

Program specific outcomes for B.Sc. (Program) Life Sciences

Students enrolled in B.Sc. (Program) Life Sciences study and acquire complete knowledge of disciplinary and allied biological sciences. The Learning Outcomes-based Curriculum Framework (LOCF) is designed to afford a skeletal structure within which the programme can be developed to suit the need of the hour, in keeping with the emergence of new areas of life sciences. The framework is architected to allow for flexibility in programme design and course content development, while at the same time maintaining a basic uniformity in structure in comparison with other universities across the country. The B.Sc. (program) Life Sciences covers a wide range of basic and applied aspects of botany, zoology and chemistry courses as well as courses of interdisciplinary nature. The core courses that are a part of the programme are designed to build sound knowledge in the student, and furthermore, acquaints the students with the applied aspects of this fascinating discipline as well. The student is thus equipped to pursue higher studies in an institution of her/his choice, and to apply the skills learnt in the programme to solving practical societal problems. The programme offers a wide range of elective courses to the student. These include skill enhancement courses that prepare the student for an eventual job assignment. At the end of graduation, they have expertise which provide them competitive advantage in pursuing higher studies from India and abroad or seek jobs in academia, research or industries.

C-1

Classical Sanskrit Literature

(Poetry) (12131101)

[A] Course Objectives:

This course aims at getting the students acquainted with the general outlines of Classical Sanskrit Literature (Poetry) through classical texts.

[B] Course Learning Outcomes :

This course will help the students develop a fair idea of the works of great Sanskrit poets. They will be able to appreciate the styles and thoughts of individual poets focusing on the poetical, artistic, cultural and historical aspects of their works.

This course will enhance competence in chaste classical Sanskrit and give them skills in translation and interpretation of poetic works.

C-2

Critical Survey of Sanskrit Literature

(12131102)

[A] Course Objectives:

This course aims to get students acquainted with the journey of the Ārsha literature from the Vedas to the Purāṇas. It also intends to give an outline of three traditional śāstras i.e. vyākaraṇa, darśana and kāvya śāstra. .

[B] Course Learning Outcomes :

This course will help the students develop a fair idea of the works of great Sanskrit seers. They will be able to improve their knowledge about philosophy, socio-religious life, polity as depicted in the prescribed areas of study.

This course will also introduce them to three important śāstras.

C-3

Classical Sanskrit Literature

(Prose) (12131201)

[A] Course Objectives:

This course aims to acquaint students with Classical Sanskrit Prose literature. Origin and development of prose, important prose romances and Sanskrit fables are also included here for students to get acquainted with the beginnings of Sanskrit Prose literature. The course also seeks to help students negotiate texts independently.

[B] Course Learning Outcomes:

The course will enable students to familiarize themselves with some leading classical prose works and the individual literary styles of their authors. After the completion of this course the learner will be exposed to the socio-cultural conditions of the Indian society as reflected in the prescribed texts. They will acquire skills in advanced Sanskrit communication.

C-4

Self-Management in the Gītā (12131202)

[A] Course Objectives:

The objective of this course is to study the philosophy of self-management in the Gītā. The course seeks to help students negotiate the text independently without referring to the traditional commentaries so as to enable them to experience the richness of the text.

[B] Course Learning Outcomes:

This course will help students to learn to read the Gītā as a multipolar text which is open to several alternative interpretations.

This course will equip them with the practical skills to negotiate conflicts and emotional disturbances and define and pursue their goals with clarity and dedication. The course will instill leadership qualities in learners and also help them to grow as balanced and successful human beings who can face the challenges of life successfully

C-5

Classical Sanskrit Literature (Drama) (12131301)

[A] Course Objectives:

This course is intended to acquaint the students with three of the most famous dramatic works of Sanskrit literature which represent the three stages of the development of Sanskrit drama.

[B] Course Learning Outcomes:

After completion of this course the students will be aware about the beauty and richness of classical Sanskrit dramatic tradition. This course will enhance the ability for critical thinking on issues of culture, polity, morality, religion etc as reflected in the prescribed texts. The course will make the students aware of the formal structures of Sanskrit drama in the tradition of Bharata's natya Shastra.

C-6 Poetics and Literary Criticism (12131302)

[A] Course Objectives:

This course on Poetics and Literary Criticism aims at providing the students with the knowledge of fundamental principles of literary criticism in the Indian tradition on the basis of Kāvyaprakāśa and Sahityadarpana.

[B] Course Learning Outcomes:

This course will make students aware of with the skills to assess the merits or demerits of works on poetry, prose and drama. They will be able recognize the various genres of poetry, appreciate the objectives of poetry and also analyze the structure of a work in terms of the essential ingredients of poetry as propounded. Students will be inspired and encouraged to compose.

C-7 Indian Social Institutions and Polity (12131303)

[A] Course Objectives:

The aim of this course is to make the students acquainted with various aspects of social institutions and Indian polity as propounded in the ancient Sanskrit texts such as Samhitās, Mahābhārata, Purāṇa, Kauṭilya's Arthaśāstra and other works from Dharmasāstra and Nītiśāstra.

[B] Course Learning Outcomes:

After the completion of this course students will be able to connect the theoretical model propounded by the prescribed texts in the forms of saptanga theory, shadguna theories and mandala theories with contemporary governance issues . The learners will be able to see Dharma as dynamic institution. This will free them from the traces of fundamentalism and they should become more open minded and liberal. Learning and developing a critical approach about the institution of caste and women's issues will make the participants sensitive to discriminating practices.

C-8
Indian Epigraphy, Paleography and
Chronology (12135908)

[A] Course Objectives:

This course intends to provide students the knowledge of inscriptions in India through the ages. They get to study the development of various scripts including Brahmi and Kharoshthi used in ancient India. The course will further help students to co-relate various historical facts, chronology, literary elements and other information contents available in the inscriptions.

[B] Course Learning Outcomes:

This course will equip students with the necessary tools for the study of Indian inscriptions. They will learn ancient scripts and use their knowledge in studying more inscriptions later. Students will be able to read, collate and interpret inscriptions to reconstruct history. Thus, it will be useful for students who are interested in pursuing advance study in archaeology.

C-9
Modern Sanskrit
Literature
(12131402)

[A] Course Objectives:

The purpose of this course is to expose students to the rich & profoundly active tradition of modern creative writing in Sanskrit, enriched by new genres of writing.

[B] Course Learning Outcomes:

This course will enable the students to appreciate the Mahākāvya and

Charitakāvya, Gadyakāvya , Rūpaka, GītiKāvya and Other genres and General Survey of Modern Sanskrit Literature. It will create an awareness of the modern historicity of the modern Sanskrit literature.

C-10 **Sanskrit World** **Literature** **(12131403)**

[A] Course Objectives:

This course aims to expose students to the spread & influence of Sanskrit literature and culture through the ages in various parts of the world.

[B] Course Learning Outcomes:

Scholars who pursue this course will learn about the cultural contacts between India on the one hand and Europe, West Asia and South East Asia on the other during different phases of history. They will also see how colonialism distorted India's achievements in knowledge production.

They will become aware of Indo European linguistic and cultural affinities, spread of Indian fables, the Upanishads, the Gita and Kalidasa's works in the west. They will be able to appreciate the close relation between Upanishadic thought and Sufism.

They will study how Sanskrit literature has impacted India's cultural ties with South East Asian countries.

C-11 **Vedic Literature(12131501)**

[A] Course Objectives:

This course on Vedic literature aims to introduce three Vedic Samhitās and Vedic Grammar to Bachelor Degree students. Students will also be able to read and know about the contents of one famous Upaniṣad, namely, Muṇḍaka Upaniṣad, which propounds basic Vedānta-view. It will also facilitate the students to know about philosophical, moral, and scientific principles including the source of Indian Intellectual traditions of Vedic period .

[B] Course Learning Outcomes:

By reading these texts, students will have an impression of the depth of Vedic knowledge and will be able to realize that ideas of Vedic seers are based on philosophical, moral, and scientific principles.

By understanding them, students will be able to know and achieve some higher attributes from Vedic heritage about our culture, morals, and thoughts. Thus they may develop curiosity to know more about other Vedic texts and concepts as well.

After completing this course students will surely be able to communicate about some important Vedic verses with their meaning and teaching, and thus fundamentals of religious life of India will be revealed to them in its true form.

Students will understand the strength of Unity, power of mind, and will realize the importance of earth in their life. From the study of *Upaniṣad* they will know about philosophical and Psychological insights of our ancestors and can develop this learning further for the benefit of themselves in particular and society in general.

C-12 **Sanskrit Grammar:** **Laghusiddhāntkaumudī** **(12131502)**

[A] Course Objectives:

Sanskrit is much known for a long tradition of grammatical and semantic analysis of the language. Panini's grammar has always been highly respected for providing the best model for structural and semantic studies. This course intends to introduce to students the basic structure of Sanskrit language through the Laghusiddhantakaumudi , the premier text of Sanskrit grammar by Varadaraj.

[B] Course Learning Outcomes:

After completion of this course students will understand the basic structural nuances of Panini's grammar. They will become familiar with fundamental samdhi and compounding patterns. They will also understand some most important primary and secondary suffixes of Sanskrit. The practice of the application of the rules learnt from the reading of the texts will further enhance their knowledge of the structural patterns of Sanskrit language.

C-13 **Indian Ontology and** **Epistemology (12131601)**

[A] Course Objectives:

This Course aims at to get the students acquainted with the cardinal principles of the Nyaya-Vaisesika Philosophy and to enable students to handle Philosophical texts like Tarkasangrah in Sanskrit. It also intends to give them an understanding of essential aspects of Indian Philosophy like Realism, Idealism, Monism, Dualism etc.

[B] Course Learning Outcomes:

Students will become familiar with primary and one of the most important and influential school of Indian Philosophy i.e. Nyaya-Vaisesika through its basic text the Tarkasangraha. They will also be introduced to essential problems in philosophy - Causation, Ontology and Epistemology. This will enable them to engage with other texts in Indian philosophy with some ease.

C-14
Sanskrit Composition and
Communication (12131602)

[A] Course Objectives:

This paper aims at developing writing and speaking skills in Sanskrit. Students will learn also learn the art of translation from Sanskrit into Hindi and vice versa.

[B] Course Learning Outcomes:

This course will help the learners develop a critical, linguistic and scientific approach towards Sanskrit language. The practice of essay writing will make the students form ideas and express them in Sanskrit. This practice will also familiarise them with various shastric theories.

DSC

Indian System of

Logic and Debate

(12137901)

[A] Course Objectives:

This course aims to get the students acquainted with the Indian principles of debate and its applications, not just in philosophical

dialogue, but in every sphere of knowledge.

[B] Course Learning Outcomes:

This course will provide knowledge of the principles of debate according to the Nyaya School. It will develop logical faculty of their minds and help them to perceive the world in a more rational way. They will develop the skill to present their arguments in a more structured manner and to see through fallacious arguments given by others.

DSC

Art of Balanced Living (12137902)

[A] Course Objectives:

The course aims to make students aware of the importance of balance in life and to make them aware of the theoretical and practical aspects of Balanced Living inherent in Sanskrit texts and apply them to live a better life. Graduates who read this course should be able to see that in order to bring balance in life, a proper understanding one's life situation is necessary. For this understanding, shravana manana and nididhyasana are important tools.

Graduates must know the true essence of listening (acquisition of information) manana (reflection) and nididhyasana (unflinching commitment). In this segment students can learn how to improve concentration. They will be able to identify the causes for indecisiveness and confusion and will learn how emotional stability can lead to clearer thinking. This section should help students to understand the importance of Ashtang yoga and Kriyayoga for the purification mind. Team work and social cohesion require inter personal skills. One needs to know that one's behaviour can create conflicts. Learners should know how to improve their behaviour through jnana, dhyan, karma and bhakti yoga. Student should learn how active engagement with action is most conducive to healthy and successful living. By reading this segment, leaners should develop a more balanced approach to life.

[B] Course Learning Outcomes:

Graduates who read this course will acquire the necessary tools for a balanced life. They will know the true essence of listening (acquisition of information) manana (reflection) and nididhyasana (unflinching commitment). In this segment students can learn how to improve concentration. They will be able to identify the causes for indecisiveness and confusion and will learn how emotional stability

can lead to clearer thinking.

This section will help students to understand the importance of Ashtang yoga and Kriyayoga for the purification of mind.

Team work and social cohesion require inter personal skills. Here students will know how to improve their behaviour through jnana, dhyan, karma and bhakti yoga. Students will also understand how active engagement with action is most conducive to healthy and successful living.

DSE-5

Sanskrit Linguistics (12137905)

Course Objectives:

This course aims to provide knowledge about the linguistic features of Sanskrit and its close affinity with the Avestan and the Prakrits.

[B] Course Learning Outcomes:

Students will develop a scientific approach to the study of languages; they will become aware of the linguistic structure of Sanskrit and see its close relation with the Avestan and Prakrits

DSE-7

Fundamentals of Āyurveda (12137908)

[A] Course Objectives:

Āyurveda is the most ancient but alive traditional healthcare system in India. Through the classroom lectures and discussions, this course will introduce students to the theory of Āyurveda. The major objective is to make them understand the basic principles and concepts of preventative and curative medicines, health maintenance, diet and nutrition, usage of commonly used spices and herbs and therapeutic procedures in Āyurveda

[B] Course Learning Outcomes:

Graduates who read this course should be able to know the ancient tradition of Indian Medicine system, which has focused not only to the physical health but a healthy lifestyle.

After reading this paper students will know the history of Āyurveda through original sources of ancient medicine system enshrined in Sanskrit texts like Charaka Saṁhitā, Śuśruta Saṁhitā, Aṣṭāṅga Hṛdaya etc. and they will also get the basic knowledge of eight departments of Āyurveda.

Second section of this paper is related to ancient physiology. In this section students will get acquainted with the basic concept of Triguna, Pañcamahābhūtas, Tridoṣas, Saptadhātus, Trayodosāgni, Trimālas, SvasthaVṛtta etc. which will help students to develop Āyurvedic understanding of lifestyle and concepts of preventive medicine. Āyurveda prescribes different food habits in different seasons. After reading this section students will be able to understand seasonal regimen & social conduct and its effect on health. It will develop their understanding of Health and Disease as explained in Āyurveda, and the way of diagnosing the illness.

Taittirīyopaniṣad - Bhṛguvalli will be taught in the third section of this paper. Our Rṣis were not only concerned about the physical health of individuals but also about the holistic health

i.e. including mental, social and spiritual well being. By reading this portion of Upaniṣad student would develop a more balanced approach towards life.

GE-2 Indian Culture and Social Issues (12135902)

[A] Course Objectives:

This paper is designed to introduce nuances of Indian culture to students and to show how cultural traditions have evolved. The paper also engages them in debates about certain significant socio-cultural issues.

[B] Course Learning Outcomes:

The first unit of this section aims at the basic understanding of culture and civilization at large dimensions, on the basis of which they will be able to evaluate Indian culture in modern terminologies.

The second unit deals with evolution of Indian culture through different ages from ancient times to the modern age with the symbiosis of alien elements e.g. Islamic and other foreign traditions.

The third unit aims at highlighting the undercurrent of Sanskrit-led culture in vernacular as well as urban shades of cultural life. By studying this course a student will be able to perceive India's various cultural identities as enriched by Sanskrit language and literature. In this section the student would be acquainted with the fundamental principles of indigenous law and statutes from original Sanskrit sources e.g. Mahabharata, Manusmṛiti, Yajnavalkya Smṛiti etc. The

student will also be able to understand the status and rights of women in ancient Indian society. They will be aware the elasticity and adaptability of Hindu code of conduct as its essential quality, with the change and demand of time. This section would inculcate among the students the capability of debating and ways of arousing valid questions within and to the tradition and find out the efficient answer to cope up with the modern problems.

GE-4

Basic Principles of Indian Medicine System (Ayurveda) (12135904)

Credits 60

[A] Course Objectives:

Āyurveda is the most ancient but alive traditional healthcare system in India. Through the classroom lectures and discussions, this course will introduce students to the theory of Āyurveda. The major objective is to make them understand the basic principles and concepts of preventative and curative medicines, health maintenance, diet and nutrition, usage of commonly used spices and herbs and therapeutic procedures in Āyurveda

[B] Course Learning Outcomes:

Graduates who read this course should be able to know the ancient tradition of Indian Medicine system, which has focused not only to the physical health but a healthy lifestyle.

After reading this paper students will know the history of Āyurveda through original sources of ancient medicine system enshrined in Sanskrit texts like Charaka Saṁhitā, Śuśruta Saṁhitā, Aṣṭāṅga Hṛdaya etc. and they will also get the basic knowledge of eight departments of Āyurveda.

Second section of this paper is related to ancient physiology. In this section students will get acquainted with the basic concept of Triguna, Pañcamahābhūtas, Tridosas, Saptadhatus, Trayodosāgni, Trimālas, SvasthaVṛtta etc. which will help students to develop Āyurvedic understanding of lifestyle and concepts of preventive medicine. Āyurveda prescribes different food habits in different seasons. After reading this section students will be able to understand seasonal regimen & social conduct and its effect on health. It will develop their understanding of Health and Disease as explained in Āyurveda, and the way of diagnosing the illness.

Third section of this paper is related to the Dietetics, Nutrition and Treatments in Āyurveda. Students will get to know the Āyurvedic point of view on nutrition and metabolism, Classification of Āhāra (compatible

foods) according to Āyurveda and Viruddhāhāra (incompatible diet) & role of diet. After reading this section students will get the basic knowledge of Āyurvedic treatments, their method and classification of treatments, like Pañcakarma, Therapeutic vomiting (Vamana), Purgation Therapy (Virechana), Enema (Basti), Nasal Administration – Nāsyā, Blood Letting (Raktamokṣaṇa) etc.

Last section of the paper is related to medicinal plants. Students will get equipped with the knowledge of some extremely important plants which are available in their surroundings like Tulsī, Haridrā, Ghṛtakumārī, Brāhmī, Āmalā, Aśwagandhā, Neema Plant etc. and will be able to use them in necessity.

GE-7
Ancient Indian
Polity
(12135906)

[A] Course Objectives:

The aim of this course is to make students acquainted with various aspects of Political institutions and Indian polity as propounded in ancient Sanskrit texts from vedic samhitās to later texts in the dharma śāstra and artha śāstra traditions.

[B] Course Learning Outcomes:

Learning Outcome : This course is designed for UG students who are from disciplines other than main Sanskrit discipline . It should be a great opportunity for these students to understand the nature of ancient Indian polity from original Sanskrit sources from Vedic texts to Dharma shastra and Niti texts.

In this section students will be able to understand various types of states in ancient India. They should know that despite of monarchy as prime form of governance, there was also a parallel republican system. With the study of the Saptanga theory of ancient Indian polity, students will be able to learn how the state is an organic entity and how optimum functioning of each organ is necessary for the smooth functioning of the whole.

Upon reading this section, students are expected to appreciate the well designed administrative structure of ancient India. They should be able compare ancient and contemporary models. They will know that despite a

monarchical system, sovereign was not autocratic. He was well controlled by his subordinates.

This section deals with internal and external security and financial growth of the state. Students will be able to understand various aspects of ancient law, justice, taxation and diplomacy.

The study of these sections must enable students to connect this theoretical model with contemporary governance issues in India. The shadguna and mandala theories provide a practical and pragmatic understanding of foreign relations and tell how international diplomacy is to be conducted.

GE-11

Nationalism and Indian Literature (12135911)

[A] Course Objectives:

The aim of this course is to make the students acquainted with the broad streams of Indian Nationalistic trends as propounded in the ancient, classical and modern Sanskrit literature. The course tries to highlight the struggle of Indian people against colonialism in nineteenth century by focusing the nationalistic ideologies of prominent national leaders with special reference to Mahatma Gandhi on the basis of modern Sanskrit works. The course also focuses the nationalistic thought of modern Sanskrit, Hindi and Urdu poetry. This course will provide opportunity to understand basic features of Indian political thoughts propounded by our ancestors and modern thinkers, and hence students will be able to analyze them in present global perspective. National pride is always related with the glory of national ideas.

[B] Course Learning Outcomes:

After completing this course, students will realize about the importance of Nation in their upbringing. They will have admiration for their Nation and will like to know more and more about the National heritage. Socio-Religious Nationalist thoughts of our seers, freedom fighters, and modern thinkers will give them wider vision to understand Nationalism. The study of important and famous poems of Sanskrit, Hindi, and Urdu poets will create new interest and social harmony in students.

AEEC-1
Acting and Script Writing
(12133901)

Course Objectives:

The acting is connected with the practical aspects of the play works. It portrays a close relationship of the scriptwriter with the society he lives in. This paper aims at teaching the theoretical aspects of this art. The practice of composition and performance of drama can further enhance one's natural talent. This paper deals with the rules of performance of play (acting) and dramatic composition (script writing) and aims at sharpening the dramatic talent of the students.

COURSE LEARNING OUTCOME- Students will learn the skills of developing a story or an incident to a writing of the script of the play.

AEEC-3
Machine Translation: Tools and Techniques
(12133903)

COURSE OBJECTIVE- This course will introduce the theory and practice of computer based translations and expose the students to the internal processes and inter module interactions in a typical Machine Translation (MT) system

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Course Learning Outcomes:

The course-level learning outcomes that a student of this course will be able to demonstrate are indicated below:

- Learn the origin and Development of Machine Translation
- Basic Introduction of Machine Translation
- Human vs Machine Translation
- Concepts to ideal various methodologies used on Machine Translation System.
- Using guidelines of the Machine Translation system : Google and Bing

Evaluation and Challenges in Machine Translation

The students will learn the advance form of Sanskrit language as one of the modern Indian Language through the practice of simple Sanskrit writings. The stories and verses prescribed in the course will help the learners develop an understanding of the moral and ethical values that will be useful in their day to day life situations. They will be familiar with the rich history of Sanskrit Literature. This course will enhance their skills of chaste Sanskrit pronunciation as well as competence and performance of the language. This will help them translate and explain the prescribed Sanskrit texts in their native language.

Sanskrit as MIL A1, AECC-1, Advance))

Sanskrit Literature

(72132801)

Max. Marks : (75+ 25 = 100)

Credits : 24

[A] Course Objectives:

This course aims at making the students acquainted with general outline of Sanskrit literature. This course will help the learners be familiar with the tradition of Prose literature with some focus on individual contributors of Sanskrit prose writing.

[B] Course Learning Outcomes:

The students will learn the advance form of Sanskrit language as one of the modern Indian Language through the practice of simple Sanskrit writings. The stories and verses prescribed in the course will help the learners develop an understanding of the moral and ethical values that will be useful in their day to day life situations. They will be familiar with the rich history of Sanskrit Literature. This course will enhance their skills of chaste Sanskrit pronunciation as well as competence and performance of the language. This will help them translate and explain the prescribed Sanskrit texts in their native language.

Bachelor of Business Economics (B.B.E)

1. To develop an in-depth understanding of theoretical constructs of economics, management and research methods.
2. To equip students with skills that enable them to perform as managers, economists and researchers in the areas of finance, marketing, econometrics, entrepreneurial and start-up skills.
3. To foster research acumen through the use of relevant software, econometric modelling, economic/financial data and live projects.
4. Enhance the ability of students to analyze and interpret data to take effective managerial decisions in various departments.

Programme Specific Outcomes

1. The course being a blend of management, quantitative skills and economics disciplines, students graduating from this programme are expected to possess both subject specific and generic skills.
2. Recognise the importance of key theories and practices in the broad areas of business and economics.
3. Conduct quantitative assessment of business situations keeping in line with professional standards and moral values and recommend appropriate courses of action which satisfies all stakeholders.
4. Demonstrate computational skills and data modelling skills required in handling economic and business related problems.
5. Analyse and synthesize information as well as data across disciplines in order to evaluate business opportunities from local, global and economic perspectives to make sound business decisions.

Course Outcomes

1. **Disciplinary Knowledge:** Students will become capable of demonstrating comprehensive knowledge and understanding of the business and economic disciplines that are an integral part of this course.
2. **Communication Skills:** Students shall develop the ability to express thoughts and ideas effectively in writing and orally; confidently share their views; demonstrate the ability to listen carefully; read and write analytically; and present complex information in a clear and concise manner using appropriate software.
3. **Problem Solving:** Students shall have the capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge and apply their learning to real life situations.
4. **Analytical Reasoning:** Students shall develop ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyze and synthesis data from a variety of sources; draw valid conclusions and support them with evidence and examples, and shall be capable of addressing opposing viewpoints.
5. **Digital Literacy:** Students shall learn to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.
6. **Leadership Qualities:** Students shall develop a practical capability for mapping out the tasks of a team or an organization, and setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, in a smooth and efficient way.

7. Research Related Skills: Students shall develop a sense of inquiry and capability for asking relevant/appropriate questions, synthesizing and articulating, ability to recognize cause and effect relationships, define problems, formulate and test hypotheses, analyze, interpret and draw conclusions from data.

<https://gargicollege.in/academic/business-economics/>

B.Com (H)

Programme Learning Outcomes for B.Com (Hons)

B.Com (Hons.) Programme aims to equip students with the knowledge, skills and attitude to meet the challenges of the modern-day business organizations. The curriculum of B.Com. (Hons.) degree provides a carefully selected subject combination of Accounting, Economics, Finance, Management, Tax, Marketing and Law etc. The programme aims to nurture the students in intellectual, personal, interpersonal and social skills with a focus on Holistic Education and development to make informed and ethical decisions and equips graduates with the skills required to lead management positions. This programme brings out reflective and scientific thinking in the students which makes them inquisitive and curious to get deep insights of the business world and tackle the complex situations with much knowledge and wisdom.

B Com(H) Semester 1

Financial Accounting (Paper BCH 1.2)

This paper teaches the conceptual knowledge of Financial Accounting and the techniques for preparing accounts in different types of organisations and in specific accounting situations. Students learn the BCH theoretical basis of financial accounting, accounting principles and standards and inventory valuation. The paper also teaches students preparing accounts for depreciation, hire purchases, branches, lease, departments and dissolution of partnership firms. The students also learn to apply latest accounting standards while understanding the concepts preparing the accounts applying those concepts. The paper also helps the students in learning preparation of financial statements using computer software "Tally" version ERP 9.

Business Law (Paper BCH 1.3)

Learning Outcomes - The objective of the course is to impart basic knowledge of the important business laws along with relevant case laws..The students learn the difference between agreement and contract .They also understand the essentials of a valid contract and the different types of contract. Each of the essentials are discussed in details with case laws and examples to help students comprehend the topic and to have a deeper understanding of the paper. Special type of contracts e.g.indemnity and guarantee ,bailment and agency contracts too are explained in detailed highlighting the definition,essentials,rights of surety bailor bailee

After understanding contract act ,the students are acquainted with limited liability partnership . Its difference from other forms of businesses.Their creation dissolution winding up is also taught to the students. The students also learn about Sale of Goods Act.this helps the students to understand that there are different types of goods and what all is included in the term Goods. This paper also throws light on the Information and Technology Act. Its objective as well s the offences and penalties covered under this Act

Paper BCH 1.4b : BUSINESS ORGANIZATION AND MANAGEMENT (GE)

The objective of this paper is to equip students with the world of business organization and management and explore the business activities to compete in a competitive environment. Through this paper, students will be able to understand the nature of organization and management, explore entrepreneurship from a local to international perspective, forms of business ownership, the impact of legal, social, and economic environment on business, role of leadership, motivation. Furthermore, it will prepare them to better analyze business problems and increase efficiency.

B Com(H) Semester 2

Corporate Accounting

The objective of the paper is to acquire the conceptual knowledge of corporate accounting and also to understand the various techniques of preparing accounting and financial statements. After completing the course, the student shall be able to:

- Develop an understanding of accounting for share capital and debentures
- Prepare financial statements of a company
- make cash flow statements from the given information
- Understand the accounting of amalgamation and liquidation of companies
- Prepare consolidated Balance Sheet of a company

CORPORATE LAW BCH 2.3

The objective of the paper is to impact basic knowledge of the Companies Act 2013 and the Depositories Act 1996. Case studies are also discussed to understand the topic. The paper involves a thorough understanding of the definition of company ,the kinds of companies,its formation as well as how it can be dissolved .It also discusses the various documents which have to be filed with the registrar for forming the company . An in depth study about clauses in Memorandum of Association and its alteration is done to help students understand the creation of the company. Articles of Association and its alteration too are covered. Prospectus and the consequences of a misleading prospectus too is discussed,.The subject also covers meetings its kinds ,dividends as well as the Depository Act .

B Com(H) Semester 3

BCH 3.1. Human Resource Management

The objective of this paper is to enable learners to understand the importance of human resources and their effective management in organisations. After completing the paper, the student shall be able to understand the basic nature and importance of human resource management in organisation. Analyze the current theory and practice of recruitment and selection. Realize the importance of performance management systems in enhancing employee performance. Recommend actions based on results of the compensation analysis and design compensation schemes that are cost effective, that increase productivity of the workforce, and comply with the legal framework. Understand the role of modern HRM in meeting challenges of changing business environment.

Income Tax Law and Practice

The objective of this paper is to provide basic knowledge and equip students with application of principles and provisions of Income-Tax Act, 1961. The subject introduces the concept of Income Tax, for individuals and firms. The objective of the paper is to familiarize students with the basics of taxation, including definitions, exemptions, etc. Students learn different provisions and calculation of taxes under various heads of income. The paper also teaches students how to manage their taxes, and make best use of various deductions to be able to plan their taxes better. Students also learn how to file their taxes online using an Excel Utility i.e. e-filing of tax returns on ITR-2.

Management Principles and Applications, (Core course C-7) [CBCS (wef academic year 2015-16)]

Course Learning Outcome: It equips students with understanding of the basic concepts of management, its principles and its applications. It creates a basis for pursuing higher studies in area of management. It familiarizes students about the latest developments and contemporary theories of management. After studying the paper the student shall be able to:

Understand the concept of managerial functions, Coordination, evolution of management thought and also understand the challenges of management in the global scenario.

Concept of Planning, Strategic planning, Concept and components of business environment, Environmental Analysis and diagnosis. Decision Making- Concept, process and techniques.

Understand the concept of Organising, principles of organising and types of organisation structure.

Concept of Staffing -the recruitment and selection process, Motivation and the major motivation theories, Leadership-concept and major theories of leadership. Communication.

Concept, process, principles of effective control and the major techniques of control.

E-COMMERCE

Course learning Outcome: It enables the student to become familiar with the mechanism for conducting business transactions through electronic means. Students also learn how to design webpage and come to know that how to develop career in E-COMMERCE world.

Project management and techniques (GE)

Project management is high in demand in a variety of industries and so is the need of project managers. In today's economy, irrespective of industry, project management finds its wide application. – Organizations today face fierce competitions. They need to combat global challenges. And must respond to internal/external issues without undue delay.

In response to these challenges, the syllabus of this subject is designed in a way which can help students to know how organizations need a structured approach to plan, organize, control and manage their resources (& internal capabilities) to deliver timely results. And how these results should be aligned to business goals and needs of today.

B Com(H) Semester 4

Computer Applications In Business

The objective of the paper is to provide computer skills and knowledge for students and to enhance their understanding of usefulness information technology in business operations. Students learn to perform word processing, spreadsheet for data analysis, database management, and preparing presentations using the appropriate software applications. Requisite theoretical concepts round-off their knowledge about computers. As a result of the course, students are enabled to make use of computer applications for more effective and efficient results in various areas of business.

Cost Accounting

The basic objective of cost accounting is to impart knowledge about the use of Cost Accounting to overcome the limitations of financial accounting for the purpose of BUDGETING and PROFIT MAXIMISING with efficient managerial planning and controlling.

It has given knowledge of elements of cost-Material, Labour and Overheads. Methods to be used for ascertainment of cost of production differ from industry to Industry. Job costing, Contract costing, Process costing and operating costing are methods used in practical life.. Students r given all this practical knowledge in this paper syllabus. To become entrepreneurs students u do beginning financial planning and budgeting.

Business Mathematics [Core Course (C-9)] CBCS (wef academic year 2015-16)

Course learning Outcomes: It Familiarises the students with the basic mathematical tools with emphasis on business and economic situations. In addition students learn and work on software packages to solve linear programming problems and analyse the results. It enables students to apply mathematical techniques to business and economic problems.

COLLECTIVE BARGAINING AND NEGOTIATION SKILLS

To understand the concept and theories of collective bargaining, and also to provide exposure to the required skills in negotiating a contract.

After completing the course, the student shall be able to:

- Identify issues in collective bargaining, its significance.
- Understand the levels, coverage and agreements of collective bargaining.
- Work on liaison in negotiations
- Differentiate between negotiations, collective bargaining and use of its approaches.
- Administer the negotiation agreement and handle grievance management

Economic regulation of domestic and foreign exchange market – GE

It aims to provide knowledge of various economic regulatory bodies which design, formulate and implement business ecosystems within and across the country. The paper focuses on MSMED Act, Consumer protection Act, Competition Act, etc. In depth Understanding of these acts facilitates practical application and also vital for professional growth of the students.

B Com(H) Semester 5

Advertising

The objective of this paper is to familiarise the students with the basic concepts of tools and techniques of advertising used in marketing to communicate successfully with their consumers. Thorough coverage of various issues related to advertising has been done in this syllabus such as the communication process, marketing communication, role and importance of advertising, types, objectives of advertising, budgetary decisions, media decisions, message formation, measuring advertising effectiveness, agent-client relationship, various social, ethical and cultural issues along with the legal framework governing advertising.

Financial Management (Paper-BCH 5.2/UPC-22411502)

The objective of this paper is to familiarize the students with the principles and practice of financial management.

After completing the course, the student shall be able to:

1. Explain the nature and scope of financial management as well as time value of money and risk return trade off
2. Analyze capital budgeting process and capital budgeting techniques
3. Estimate various capital structure theories and factors affecting capital structure decisions in a firm
4. Critically examine various theories of dividend and factors affecting dividend policy
5. Evaluate working capital requirement

Subject Name: Management Accounting (BCH-5.5 DSE Group A (a))

The objective of the paper is to impart knowledge about the concepts, methods and techniques of management accounting for the purpose of managerial planning, controlling, organising and decision making.

Course learning Outcomes:

After studying the paper, the student shall be able to understand the following:

- Conceptual framework of Management Accounting, relationship with Financial Accounting and Cost Accounting.
- Concept of Budgets, Budgeting, Preparation of Budgets and Budgetary Control System as a managerial control tool.
- Concept of Standard Cost and Standard Costing system as a managerial control tool.
- Concept of Marginal Costing and Absorption Costing; Cost-Volume-Profit Analysis and its application.
- Relevant and Irrelevant Costs in the light of Decision Making; Use of Differential Costing technique.
- Cost Control, Cost Reduction, Responsibility Accounting, Divisional Performance Measurement and Transfer Pricing.

PRINCIPLES OF MARKETING

The objective of this course is to provide basic knowledge of concepts, principles, tools and techniques of marketing and to provide knowledge about various developments in marketing.

After completing the course, the student shall be able to:

- Develop understanding of basic concepts of marketing, marketing philosophies and environmental conditions affecting marketing decisions of a firm.
- Understand the dynamics of consumer behaviour and process of market selection through STP stages.
- Understand and analyze the process of value creation through marketing decisions involving product development.
- Understand and analyze the process of value creation through marketing decisions involving product pricing and its distribution.
- Understand and analyze the process of value creation through marketing decisions involving product promotion and also to equip them with the knowledge of various developments in the marketing area that may govern marketing decisions of a firm.

BUSINESS STATISTICS

Course Objective is to familiarize students with the basic statistical tools used to summarize and analyze quantitative information for business decision making.

After completing the course, the student shall be able to:

- Acquire a fair degree of proficiency in comprehending statistical data, processing and analysing it using descriptive statistical tools.
- Gather knowledge about various probability concepts and distributions and their business applications.
- Understand the relationship between two variables using concepts of correlation and regression and its use in identifying and predicting the variables.
- Develop an understanding of the index numbers and their utility in daily life and stock market.
- Become aware of the patterns revealed by the time series data and to use it to make predictions for the future.

FINANCIAL MARKETS, INSTITUTIONS AND FINANCIAL SERVICES

It aims to provide knowledge of financial markets, institutions, the regulatory framework, financial system and its participants. Students gain knowledge about different financial markets and their roles, types of various financial market instruments. It also aims to give knowledge of financial institutions like commercial banks, development financial institutions, NBFCs, etc.

B Com(H) Semester 6

AUDITING AND CORPORATE GOVERNANCE Paper BCH 6.1

The objective of this paper is to provide knowledge of auditing principles, procedures and techniques in accordance with the current legal requirements and professional standards.

After completing the course the student shall be able to understand:

- 1 The basic principles and techniques of auditing, Audit planning and Audit procedure. Company Auditor-Qualifications.appointment, rights and duties..Auditor's report.Special areas of audit.
- 2 The meaning, models and theories of corporate governance. Insider trading, Green Governance.Clause 49 of listing agreement..Whistle Blowing .Shareholder activism.
- 3 Major Corporate Governance failures,Common Governance problems noticed in various Corporate Failures,
- 4 Business Value and ethics.Various approaches to business ethics;Ethical Governance.Corporate ethics.Ethics committee.
- 5 Corporate Philanthropy, CSR and corporate sustainability..Environmental Aspect of CSR, CSR provisions under Company Act 2013 .Global Reporting initiatives.ISO 26000.

Financial Reporting and Analysis (Ms. Hansika Khurana)

The objective of the paper is to make students understand, analyse and interpret the basic framework of financial reporting. The students are familiarized with the basic concepts of financial reporting, including structure and composition. Various aspects of financial reports are covered including assets, inventory, leases, revenue, etc. Students also learn how to calculate financial ratios from Financial Reports of a company. International Financial Reporting Standards (IFRS) are also covered to give students an all round understanding of the subject matter.

B.C.H 6.4 DSE Group B (b): Consumer Affairs and Customer Care UPC: 22417602

This paper seeks to familiarize the students with their rights as a consumer and provide understanding of the social framework of consumer rights and legal framework of protecting consumer rights. This paper covers the Consumer Protection Act 1986 and the Competition Act 2002 in detail.

GST & Customs Law

To impart knowledge of principles and provisions of GST and Customs law, the important legislation dealing with indirect tax system in India; and to enable the students to apply the same practically.

After completing the course, the student shall be able to:

- Connect with the genesis GST, decipher the constitutional amendment carried out to install GST in India and comprehend the composition and working of GST Council.
- Understanding the meaning of supply under GST law, differentiate between intrastate and interstate supply, comprehend rules related to the place of supply and compute the value of supply.
- Comprehend the utilization of input tax credit, and the reverse charge mechanism of paying GST and to know the procedure for claiming refund under GST law.
- Know the basic concepts of Customs Act and to compute the assessable value of charging customs duty.

Organizational Behaviour

The paper focuses mainly on employee behaviour at workplace and the interactions that happens between individuals and between organisations and individuals. It covers employee behaviour at individual level, group level and students also get to understand the role of organizational structure and culture on those working within organisations. It deepens and sharpens the student's understanding of self and those around and they get to learn how to adapt themselves and their behaviour in various situations. They also understand how organizations function- and that its people who run these organisations. So, the paper opens them to a better understanding of their own self.

Subject Name: Fundamentals of Investment (6.4 DSE Group B (a))

The objective of the paper is to familiarise the students with different investment alternatives, introduce them to the framework of their analysis and valuation; and highlight the role of investor protection.

Course learning Outcomes:

After studying the paper, the student shall be able to understand the following:

- Concept of Investment, Type of Investments, Investment Alternatives, Investment Decision Process, Investment Environment and Structure of Indian Securities Market.
- Concept and Types of Risk and Return of a security and their measurement. Effect of Taxes and Inflation on Investment Return.
- Features of Bonds, Types of Bonds, their Valuation and Measurement of Yield; Credit Rating and its process.
- Approaches to Equity Analysis- Fundamental Analysis, Technical Analysis and Efficient Market Hypothesis; Valuation of Equity shares using Dividend Capitalisation Model and Price-Earnings Multiplier.
- Concept of Portfolio and Diversification, Portfolio Return, Portfolio Risk and their measurement. Portfolio Theory of Portfolio Selection, derivation of Efficient Frontier and Optimal Portfolio, Capital Market Theory, and Capital asset Pricing Model, Capital Market Line and Security Market Line.
- Concept of Mutual Fund, Types of Mutual Fund Schemes and Costs and Returns of Mutual funds.
- Concept of Financial Derivatives- Forwards, Futures and Options, Pricing of Futures, Types of Options and measurement of their Payoffs; and Derivatives market in India.
- Role of Securities Exchange Board of India and Stock Exchange in Investor Protection. Investor grievances, their redressal system, Insider Trading, Investors' Awareness and Investors' Activism.

BCH 6.4, DSE: International Business

This paper aims to introduce students to the international business, trading and financial environment. Students are also expected to understand the basic features of the foreign exchange market and types of exchange rates. The paper also creates awareness about emerging issues such as outsourcing and environmental sustainability in the context of international business.

After completing the paper the student shall be able to understand:

The process of globalization, its impact on the evolution and growth of international business and to appreciate the changing dynamics of the diverse international business environment. Analyze the theoretical dimensions of international trade and intervention measures adopted; to appreciate the significance of different forms of regional economic integration and to understand the concept of Balance of payment account and its components. Understand the significance of different forms of regional economic integration and to appreciate the role played by various international economic organisations such as the WTO, UNCTAD, IMF and World Bank. Familiarize students with the international financial environment, and get them acquainted with the basic features of the foreign exchange market – its characteristics and determinants. Critically examine the concept and form of foreign direct investment, and to create awareness about emerging issues in international business such as outsourcing and ecological issues.

B.Com (P)

Programme Learning Outcomes for B.Com (Prog)

B.Com offers a deep dive into various facets of commerce and business. The curriculum of this programme provides a carefully selected subject combination of Accounting, Management, Tax, Finance, Marketing and Law. The programme will be able to make the students blend theoretical concepts with practice, furthering students with a better skill set and a fresh perspective. This programme will be able to give insight to the students of the day to day commercial procedures for becoming good leaders and assets for an organization.

B Com Semester 1

Financial Accounting

The basic objective of this paper is to help the students gain an understanding of the theoretical framework of accounting and to impart them with the knowledge required to prepare financial statements. The course enables the students to learn how to determine depreciation and value inventory. Moreover, they develop an understanding of accounting for hire purchase transactions and lease transactions as well as branch and departmental accounting. Furthermore, students are imparted with skills related to preparation of trading and profit and loss account and balance sheet using computerized accounting software Tally version ERP 9.

BUSINESS ORGANISATION AND MANAGEMENT

The objective of this course is to develop an understanding about functions of management and challenges faced by organisations with changing dynamics.

The learning outcomes are to enable the student to understand dynamics of business organisation and management practices with respect to stakeholders. To understand varied perspectives related to business environment and entrepreneurship. To analyse how organisations adapt to an uncertain environment and decipher decision making techniques managers use to influence and control the internal environment. To analyse the relationship amongst functions of management i.e. planning, organising, directing and controlling. To appreciate the change in working pattern of modern organisations.

B Com Semester 2

Business Maths and Statistics

This paper covers certain basic concepts of maths and statistics which have practical applications in business world and research and can also help students in academic areas, especially in understanding various concepts of economics. Basic concepts are taught to the students, with emphasis being more on practical application of the concept in business world. It improves the analytical abilities of the students and makes it possible for them to take up research oriented subjects in future.

BUSINESS LAWS

The objective of this course is to impart basic knowledge of the important business laws relevant to conduct general business activities in physical and virtual spaces along with relevant case laws. The learning outcome of this paper is to enable the student to understand basic aspects of contracts for making the agreements, contracts and subsequently enter valid business propositions. To handle the execution of special contracts used in different types of business. To learn legitimate rights and obligations under The Sale of Goods Act. To acquire skills to initiate entrepreneurial ventures as LLP. To understand the fundamentals of Internet based activities under The Information and Technology Act.

B Com Semester 3

Company Law

Company Law is a fundamental paper taught to students of Commerce. It familiarises them to the basic corporate law- how companies are formed, how they are managed and run and under what circumstances they can be wound up. The paper covers some important cases in company law, which helps students better understand the concepts. Being students of commerce and studying subjects like accountancy and management, which pertain to companies, it becomes absolutely essential for them to have a basic understanding of company law provisions.

Computer Applications In Business

The objective of the paper is to provide computer skills and knowledge for students and to enhance their understanding of usefulness information technology in business operations. Students learn to perform word processing, spreadsheet for data analysis, database management, and preparing presentations using the appropriate software applications. Requisite theoretical concepts round-off their knowledge about computers. As a result of the course, students are enabled to make use of computer applications for more effective and efficient results in various areas of business.

Income Tax and Practice

To provide basic knowledge and equip students with application of principles and provisions of Income-tax Act, 1961. The subject introduces the concept of Income Tax, for individuals and firms. The objective of the paper is to students will gain a working knowledge regarding computation of taxable income and tax liability pertaining to individuals/ firms. The paper also teaches students how to manage their taxes, and make best use of various deductions to be able to plan their taxes better. There shall be practical examination on E-filling of Income tax Returns ITR 2 using a software utility tool. The student is required to Form and generate the XML file.

Company law

Company Law is a fundamental paper for commerce students who study company accounts and management accounts. It is important for them to have knowledge about latest legal company law provisions. present syllabus imparts knowledge about features of company formation (on line process), latest provisions of internal and external mgt, raising of share capital through issue of prospectus . D-Mat system is the basic for students to understand to deal with stock market . they are given full knowledge about this with latest company Act, 2013 with latest amendments. Syllabus of C. law has also covered types of company meetings, dividend distribution, online filing of documents, winding up of company etc. For commerce students it is essential to have all such basic knowledge.

B Com Semester 4

Subject Name: **Corporate Accounting**

The objective of the paper is to impart conceptual and practical knowledge of Corporate Accounting. The students learn different techniques to prepare accounts and financial statements for a company accommodating the latest accounting standards and the Co. Act 2013. After completing the course, the student shall be able to prepare accounts for share capital and debentures and financial statements of a company including cash flow statement. Student shall also be able to prepare accounts for amalgamation of companies, liquidation of companies and consolidated accounts for a holding company.

Cost Accounting

The objective of cost accounting is to acquaint students with basic concepts used in accounting and various methods involved in cost ascertainment system and use of costing data for planning, control and decision making.

The primary goal is to impart knowledge about the use of Cost Accounting to overcome the limitations of financial accounting for the purpose of decision making with efficient managerial planning and controlling.

After completing the course, the student shall be able to:

- understand the conceptual framework of Cost Accounting.
- understand in detail the accounting and control of material and labour cost.
- understand classification, allocation, apportionment and absorption of overheads in cost determination.
- calculate the cost of products, jobs, contracts, processes and services.
- have basic understanding of cost accounting book-keeping systems and reconciliation of cost and financial account profits.

E-Commerce

In this world of digitalization, where all the services are made available electronically , the scope and importance of E-commerce has widened. It has become the source of new business opportunities .Besides, familiarizing the students with the mechanism for conducting business transactions through electronic means, it also includes the practical learning of *WEBSITE DESIGNING USING HTML.*It also focuses on acquainting students to plethora of applications and websites that are need of the hour.

With a cyber pandemic, our cyber security demands that we understand the cyber risks with our changed computing environment. The subject provides an opportunity for all to understand and evaluate our cyberspace and make sure we secure your data and important details.

Investing in Stock Markets

The objective of this paper is to provide basic skills to students to operate in stock markets and inform them about the various ways of investing in it. Students learn about fundamentals of investing, with special emphasis on online trading of stocks and the tools required to analyse and choose stocks for investing. In-depth discussion is also conducted about investing in mutual funds, along with a basic understanding of advanced financial instruments such as derivatives. As a result of the course, students are enabled to take up investing in stock markets independently.

B Com Semester 5

Fundamentals of Financial Management

The objective of the paper is to familiarize students with the principles and practices of financial management, and the outcome is that students learn about the three decisions that a financial manager will have to make (investment, financing and dividend decisions) to enhance the wealth of shareholders and ensure sound financial health of a company. Students also learn about short-term financial management i.e. working capital management.

Goods and services Tax and custom laws

The objective of this paper is to impart knowledge of principles and provisions of GST and customs laws, the important legislation dealing with indirect tax systems in India, and to enable the students to apply the same practically. After completing the course the student shall be able to connect with the genesis of goods and services tax, decipher the constitutional amendment carried out to install GST in India and comprehend the composition and working of GST Council. The student will understand the meaning of supply under GST law, differentiate between intra-state and inter-state supply, comprehend rules related to the place of supply and compute the value of supply. Moreover, the course helps to comprehend the utilisation of input tax credit and the reverse charge mechanism of paying GST and to know the procedure for claiming refund under GST law. The course enables us to understand the provisions for registration under GST along with special provisions such as those related to anti profiteering and avoidance of dual control. The paper helps to know the basic concepts of Custom Act and compute the assessable value for charging the custom duty.

Principles of Marketing UPC: 52417502

The objective of this course is to provide basic knowledge of the concepts, principles, tools and techniques of marketing.

After completing the course, the student shall be able to:

- Develop understanding of basic concepts of marketing, marketing philosophies and environmental conditions affecting marketing decisions of a firm.
- Understand the dynamics of consumer behaviour and process of market selection through STP stages.
- Learn about marketing decisions related to product produced by a firm.
- Learn about marketing decisions involving product pricing and its distribution.
- Learn marketing decisions involving product promotion.

Entrepreneurship

The aim of this paper is to make students aware of the concept, need and relevance of entrepreneurship in the contemporary Indian society and further create a desire among the students towards entrepreneurial orientation and see it as an alternative career options.

Course Learning Outcomes

After completing the course, the student shall be able to:

- Understand the concept of entrepreneurship in the context of Indian economic scenario.

- Link the individual's capability and strength as a guiding factor towards entrepreneurial orientation and their commitment to act as an agent of social change through entrepreneurial participation.
- Understand the entrepreneurial process for initiating new venture creation.
- Understand social support system for garnering strength towards entrepreneurial preferences.
- Understand various dimensions of managing a business enterprise once it is formed.

International Business (UPC-52417606)

The paper aims to provide various constituents of international business which range from logistic, international trade, cross-border investments, cultural and ethical issues that are imbued in the practice of business around the world.

Learning outcome:

- 1.key issues related to their operations in other countries
- 2.Compare and contrast cultures and societies globally using socioeconomic and cultural frameworks.
- 3.Develop an entry strategy into other markets recognizing the nature of institutions and forces governing the process of globalization

B Com Semester 6

B.C. 5.3 (b): Personal Selling and Salesmanship

UPC: 52413604

The purpose of this course is to familiarize the students with the fundamentals of personal selling and the selling process. Though selling is one of the most lucrative career options, it calls for personal skills, expertise and the knowledge of various sales techniques. Personal selling along with advertising performs this job effectively in every sector.

Collective Bargaining and Negotiation Skills

Objective of this course is to promote understanding of the concept and theories of collective bargaining, and also to provide exposure to the required skills in negotiating a contract.

There can be several learning outcomes of this subject. After completing the course, the student shall be able to identify issues in collective bargaining and its significance. They would also understand the levels, coverage and agreements of collective bargaining. The course content will enable the students to liaison in negotiations and differentiate between negotiations, collective bargaining and use of its approaches. The students shall be able to administer the negotiation agreement and handle grievance management.

Fundamental of Investment

The objective of this paper is to provide basic skills to students to operate in stock markets and inform them about the various ways of investing in it. Students learn about fundamentals of investing, with special emphasis on online trading of stocks and the tools required to analyse and choose stocks for investing. As the course is designed to familiarize the students with different investment alternatives, introduce them to the basics of their analysis, valuation and investor protection, the teaching learning process will be based on lectures, workshops, project work and cases studies. In-depth discussion is also conducted about investing in mutual funds, along with a basic understanding of advanced financial instruments such as derivatives.

Management Accounting

The objective of this paper is to develop amongst the students a thorough understanding of the conceptual framework of management accounting. The students will be able to distinguish between different forms of accounting—financial, cost and managerial and gain an understanding of the types of costs used for decision making and cost control. The students will learn how to prepare income statements using absorption and variable costing and gain insight into cost-volume-profit analysis and break-even analysis using mathematical and graphical approaches and their application in businesses. Moreover, through this paper students understand the concept of relevant cost and also learn how to make decisions related to different business situations using marginal costing and differential costing techniques. Furthermore, this paper equips the students with the ability to prepare various types of budgets, understand standard costing system as a tool of managerial control and

calculate variances in respect of each element of cost and sales. Basic understanding of techniques of performance measurement such as Responsibility Accounting, Divisional Performance Measurement and Transfer Pricing are also explained to the students in this paper.

Banking and Insurance

The objective of this paper is to provide an insight to the students about the basic principles of Banking and Insurance through detailed coverage of topics like origin of banking, Banking operations, credit policies of Banks , role of Information Technology in Banking, concept of risk, principles of insurance and IRDA. After completing the course, the student shall be able to make them familiarize with the latest technological tools and E-services used by Banking and Insurance companies. Moreover, they will also get an insight of lending operations of banking and causes of NPAs into the banking sector and are acquainted with different types of insurance and regulatory framework of insurance.

Organisational Behaviour

The underlying objective of this course is to create a basic understanding of the concept of organisational behavior and help students gain theoretical and practical knowledge along with desirable skills to become successful managers and effective employees in organisation.

After completing the course, the student shall be able to:

- Understand the development of organisational behavior and its importance in managing people at the workplace.
- Understand human behavior as an individual
- Appreciate different theories of motivation.
- Critically evaluate leadership styles and strategies.
- Understand the importance of organisational culture and learn to deal with change and stress.

BA Prog - Entrepreneurship and Small Business

Fundamentals of Business Organisation (sem I)

The purpose of this course is to facilitate awareness about the nature of business activity, ownership types and dynamic environment in which the business operates.

Course Learning Outcomes After completing the course, the student shall be able to::

- understand the relationship between business and the environment.
- analyze the environmental factors affecting business with special reference to SWOT analysis.
- learn about various forms of business organisations.
- explore the principles of business management.
- appreciate the functions of management.

Fundamental of Entrepreneurship (Sem II)

The aim of this paper is to make students aware of the concept, need and relevance of entrepreneurship in the contemporary Indian society and further create a desire among the students towards entrepreneurial orientation and see it as an alternative career options.

Course Learning Outcomes

After completing the course, the student shall be able to:

- Understand the concept of entrepreneurship in the context of Indian economic scenario, Type of Entrepreneurs.
- Link the individual's capability and strength as a guiding factor towards entrepreneurial orientation and their commitment to act as an agent of social change through entrepreneurial participation.
- Understand the entrepreneurial process for initiating new venture creation.
- Understand social support system for garnering strength towards entrepreneurial preferences.
- Understand various dimensions of managing a business enterprise once it is formed.

Paper name- Feasibility study and business plan(semester 3)

The objective of this paper is to acquaint the students with basic knowledge of environment scanning, feasibility study and business plan. It also develops understanding about entrepreneurship and creative thinking and behaviour for effectiveness in business.

Paper name- Managerial Aspects of Small business operations, office, Accounting and Financial Areas (semester 4)

The basic aim of the paper is to orient the learner towards entrepreneurship, as a career option, and creative thinking and behaviour for effectiveness at work and in life.

This paper also focuses on the need of students to educate themselves on the most pertinent issue of the rapidly evolving world of entrepreneurs and the Government initiatives towards boosting entrepreneurship and Startup culture amongst youth, for combating the mammoth problem of unemployment in India.

This paper gives the basic knowledge of Accounting terms to Arts students and also helps in understanding the accounting concepts to analyse the final position and profitability index of the company.

Management of Small Business Enterprises (Sem V)

The purpose of this course is to acquaint the students with the basic knowledge of managing a small enterprise.

Course Learning Outcomes After completing the course, the student shall be able to:

- understand entrepreneurial style of management
- analyze the significance of having appropriate capital structure mix in the organisation
- construct an influential marketing plan
- realize the significance of having right mix of employees in the organisation
- understand the process of planning for management succession

Contemporary Policy and Institutional framework (Sem VI)

The objective of the paper is to acquaint the students with various contemporary policies and institutional framework.

After completing the course, the student shall be able to:

- know about the legal framework governing MSMEs.
- gain knowledge about the government support system for entrepreneurial options.
- be well-versed with the changing face of MSME in the light of liberalized economic policy.
- understand the working of promotional programmes for SMEs.
- gain knowledge of marketing and financial support systems

Programme and Course Learning Outcomes for B.Sc. (Hons) Microbiology, CBCS [Sem I, IV & VI, 2021]

Program Learning Outcomes

1. Students of the B.Sc. (Honours) Microbiology programme will learn to use scientific logic as they explore a wide range of contemporary subjects spanning various aspects of basic microbiology such as Bacteriology, Virology, Biochemistry, Microbial Physiology, Immunology, Cell Biology, Molecular Biology, Genetics, Systems Biology, Immunology and Molecular biology, in addition to becoming aware of the applied aspects of microbiology such as Industrial Microbiology, Food and Dairy Microbiology, Environmental Microbiology and Medical Microbiology to name just a few.
2. Students will appreciate the biological diversity of microbial forms and be able to describe/explain the processes used by microorganisms for their replication, survival, and interaction with their environment, hosts, and host populations. They will become aware of the important role microorganisms play in maintenance of a clean and healthy environment. They will learn of the role of microorganisms in plant, animal and human health and disease.
3. Students will gain knowledge of various biotechnological applications of microorganisms and will learn of industrially important substances produced by microorganisms. They will gain familiarity with the unique role of microbes in genetic modification technologies.
4. Students will become familiar with scientific methodology, hypothesis generation and testing, design and execution of experiments. Students will develop the ability to think critically and to read and analyze scientific literature.
5. Students will acquire and demonstrate proficiency in good laboratory practices in a microbiological laboratory and be able to explain the theoretical basis and practical skills of the tools/technologies commonly used to study this field.
6. Students will develop proficiency in the quantitative skills necessary to analyze biological problems (e.g., arithmetic, algebra, and statistical methods as applied to biology)
7. Students will develop strong oral and written communication skills through the effective

presentation of experimental results as well as through seminars.

8. Graduates of the B.Sc. (Honours) Microbiology programme will be informed citizens who can understand and evaluate the impact of new research discoveries in the life sciences, and will be able to pursue a wide range of careers, including biological and medical research in higher education institutions as well as careers in public and global health, scientific writing, environmental organizations, and food, pharmaceuticals and biotechnology industries.

Learning Outcomes of the Papers being taught from Jan, 21 to May, 21

Sem I

1. Introduction To Microbial World And Microbial Diversity (MICROB CC101)

Upon successful completion of the course, the students:

- i) will be acquainted with the historical account and development of microbiology as a scientific discipline.
- ii) will have gained knowledge on different systems of classification. They will also acquire an overview of acellular and cellular microorganisms.
- iii) will have acquired in-depth knowledge of the diversity, distribution, cell structure, life cycles and economic importance of algae.
- iv) will have gathered detailed information on the diversity, distribution, structure, life cycles and economic importance of fungi.
- v) will be aware of general characteristics of protozoa and their economic importance. CO6: will have a broad perspective of the scope of microbiology.

2. Bacteriology (MICROB-CC102)

Upon successful completion of the course, the student:

- i) Will gain knowledge about morphology, structure and organisation of different cell components and be able to differentiate between cell walls of Gram positive and Gram-negative bacteria, cell walls and cell membranes of archaea and eubacteria. Will also be able to explain gram and acid-fast staining reactions and effect of antibiotics and enzymes on cell wall structure.
- ii) Will get familiar with various techniques used for isolation, cultivation and preservation of

different types of bacterial cultures. Will gain insight into working and importance of compound microscope.

- iii) Will understand nutritional requirements of different types of bacteria and formulation of media for bacterial growth.
- iv) Will be able to briefly explain methods of asexual reproduction in bacteria. Will understand different phases of growth curve and be able to define generation time and growth rate.
- v) Can define and differentiate various types of classifications. Will gain insight into techniques used in polyphasic bacterial taxonomy.
- vi) Will get acquainted with differences between archaea and eubacteria and can list their important general characteristics along with ecological significance and economic importance.

Introduction And Scope Of Microbiology (MICROB-GE101)

Upon successful completion of the course, the students:

- i) Will be acquainted with the historical developments and contributions of eminent scientists which led to the development of microbiology as a scientific discipline.
- ii) Will have learned the different systems of classification and would have acquired knowledge on the characteristics and diversity prevalent among different groups of acellular and cellular microorganisms.
- iii) Will be able to list important human diseases and their causative agents. Will also acquire knowledge about the immune system.
- iv) Will be conversant with microbial interactions; the impact of microorganisms on agriculture and environment will also be dealt with.
- v) Will have gained an insight into the types of fermentation processes, fermenters and the application of microorganisms in the mass-scale production of metabolites/biomass. Will also be able to list microorganisms used as food and food supplements and discuss the desirable and undesirable activities of microorganisms in association with foods.
- vi) Will be aware of the physical and chemical agents of microbial control used for sterilization and disinfection.

Sem IV

Microbial Genetics And Genomics (MICROB-CC401)

Upon successful completion of the course, the student:

- i) Will be acquainted with the organization of prokaryotic and eukaryotic genomes and organelle genomes in eukaryotes.
- ii) Will get acquainted with basic and applied aspects of mutations and mutagenesis and their importance and the role of mutator genes. Will learn of the use of a microbial test in detecting the carcinogenic potential of chemicals. Will become aware of different repair mechanisms.
- iii) Will have learnt the role of plasmids and their types in microorganisms. Will get acquainted with plasmid replication and partitioning, as well as aspects related to plasmid copy number, its regulation and plasmid curing.
- iv) Will be aware of detailed mechanisms of genetic exchange in bacteria. Will be familiarized with molecular aspects and applications of transformation, conjugation, and transduction. Will learn how to map genes using interrupted mating technique and recombination.
- v) Will be familiar with the lytic/lysogenic switch in phage lambda. Will be able to discuss the role of CRISPR-Cas in bacterial defense mechanisms.
- vi) Will be acquainted with fundamentals and applied aspects of transposons, types and mechanisms of transposition. Will have learnt of various eukaryotic transposons and their uses.

Virology (MICROB-CC402)

Upon successful completion of the course the student will have acquired the knowledge in the following areas and:

- i) Will be able to describe the nature, properties and structure of viruses and will also gain knowledge of taxonomy of different groups of viruses.
- ii) Will be familiar with diversity and multiplication of lytic and lysogenic bacteriophages.
- iii) Will be able to describe different ways of viral transmission, and prominent and unusual genomic features of different viruses with their significance.
- iv) Will understand about the replication strategies, maturation and release of important plant, animal and bacterial viruses.
- v) Will have gained knowledge about strategies to prevent viral infections: interferons, vaccines and antiviral compounds

- vi) Will understand the concept of oncogenesis, DNA and RNA cancer causing viruses and will learn of newly emerging viruses which have the potential to cause serious threats to public health and have become a global concern.

Food And Dairy Microbiology (MICROB-CC403)

On successful completion of the course, the student:

- i) Will be aware of the possible sources of contamination of foods and the parameters affecting microbial growth in foods.
- ii) Will gain insight into the microbial spoilage of some foods
- iii) Will acquire an in-depth knowledge of various physical and chemical methods used for food preservation.
- iv) Will be acquainted with microbial production of fermented dairy and non-dairy food products.
Will also be able to understand the health benefits of prebiotics, probiotics and synbiotics.
- v) Will be conversant with some food-borne diseases and will be able to explain methods for detection of food borne pathogens.
- vi) Will be able to understand the concept of quality control of food.

Microbial Quality Control In Food And Pharmaceutical Industries (MICROB-SE1)

Upon successful completion of the course, the student:

- i) Will have knowledge about Good Laboratory Practices and biosafety.
- ii) Will have understanding of the various tests used in food and pharmaceutical industries to detect and assess microbial load.
- iii) Will have learnt the concepts of TQM and will understand the checks that can be performed to manage microbiological issues. Will become familiar with various standards and certifications for food and pharmaceutical products.

Sem VI

Medical Microbiology (C-13)

Upon successful completion of the course, the student:

- i) Will have understood the diverse nature of the normal microflora of the body and its significance as well. Student will have also acquainted themselves with the terminology and scientific nomenclature used in describing disease causation and pathogenic features of microbial agents of disease.
- ii) Will have gained an in depth knowledge about the spectrum of diseases caused by bacterial pathogens, and an understanding of the course of disease development and accompanying symptoms. Will become familiar with the methods of transmission, epidemiological aspects as well as prevention and control methods.
- iii) Will become acquainted with the spectrum of diseases caused by viral pathogens. Also will understand the course of disease development and symptoms seen in diseases of different organ systems.
- iv) Will understand the causation of fungal and protozoal diseases and methods of prevention and control.
- v) Will learn about the current approaches to diagnosis of diseases.
- vi) Will have learnt basic concepts of handling clinical specimens and approaches used to aid in detection/diagnosis of diseases using immunological and molecular biology based methods. Will also understand the mode of action of different antimicrobial agents and concept of antimicrobial resistance.

Recombinant DNA Technology (C-14)

Upon successful completion of the course, the student:

- i) Will get an overview of developments and contributions of scientists in the field of genetic engineering.
- ii) Will get familiarized with basic cloning tools such as enzymes used to manipulate DNA, and cloning vectors.
- iii) Will have learnt various gene delivery methods and basic essential techniques of DNA, RNA and protein analysis.
- iv) Will gather in-depth knowledge of DNA amplification and sequencing methods.
- v) Will become conversant with construction and screening of genomic and cDNA libraries.
- vi) Will become aware of the applied aspects of all major techniques being used for the benefit of

humankind in the areas of agriculture and pharmaceuticals. Students will design a strategy outlining all the steps of developing a novel recombinant.

Advances In Microbiology (DSE-6)

Upon successful completion of the course, the student:

- i) Gains knowledge about features of sequenced genomes and ways of DNA transfer in nature and virulence in bacteria.
- ii) Will be able to acquire, articulate, retain and apply specialized knowledge and understanding of the core concept of CRISPR/Cas system for the future implication of research.
- iii) Will have learnt the concepts of metagenomics which circumvents the unculturability and genetic diversity of microbes, the biggest roadblocks to advances in biotechnology.
- iv) Will have gathered understanding of how plants protect them from pathogens and role of biofilms.
- v) Will have learnt basic concepts of biological networks, their applications and get introduced to the basic principles of synthetic biology.

Instrumentation And Biotechniques (DSE 7)

Upon successful completion of the course, the student:

- i) Will have identified the principle components of a light microscope, fluorescence microscope, phase contrast microscope, confocal and electron microscope, simultaneously learning about their principles and practical applications in visualizing, identifying and measuring cell, its components and biomolecules. The student will be familiar with staining and preparation of samples for microscopy.
- ii) Will have gained an in-depth knowledge of principles and applications of paper chromatography, thin layer chromatography, gel filtration chromatography, ion- exchange chromatography, affinity chromatography, GC, HPLC. This enables the students to apply the acquired knowledge in isolation and separation of biomolecules for analysis.
- iii) Will have learnt basic concepts of various techniques used to resolve and analyze nucleic acids and proteins - agarose gel electrophoresis, native polyacrylamide gel electrophoresis, SDS-polyacrylamide gel electrophoresis, isoelectric focusing, 2D gel electrophoresis, zymogram preparation.

- iv) Will comprehend details of working principle and outline of UV-visible spectrophotometer as well as be able to understand absorption spectra of biomolecules, and will be able to interpret UV-visible and fluorescence spectroscopy outputs.
- v) Will have clear fundamentals of centrifugation, RCF, sedimentation coefficient, different types of rotors used, principle and working of differential and density gradient centrifugation, preparative and analytical scales of centrifuge, and the specific uses of ultracentrifuge. Students will also be acquainted with limitations of each method.

**Program Outcome, Program Specific Outcome and
Course Outcome for B.Sc. (Hons) Botany**

The curriculum of B.Sc. (Hons) Botany offer essential knowledge and technical skills to study plants in a holistic approach. Students would be educated in all areas of plant biology using a unique amalgamation of core and elective papers with major inter-disciplinary components.

INTRODUCTION

The B.Sc. - Botany honours programme is intended to equip students with indispensable knowledge and technical skills to study plants in a holistic manner. Students would be trained in all areas of plant biology using a unique combination of core and elective papers with significant interdisciplinary components. Students would be exposed to cutting-edge technologies that are currently used in the study of plant life forms, their evolution and interactions with other organisms within the ecosystem. Students would also become aware of the social and environmental significance of plants and their relevance to the national economy.

LEARNING OUTCOME BASED CURRICULUM FRAMEWORK

Nature and extent of the B.Sc Honours Botany Programme Content: Botany is the broad discipline encompassing various subjects complex with the study of plants. The B.Sc Botany (H) Programme imparts knowledge on various fields of plant biology through teaching, interactions and practical classes. Students would gain wide knowledge as follow:

1. Diversity of plants and microbes their habitat, morphology, and reproduction.
2. Genetics and molecular biology of plants
3. Fungi and disease causing microbes and fungi
4. Economic value of plants and their use in Biotechnology Biodiversity generally refers to the variety and variability of life on earth.

Introduction to Biodiversity ranging from Microbes (Viruses and Bacteria), to Fungi and to various plant groups (Algae and Archegoniates-Bryophytes, Pteridophytes and Gymnosperms) and information on the Ecological and Economic Importance of Microbes, Fungi and various plant groups to enable students understand and understand relevance of Microbes and Plants to environment and human well-being. Insight into the line of Plant Evolution on Earth and the consequent Biodiversity is instrumental in creating Awareness on the threats to biodiversity and sensitize young minds towards the Biodiversity Conservation for sustainable development.

Aims of Bachelor's degree programme in (CBCS)

B.SC.(HONS.) BOTANY

Content:

1. Provide an introduction to Biodiversity ranging from Microbes (Viruses and Bacteria), to Fungi, including diverse plant groups (Algae and Archegoniates-Bryophytes, Pteridophytes and Gymnosperms).
2. To enable students to understand and appreciate the relevance of Microbes and Plants to environment (ecological significance) and human well-being (economic importance).

3. Develop an understanding of Evolution of Plant forms and the consequent Biodiversity. These are instrumental in creating awareness on the threats to biodiversity and sensitizes students towards the Conservation of Biodiversity for sustainable development.
4. To study the organization of cell, cell organelles and biomolecules (i.e protein, carbohydrate, lipid and nucleic acid) to gain knowledge on the activities in which the diverse macro molecules and microscopic structures inhabiting the cellular world of life are engaged. This will facilitate the students to understand the various metabolic processes such as respiration, photosynthesis etc. which are important for life.
5. To introduce students to application of microbes in Industrial production and Environmental remediation strategies.
6. New knowledge and widening of the knowledge acquired in by handling of classical and modern plant biotechnology processes, including tissue culture for healthy plants, plants with improved characteristics.
7. To explore the natural genetic variation in plants and to understand how diverse factors (at the cellular level) contribute to the expression of genotypes and hence to phenotypic variation.
8. Understanding of biotechnological processes such as recombinant DNA technology and its applicative value in pharmaceuticals (vaccines, antibodies, antibiotics etc.), food industry (transgenic crops with improved qualities (nutraceuticals, industrial enzymes etc.), agriculture (biotic and abiotic stress tolerant plants, disease and pest resistant plants, improved horticultural varieties etc.), ecology (plants role in bioremediation). This knowledge is central to our ability to modify plant responses and properties for global food security and commercial gains in biotechnology and agriculture.
9. In the laboratory classes, students will achieve some of the techniques currently used to generate information and detect genetic variation.
10. Understanding of plant classification systematics, evolution, ecology, developmental biology, physiology, biochemistry, plant interactions with microbes and insects, morphology, anatomy, reproduction, genetics and molecular biology of various plants groups.
11. Understanding of various analytical techniques of plant sciences, use of plants as industrial resources or as human livelihood support system and the use of transgenic technologies for basic and applied research in plants.
12. Understanding of various life forms of plants, morphology, anatomy, reproduction, genetics, microbiology, molecular biology, recombinant DNA technology, transgenic technology and use of bioinformatics tools and databases and in the application of statistics to biological data
13. To provide new information, enhance core competency and discovery/inquiry based learning of learners. A botany graduate would be competent in the field to undertake further discipline specific studies, as well as to begin domain-related employment.
14. To make students aware of most basic domain-independent knowledge, including critical thinking and communication.
15. To enable the graduate to organize for national and International competitive examinations for employment.

The B.Sc. - Botany programme is formed to gain knowledge and technical skills to study plants in a holistic manner. Students would get training in various disciplines of plant sciences using a combination of core and elective papers with significant inter-disciplinary components. Analytical reasoning. The student would develop a skill to analyze the awareness of the subject and think in a multidirectional way to solve the problem and to gain benefit in a sustainable manner. They would be able to think about the use of plants as industrial resources or as human source of revenue support system and is well versed with the use of transgenic technologies for basic and applied research in plants. The students will be able to demonstrate the knowledge in understanding research and addressing practical problems. Student will learn the application of various scientific methods to address different questions by formulating the hypothesis, data collection and critically analyze the data to decipher the degree to which their scientific work supports their hypothesis. Reflective thinking The structure and content of the course enables students to reflect on the learnings from different courses and integrate the same for a problem solving approach. They would be capable of correlating various concepts applicable to diverse situations and phenomenon. Multicultural competence Understanding of various analytical techniques of plant sciences, use of plants as industrial resources or as human livelihood support system and is well versed with the use of transgenic technologies for basic and applied research in plants. Lifelong learning The subject of botany the applied theoretically and practically applied in day today life.The successful students will be able to learn the basic concepts, principles and processes in plant biology. The have the ability of explanation of concepts, principles and usage of the acquired knowledge in biotechnological, pharmaceutical, medical, ecological and agricultural applications. Use basic biology techniques to explore molecular biology of plants Self-directed learning The programme also has a strong interdisciplinary constituent. Emphasis is on experiential knowledge through hands-on laboratory exercises, field trips and assignments. Current thrust areas of teaching provide students with substantial exposure and skills in plant biology. Communication Skills The students will develop a confidence on gaining the knowledge and skill after this course and they will be able to effectively communicate their views, present their work and impress the audience. Students are expected to possess a standard of communication skills expected from a 11 science graduate in the country. They are expected to read and understand documents with indepth analyses and logical arguments. Graduates are expected to be well-versed in speaking and communicating their idea/finding/concepts to a wider audience Research-related skills This course provides wide interdisciplinary knowledge and stimulates the students to think beyond the course knowledge, apply this knowledge for solving the environmental problems, efficient use of resources by designing novel and innovativeexperiments. . Students are expected to be aware about activities in the natural surroundings to awaken their curiosity. They are expected to design a scientific experiment through statistical hypothesis testing and reasoning. Cooperation/Team work The students would learn team work, division of the work and the

corporate life of the academics. They are expected to be team players, with productive cooperation involving members from diverse socio-cultural backgrounds. Information/digital literacy The students would learn the use of the new technologies used in learning biology, digital platforms for fast transfer of information. Students will attain digital skills and integrate the fundamental concepts with modern tools. Moral and ethical awareness/reasoning Besides the theoretical knowledge, the student is familiar with moral and ethical duties, an awareness towards the conservation of nature and natural resources. Students will also strengthen their ethical and moral values and shall be able to deal with psychological weaknesses. Learners are expected to be responsible citizen and be aware of moral and ethical duties. They are expected to define their core ethical virtues good enough to differentiate what construes as illegal and criminal under Indian constitution. Learners should know academic and research ethics, Benefit Sharing, Plagiarism, Scientific Misconduct etc. Leadership readiness/qualities The vast and deep knowledge of the subject, analytical and scientific reasoning, effective communication and problem solving task develop special qualities in a person to attract and influence the audience, which would be gained after the completion of this course. Students are expected to be familiar with decision making process and basic managerial skills to become a better leader. Skills may include defining objective vision and mission, how to become responsible citizens and charismatic inspiring leader.

PROGRAMME LEARNING OUTCOME

The course learning outcomes are associated with program learning outcomes but these are specific to-specific courses offered in a program. The course level learning shall be reflected as program level learning. The core courses shall be the backbone of this framework whereas discipline electives, generic electives and skill enhancement courses would add academic excellence in the subject collectively with multi-dimensional and multidisciplinary approach.

1. Understanding of plant classification systematics, evolution, ecology, developmental biology, physiology, biochemistry, plant interactions with microbes and insects, morphology, anatomy, reproduction, genetics and molecular biology of various life-forms. Understanding of a variety of analytical techniques of plant sciences, use of plants as industrial resources or as human livelihood support system and is well versed with the use of transgenic technologies for basic and applied research in plants.
2. Understanding of various life forms of plants, morphology, anatomy, reproduction, genetics, microbiology, molecular biology, recombinant DNA technology, transgenic technology and use of bioinformatics tools and databases and the application of statistics to biological data.

जुलाई-दिसम्बर 2019

हिंदी भाषा और उसकी लिपि का इतिहास

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का उद्देश्य छात्रों को हिंदी भाषा और उसकी लिपि के इतिहास से परिचित कराना है। भारत के संविधान में देवनागरी लिपि में लिखित हिंदी को संघ की राजभाषा घोषित किया गया है। हिंदी को पढ़ने वाले छात्रों के लिए आरंभ में ही हिंदी भाषा संबंधी सामान्य जानकारी देना आवश्यक है। वैश्वीकरण के साथ ही हिंदी की वैश्विक स्थिति को जानना समझना भी महत्वपूर्ण हो जाता है। इस पाठ्यक्रम का लक्ष्य इन बिंदुओं से छात्रों को परिचित कराना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

यह पाठ्यक्रम छात्रों की हिंदी भाषा के सैद्धांतिक पहलूओं के साथ-साथ व्यावहारिक पहलूओं को समझने में मदद करेगा। हिंदी भाषा को और अधिक रोजगारपरक और व्यावहारिक बनाने के लिए कंप्यूटर जैसे तकनीकी शिक्षा के पक्षों से भी छात्रों को परिचित करवाया जाएगा। भाषा के बदलते परिदृश्य को आरंभ से अब तक की प्रक्रिया में समझना बहुत महत्वपूर्ण है। यह पाठ्यक्रम भाषा के आरम्भ से अब तक के विकास के विविध आयामों को प्रस्तुत करता है जो विद्यार्थियों के लिए उपयोगी होगा।

हिंदी कविता आदिकाल एवं भक्तिकालीन काव्य

[क] पाठ्यक्रम के उद्देश्य

इस कोर्स का लक्ष्य छात्रों को आदिकालीन एवं भक्तिकालीन साहित्य से परिचित कराना है। इस कोर्स के माध्यम से छात्र प्रमुख आदिकालीन एवं भक्तिकालीन कवियों एवं उनके हिंदी साहित्य में योगदान से परिचित हो सकेंगे।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस कोर्स के माध्यम से छात्रों को हिंदी साहित्य के आदिकाल और भक्तिकाल के महान कवियों के विचारों एवं उनके सामाजिक सरोकारों को समझने में मदद मिली। आदिकाल से अमीर खुसरों और विद्यापति तथा भक्तिकाल से सूरदार, तुलसीदास और मीराबाई के काव्य को जानने और समझने का मौका मिला, साथ ही हिंदी साहित्य एवं हिंदी समाज में इनके योगदान के बारे में भी जानने का मौका मिला। छात्रों को यह भी ज्ञान प्राप्त हुआ कि किस प्रकार भक्तिकालीन कवि अपने समय की बुराइयों जैसे सामंतवाद आदि का विरोध अपने काव्य में कर रहे थे।

हिंदी साहित्य का इतिहास (आधुनिक काल)

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य छात्रों को साहित्येतिहास की अध्ययन प्रक्रिया में आधुनिक साहित्य के विकास का परिचय प्रदान करना है। छात्रों को साहित्य के प्रयोजन एवं उसके स्वरूप से परिचित कराना भी इस क्रम में महत्वपूर्ण है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

साहित्येतिहास का एक महत्वपूर्ण प्रयोजन बदलते समय के समाज पर पड़ने वाले प्रभाव से छात्रों को परिचित करवाना है। यह पाठ्यक्रम छात्रों की आधुनिककाल के साहित्येतिहास को जानने समझने में मदद करेगा। साथ ही छात्र यह भी जान पाएंगे कि आधुनिक काल के साहित्य में पदार्पण के कौन-कौन से प्रमुख कारण थे।

हिंदी कविता (आधुनिक काल छायावाद तक)

[क] पाठ्यक्रम के उद्देश्य

इस कोर्स का लक्ष्य छात्रों में आधुनिक कविता की समझ विकसित करना है। इसके अंतर्गत विभिन्न कवियों एवं उनकी रचनाओं का अध्ययन किया जाएंगा।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस कोर्स के माध्यम से छात्रों को आधुनिक कविता के उद्भव और विकास को जानने में मदद मिली। समकालीन परिवेश और साहित्य के परस्पर संबंध को समझने की आवश्यकता पर बल दिया गया ताकि छात्र बेहतर ढंग से आधुनिक कविता के सरोकारों को समझ पाए। कक्षा में कविताओं का वाचन एवं विश्लेषण किया गया और छात्रों को इन महत्वपूर्ण कवियों के रचनाकर्म के निहितार्थ से परिचित कराया गया।

हिंदी कहानी

[क] पाठ्यक्रम के उद्देश्य

इस कोर्स का लक्ष्य छात्रों को हिंदी कहानी के उद्भव और विकास से परिचित कराना है। छात्रों को यह भी समझने में मदद मिलेगी कि एक गद्य विधा के रूप में कहानी की स्थिति क्या है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस कोर्स के माध्यम से छात्रों को कथा साहित्य में कहानी के स्थान को परखने का अवसर प्राप्त होगा, साथ ही एक विधा के रूप में कहानी के हिंदी साहित्य में योगदान को भी जानने समझने का अवसर प्राप्त होगा। प्रमुख कथा साहित्यकारों के जीवन और रचनाओं के माध्यम से कहानी की उपयोगिता को जानने का अवसर प्राप्त होगा। इसके अलावा छात्रों को कहानी लेखन के रचनात्मक पक्ष को जानने का भी अवसर प्राप्त होगा।

पाश्चात्य काव्यशास्त्र

[क] पाठ्यक्रम के उद्देश्य

इस कोर्स का उद्देश्य विद्यार्थियों में पाश्चात्य काव्यशास्त्र की समझ और चिंतन के नए आयामों की ओर आकर्षण को विकसित करना है। जिससे की विद्यार्थी साहित्य के एक नए पक्ष का ज्ञान प्राप्त कर पाए।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस विषय के पठन-पाठन के मूल में पश्चिम की विभिन्न चिंतन धाराओं का अध्ययन करना एवं महान पाश्चात्य चिंतकों द्वारा प्रदत्त सहित्यिक सिद्धांतों का मनन करते हुए प्राचीन काल से आधुनिकता की ओर चली आ रही काव्यशास्त्रीय चिंतनधारा की समझ को विकसित करना है।

हिंदी नाटक/एकांकी

[क] पाठ्यक्रम के उद्देश्य

इस कोर्स का उद्देश्य छात्रों को हिंदी नाटक और एकांकी के उद्घाव और विकास का परिचय देना है ताकि विद्यार्थी नाटक की विधा को बेहतर ढंग से समझ पाए। हिंदी नाटक और एकांकी के रचनात्मक पक्ष को जानना- समझना भी पाठ्यक्रम का लक्ष्य है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

यह पाठ्यक्रम छात्रों की नाटक की विधा को विभिन्न नाटककारों के नाटकों के द्वारा समझने में मदद करेगा। छात्र इस सन्दर्भ में गद्य विधा के जनक कहे जाने वाले भारतेन्दु हरिश्चंद्र, जयशंकर प्रसाद और उपेंद्रनाथ अश्क आदि प्रसिद्ध नाटककारों की रचनाओं का अध्ययन अध्ययन करेंगे। इन सभी नाटककारों को उनकी युगीन परिस्थितियों से जोड़कर देखने से तत्कालीन समय की सांस्कृतिक, राजनैतिक और सामाजिक स्थिति की भी जानकारी प्राप्त होगी, जिससे कि इन रचनाकारों की रचनाओं को और बेहतर ढंग से समझा जा सकेगा।

DSE-I अस्मितामूलक विमर्श और हिंदी साहित्य

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य छात्रों को विभिन्न अस्मिताओं का सैद्धांतिक और व्यावहारिक ज्ञान देना है। छात्रों को विभिन्न रचनाओं के अध्ययन के आधार पर संवेदनात्मक विश्लेषण में निपुण करना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम के माध्यम से छात्रों को विभिन्न अस्मिताओं के विषय में जानने समझने का अवसर प्राप्त होगा। साथ उनकी समस्याओं और चुनौतियों के बारे ज्ञान की प्राप्ति होगी। आज के समय में अस्मिताओं का अध्यन एक बहुत ही महत्वपूर्ण विषय है, इसी कारण यह महत्वपूर्ण हो जाता है कि छात्रों को इस प्रकार के विषय के बारे में अवगत करवाया जाए ताकि वह एक बेहतर समाज का निर्माण कर पाए।

DSE-II हिंदी भाषा व्यावहारिक व्याकरण

[क] पाठ्यक्रम के उद्देश्य

किसी भी भाषा के ज्ञान के लिए उस भाषा के व्याकरण का ज्ञान विशेष महत्व रखता है। ध्वनि, शब्द, पद, वाक्यांश का न केवल ज्ञान होना चाहिए वरन् कसी भी भाषा को एकरूप बनाने में व्याकरण की महत्वपूर्ण भूमिका होती है। वर्तमान समय में हिंदी भाषा के वैश्वीकृत होते रूप को सुदृढ़ करने हेतु व्याकरण को व्यावहारिक बनाना भी अनिवार्य हो गया है। इस पाठ्यक्रम का लक्ष्य छात्रों को इन्हीं बिन्दुओं से परिचित कराना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

यह पाठ्यक्रम छात्रों को भाषा के व्याकरणिक नियमों से परिचित करवाएगा और व्याकरण के आधारभूत नियमों की जानकारी देगा। भाषा की व्याकरण के द्वारा ही किसी भाषा को मानक रूप की प्राप्ति होती है ऐसे में यह पाठ्यक्रम छात्रों को भाषा के मानक रूप प्राप्त करने की प्रक्रिया से परिचित करवाएगा। इससे छात्रों को भाषा की विविध ध्वनियों के उच्चारण के नियमों का समुचित ज्ञान प्राप्त होगा।

जी.ई. (हिंदी सिनेमा और उसका अध्ययन)

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम को विशेष रूप से सिनेमा में रुचि रखने वाले विद्यार्थियों के लिए निर्मित किया गया है। इसका लक्ष्य छात्रों को सिनेमा जगत की जानकारी प्रदान करना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम के माध्यम से छात्रों में हिंदी सिनेमा, समाज और संस्कृति के परस्पर संबंधों की समझ विकसित हो पाएंगी। छात्रों को सिनेमा की सैद्धांतिक समझ के साथ-साथ सिनेमा निर्माण, प्रसार और कैमरे की भूमिका आदि की व्यावहारिक समझ विकसित करने में भी मदद मिलेगी।

जी.ई. (भाषा और समाज)

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य भाषा और समाज के अन्तः सम्बन्ध स्पष्ट करते हुए भाषा और समाज के विविध पहलूओं को जानने में छात्रों की मदद करना है। छात्रों को समाज में भाषा के व्यवहार की जानकारी देना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम के द्वारा छात्रों में भाषा और समाज के परस्पर संबंध और समाज भाषाविज्ञान की समझ विकसित हो पाएंगी। इसके इतर भाषाई विविधता की बेहतर समझ विकसित करने के लिए भाषा को समुदाय, जाति और जातीयता के सन्दर्भ में पढ़ने की आवश्यकता पर भी विचार किया जाएगा।

SEC विज्ञापन और हिंदी भाषा

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य छात्रों को हिंदी भाषा के सन्दर्भ में विज्ञापनों की जानकारी देना है ताकि वह विज्ञापन आदि के क्षेत्र में रोजगार की संभावनाओं को समझकर उनसे लाभान्वित हो पाए।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम के माध्यम से छात्र विज्ञापन निर्माण एवं बाजार की समझ विकसित कर पाएंगे। इसके अलावा छात्र विज्ञापन के निर्माण और उनके प्रभावों को समाज की आवश्यकताओं से जोड़कर देखने की तार्किक समझ विकसित कर सकेंगे। यह पाठ्यक्रम छात्रों को वर्तमान समय में हिंदी की व्यावहारिक उपयोगिता के माध्यम से रोजगार के अवसर उपलब्ध करवाने में सहायक सिद्ध होगा।

AECC हिंदी भाषा और संप्रेषण

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य भाषिक संप्रेषण के स्वरूप और सिद्धांतों से छात्रों का परिचय करवाना है। छात्रों को संप्रेषण के सभी माध्यमों का ज्ञान प्रदान करवाया जाना भी इसका लक्ष्य है ताकि संप्रेषण को पूर्ण रूप से समझा जा सके।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम की मदद से छात्र संप्रेषण की प्रक्रिया और मॉडलों के अलावा अभाषिक संप्रेषण की आवश्यकता एवं इसके प्रयोगों के बारे में एक बेहतर समझ विकसित कर पाएंगे। रोजगार की आवश्यकताओं को ध्यान में रखते हुए व्यावसायिक सम्प्रेषण का ज्ञान भी छात्रों को प्रदान किया जाएगा।

बी.ए. (प्रोग्राम)

HN-A हिंदी गद्य उद्धृत और विकास 'क'

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य छात्रों को हिंदी गद्य के उद्धृत और विकास से परिचित कराना है ताकि वह गद्य की सभी विधाओं के विकास को बेहतर ढंग से समझ पाएँ।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम के माध्यम से छात्रों को हिंदी गद्य के उद्धृत की आवश्यकता को समझने का अवसर प्राप्त होगा और साथ ही यह जाने में मदद मिलेगी की गद्य की विधा का विकास किन परिस्थितियों में हुआ। हिंदी गद्य के विकास को बेहतर ढंग से समझने के लिए कुछ पाठों को पाठ्यक्रम में सम्मिलित किया गया है ताकि छात्र गद्य की विधाओं का भी परिचय प्राप्त कर पाएँ। जिनमें प्रेमचंद का उपन्यास 'जुलूस', रामचन्द्र शुक्ल का निबंध 'उत्साह' और भारतेन्दु का नाटक 'अंधेर नगरी आदि रचनाएँ सम्मिलित हैं।

HN-C हिंदी गद्य उद्धृत और विकास 'ग'

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य छात्रों को हिंदी गद्य के उद्धृत और विकास से परिचित कराना है ताकि वह गद्य की सभी विधाओं के विकास को बेहतर ढंग से समझ पाएँ।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम के माध्यम से छात्रों को हिंदी गद्य के उद्धृत की आवश्यकता को समझने का अवसर प्राप्त होगा और साथ ही यह जाने में मदद मिलेगी की गद्य की विधा का विकास किन परिस्थितियों में हुआ। आधुकनिक गद्य का जनक माने जाने वाले भारतेन्दु के सम्पूर्ण काल की जानकारी भी छात्रों को प्राप्त होगी। हिंदी गद्य के विकास को बेहतर ढंग से समझने के लिए कुछ पाठों को पाठ्यक्रम में सम्मिलित किया गया है ताकि छात्र गद्य की विधाओं का भी परिचय प्राप्त कर पाएँ। इन रचनाओं में प्रेमचंद की 'दो बैलों की कथा' बालकृष्ण भट्ट का निबंध 'साहित्य जनसमूह के हृदय का विकास है' आदि कृतियां प्रमुख हैं।

हिंदी अनुशासन

हिंदी भाषा और साहित्य का इतिहास

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य छात्रों को हिंदी भाषा और उसके साहित्य के इतिहास के विकास से परिचित करवाना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम की मदद से छात्रों को हिंदी साहित्य के इतिहास के विभिन्न कालों की प्रमुख प्रवृत्तियों की आलोचनात्मक समझ विकसित होगी जिससे वह साहित्य का बेहतर ढंग से अध्ययन एवं विश्लेषण कर पाएँगे।

हिंदी कथा साहित्य

[क] पाठ्यक्रम के उद्देश्य

इस कोर्स का लक्ष्य छात्रों को कथा साहित्य के उद्भव और विकास से परिचित कराना है। छात्रों को यह भी समझने में मदद मिलेगी कि एक गद्य विधा के रूप में कथा साहित्य की स्थिति कैसी है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस कोर्स के माध्यम से छात्रों को कथा साहित्य के विकास को समझने में मदद मिलेगी। प्रमुख कथा साहित्यकारों के जीवन और रचनाओं के माध्यम से कहानी और उपन्यास की उपयोगिता को जानने का अवसर प्राप्त होगा। इसके अलावा छात्रों को कथा लेखन के रचनात्मक पक्ष को जानने का भी अवसर प्राप्त होगा।

हिंदी भाषा का व्यावहारिक व्याकरण

[क] पाठ्यक्रम के उद्देश्य

किसी भी भाषा के ज्ञान के लिए उस भाषा के व्याकरण का ज्ञान विशेष महत्व रखता है। ध्वनि, शब्द, पद, वाक्यांश का न केवल ज्ञान होना चाहिए बरन किसी भी भाषा को एकरूप बनाने में व्याकरण की महत्वपूर्ण भूमिका होती है। वर्तमान समय में हिंदी भाषा के वैश्वीकृत होते रूप को सुदृढ़ करने हेतु व्याकरण को व्यावहारिक बनाना भी अनिवार्य हो गया है। इस पाठ्यक्रम का लक्ष्य छात्रों को इन्हीं विन्दुओं से परिचित कराना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम छात्रों का भाषा के व्याकरणिक नियमों से परिचित करवाएगा और व्याकरण के आधारभूत नियमों की जानकारी देगा। भाषा की व्याकरण के द्वारा ही किसी भाषा को मानक रूप की प्राप्ति होती है ऐसे में यह पाठ्यक्रम छात्रों को भाषा के मानक रूप प्राप्त करने की प्रक्रिया से परिचित करवाएगा। इससे छात्रों को भाषा की विविध ध्वनियों के उच्चारण के नियमों का समुचित ज्ञान प्राप्त होगा।

SEC हिंदी रचनात्मक लेखन

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य छात्रों में रचनात्मक कौशल का विकास करना है जिससे कि वह हिंदी व्यावहारिक पक्षों की समझ विकसित कर पाएँ।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम में छात्रों को रचनात्मक लेखन की अवधारणा एवं सैद्धांतिक पक्षों की जानकारी प्रदान की जाएगी। साहित्य के इतर मीडिया, विज्ञापन और पत्रकारिता आदि क्षेत्रों में किए जाने वाले लेखन के कौशल को छात्रों को सिखाया जाएगा। भाषा का बेहतर ढंग से प्रयोग करने के कौशल को विकसित करने का यत्न भी किया जाएगा।

बी. कॉम.

HN-A हिंदी गद्य उद्धव और विकास 'क'

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य छात्रों को हिंदी गद्य के उद्धव और विकास से परिचित कराना है ताकि वह गद्य की सभी विधाओं के विकास को बेहतर ढंग से समझ पाए।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम के माध्यम से छात्रों को हिंदी गद्य के उद्धव की आवश्यकता को समझने का अवसर प्राप्त होगा और साथ ही यह जाने में मदद मिलेगी की गद्य की विधा का विकास किन परिस्थितियों में हुआ। हिंदी गद्य के विकास को बेहतर ढंग से समझने के लिए कुछ पाठों को पाठ्यक्रम में सम्मिलित किया गया है ताकि छात्र गद्य की विधाओं का भी परिचय प्राप्त कर पाएँ।

HN-C हिंदी गद्य उद्धव और विकास 'ग'

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य छात्रों को हिंदी गद्य के उद्धव और विकास से परिचित कराना है ताकि वह गद्य की सभी विधाओं के विकास को बेहतर ढंग से समझ पाए।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम के माध्यम से छात्रों को हिंदी गद्य के उद्धव की आवश्यकता को समझने का अवसर प्राप्त होगा और साथ ही यह जाने में मदद मिलेगी की गद्य की विधा का विकास किन परिस्थितियों में हुआ। हिंदी गद्य के विकास को बेहतर ढंग से समझने के लिए कुछ पाठों को पाठ्यक्रम में सम्मिलित किया गया है ताकि छात्र गद्य की विधाओं का भी परिचय प्राप्त कर पाएँ।

CTH वार्तालाप तथा देवनागरी लिपि

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का उद्देश्य छात्रों को वार्तालाप के प्राम्भिक रूपों से अवगत कराना है। साथ ही हिंदी भाषा की लिपि के विकास से अवगत करवाना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम के माध्यम से छात्र वार्तालाप के विभिन्न स्तरों की समझ विकसित कर पाएँगे। हिंदी भाषा के ज्ञान में देवनागरी लिपि का ज्ञान अत्यंत महत्वपूर्ण है। लिपि किसी भी भाषा की संरचना और विकास का आधार है। यह पाठ्यक्रम के माध्यम से छात्रों को हिंदी भाषा के स्वरूप को समझने का अवसर प्राप्त होगा।

जनवरी-मई 2021

हिंदी साहित्य का इतिहास (आदिकाल और मध्यकाल)

[क] पाठ्यक्रम के उद्देश्य

प्रस्तुत पाठ्यक्रम का लक्ष्य छात्रों को हिंदी साहित्य के इतिहास से परिचित करवाना है ताकि उनमें हिंदी साहित्य की बेहतर समझ विकसित हो। इस कोर्स में विशेषरूप से हिंदी साहित्य के आरंभिक कालों जैसे आदिकाल और मध्यकाल को अध्ययन का आधार बनाया गया है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

यह पाठ्यक्रम छात्रों की हिंदी साहित्य के इतिहास के पठन-पाठन की समझ को विकसित करेगा। छात्र विभिन्न इतिहासकारों के द्वारा लिखित हिंदी साहित्य के इतिहास को विश्लेषणपरक ढंग से समझने में मदद मिलेगी। छात्रों को इतिहास के लेखन और निर्माण के विभिन्न पक्षों से भी परिचित करवाया जाएगा।

हिंदी कविता (रीतिकालीन काव्य)

[क] पाठ्यक्रम के उद्देश्य

इस कोर्स के माध्यम से रीतिकालीन कविता एवं कवियों का परिचय प्राप्त होगा। विधार्थियों को रीतिकालीन कवियों की रचनाओं पाठ करने का अवसर प्राप्त होगा।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस कोर्स के माध्यम से छात्रों को भक्तिकाल के बाद सामाजिक, सांस्कृतिक और राजनैतिक परिस्थितियों में हो रहे बदलावों के कारण कविता में आ रहे बदलावों को जानने समझने में मदद मिलेगी। संस्कृति लक्षण ग्रंथों की परिपाटी पर रचे जा रहे रीतिकालीन लक्षण ग्रंथों को समझने का बेहतर अवसर प्राप्त होगा। छात्रों को ब्रजभाषा काव्य की समृद्ध परम्परा को जानने और समझने का भी अवसर प्राप्त होगा।

भारतीय काव्यशास्त्र

[क] पाठ्यक्रम के उद्देश्य

इस कोर्स के माध्यम से छात्रों को भारतीय काव्यशास्त्र की समृद्ध परंपरा का ज्ञान प्राप्त कर सकेंगे और साथ ही संस्कृत काव्यशास्त्र के भारतीय काव्यशास्त्र पर प्रभाव की विवेचना भी कर पाएंगे। यह कोर्स छात्रों को भारतीय साहित्य की प्राचीन परंपरा से जोड़ेगा।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस कोर्स के द्वारा छात्रों को संस्कृत काव्यशास्त्र की परम्परा पर आधारित भारतीय काव्यशास्त्र का ज्ञान प्राप्त हुआ, जिसके अंतर्गत काव्य के विभिन्न लक्षणों जैसे रस, छन्द, वक्रोक्ति एवं अलंकार आदि का ज्ञान प्राप्त हुआ। छात्रों को हिंदी आलोचना की परम्परा की पूर्वपीठिका के सन्दर्भ में रखकर भारतीय काव्यशास्त्र को पढ़ाया गया है।

हिंदी कविता (छायावाद के बाद)

[क] पाठ्यक्रम के उद्देश्य

इस कोर्स के द्वारा छात्र छायावादयुगीन कविता के बाद के हिंदी साहित्य के स्वरूप को जान सकेंगे। इसका उद्देश्य विशेषरूप से छायावाद के बाद की कविता के भाव और शिल्प का अध्ययन करना रहेगा।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम के पठन पाठन से छात्रों को कविता को एक कालविशेष के सन्दर्भ में जानने एवं समझने में मदद मिलेंगी। इसके अतिरिक्त यह भी जानने में मदद मिलेगी कि उच्च शैक्षिक स्तर पर हिंदी कविता किस प्रकार महत्वपूर्ण भूमिका निभा सकती है। विद्यार्थियों में काव्य सौन्दर्य, काव्यानुभूति को समझने एवं परखने का ज्ञान विकसित होगा। साथ ही कविता के पठन पाठन से छात्रों में उद्भात भाव का संचरण होने में मदद मिलेगी।

हिंदी उपन्यास

[क] पाठ्यक्रम के उद्देश्य

इस कोर्स का उद्देश्य छात्रों को गद्य की विधा उपन्यास के उद्भव और विकास से परिचित कराना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस कोर्स के द्वारा छात्रों ने उपन्यास के जन्म एवं आवश्यकता को समझा साथ ही उपन्यास के उद्भव के कारणों को भी जाना। आधुनिक काल से लेकर समकालीन प्रतिनिधि उपन्यासकारों जैसे श्रीनिवासदास, प्रेमचंद, यशपाल और मन्नू भंडारी आदि के बारे में पढ़ा और उपन्यास की विधा के प्रति एक बेहतर समझ को विकसित करने का प्रयास किया।

हिंदी आलोचना

[क] पाठ्यक्रम के उद्देश्य

इस कोर्स का लक्ष्य छात्रों में आलोचना की सैद्धांतिकी और उसके प्रति एक व्यावहारिक समझ को पैदा करना है। जिससे की किसी भी रचना का तार्किक दृष्टि अध्ययन मनन किया जा सके।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस कोर्स के माध्यम से छात्रों ने हिंदी आलोचना के उद्धव और विकास को बेहतर ढंग से समझा। भिन्न आलोचकों के आलोचनात्मक कार्यों के द्वारा छात्रों में किसी भी रचना को विश्लेषित करने की समझ का विकास किया गया जिससे की वह रचना के गुण और दोष को तार्किक ढंग से देख सके। छात्रों को आलोचना के पाठों के साथ-साथ उनके व्यक्तित्व और विचारधाराओं को समझने की आवश्यकताओं को समझने पर भी बल दिया गया। जिससे की छात्रों की आलोचना कर्म के प्रति रुचि जागृत हो सके।

हिंदी निबंध और अन्य गद्य विधाएं

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य छात्रों को कहानी और उपन्यास आदि के इतर निबंध और अन्य गद्य विधाओं से परिचित कराना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम में अन्य गद्य विधाओं की कुछ चुनी हुई महत्वपूर्ण रचनाओं के पठन-पठन के माध्यम से इन रचनाओं का विश्लेषण किया जाएगा। यह भी जानने में मदद मिलेगी कि किस प्रकार यह विधाएँ कथेतर साहित्य से अलग हैं। छात्रों को इन विधाओं के प्रसिद्ध लेखकों एवं उनकी रचनाओं का परिचय भी दिया जाएगा।

DSE-I हिंदी की भाषिक विविधताएँ

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का उद्देश्य छात्रों को विभिन्न भाषाई रूपों में साहित्य की समझ को विकसित करना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

यह विषय छात्रों को साहित्य और भाषाई संस्कृति के संबंध को समझने में मदद करेगा। छात्रों को विभिन्न भाषा एवं बोलियों के रचनाकारों की रचनाओं की प्रस्तुति के पठन पाठन का अवसर प्राप्त होगा। इनके अध्ययन के अतिरिक्त छात्रों को पर्यटन, नृत्य-संगीत आदि में रुचि का अवसर भी प्राप्त होगा।

DSE-II हिंदी रंगमंच

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य छात्रों को रंगमंच के सिद्धांतों से परिचित करवाने के साथ-साथ रंगमंच का व्यावहारिक ज्ञान देना है। इनकों समझने का आधार प्रसिद्ध नाटककारों की रचनाओं को बनाया गया है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

यह पाठ्यक्रम छात्रों की रंगमंच के विकास और विभिन्न शैलियों को समझने में मदद करेगा। विभिन्न नाटकों के अध्ययन के माध्यम से प्रसिद्ध रचनाकारों की रंगदृष्टियों से छात्रों को अवगत कराया जाएगा। इसके साथ ही छात्र पारंपरिक और आधुनिक रंगमंच के अंतर को समझ पाएँगे। रंगमंच के गहन अध्ययन से छात्रों में भारतबोध विकसित होगा।

जी.ई. (पटकथा और संवाद लेखन)

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य सिनेमा और लेखन में रूचि रखने वाले विद्यार्थियों को इस विषय पर बेहतर समझ बनाने का अवसर प्रदान करना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम के माध्यम से छात्र साहित्यिक कृतियों को पटकथा में रूपांतरित करने के लेखकीय कौशल को सीख पाएँगे और साथ ही संवाद लेखन के तरीकों की समझ भी विकसित करने में सक्षम होंगे। यह विषय विद्यार्थियों को भविष्य में रोजगार के अवसर भी मुहैया करवाने में मददगार साबित होगा।

जी.ई. (भाषा शिक्षण)

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य छात्रों को भाषा शिक्षण की अवधारणात्मक स्थिति और महत्व के साथ-साथ राष्ट्रीय, सामाजिक और शैक्षिक सन्दर्भों से परिचित करवाना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम की मदद से छात्र भाषा शिक्षण की संकल्पनाओं और सिद्धांतों से परिचित होंगे। भाषा शिक्षण की ऐसी समझ विकसित करने के पश्चात् विभिन्न भाषाई कौशलों के ज्ञानार्जन के उपरांत विद्यार्थी शिक्षण, मीडिया, अभिनय आदि क्षेत्रों में अपनी प्रतिभा का विकास कर सकेंगे। वे शिक्षण और प्रशिक्षण के क्षेत्र में नई पद्धतियों का अनुसंधान करने की दिशा में आगे बढ़ पाएँगे।

SEC भाषा और समाज

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य भाषा और समाज के अन्तः संबंध स्पष्ट करते हुए भाषा और समाज के विविध पहलूओं को जानने में छात्रों की मदद करना है। भाषा व्यवस्था एवं उसके विविध रूपों से अवगत होना था भाषा के समाजशास्त्र के विविध रूपों का अध्ययन करना है ताकि समाज में निरंतर हो रहे बदलावों को बेहतर ढंग से समझा जा सके।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम के द्वारा छात्रों में भाषा और समाज के परस्पर संबंध को लेकर नए विचारों का विकास होगा जिससे वे भाषा की संरचना और भाषा व्यवहार को बेहतर ढंग से समझ पाएँगे। पाठ्यक्रम के माध्यम से वह भाषा को प्रभावित करने वाले विभिन्न सामाजिक कारकों जैसे जाति, धर्म, आयु और लिंग आदि से भी परिचित हो पाएँगे।

बी.ए.(प्रोग्राम)

HN A हिंदी भाषा और साहित्य 'क'

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य छात्रों को हिंदी भाषा और साहित्य की सामान्य जानकारी प्रदान करना है। इसके अलावा हिंदी की राजभाषा, राष्ट्रभाषा और संपर्कभाषा के रूप में स्थिति का परिचय करना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम की मदद से छात्रों को हिंदी की संवैधानिक स्थिति को जानने और समझने में मदद मिलेगी। इसके अतिरिक्त विशिष्ट कविताओं के अध्ययन-विश्लेषण के माध्यम से कविता संबंधी समझ को विकसित करने में भी मदद मिलेंगी।

HN B हिंदी भाषा और साहित्य 'ख'

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य हिंदी भाषा और उसके साहित्य के विकास से छात्रों को परिचित कराना है। छात्रों को कविता के अध्ययन विशेषण के माध्यम से साहित्य के विभिन्न पक्षों से परिचित कराना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम से छात्रों को हिंदी साहित्य के विभिन्न कालों के प्रमुख कवियों जैसे भक्तिकाल से कबीर, रीतिकाल से बिहारी और आधुनिक काल से निराला आदि की रचनाओं के माध्यम से साहित्य को जानने समझने का अवसर प्राप्त होगा। साथ ही छात्रों में काव्य की आलोचनात्मक दृष्टि का भी विकास होगा।

HN C हिंदी भाषा और साहित्य 'ग'

[क] पाठ्यक्रम के उद्देश्य

प्रस्तुत पाठ्यक्रम का लक्ष्य छात्रों को हिंदी भाषा का सामान्य परिचय देना एवं हिंदी के भौगौलिक विस्तार से परिचित कराना रहेगा। साथ ही विभिन्न कालों में काव्य के विकास को जानने समझने का अवसर भी प्राप्त होगा।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम के माध्यम से छात्रों को आदिकाल से लेकर आधुनिक काल तक के काव्य की सामान्य विशेषताओं के विषय में जाने का अवसर प्राप्त होगा। कबीर, सूरदास, घनानंद से लेकर आधुनिक काल के प्रमुख कवियों जैसे सुभद्राकुमारी चौहान और मैथिलीशरण गुप्त आदि की रचनाओं के अध्ययन मनन के द्वारा तत्कालीन समाज की परिस्थितियों को समझने में मदद मिलेगी।

हिंदी अनुशासन

हिंदी कविता मध्यकाल और आधुनिककाल

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य छात्रों को मध्यकाल और आधुनिक काल में हो रहे कविता के विकास से परिचित करवाना है। साथ ही छात्रों को मध्यकाल और आधुनिक काल के प्रमुख कवियों से का परिचय देना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम के द्वारा छात्र कविताओं के अध्ययन-विश्लेषण की पद्धति को सीख और समझ पाएंगे। तत्कालीन परिस्थितियों को काव्य के माध्यम से समझने के कारण छात्रों को साहित्य के सामाजिक-राजनितिक-सांस्कृतिक पहलूओं को जाने में भी मदद मिलेगी।

अन्य गद्य विधाएँ

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य छात्रों को कहानी और उपन्यास आदि के इतर गद्य की प्रचलित अन्य गद्य विधाओं से परिचित कराना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम में अन्य गद्य विधाओं की कुछ चुनी हुई महत्वपूर्ण रचनाओं के पठन-पठन के माध्यम से इन रचनाओं का विश्लेषण किया जाएगा। यह भी जानने में मदद मिलेगी कि किस प्रकार यह विधाएँ कथेतर साहित्य से अलग हैं। छात्रों को इस विधाओं के प्रसिद्ध लेखक एवं उनकी रचनाओं का परिचय भी दिया जाएगा।

विशेष अध्ययन: एक प्रमुख साहित्यकार (कबीर)

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का उद्देश्य छात्रों को हिंदी साहित्य के भक्तिकाल, निर्गुण काव्यधारा और संत काव्यधारा से अवगत कराना है। साथ ही कबीर-काव्य की प्रकृति और संरचना की समझ विकसित करना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम के माध्यम से छात्रों को भक्तिकाल की राजनीतिक-सामाजिक-सांस्कृतिक-धार्मिक स्थितियों को समझने में मदद मिलेगी। यहाँ भक्तिकाल के प्रमुख हस्ताक्षरों में से प्रमुख माने जाने वाले कबीरदास की रचनाओं के अध्ययन विश्लेषण के माध्यम से तत्कालीन समाज की परिस्थितियों को समझने में मदद मिलेगी। कबीरदास के काव्य में दिखाई पड़ने वाली सामाजिक जीवन की विवेचना करने का अवसर भी प्राप्त होगा।

AECC हिंदी भाषा और संप्रेषण

[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य भाषिक संप्रेषण के स्वरूप और सिद्धांतों से छात्रों का परिचय करवाना है। छात्रों को संप्रेषण के सभी माध्यमों का ज्ञान प्रदान करवाया जाना भी इसका लक्ष्य है ताकि भाषा और संप्रेषण को पूर्ण रूप से समझा जा सके।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम की मदद से छात्र संप्रेषण की प्रक्रिया और मॉडलों के अलावा अभाषिक संप्रेषण की आवश्यकता एवं इसके प्रयोगों के बारे में एक बेहतर समझ विकसित कर पाएंगे। रोजगार की आवश्यकताओं को ध्यान में रखते हुए व्यावसायिक सम्प्रेषण का ज्ञान भी छात्रों को प्रदान किया जाएगा।

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[क] पाठ्यक्रम के उद्देश्य

इस पाठ्यक्रम का लक्ष्य छात्रों को हिंदी गद्य के उद्धव और विकास से परिचित कराना है ताकि वह गद्य की सभी विधाओं के विकास को बेहतर ढंग से समझ पाएं।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम के माध्यम से छात्रों को हिंदी गद्य के उद्धव की आवश्यकता को समझने का अवसर प्राप्त होगा और साथ ही यह जाने में मदद मिलेगी की गद्य की विधा का विकास

किन परिस्थितियों में हुआ। आधुकनिक गद्य का जनक माने जाने वाले भारतेन्दु के सम्पूर्ण काल की जानकारी भी छात्रों को प्राप्त होगी। हिंदी गद्य के विकास को बेहतर ढंग से समझने के लिए कुछ पाठों को पाठ्यक्रम में सम्मिलित किया गया है ताकि छात्र गद्य की विधाओं का भी परिचय प्राप्त कर पाएँ।

CTH व्यावहारिक व्याकरण तथा रचना

[क] पाठ्यक्रम के उद्देश्य

किसी भी भाषा के ज्ञान के लिए उस भाषा के व्याकरण का ज्ञान विशेष महत्व रखता है। ध्वनि, शब्द, पद, वाक्यांश का न केवल ज्ञान होना चाहिए वरन् किसी भी भाषा को एकरूप बनाने में व्याकरण की महत्वपूर्ण भूमिका होती है। वर्तमान समय में हिंदी भाषा के वैश्वीकृत होते रूप को सुदृढ़ करने हेतु व्याकरण को व्यावहारिक बनाना भी अनिवार्य हो गया है। इस पाठ्यक्रम का लक्ष्य छात्रों को इन्हीं विन्दुओं से परिचित कराना है।

[ख] पाठ्यक्रम के पठन-पाठन के परिणाम

इस पाठ्यक्रम छात्रों का भाषा के व्याकरणिक नियमों से परिचित करवाएगा और व्याकरण के आधारभूत नियमों की जानकारी देगा। भाषा की व्याकरण के द्वारा ही किसी भाषा को मानक रूप की प्राप्ति होती है, ऐसे में यह पाठ्यक्रम छात्रों को भाषा के मानक रूप प्राप्त करने की प्रक्रिया से परिचित करवाएगा। इससे छात्रों को भाषा की विविध ध्वनियों के उच्चारण के नियमों का समुचित ज्ञान प्राप्त होगा।