

## **PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES, COURSE OUTCOMES**

### **Mechanism of Communication:**

The College has clearly stated learning outcomes of the Programs and Courses. The following mechanism is followed by the institution to communicate the learning outcomes to the teachers and students.

- Hard Copy of syllabi and Learning Outcomes are available in the departments for ready reference to the teachers and students.
- Learning Outcomes of the Programs and Courses are displayed on the walls outside each department.
- Soft Copy of Curriculum and Learning Outcomes of Programs and Courses are also uploaded to the Institution website for reference.
- The importance of the learning outcomes has been communicated to the teachers in every IQAC Meeting and College Committee Meeting.
- The students are also made aware of the same through prayer assembly and study circle sessions.

### **Department of English (B.A.)**

#### **Programme Outcome**

The Programme deals with Phonetics, phonology, morphology, lexis, semantics and pragmatics in detail so as to enable students to have mastery over all language skills and in depth understanding of all the aspects of the language. English, being an international language and a language of Science, technology, business and communication in multilingual Indian context, provides tremendous opportunities in every vocational field in India and abroad.

Apart from the lingual knowledge and language skills the Programme develops intellectual, personal and professional abilities through effective communicative skills and ensures high standard of behavioural attitude through literary subjects. Moreover it also shapes the students as socially responsible citizens.

#### **Programme Specific Outcome**

The Programme enables students to acquire a sound comprehension of literary, societal, cultural, biographical and historical background of the greatest writings in British, American and Indian English Literature. Furthermore it also provides adequate information on colonization and post-war consequences through the literary, societal, cultural, biographical and historical background of the greatest writings in Commonwealth literature. It peeps into the history of English Language and varied components of linguistic structures of the language. The Programme ensures that the students master all four language skills and become effective communicators with in depth knowledge of cultural aspects of the language enabling them to use variety of structures in any given situation. They can apply critical frameworks to analyze the linguistic, cultural and historical background of texts written in English. They will be familiar with the

conventions of diverse textual genres including fiction, non-fiction, poetry, autobiography, biography, Journal, film, plays and so on.

### **Course outcomes**

The course includes Foundation (Compulsory) English paper which deals with vocabulary improvement. In the first semester it is about lyrical poetry and short stories that initiates them in literary world. The second semester includes Metaphysical Poetry and a play by Shakespeare that develops their concept of English literature further. The third and fourth semester introduces literary criticism along with literary master pieces and literary forms. Semester five makes room for elaborate study of the history of English literature, literary criticism, English language, linguistics and the study of master pieces of the great writers. It also includes the glimpse of Sanskrit Literary critical traditions. Semester six enables them understanding literary discourses better. A paper is specifically devoted to literary 'Isms' like Modernism, Marxism, Feminism, Romanticism, Classicism, etc. There is further study in English Language and Phonetics. The course introduces Indian English Literature.

### **Department of Sanskrit (B.A.)**

#### **Programme Outcome**

'Sanskrit' term is related with 'Sanskara' which denotes both religious and cultural heritage. Sanskrit is the key to Indian civilization, and is taught in this spirit at our institution. While our country is known for its great culture, heritage and spirituality, it has excelled in fields every field be it logic, music or any kind of art or literature. Sanskrit literature, both sacred and secular, is immensely rich and varied. The BA in Sanskrit is a three-year degree. The course concentrates on giving students a thorough grounding in the language, and the bulk of the teaching proceeds by the reading and explication of classical texts. Students also specialise in a subject area of their choice.

In modern times when Western countries like U.K. and Germany are giving importance to Sanskrit, our country, which is rapidly moving to become westernised, seems to forget both the Sanskrit language and the Sanskriti. In this context we need to produce more people with mastery over not only the language but also the rich literature and tradition that it represents. The programme does the same and aims to pass on our rich heritage and values to the new generations. It creates wide vocational opportunities in various fields in private as well as government sector in India as well as abroad.

#### **Programme Specific Outcome**

The Programme creates various job opportunities in India and abroad as the classical language taught across the world. They can become translators and teachers. It enables students to acquire a sound comprehension of literary, societal, cultural, biographical and historical background of the greatest writings in Sanskrit in India. Furthermore it also provides adequate information on the history of India and the development of the language through the literary, societal, cultural, biographical and historical background of the greatest writings in Sanskrit. The Programme ensures that the students master all four language skills and become effective communicators with in depth knowledge of cultural aspects of the language enabling them to use variety of structures in any given situation.

## Course Outcome

The course in Sanskrit includes variety of literature along with grammar.

The First Year deals with 'Nitishatak' which imparts practical knowledge through beautiful 'Subhashits'. Moreover it introduces great scriptures through 'Madhyamvyayog' and 'Pancharatram' based on 'Mahabharat'. The course provides vivid details of great poets of Sanskrit and their ideals through The History of Sanskrit. 'Hitopadesh' is an Indian text in the Sanskrit language consisting of fables with both animal and human characters. It incorporates maxims, worldly wisdom and advice on political affairs in simple, elegant language. Furthermore 'Raghuvansh' epic depicts the stories of great kings belonging to the dynasty and their great ideals and values.

The Second Year includes Asvaghosa's Saundaranandam an epic poem with the theme of conversion of Nanda, Buddha's half-brother, so that he might reach salvation. The first half of the work describes Nanda's life, and the second half of the work describes Buddhist doctrines and ascetic practices along with great qualities of Buddha which can be inculcated in students. Kavya Prakash Granth introduces Ras, Alankar, Davni, etc. Kadambari shows incredible narrative of the author Banbhatt.

The Third Year deals with The Manusmṛti which is an ancient legal text among the many Dharmasastras of Hinduism. It was one of the first Sanskrit texts to have been translated into English in 1776, by Sir William Jones, and was used to formulate the Hindu law by the British colonial government. It presents itself as a discourse given by Manu (Svayambhuva) and Bhṛigu on dharma topics such as duties, rights, laws, conduct, virtues and others. The text's fame spread outside India, long before the colonial era. The medieval era Buddhist law of Myanmar and Thailand are also ascribed to Manu, and the text influenced past Hindu kingdoms in Cambodia and Indonesia. Thus, it imparts great understanding in the students. Moreover the course includes Shrimad Bhagavad Gita which is set in a narrative framework of a dialogue between Pandava prince Arjuna and his guide and charioteer Krishna. Krishna's counsel, answers and discourse constitute the Bhagavad Gita. Krishna counsels Arjuna to "fulfill his Kshatriya (warrior) duty to uphold the Dharma" through "selfless action". The Krishna-Arjuna dialogue cover a broad range of spiritual topics, touching upon ethical dilemmas and philosophical issues that go far beyond the war Arjuna faces. The Bhagavad Gita presents a synthesis of Hindu ideas about dharma, theistic Bhakti, and the yogic paths to moksha. The synthesis presents four paths to spirituality – Gyana, bhakti, karma, and raja yogas. These incorporate ideas from the Samkhya-Yoga and Vedanta philosophies. Furthermore the Arthashastra, likely to be the work of several authors over centuries, Kautilya, also identified as Vishnugupta and Chanakya, is traditionally credited as the author of the text. The latter was a scholar at Takshashila, the teacher and guardian of Emperor Chandragupta Maurya. The title "Arthashastra" is often translated to "the science of politics", but the book Arthashastra has a broader scope. It includes books on the nature of government, law, civil and criminal court systems, ethics, economics, markets and trade, the methods for screening ministers, diplomacy, theories on war, nature of peace, and the duties and obligations of a king. The text incorporates Hindu philosophy, includes ancient economic and cultural details on agriculture, mineralogy, mining and metals, animal husbandry, medicine, forests and wildlife. Thus, the students can be exposed to rich and varied knowledge of ancient literature, spirituality, wisdom and ideology expressed in the great works of Sanskrit.

## **Department of Hindi (B.A.)**

### **Programme Outcome**

As Hindi is our National language, the students, who learn the language well, can work anywhere in India. Moreover Hindi is one of the official languages of India and has 528 million native speakers as of the 2011 Census. About 139 million Indians speak Hindi as a second language and 24 million speak it as their third language. Thus, the multilingual context in India makes learning the language extremely important. Be it government or private sector knowledge of Hindi creates great vocational advantages. It provides in depth knowledge of grammar and vocabulary. It also offers practice in translation from Hindi to Gujarati and Gujarati to Hindi, the students can become Translators in many Central Government Offices. Through studying Poetry and other forms of literary work, they can become creative writers, poets and authors. Criticism is an important aspect of the course through which students can become critics or opt to become journalists or columnist. By studying dramas and one act plays, they can become good actors. Through developing good communication skills and command over language one can become a good speaker. Having good command over particular language one can present himself in a better way vocationally.

### **Programme Specific Outcome**

The Programme enables students to acquire a sound comprehension of literary, societal, cultural, biographical and historical background of the greatest writings in Hindi in India. Furthermore it also provides adequate information on our history, freedom struggle, colonization through the literary, societal, cultural, biographical and historical background of the greatest writings in Hindi. It peeps into the history of Hindi Language and varied components of the language. The Programme ensures that the students master all four language skills and become effective communicators with in depth knowledge of cultural aspects of the language enabling them to use variety of structures in any given situation. They will be familiar with the conventions of diverse textual genres including fiction, non-fiction, poetry, autobiography, biography, dramas and so on.

### **Course outcomes**

The first two semesters in Hindi introduces Hindi Grammar, poetry and story writing. Here emphasis on Language skills is also eminent part of the course. The poetry inspires the students to live a natural and pious life while stories inspire them to cultivate socio-familial responsibilities and individual thinking. The characters of Chandradhar Sharma Guleri, Jayshankar Prasad, Munshi Premchand remain on the path of truth, renunciation, faithfulness, allegiance and ethics in spite of unfavourable conditions.

The third and fourth semesters in Hindi introduces the students with Aadikal, Bhaktikal and Ritikal which expands their literary knowledge and thinking. Along with Historical works the course also deals with Modern poetry, national, Chaayavadi, Progressive, Experimental, Halavadi and the new forms of Hindi Poetry. Students know genres like One act play,

PrabandhKavya, Novel. Through this qualities like lingual preparedness, clarity of expression, human sensitivity and goal orientation are developed in the students.

The course in fifth and sixth semesters enlarges the intellectual of the students. The origin and development of Hindi Literature, genres and language science as well as study of ancient and old literary works inspires students to be original creative writers. The point of view of investigative thinking is developed in the students. To achieve their goals students competitively give their best contribution. The course transforms the individual lives of students and uplifts them. So the course not only produces ideal citizens but also creates job opportunities for them.

## **Department of Gujarati (B.A.)**

### **Programme Outcome**

There are about 66 million speakers of this language who are spread across the globe. This huge number makes this language the 26th most widely spoken language all over the globe. The Gujarati grammar was introduced by a Jain Monk and an eminent scholar –HemchandraAcharya. This script is known to be an extended version of the Devanagari script – the same script which supports languages including Hindi and Sanskrit. This language is also a major part of the Greater Indo – European language clan. The language is descended from the language of Sanskrit and the first ever manuscript of the Gujarati language was written way back in 1592. In the Gujarat State of India, which is the Home and Hub of Gujarati Language, so many types of Gujarati are spoken.

However new trend of preferring English language over Gujarati and opting for English medium from primary to higher studies seems to eradicate the importance of Gujarati. New generations have very little knowledge of classical Gujarati language and many dialects. Along with language the culture and values are also harmed.

The Programme has the purpose to revive the classical language, its dialects and the values and culture incorporated in the language. It enables the students to develop literary viewpoint and understanding. The students develop aesthetics and art related point of view. It also enables students to conduct research and comparative study and indulge in creative writing to further contribute to the language and literature. The programme stresses on Socio-cultural aspect of literature and language and inculcates values as well as humanitarian approach. It also creates various job opportunities in various fields like education, government sectors, creative writing, reporting and so on.

### **Programme Specific Outcome**

The Programme creates various job opportunities in India and abroad as the language is used by Gujarati people spread all over India and across the world. They can become translators and teachers. It enables students to acquire a sound comprehension of literary, societal, cultural, biographical and historical background of the greatest writings in Gujarati in India. Furthermore it also provides adequate information on the history of Gujarat and Gujarati Language through the literary, societal, cultural, biographical and historical background of the greatest writings in Gujarati. The Programme ensures that the students master all four language skills and become effective communicators with in depth knowledge of cultural aspects of the language enabling

them to use variety of structures in any given situation. They will be familiar with the conventions of diverse textual genres including fiction, non-fiction, poetry, autobiography, biography, dramas and so on.

### **Course Outcome**

The course in Gujarati includes variety of literary genres and important works.

The First Year deals with...

**KuwarbainuMameru**

The social status and religious outlook of the people is portrayed with the introduction of one of the greatest devotional poet, Narsinh Mehta

**SudamaCharitra**

Along with the study of exemplary Gujarati language use it inculcates values like friendship and honesty.

**Jay Somnath**

It cultivates interest in historical literature.

**SundaramniPratinidhiVarta**

It peeps into the life of students and various aspects related to it.

**ChunteliKavita**

It is a study of various kinds of poetic forms and poetry.

**AnandParavar**

It is a study of various kinds of poetic forms and poetry.

**SaurashtraniRasdhar**

It deals with many stories related to Saurashtra region in Gujarat with historical perspective and study of nature and human nature along with the values of the time.

**DhumketuniShreshthVartao**

It deals with social system and cultural values.

The Second Year includes...

**GranthkaronoAbhyas**

It deals with the form of novel and a prominent novelist KaniyalalMunshi and his contribution.

**Akhepatar**

It is a modern novel incorporating new experiments in the field.

**Madhya KalinSahitya**

It deals with the middle period of Gujarati Literature.

**SaatRangnaSarname**

It is a poetry and introduces a new poetic form.

The Third Year deals with...

**Arvachin Gujarati SahityanoItihas**

It deals with the history of modern Gujarati literature and writers.

**BhasaVigyan**

It deals with the history of Gujarati language and its form.

**SahityanaSidhanto**

It deals with the modern and new writers' critical views.

**Arvachin Gujarati SahityaSwarupnoAbhyas**

It deals with short stories and the development of the form.

**PremPachhisi**

It deals with Mythological and Medieval story writing.

BharatiyaBhashaniKrutiHajarChoriyasini Ma

It deals with the development of novel form.

Janmatip

It deals with the novel depicting socio-cultural scenario of the time.

ApathitKavyonoAshvadaneGadyakhandnaVivranAneShahityikNibandh

It deals with various poetry and prose writing and the development of the various forms.

## **Department of Sociology (B.A.)**

### **Programme Outcome**

Students will establish themselves as effective professionals by solving real problems through the use of methods of sociology, knowledge and with attention to team work, effective communication, critical thinking and problem solving skills. Students will develop professional skills that prepare them for immediate employment and for life-long learning in advanced areas of sociology, social work and related fields.

### **Programme Specific Outcome**

It develops the ability to understand, analyze and develop the social policies for the social development. Students can become a professor or teacher in school after pursuing professional degrees, P.G. and Ph.D. They can be employed in any field work based job. Moreover they can be legal advisors, advisors in industries, research officers, probation officers, workers in family planning programmes or any survey related job.

### **Courses Outcomes**

The course in Sociology includes variety of papers. The First Year deals with..

Introduction to Sociology

Here the basic concepts of Sociology are learned in details.

Indian Society

It introduces Indian society and provides related details like population, variety of Indian communities and tribal people, religions, languages, etc. It also includes information about Indian cities and villages as well as various institutions.

General Sociology

Concepts of sociology and sociological viewpoint is learned.

Matrimonial and Social Issues

Various aspects of marital lives in India and related issues are incorporated.

The Structure of Indian Society

The social structure of Indian society and the institutions of India are incorporated.

The Second Year deals with..

Rural Sociology

It deals with the rural societies, its concepts, institutions, issues, management etc.

The Social Issues of India

It discusses various social issues of India.

Tribal Community

It deals with the details of the Indian Tribal Community.

### Environmental Sociology

It discusses the environmental issues and relation of society with environment

### The Status of Women in Indian Society

It discusses the state of women in Independent India.

The Third Year deals with..

### Sociological Thinkers

It deals with detailed discussion on various sociological thinkers and their thoughts.

### Introduction to Sociological Research

It provides basic knowledge of Sociological research and research in general.

### The Issues of Women

The rights and issues of women in India are incorporated in detail.

### Industrial Sociology

It deals with Industries as a part of social structure and studies human relationships in industries and studies bureaucracy and condition and issues of workers.

### Social Transformation in Modern India

The various changes and transformations in India after the independence and the issue of nationalism are incorporated.

### Population and India

The issue of population in India is incorporated

### The Method and Technique of Sociological Research

Students are made aware of the Method and Technique of Sociological Research.

### Social Psychology

The study of Individual behaviour in social context.

### Rural Development

The students are made aware of various development schemes for the rural areas and the issues related to them.

### Labour Laws and Welfare

The study of labour laws and welfare laws in Indian constitution.

### Health and Family Welfare

The study of Indian Population Policy, family planning, population education and health and welfare.

## **Department of Economics (B.A.)**

### **Programme Outcome**

Economics is the perfect combination of numbers and words, problems and essays, calculations and interpretations. It is both an art and a social science subject. Students have the opportunity to build models which give insights into the real world, and then to critique these models on the basis of their assumptions. There is rarely a right answer in economics but any argument put forward must be backed up by quantitative evidence. Students ultimately enjoy and develop analytical and evaluative skills. Economics plays a key role in all aspect of life and is an important subject worth knowing more about. So far as creating vocational abilities are concerned

the programme enables students to get a job in various fields and government and non-government sectors. Moreover they can be entrepreneurs as well.

### **Programme Specific Outcome**

Economics has very powerful real world implications. It can help us answer many big questions such as why some countries are rich while others are poor; why men earn more than women; how data can help us make sense of world; what causes recessions; including dealing with shortage of raw materials; working out how wealth is distributed and redistributed within society; determining the extent to which the government should intervene in the economy; and using principles and measures such as opportunity cost, social efficiency, forecast and evaluation. The students are provided with practical training through teaching and study circle activities as well. They can explore an issue or topic of current affairs, analyze and find solutions to social, political or community problems, generate ideas or suggest courses of action, increase the knowledge, develop deeper understanding through discussion, they can have meaningful and productive dialogue, have practical exposure through industrial visit and rural visit. The program creates various job opportunities. The students can become an accountant, Actuarial analyst, Data analyst, Economist, Economic Researcher, Financial Consultant, Financial Planner, Financial Risk Analyst, Forensic Accountant, Income Tax Officer, Indian Economic Service, Investment analyst, Statistician, Stock Broker, Business Development Manager, Civil Service Fast Streamer, Data Scientist, Diplomatic Service Officer, Local Government Officer, Management Consultant, Policy Officer, Quantity Surveyor and so on.

### **Course Outcome**

Elementary Economics

It deals with the basic concepts and idea about economics

Indian Economy

Study of the basic questions of Indian Economics

Introduction of Economics

The introduction and principles of economics

Problems of Indian Economy

The paper deals with the problems of Indian Economy.

Macro Economics

Study of industries, agriculture, service sector, national income and per capita income of the Indian economy.

Economics of Money and banking

Study of money and banking methods and resources.

Co-operation

The study of Indian cooperative activities, cooperative banks, cooperative circles and cooperative establishments

Economics of Public Finance

Micro Economics

The study of basic concepts, principles and markets of economics

Development and Economics of Environment

The study of the contribution of development and environment in Economics

Comparative study of Economic systems.

The comparative study of financial methods of Economics at global level

Introduction to Social Research

Basics of research are studied.

International Economics

The position of Indian in international business and organisation and study of global issues.

History of Economic Thoughts

The study of the economic thoughts of ancient, modern and post modern economists.

Banking and Financial Market

The broad study of method of banking, quantitative and qualitative instruments, facilities and money market.

## **Department of Commerce (B. Com. Gujarati and English Medium)**

### **Programme Outcome**

The commerce stream is quite a popular choice in India, as the stream offers them a wide arena of career options to pursue that would bring them both success as well as financial security easily. Commerce as a stream of education can be defined as a study of trade and business activities such as the exchange of goods and services from producer to final consumer. This program could provide well trained professionals for Industries, Banking Sectors, Insurance Companies, Financing companies, Transport Agencies, Warehousing etc., to meet the well trained manpower requirements. The graduates will get hands on experience in various aspects acquiring skills for Marketing Manager, Selling Manager, overall Administration abilities of the Company.

### **Programme Specific Outcome**

The students should possess the knowledge, skills and attitudes during the end of the B.com degree course. By virtue of the training they can become a Manager, Accountant, Management

Accountant, costAccountant, Bank Manager, Auditor, Company Secretary, Teacher,Professor, Stock Agents and so on.

## **Course Outcome**

### **Semester 1 & 2**

#### 1. English -1&2 (Foundation)

The Course deals with vocabulary, grammar and poetry as well as prose in detail so as to enable students to have mastery over all language skills and in depth understanding of all the aspects of the language. The presentations and assignment also further develops communicative skills of the students. Apart from the lingual knowledge and language skills the Programme develops intellectual, personal and professional abilities through effective communicative skills and shapes the students as socially responsible citizens.

#### 2. Principle of Micro Economics – 1&2 (Core)

Students are made aware about the decision making process at micro level (firm) and also get information about various competitions of the market.

#### 3. Financial accounting – 1&2 (Core)

Students get practical knowledge about writing the accounts for various firms.

#### 4. Business organization and management – 1&2 (Core)

Students get idea about man, money, material, motivation, delegation of authority and leadership skills etc.

#### 5. Company law – 1&2 (Core)

Students get idea about various laws, case study and sections of Companies Act 2013.

#### 6. Personal selling and salesmanship - 1& 2 (Core and Allied)

They get idea about various selling techniques and sales process.

#### 7. Business mathematics – 1&2 (Core and Allied)

Students get idea about various mathematical concepts use for business decision making.

#### 8. Entrepreneurship – 1 & 2 (Elective 1)

Students get aware about various Entrepreneur skills.

#### 9. Computer Application – 1& 2 (Elective 1)

To aware students with current technology .

10. Accounting – 1&2 (Elective 2)

Students get aware about different accounting methods for different business.

11. Banking and Finance – 1&2 (Elective 2)

Students get aware about the banking and its various reforms.

12. Computer Science – 1&2 (Elective 2)

To impart information technology related skills to the students. Develop programming skills and logic.

Semester 3 &4

1. English Language – 3&4 (Foundation)

The course further improves vocabulary and grammatical knowledge of the students and deals with various kinds of letters for correspondence. The presentations and assignment also further develops communicative skills of the students.

2. Principles of Macro Economics – 1&2 (Core)

Students get aware about international as well as national economic principles along with banking and other monetary transactions.

3. Cost Accounting- 1&2 (Core)

Students get ideas about basic concept of various types of cost in theory and practical.

4. Corporate Accounting – 1&2 (Core)

Students get aware about various accounting standards, procedure of amalgamation absorption and reconstruction, underwriting commission, liquidation, Final accounts etc.

5. Income tax law and practices – 1&2 (Core)

Students get aware about various types of income like salary, house rent property, business income, income other than business, farm income, capital gain or loss and various exemptions which are deductible of income tax, and GST etc.

6. Business Communication – 1&2 (Core)

The course deals with various kind of business letter writing and business language. It reveals intricacies and importance of Business communication.

7. Accounting – 3&4 (Elective)

Students get aware about different accounting methods for different business like valuation of goodwill, valuation of shares, statement of affairs, profit prior to and after incorporation, accounts related for insurance like fire, marine, goods and profit etc.

8. Computer Science – 3&4 (Elective)

To impart information technology related skills to the students. Develop programming skills of database management.

Semester – 5&6

1. English- 5&6 (Foundation)

Apart from further improvement in vocabulary and various commerce related articles and prose, the course contains questionnaire, letter writing, share market reporting and advertisement.

2. Indian Economy – 1&2 (Core)

Students get aware about various economic concepts like GDP, NNP, various industries of India, Indian planning system and various problems of Indian Economy etc.

3. Business mathematics and statistics – 1&2 (Core)

Students get basic ideas about various statistical methods like correlation, regression, time series, sampling, probability, probability distribution, association of attributes etc.

4. Auditing and Corporate Governance – 1&2 (DSE 1)

Students get basic ideas about the concept of auditing, internal audit and control, vouching, company's audit, corporate governance reforms, auditor's report and liabilities and ethics of corporate governance

5. Financial management -1&2 (DSE 2)

Students get basic ideas about financial management, sources of long term finance, internal financing, loan finances, and various financial institutions, working capital management. Inventory management, management of cash and receivables etc.

6. Management Accounting – 1&2 (DSE 3)

Students get aware about various management techniques like ratio analysis, flexible budget, cash budget, variances, cash flow statement and fund flow statement etc.

7. Accounting – 5&6 (Elective )

Students get aware about branch accounting, final accounts of electricity, EPS, alteration of share capital, accounting for investment, operating costing, process costing, single entry system etc.

8. Computer Science – 5&6 (Elective)

To develop programming skills, logic and the concept of GUI and Visual languages.

## **Department of Home Science (B.Sc.)**

### **Programme Outcome**

Most people think that Home Science is confined to mastering household activities, but the fact is that the field of home science has advanced considerably since its origin. Today, Home Science is a vibrant field of study that covers home economics as well as other aspects such as sociology, psychology, community living, nutrition, and textiles. A degree in Home Science opens up excellent career opportunities, while also equipping students with the skills needed to manage their home in a dynamic environment.

Home Science education deals with all aspects of home and family management. It is both an art and science. It's an 'art' because it helps you manage your resources in a skilful manner, and it's a 'science' because it helps you improve your family life by offering you knowledge in the field. To give you a simple example, when you present a dish in an aesthetic manner it becomes an art. When you ensure that the meal offers a balanced nutritive diet, it becomes a science.

Home Science education empowers you with the skills to improve every facet of home life – food, clothing, health, childcare, personal finance, religion, culture, arts, home beautification, etc. It enables you to take better care of your family, while helping you lead a more enriched life. It moulds you into a responsible person who can handle day to day challenges. It teaches you your rights and duties as a consumer. In this fast paced world, lifestyle and environmental factors are diluting personal relationships. Children are growing up in an ever-changing environment that can affect their psychology. Home Science equips you with the ability to tackle these difficult life situations. Home Science works at a basic level by improving your outlook towards others. It inculcates values that help you become responsible towards your family and the society.

### **Programme Specific Outcome**

Home Science covers food and nutrition, human development and family resource management. The students can enrol for an undergraduate degree in Home Science after passing out of Higher Secondary Education or its equal. As an undergraduate degree, it involves the study of subjects such as Physics Chemistry and Biology, hygiene, rural development, food, clothing, textiles, interior decoration, psychology, and sociology.

Once the students get the degree in Home Science, they can opt for Masters and Ph.D. They can choose from any of the five areas of specializations mentioned below:

Food and Nutrition: Science of food, clinical and community nutrition

Home Resource Management: Managing resources, interior decoration, and planning  
Science of Textiles: Science of fabrics, garment designing, and maintenance of fabrics  
Human Development: Psychology, child and elderly care, marriage and relationship guidance  
Communication and Education: Social science, media of communication, programme planning, and training

After a UG course in Home Science, one can also pursue a master's degree in the fields of Social Work, Mass Communication, and Development Studies. Those aspiring to join the teaching profession can follow up their graduation in Home Science with a bachelor's in education.

### **Job Prospects in Home Science**

For a young student, home science opens up a vast array of career choices. Depending on one's specialization, she will have the option of working as a dietician, food scientist, textile designer, interior designer, apparel designer, family counsellor, teacher, researcher and social worker. The hotel industry also has a high demand for the skills of a Home Science graduate in the areas of housekeeping and food catering.

Students with Masters in Home Science can take up teaching the subject in schools and colleges. They can also work with food brands as sales representatives, food analysts, and research assistants. In fact, many MNCs prefer Home Science candidates because of their sound knowledge in chemistry, nutrition, and other sciences. Home Science education equips you with the indispensable knowledge to become an entrepreneur. You can either start a school, set up your nutrition consultancy, or get into textile manufacturing.

### **Course Outcome**

In contemporary times, Home Scientists promote capacity building of individuals and communities for social and economic empowerment. They train community women and youth from various strata of society for entrepreneurs themselves. They do not remain job seekers but have also become job creators. They gain and provide employment in research organizations, food and textile industries, dietetic practice, education and child development domains, accreditation of green buildings, strategic planning and communication technologies.

Keeping in view the growing aspirations of today's youth and capacity of Home Science discipline to deliver, the 3-year choice based credit system has been drawn up. Years of national and international experience in the field has contributed to the wisdom that all the five windows of opportunity that Home Science offers be opened, i.e. Food and Nutrition, Human Development, communication and Extension and Fabric and Apparel Sciences. In this course, the students will learn the fundamental principles and foundations of all five areas. They are expected to internalize the principle of a Home Scientist, that is, to give back to the community from which they draw, for sustainable development. This is a major contribution of Home Science in both developed and developing societies.

The University Grants Commission's model 2001 curriculum of Home Science reflects a similar philosophy. The objectives of the present B.Sc. program Home Science course are:

- To understand and appreciate the role of interdisciplinary sciences in the development and Well-being of individuals, families and communities.
- To learn about the sciences and technologies that enhance quality the life of people.
- To acquire professional and entrepreneurial skills for economic empowerment of the student in particular, and community in general.
- To develop professional skills in food, nutrition, textiles, housing, product making Communication technologies and human development.
- To take science from the laboratory to the people.

The first and second semester of the course deals with...

#### **Environmental Science**

The subject offers study in an interdisciplinary academic field that integrates physical, biological and information sciences to the study of the environment, and the solution of environmental problems

#### **Fundamental of Food & Nutrition**

The subject offers study in Food Science and Nutrition. Diet therapy topics have been added in the curricula of this course. It incorporates topics like Introduction to the Study of Nutrition, Nutrients and Energy, Foods, Meal Planning and Management, Diet Therapy. Other useful information is given, regarding the food and dietary habits according to the age and height of males/females. It would fulfil the goal of promoting nutrition for a disease-free society.

#### **Communication & extension**

The broad purpose of the subject is to train students in extension techniques and communication technologies to enable them to transfer Home Science information and technologies to rural families in such a way that people understand and adopt new ideas and improved technologies for better family living.

#### **Clothing Construction**

Here students are made aware of basics of clothing construction. A costume or garment is constructed by cutting the fabric into parts according to a pattern which fits the human form; then the different parts are joined together by sewing. The broad purpose of the subject is to provide them practical exposure.

#### **Life Span Development**

Here students are made aware of Lifespan Development which refers to the full process of human development from conception to death. It is a holistic approach to understanding all of the physiological, cognitive, emotional, and social changes that people go through.

#### **Resource management**

Resource Management is one of the major fields in Home Science. The study of this subjects gives you the exposure to the field of management, about housing and interiors, architecture, entrepreneurship management etc. Resource Management helps us to realize the proper use of resources available to us in effective and efficient manner to obtain better quality of work. Resource Management is all about using available resources in cheaper and yet the best way without much effecting the quality and improved quantity of work. The field of Resource Management is the perfect combination of creativity along with science and art.

**Human Physiology**

The study of Human physiology, the science of the mechanical, physical, and biochemical functions of normal humans or human tissues or organs, enable the students to understand the basics of the mechanism.

**First & home nursing**

Here students are made aware of basics of emergency and primary medical treatment and care.

**Life Science**

Life science is one of the two major branches of natural science, the other being physical science, which is concerned with non-living matter. By definition, biology is the natural science that studies life and living organisms, with the other life sciences being its sub-disciplines.

**Extension for development**

Here students are made aware of

**Fashion studies**

Here students are made aware of basics of fashion its meaning and prepares them for vocational practice.

**House keeping**

It is one of the most significant part of Home Science wherein students are made aware of various ways to arrange, maintain and clean house.

**Basic of computer and its applications**

In modern times knowledge of computer is essential for any field and thus the students are made aware of basic knowledge in the field.

**Computer application in fashion Design**

Fashion designing in modern times has evolved a lot and most of the basic work is done through various available applications which are taught to the students.

**Social media and Digital Communication**

Here students are made aware of Social media and Digital Communication.

**Sem 3****Physical Science**

Here students are made aware of Physical Science

**Early Childhood care and education**

Here students are made aware of various development stages of children and their mental and physical growth as well as ways to treat them properly.

**Nutrition for the Family**

Here students are made aware of Nutrition values available in different ingredients and traditional as well as western food.

**Fundamentals of textile**

Here students are made aware of basic knowledge of textile industry.

**Catering Management**

Here students are trained to acquire efficient catering management skills.

**Information, Education and Communication Material for Development**

Here students are made aware of Information, Education and Communication Material for Development.

**Sem. 4**

**Microbiology**

Here students study microscopic organisms, such as bacteria, viruses, fungi and protozoa. This discipline includes fundamental research on the biochemistry, physiology, cell biology, ecology, evolution and clinical aspects of microorganisms, including the host response to these agents.

**Personal Finance and Consumer Studies**

While starting any business needs knowledge and skills of any field, without financial support it cannot be sustained or developed. Thus here students are made aware of the same.

**Communication Systems and Social Change**

Here students are made aware of how communication, especially in modern times has become so fast and effective and how it can cause social change.

**Food Preservation**

Here students are made aware of ways to effectively preserve various kind of food.

**Childhood in India**

Here students are made aware of the socio-cultural situation in India and how it relates to childhood.

**Textile Design**

Here students are made aware of basics of textile design and how to effectively do it.

**Sem. 5**

**Applied physiology**

Here students are made aware of Applied Physiology which is the study of biological systems and steps into practice. It involves the application of the knowledge of physiological properties to restore core stability and joint stability. It differs from clinical practice.

**Children with disability**

Here students learn how to physically and psychologically treat students with disability.

**Communication for development**

Here students are taught to use communication skills and tools to effectively serve their purpose.

**Entrepreneurship Development in Women**

Here students are made aware of basics of entrepreneurship and how as women they can develop as successful entrepreneurs.

**Community nutrition and nutritional health communication – 1**

Here students are made aware of ways the nutrition of community is related to their lifestyles and how it changes and in which way a positive change can be brought forward.

**Process in apparel design**

Here students are made aware of Process in apparel design

**Sem.6**

**Research and documentation**

Here students are trained to initiate research.

**Adolescent relation and well being**

Here students are made aware of Adolescent relation and well being.

**Indian traditional textile**

Here students are made aware of the development and changes in the Indian traditional textile

**NGO management**

NGO Management is meant for candidates who wish to take up social work as their career or join a non-government organization (NGO). It trains an aspirant for a career which includes working for upliftment of the under privileged and in areas like environment, health, education, social services and community development.

It includes sustainable development, strategic management and planning, operational planning, communication, leadership, fundraising and project management. It focuses on the organization's goals and objectives, its execution, supervision. The main objective of NGO Management is:

To provide managerial training and skills to NGO workers

To impart latest and most relevant skills set to a student for a career in this field

**Basic of design application**

Here students are made aware of Basic of design application.