



GOVERNMENT ARTS, COMMERCE & SCIENCE COLLEGE, KACHHAL  
અરકાચી વિનયન વાણિજ્ય અને વિજ્ઞાન કોલેજ, કાછલ  
AT: KACHHAL, PO: KACHELIYA, TA: MAHUVA, DIST: SURAT-394240  
(Permanent Affiliated to Year Normed, South Gujarat University, Surat)  
Approved by UGC (I and II) \* AISHE Code: C-705  
AAC ACCREDITED: GRADE-C



सत्यमेव जयते  
Government of Gujarat

75  
Azadi Ka  
Amrit Mahotsav

PRINCIPAL  
Dr. HETAL TANDEL  
Gujarat Education Service - Class - I  
+91 9824106770

Date: 03/08/2022

## **PROGRAMME OUTCOMES : ARTS**

- ❖ Our students are allowed to choose from any of the six subjects from the cluster of Gujarati, Hindi, Sanskrit Economics, History and Sociology. B.A. programme in our college meets the standards prescribed by general humanities education. Some learning outcomes include:
  - Cognitive skills: Students choosing combination of three subjects develop social, political, historic, economic and literary consciousness and will be better able to appreciate different civilizations, culture. In the three-year duration.
  - Employability: On graduating, the students will be eligible for employment in tourism, media, hospitality, and other industries. Students also become employable in non-governmental organizations. Their skills in comprehension of general social phenomena around them places them in ideal situation for such jobs. They will also be able to appear for competitive examinations conducted for public sector jobs. The general humanities education equips them to clear competitive exams.
  - Values: Humanities education is designed in such a way that it lays particular emphasis on human values. Students on completion of the undergraduate degree will be better able to appreciate the literary and cultural diversity.

## **COURSE OUTCOMES : (Subject Wise)**

### **Gujarati, Hindi, Sanskrit**

- The languages strive for outcomes such as developing intellectual, personal and professional abilities through effective communicative skills, insuring high standard of behavioural attitude through literary subjects and shaping the students as socially responsible citizens.
- By the completion of the programme, the students are motivated to define, classify and understand the methods of communication, to improve their LSRW skills, to enable them to practice those skills in their daily life.
- Their accuracy in both oral and written communication will improve as they will be strong in Grammar and its usage. They will have a better command of the language and its linguistic structures.
- They will be familiar with the textual genres including fiction, non-fiction, poetry, autobiography, biography, journal, plays, editorials etc.
- They will learn the literary, societal, cultural and historical background of the greatest writings penned by a variety of authors.
- They will become familiar with the literary texts of ancient and modern literature.



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### Economics, History, Sociology:

- Economics subject enables the learners to build up a professional carrier as economists, financial advisors, economics planners and policy makers.
- Analyse the various Economic Concepts and indicators of Development of and an Economy.
- Understand economic thinking on basic economics concepts
- Students will be able to describe the History as a social science, meaning, subject matter, importance and limitations of s History. Ancient Indian History Knowledge Increse. Increse Knowlede in Historical Places.
- We study history because history doesn't stay behind us. Studying history helps us understand how events in the past made things the way they are today. With lessons from the past, we not only learn about ourselves and how we came to be, but also develop the ability to avoid mistakes and create better paths for our societies.
- all the events, persons and date are most important. because history is a book of events that happened in ancient periods. also by whom that was happen and when was it happen. so all these are important for a history.
- Students will be able to determine the emergence of sociology, enlightenment, French revolution and industrial revolution and its role in the development of sociology.
- Students will be able to evaluate the sociology with relation with other social. Science. Students will be able to describe the Scientific study of Sociological Terminology and also development of sociology in western society and Gujarat in India.
- Develop an ability to suggest solutions for various economic, Historical And Social problems.
- Prepare for the Competitive Examinations as GPSC, UPSC.

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## PROGRAMME OUTCOMES: COMMERCE

- This program could provide Industries, Banking Sectors, Insurance Companies, Financing companies, Transport Agencies, Warehousing etc., well trained professionals to meet the requirements.
- After completing graduation, students can get skills regarding various aspects like Marketing Manager, Selling Manager, over all Administration abilities of the Company.
- Capability of the students to make decisions at personal & professional level will increase after completion of this course.
- Students can independently start up their own Business.
- Students can get thorough knowledge of finance and commerce.
- The knowledge of different specializations in Accounting, costing, banking and finance with the practical exposure helps the students to stand in organization.

## COURSE OUTCOMES : (Subject Wise)

### Financial Accounting:

- To enable the students to learn principles and concepts of Accountancy.
- Students are enabled with the Knowledge in the practical applications of accounting.
- To enable the students to learn the basic concepts of Partnership Accounting, and allied aspects of accounting.
- The student will get thorough knowledge on the accounting practice prevailing in partnership firms and other allied aspects.
- To find out the technical expertise in maintaining the books of accounts.
- To encourage the students about maintaining the books of accounts for further reference.

### Business Statistics

- To use and understand useful functions in business.
- To understand the different concept of population and sample and to make students familiar with Calculation of various types of averages and variation.
- To learn the applications of matrices in business
- To use regression analysis to estimate the relationship between two variables and to use frequency distribution to make decision.
- To understand the techniques and concept of different types of Hypotheses Testing.



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### Commerce and Banking

- To familiar the students with the fundamentals of banking and thorough knowledge of banking operations.
- To build up the capability of students for knowing banking concepts and operations.
- To make the students aware of banking business and practices.
- To make understandable to the students regarding the new concepts introduced in the banking system.

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## PROGRAMME OUTCOMES : SCIENCE

- Clearly outline the methodologies in science and elucidate why current scientific knowledge is subject to contestation and testability through future inquiry.
- Employ suitable methods of research, investigation, and design to address issues in science, mathematics, and technology, encompassing the planning and execution of significant projects or investigations.
- Articulate the interconnections among diverse science communities, emphasizing the global scale of science, mathematics, technology, and engineering knowledge and methodologies. Recognize the contributions to their development made by individuals with diverse perspectives, cultures, and backgrounds.
- Foster students' proficiency in reading literary, rhetorical, research, and cultural criticism, enabling them to develop ideas within their specialization. Encourage the expression of their informed opinions, small projects, practical applications, and research papers, while facilitating an understanding of how their approach compares to a variety of critical and theoretical perspectives.
- The students can get the knowledge, skills and attitudes during the end of the B.Sc. degree course.

## COURSE OUTCOMES : (Subject Wise)

### Physics:

- To enable the students to learn basic principles and concepts of Physics.
- To understand the basic concept of mechanics, electrodynamics, quantum mechanics, optics etc.
- To understand the concepts of energy, work, power, the concepts of conservation of energy, elasticity, surface tension and viscosity.
- To understand optical phenomena such as polarization, birefringence, interference and diffraction in terms of the wave model and to analyse simple examples of interference and diffraction phenomena.

### Chemistry:

- Physical chemistry: Review of conventional processes, recent advance techniques. Surface properties, ionic properties and other special characteristics of substances.
- Inorganic chemistry: Introduction to molecular symmetry, co-ordination of compounds and Bio-inorganic chemistry.
- Organic chemistry: Introduction to fundamental concepts and principles of process synthesis. Proficiency in Synthetic skill, Characterization by various analytical techniques, Micro- techniques and in-depth knowledge in subject is evaluated by allotting synthetic scheme.



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### Mathematics:

- Develop a structured comprehension of fundamental mathematical concepts, principles, and theories, exploring their practical applications.
- Assess hypotheses, theories, methods, and evidence within their appropriate contexts.
- Resolve intricate problems through a critical understanding, analysis, and synthesis of information.
- Display involvement with current research and advancements in the field.
- Critically interpret data, compose reports, and apply the fundamental principles of evidence.
- Choose, interpret, and critically assess information from various sources, including books, scientific reports, journals, case studies, and the internet.
- Cultivate expertise in analyzing complex mathematical problems and employing mathematical or other suitable techniques for their resolution.

### Zoology:

- Examine the spectrum spanning from diversity to Molecular Biology.
- Establish a solid foundation for comprehending human anatomy, physiology, genetics, molecular biology, and entomology.
- Explore the practical applications of Zoology for the betterment of humanity.

### Botany:

- Comprehend the physiological processes in plants.
- Investigate biotechnological processes and the commercial utilization of diverse plant resources.
- Explore the variations in plant life across all levels of biological organization.

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