net applicationCreating ASP.Net applications using standard .net controlsDevelop a data driven web applicationConnecting to data sources and managing them.	 .Able to design web applications using ASP.NET Successful students will be able to use ASP.NET controls in web applications. Successful students will be able to debug and deploy ASP.NET web applications Successful students will be able to create database driven ASP.NET web applications and web service 	
ARTIFICIAL INTELLIGENCE :	: BCA VITH SEMESTER	
 Become familiar with basic principles of AI toward problem solving, inference, perception, knowledge representation, and learning. Investigate applications of AI techniques in intelligent agents, expert systems, artificial neural networks and other machine learning models. Experience AI development tools such as an 'AI language', expert system shell, and/or data mining tool. Experiment with a machine learning model for simulation and analysis. Explore the current scope, potential, limitations, and 	 Explain what constitutes "Artificial" Intelligence and how to identify systems with Artificial Intelligence. Explain how Artificial Intelligence enables capabilities that are beyond conventional technology, for example, chess-playing computers, self-driving cars, robotic vacuum cleaners. Use classical Artificial Intelligence techniques, such as search algorithms, minimax algorithm, neural networks, tracking, robot localisation. Ability to apply Artificial Intelligence techniques for problem solving. Explain the limitations of current Artificial Intelligence techniques. 	
OBJECT TECHNOLOGIES & PROGRAMMING USING JAVA :		
BCA VITH SEN	1ESTER	
 Develop a greater understanding of the issues involved in programming language design and implementation Develop an in-depth understanding of functional, logic, and object-oriented programming paradigms Implement several programs in languages other than the one emphasized in the 	 Implement Object Oriented programming concept using basic syntaxes of control Structures, strings and function for developing skills of logic building activity. Identify classes, objects, members of a class and the relationships among them needed for a finding the 	

core curriculum (Java/C++)	solution to specific problem
	• Demonstrates how to achieve reusability using inheritance,
	interfaces and packages and describes faster application
	development can be achieved.

COURSE OBJECTIVES & COURSE OUTCOMES (APGDCA)

Name of Program: Advance Post Graduate Diploma in Computer Applications (APGDCA)
COURSE OUTCOMES
 Students will acquire knowledge about basics and fundamentals of information technology, basic programming concepts of procedure oriented and object oriented languages (C and Java), fundamentals of web programming (HTML, CSS), Database management system, computer networking and computer based accounting information. Students will learn to develop and debug codes in different languages. Students will be able to design web based applications using HTML, DHTML, CSS

COURSE OBJECTIVES & COURSE OUTCOMES M.A.(Geography)

	COURSE OUTCOMES
Geomorphology	 Study landforms and the related processes from the traditional concept to the contemporary development in Geomorphology. Gain in-depth knowledge on the influence of various types of rocks on the development and evolution of the land forms; hydrologic characteristics of an open channel flow that produceerosional and depositional landforms; form-process interaction in the landform development and some modern methods of geomorphic analysis of the landforms through the concept of geomorphic threshold, geo chronological methods and extreme events and equilibrium. The skill for understanding the land form in systematic way.
Climatology	 Acquire clear concepts of climatology. Greater understanding of the nature and scope of climatology; ocean atmospheric interaction; climate change and its impacts. Study various methods of data collection, check weather conditions and learn the theoretical basis of meteorological instruments. Acquire technique so hydro-meteorology and agro-meteorology. Responsetoglobalwarmingatindividualasw ellassocietallevels;respondingtoissuesofcli matechange and its impacts. Weather interpretation and forecasting with focus on application of hydro-meteorology and agro-meteorology for future research work.

Statistical methods in Geography	 Understand the basic concept of sample and sampling; bi-variate analysis by correlation, regression and chi-square test. Developabilitytochoosesamplesforsurveying ;drawscatterdiagramandcalculatethedifferent
	typesof correlation; regression and chi- square values

	 Canundertakesamplebasedprimarysurveyfor studyinganysocio- economicissuesinrealworld. Identifythenatureandstrengthofrelationshipa mongvariousparametersofsocio-economic Understand the basic concept of sample and sampling; bi-variate analysis by correlation, regression and chi-square test. Developabilitytochoosesamplesforsurveying ;drawscatterdiagramandcalculatethedifferent typesof correlation; regression and chi-
	 square values. Canundertakesamplebasedprimarysurveyfor studyinganysocio- economicissuesinrealworld. Identifythenatureandstrengthofrelationshipa mongvariousparametersofsocio-economic development.
Resource Geography	 Provide knowledge about the concepts of resources. Knowledgeaboutclassificationandmodelsofn aturalresourcesprocesses. Knowledge gained about use and misuse of natural resources. Knowledgegainedaboutconservationandman agementofresourcesforsustainable
Topographical Maps and Interpretation	 Useoftopographicalmapstoperceivealandfor morriverbasinandtheinterrelationshipofthep hysicaland cultural parameters. to efficiently use the topographical maps to obtain data with an objective to learn some quantitative techniques like basic morph metric analysis, nearest neighbour analysis of the settlements and bivariate correlation study(linear regression and correlation) between the physical and cultural aspects of an area. Preparation of various maps and diagrams related to geographical study. Capacity for using the semapsand diagrams in the relevant areas.

Computer Applications in Geography	 Gain knowledge with both the hardware components of computer as well as software utilization through study of Computronics, Computer organization, Components of Hardware and Software, Operating Systems: MS-DOS, MS- Windows, Data Structure and Data Format, A – D and D – A presentation, Data representation, Computer Programming and Networking, Familiar with MS- Office, Page Maker, Corel Draw, Scanning, Geo-referencing, Mosaicing, Subsetting, Database creation, Theme layer creation, Classification and Reclassification, Labelling, Layer calculation, and Mapping The skill for utilizing the computer in data representation.
GEOGRAPHICALTHOUGHTS	 synthesized data and satellite images. Acquirebasicconceptsingeographicalthought sthroughancient, medieval and modern periods; recent trends and explanations in geography. Developphilosophicalandhistoricalaptitudea mongstudents in the context of evolution and de velopment of geographical ideas, theme, approaches and knowledge. Acquaint students with the philosophers of different schools of thought that have contributed in the development of geography as a branch of knowledge. Under standing of the basic theme, ideas, dichotomies and approaches of geographic knowledge. Critically evaluate the nature of geography as a branch of hand in the development of geography as a branch of geographic knowledge.
REGIONALGEOGRAPHY	 time. In-depth knowledge of climate, natural vegetation, agriculture and energy resources and industries of India. Conceptualize the regional approaches and to examine regional differentiation in the study of India. Recognize regional identities and environmental dimension of regionalization to address the issues and concern needed for regional planning
	 Gain knowledge on Remote Sensing of the environment, interaction of EMR with earth surface features its characteristics; spectral regions; elements of Visual Image Interpretation for Mapping and database-cum- information extraction. Develop knowledge about the theoretical bases, principles, types and application of Remote sensing techniques maps. Students can efficiently assess the scientific principles of Remote Sensing Techniques and observe and apply satellite based remote sensing data. Knowledge on the definition of GIS; various components of GIS; structure of GIS; data input; verification, storage and output in GIS and application of raster image to vector map. Hand son training in Global Mapper software. Prepare land use/land cover map using Global mapper software. Extractingspatial information from Google
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OCEANOGRAPHY	 Earth platform. Physical and chemical properties of sea water, bottom relief and distribution of oceanic resources; Nature and scope of oceanography, history of oceanographic expedition; distribution of water; major features of ocean basins; bottom topography of Indian, Pacific and Atlantic Oceans; Ocean deposits. Impact of Humans on the Marine Environment: law of the sea, exclusive economic zone, food and mineral resources of these a, India's off- shore wealth. Physical and chemical properties of sea water; density, temperature and salinity; ocean currents, waves & tides; sea level changes. Coastlines & Shorelines, origin and characteristics of coastal features; Origin, characteristics and classification of continental shelf, continental slope, submarine canyons and coral reefs. Identification of causes of conflict regarding oceanroute, marine resources, etc. Abilitytoanalyzeseasurfacetemperaturefluct uationanditsimpactonsouthernoscillation.

REGIONAL PLANNING AND DEVELOPMENT	 Conceptsofregion,regionalizationandr egionalplanning;theoriesonrecent development; concept on inequality and regional disparity. Delineation of formal and functional region. Identitythebestmeasuresofinequalityandvari ousindicatorsofregional development. AnalyzetheinterstateimbalanceinIndiawithre specttovariousindicatorsofregional development.
URBAN GEOGRPHY	 Develop deeper understanding of Urban geography. Focus on establishing in-depth knowledge on spatial and temporal basis of urban. studies; physical, social, cultural and economic setup of urban centers with special reference to India. Help stounder stand, analyse and interpret the morphology of urban centres. Learn the significance of human activities, physical-biological and cultural phenomena, across temporaland spatial variations, that influence the urban landscape. Acquire competency to address a variety of contemporary issues in the light of rapid expansion of the dynamic discipline. Understand and appreciate the value of different perspectives to examine the complexities of urban life and the consequences inherent in the built-up environment.
GEOGRPHY OF TRANSPORT	 Appraise the students about the geographic relevance of transportation. Gained knowledge about various models of global relevance, model characteristics of modes. Knowledge about the structural analysis of transport network. Acquire knowledge about development of road transport in Harvana

COURSE OBJECTIVES & COURSE OUTCOMES M.Com.

	COURSE OUTCOMES
Title: Accounting Standards and Financial Reporting	 This subject provides a detailed understanding of the company's accounting rules and accounting aspects. To learn about the steps and process for setting up ICAI standards in India and their compliance and applicability of accounting standards in India. Theywillcometoknowthedistinctionbet weenaccountingstandards,IFRSs,IASBsan dFASBsandgain knowledge of the convergence of Indian accounting standard sand IFRSs. It also covers variety of contemporary accounting topics such as human resource accounting,corporatesocialreporting,and for ensicac countingand reporting. Environmental reporting.
	 Will enable the students tounderstand the Correlationand Regression Analysis,ProbabilityDistribution: Binomial,PoissonandNormalDistr ibution. Will come to know about Hypothesestesting, Samplingtests–Large and small Sampletests–ZTest,T-Test. Will facilitate students to understand parametric and Non-Parametric tests. Will enable the students understand the Association of Attributes, Chi-Square test. Will help students to apply all the above techniques in their future research work.

• <u>Title: Managerial Economics</u>	 Students will be able to understand the meaning and nature of business economics as well as consumer choice the ory. Introduce students to the functions of production and cost. Help students under stand the meaning, nature, and concepts of macro economics. Help students understand various macroeconomic indicators
• Title: Computer Applications in Business	 To know the basics of Computer System,Computer Software & Hard wareand Information processing system. To understand the differences of types of computer systems, input-output devices, storage devices, communication devices, configuration of hard ware device sand the irapplications. To get practicall earningon M.S.Word,Excel,PowerPoint,InternetTe chnology,Applications, manager., control panel, paintbrush, calculator, desk top, my computer, settings, find, run etc
Title: Principles of Management	 It will make them able to discuss and communicate the evolution of management and the way it's going to have an effect on future managers. Enabledthemtoexplainthesignificanceof managementsystemandperceiveanumber ofthekeytalentsrequiredfor the current management practices. It will provide in depth knowledge of the systemof motivational ditsdiverse the ories. To make the students able topractice the process of management functions:Planning,Organizing,staffing,directing,andcontrolling. To know the various leadership styles to anticipate the consequences of each leadership Style.
	 Gain knowledge about the various aspects of management accounting. Apply the various techniques of

Title: Management Accounting	budgetary control in organization.
	• Explain the value chain analysis and activity based costing.
	• Prepare various types of reports.
Title: Investment Management	 Understandthevariousinvestmentavenuesa ndrisk-returnassociatedwiththem. Get in-depth knowledge about primary market, secondary market, trading, Estimatethevalueofshareswithhelpoffunda mentalandtechnicalanalyses.
• Title: Financial Management	 Tofamiliarizethestudentswithdifferentasp ectsoffinancialmanagement. To impart knowledge towards choosing best alternatives. Toacquaintthestudentswithcapitalbudgeti ngandriskanalysistechniques.
• Title: Business Communication	 Communicate effectively in a organizational environment Get an insight about the various practice in business communication Expresstherelevantandapplicablec ommunicationskillslike-speaking,writing,listeningandread ing Expressthemselvesintheprofessionalbusi nessenvironmentwithself-confidence
Title: Fundamentals of Management	 Express their knowledge towards planning, organizing staffing, direction and controlling Understand the classical, neo and system approaches of management Make good managerial decisions in official environment Take controlling steps regarding observed deviations
Title: Organizational Behaviour	• Demonstrate the basic concepts of

	organizational behavior
	 Understand and ensure the effective management of individual behavior Understand the group behavior
	• Get an insight on how to influence the human behaviour
• <u>Title: Portfolio Management</u>	 Studentswillgetacomprehensiveunderst andingoftheconceptofPortfolioanditsrel atedaspects. Studentswillgetadeepknowledgeofhowt omakeabetterportfoliowiththehelpofMa rkowitz'smodel,Sharpe'sIndexModelan dCapitalAssets Pricing Model. Studentswillcometoknowaboutthetechniq uesofPortfolioperformanceevaluation. Will enable the students to understand the premise of Behavioral Finance. Willequipthemwiththestrategies ofGreatMastersinthesphereofinv estmentmanagement.

• Title: Corporate Tax	 Student will get in depth knowledge about Corporate Tax and come to know that how there sidential status of Corporate Sector is being determined. Studentwillbecomefamiliarwiththeprovi sionsregardingdeterminationofincomeu ndervariousheads. Studentwillbecomefamiliarwiththevario usprovisionsregardingassessmentofchar itable trust, education institutions, political parties, co-operative societies and in come of non-residents. Students will come to know about the basic mechanism of Income Tax Act with special reference to assessment of cooperative sectors.
Title: Marketing Concepts and decisions	 Studentswillcometoknowabouttheconcep tofMarketingandproblemsinmarketing. Toknowthebasisformarketsegme ntation, Targetmarketing, positioni ngandtheconceptofproductlifecyc le. TheywillbecomefamiliarwiththePricing strategies&Distributionandlogisticsfact orsaffectingchoiceofadistribution. TogainknowledgeoftheprocessofNewP roductplanning&development, branding ,Packagingandlabeling. UnderstandingtheproductPromoti onalactivitiesi.e.advertising, public ity, salespromotionandpublicrelatio ns etc.
International Finance	 Explore the international integration of fin ancial markets and analyze implications fo rfinancial managers. Identify derivative instruments and strate gies used by multinational corporations to hedge financial risks. Apply critical thinkings kills in identify in gandevaluating international financial iss ues and information. Use analytical skills to identify and analyz

	 ematerialfactorsthatareinvolvedinbusin essproblems. Use information technology as a tool to do essential business tasks.
Title: Cost Accounting Standards and Reporting	 To develop an understanding on various aspects of cost accounting. Applythepracticalknowledgeofcostaccountingstandardsinorganizations. Gain knowledge about auditing practices.

• Corporate Tax Planning and Management	 Developanunderstandingaboutco nceptsrelatedtoplanningandcomp utationofcorporatetaxliability. Getinsightsabouttaxplanningwithrespec ttosettingupofanewbusiness,financialm anagementdecisions andsaleofscientificresearchdecisions Getinsightsabouttaxplanningwithrespe cttospecificmanagerialdecisionslikema ke/buy,lease/rentdecisions. Getaninsightabouttaxplanningwithrespec ttobusinessrestructuring.
Business Research Methods	 Acquisitionofbasicskills,toolsofresearc h,conceptofresearch,stagesandprocedur esofresearch Abilitytoapplytechnicalaspectsofresearch Acquisitionofnecessaryknowledgeoftheu seofcomputersandICTforresearch Get aninsightaboutreferencewriting.
• Human Resource Management	 UnderstandthebasicconceptsofHumanR esourceManagementandtoconceptualiz etheconceptsofrecruitmentandselection. Getaninsightaboutthevariousconceptsre latedtotraininganddevelopmentalongwi ththe significanceofworker's participationinmanagement. Evaluatetheimpactofemployees'morale onhis/herproductivity. Understandtherationalebehindthegrowtha nddevelopmentofTradeUnionsinIndia. Understand the significance of industrial relations along with to identify the reasonsresponsibleforindustrialun restinpractice.
• International Marketing	 UnderstandingofbasicsofInternational marketing. To understand the concepts of ExportIncentives,International PricingDecisions,Finance Procurement. Understanding of International Business

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	 Disputes, Legal and Ethical Issues inInternationalMarketing. TomakethemawareaboutExportDocumen tation. To understand the concept of International Marketing Research and MarketingInformationSyste m.
• Production Management	 Get indepthknowledgeoffunctionsandprocess ofproduction. Make properplanningandapplyvariouscontrollingtechniques. To takelocationdecisions inorganizations.