

Shree Jayendrapuri Arts and Science College, Bharuch

UNDERGRADUATE PROGRAMME OUTCOMES (PO)

On the completion of an Undergraduate Programme in Arts and Science from Shree Jayendrapuri Arts and Science College, Bharuch, a learner would have obtained the following:

PO	Name of the PO	Description of the PO
1	Critical Thinking	Ability to take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives
2	Effective Communication	Ability to speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology
3	Effective Citizenship	Ability to demonstrate empathetic social concern and equity-centered national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering
4	Environment and Sustainability	Ability to understand the issues of environmental contexts and sustainable development
5	Ethical Living	Ability to recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them

Bachelor of Arts - Economics

Programme Outcome (PO):

PO-1 Students learn the perfect combination of numbers and words, problems and essays, calculations and interpretations. It is both an art and a social science subject.

PO-2 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.

PO-3 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

PO-4 The programme enables students to get a job in various fields and government and nongovernment sectors. They can be entrepreneurs as well.

Programme Specific Outcome (PSO)

PSO-1 Help us answer many big questions such as why some countries are rich while others are poor;

PSO-2 why men earn more than women; how data can help us make sense of world;

PSO-3 what causes recessions; including dealing with shortage of raw materials;

PSO-4 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.

PSO-4 The students are provided with practical training through teaching and study circle activities as well.

PSO-5 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.

PSO-6 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.

Bachelor of Arts - English

Programme Outcome (PO)

PO-1 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.

PO-2 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.

PO-3 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 behavioral attitude through literary subjects. Moreover

PO-4 it also shapes the students as socially responsible citizens.

Programme Specific Outcome (PSO)

PSO-1 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

PSO-2 It also provides adequate information on colonization and postwar consequences through the literary, societal, cultural, biographical and historical background of the greatest writings in Commonwealth literature.

PSO-3 It peeps into the history of English Language and varied components of linguistic structures of the language.

PSO-4 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.

PSO-5 They can apply critical frameworks to analyze the linguistic, cultural and historical background of texts written in English.

PSO-6 They will be familiar with the conventions of diverse textual genres including fiction, non-fiction, poetry, autobiography, biography, Journal, film, plays and so on.

Bachelor of Arts - Gujarati

Programme Outcome (PO)

PO-1 The Programme has the purpose to revive the classical language, its dialects and the values and culture incorporated in the language.

PO-2 It enables the students to develop literary viewpoint and understanding.

PO-3 The students develop aesthetics and art related point of view.

PO-4 It also enables students to conduct research and comparative study and indulge in creative writing to further contribute to the language and literature.

PO-5 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 (PSO)

PSO-1 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.

PSO-2 The learners can become translators and teachers.

PSO-3 It enables students to acquire a sound comprehension of literary, societal, cultural, biographical and historical background of the greatest writings in Gujarati in India.

PSO-4 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.

PSO-5 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.

PSO-6 They will be familiar with the conventions of diverse textual genres including fiction, non-fiction, poetry, autobiography, biography, dramas and so on.

Bachelor of Arts - Hindi

Programme Outcome (PO)

PO-1 The students, who learns the language well, can work anywhere in India.

PO-2 The multilingual context in India makes learning the language extremely important.

PO-3 Be it government or private sector knowledge of Hindi creates great vocational advantages.

PO-4 It provides in depth knowledge of grammar and vocabulary.

PO-5 It also offers practice in translation from Hindi to Gujarati and Gujarati to Hindi, the students can become Translators in many Central Government Offices.

PO-6 Through studying Poetry and other forms of literary work, they can become creative writers, poets and authors.

PO-7 Criticism is an important aspect of the course through which students can become critics or opt to become journalists or columnist.

PO-8 By studying dramas and one act plays, they can become good actors.

PO-9 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 (PSO)

PSO-1 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.

PSO-2 It also provides adequate information on our history, freedom struggle, and colonization through the literary, societal, cultural, biographical and historical background of the greatest writings in Hindi.

PSO-3 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.

PSO-4 They will be familiar with the conventions of diverse textual genres including fiction, non-fiction, poetry, autobiography, biography, dramas and so on.

Bachelor of Arts - Psychology

Programme Outcomes (PO)

PO-1 use the scientific method as a primary basis for engaging in critical thinking

PO-2 Review empirical studies of psychology, analyze, and synthesize their research findings and draw appropriate inferences

PO-3 articulate controversial and ethical issues in psychology

PO-4 identify plausible psychosocial and biological principles that influence behavior and cognition, given a particular context or situation

PO-5 articulate the developmental changes resulting from hereditary and environmental factors

PO-6 Compare and contrast theoretical perspectives within psychology

Program Specific Outcomes (PSO)

PSO-1. Enhancement of stress management skills.

PSO-2. Enhancement of coping skill with different problems in life.

PSO-3. Enabling to measure attitude, aptitude, interest, adjustment, skills etc. within the people.

PSO-4. Introduction to counseling process and techniques.

PSO-5. Illustration of mental disorder and treatment

Bachelor of Arts - Sanskrit

Programme Outcome (PO)

PO-1 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 specialize in a subject area of their choice.

PO-2 To produce more people with mastery over not only the language but also the rich literature and tradition that it represents.

PO-3 The programme 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 (PSO)

PSO-1 The Programme creates various job opportunities in India and abroad as the classical language taught across the world.

PSO-2 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.

PSO-3 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.

PSO-4 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.

Bachelor of Science - Chemistry

Programme Outcomes (PO)

PO-1. Demonstrate, solve and an understanding of major concepts in all disciplines of chemistry.

PO-2. Solve the problem and also think methodically, independently and draw a logical conclusion.

PO-3. Employ critical thinking and the scientific knowledge to design, carry out, record and analyze the results of chemical reactions.

PO-4. Create an awareness of the impact of chemistry on the environment, society, and development outside the scientific community.

PO-5. Find out the green route for chemical reaction for sustainable development.

PO-6. To inculcate the scientific temperament in the students and outside the scientific community.

PO-7. Use modern techniques, decent equipments and Chemistry software

Programme Specific Outcomes (PSO)

PSO-1. Gain the knowledge of Chemistry through theory and practicals.

PSO-2. To explain nomenclature, stereochemistry, structures, reactivity, and mechanism of the chemical reactions.

PSO-3. Identify chemical formulae and solve numerical problems.

PSO-4. Use modern chemical tools, Models, Chem-draw, Charts and Equipments.

PSO-5. Know structure-activity relationship.

PSO-6. Understand good laboratory practices and safety.

PSO-7. Develop research-oriented skills.

PSO-8. Make aware and handle the sophisticated instruments/equipments.

Bachelor of Science - Electronics

Programme Outcomes (PO)

PO-1 Provide students with learning experiences that develop broad knowledge and understanding of key concepts of electronic science and equip students with advanced scientific/technological capabilities for analyzing and tackling the issues and problems in the field of electronics.

PO-2 Develop ability in students to apply knowledge and skills they have acquired to the solution of specific theoretical and applied problems in electronics.

PO-3 Develop abilities in students to design and develop innovative solutions for benefits of society, by diligence, leadership, team work and lifelong learning.

PO-4 Provide students with skills that enable them to get employment in industries or pursue higher studies or research assignments or turn as entrepreneurs.

Programme Specific Outcomes (PSO)

PSO-1 Ability to apply knowledge of logical computing relevant and appropriate to the domain.

PSO-2 Ability to design, implement and evaluate computer-based system, process, component.

PSO-3 Focus on statistical science and its application

PSO-4 Capability to design and conduct experiments, as well as analyze and interpret data

PSO-5 Examine the impact of engineering & electronic solutions in global and environmental contexts and utilize the knowledge for sustained development.

PSO-6 Ability to use and apply the techniques & skills in modern engineering practice

Bachelor of Science - Mathematics

Programme Outcomes (PO)

PO-1 The mathematics UG students after the completion of the course will gain a thorough knowledge in preparing competitive examinations conducted by GPSC/UPSC/BSRB

PO-2 The UG curriculum offers need based computer courses which enable the students to solve computer oriented numerical problems.

PO-3 Abstract courses and mathematical structures included in the UG program enable the students to prepare themselves for higher education leading to M.Sc./MCA degree courses.

Program Specific Outcomes (PSO)

PSO-1 Ability to calculate and reason to design complex and critical financial models for Bank and Insurance Companies.

PSO-2 Ability to understand both concrete and abstract problems.

PSO-3 Ability to make critical observations.

PSO-4 Ability to accurately organize, analyze and interpret data.

PSO-5 Develop the mathematical logic which is very useful for solving mathematical reasoning problems.

POSTGRADUATE PROGRAMME OUTCOMES (PO)

On the completion of a Postgraduate Programme in Arts and Science from Shree Jayendrapuri Arts and Science College, Bharuch, a learner would have obtained the following:

PO	Name of the PO	Description of the PO
1	Discipline	Attained profound expertise in Discipline
2	Multidisciplinary aptitude	Acquired ability to function in multidisciplinary domains
3	Research Intelligence	Attained ability to exercise Research Intelligence in investigations and Innovations
4	Professional Ethics	Acquired Ethical Principles and be committed to Professional Ethics
5	Self reliant	Incorporated self-directed and life-long learning
6	Global perspective	Obtained Ability to maneuver in diverse contexts with Global Perspective
7	Social Interaction	Ability to elicit views of others, mediate disagreements and help reach conclusions in group settings
8	Problem solving and Analytical skills	Ability to think rationally, analyze situations and solve problems adequately

Master of Arts – Gujarati

Program Outcomes (PO)

PO-1 Students are familiarized with the elements of literature, the essence of literature

PO-2 Cultivate in the students the ability to sense-assess-evaluate the literary works

PO-3 Pragmatic information of correspondence and viable written work through the investigation of Poetry.

PO-3 To gain knowledge of important terminology.

PO-4 Students come to understand the mainstream of Literary Criticism and its subject matter

Programme Specific Outcomes (PSO)

PSO-1 Creating a Gujarati scholastic community well versed in both traditional as well as modern outlook and temperament.

PSO-2 Become proficient users of Gujarati language.

PSO-3 Developing an understanding of contextual literature and its application

PSO-4 Understanding the different nuances of meaning, form and purpose.

Master of Arts – Hindi

Programme Outcomes (PO)

PO-1 To acquaint the students with the Hindi literature of the ancient, medieval and modern times.

PO-2 Providing the students with an all-round knowledge of the linguistic system of Hindi

PO-3 Enhancing the employability of the students through an acquaintance with the national language

PO-4 Making the students aware about the relevance of expanding the horizon of sensation and knowledge.

Programme Specific Outcomes (PSO)

PSO-1 Understanding the historical development of the Hindi language, geographical details, linguistic appearance and diversity.

PSO-2 To impart the students with the related knowledge and skills of the Hindi language

PSO-3 The study of Hindi literature is expedient in order to understand and test the composition in its entirety by acquiring taste of the composition with social and cultural environment.

PSO-4 To provide the students a complete study of Hindi in various fields to fulfil the diverse needs and responsibilities of life and society.

Master of Arts – Psychology

Programme Outcomes (PO)

PO-1 The main essence of psychology is individual differences and the factors like genetics and environment (including culture) that make individuals different.

PO-2 It also focuses on the behavior of individuals in different social settings.

PO-3 Various standardized tests and scales are developed in Psychology that can be used to measure psychological entities. Such tests can be used to measure intelligence, personality, attitude, aptitude, adjustment, self-concept and so on.

PO-4 To give the learners a sound base in psychology and human behavior through an in-depth investigation into a broad range of psychological techniques and skills as applied to diverse settings.

Programme Specific Outcomes (PSO)

PSO-1 Students would gain conceptual and theoretical knowledge of psychological principles and would be able to apply them in research and professional areas.

PSO-2 Students would understand the application of psychological principles in applied areas of Psychology and would be able to apply them in professional areas.

PSO-3 Students would gain competencies and professional skills for working and conducting research in the field of Clinical Psychology, Counselling and Health Psychology.

PSO-4 It inculcates in them a spirit of critical enquiry and develops their analytical and creative faculties.

Master of Arts – Sanskrit

Programme Outcomes (PO)

PO-1 The students would be able to understand the secrets of Sanskrit literature

PO-2 Provide adequate knowledge of Sanskrit language which enables students to understand Sanskrit environmental, national and global scenarios

PO-3 The program would provide the critical reasoning, understanding of Sanskrit literature and have the capacity for analysis of key features and concepts of various commentaries in the discipline.

PO-4 Gain competencies and professional skills for teaching and conducting research in various fields in Sanskrit Grammar, Classical Sanskrit Literature, Vedic Literature and ancient Indian philosophy.

PO-5 The students would be able to understand societies and multi-dimensional applications of Sanskrit language

PO-6 Understanding ancient scriptures written in Sanskrit, Pali & Prakrit.

PO-7 Inculcating in students social responsibility through Sanskrit literature, students become responsible citizens of the nation

Programme Specific Outcomes (PSO)

PSO-1 Creating a Sanskrit scholastic community well versed in both traditional as well as modern outlook and temperament.

PSO-2 Become proficient users of Sanskrit language.

PSO-3 Create awareness about interdisciplinary perspectives of Sanskrit language

PSO-4 Produce right knowledge about the utility of the Vedic ritualistic performances.

Master of Science – Chemistry

Programme Outcomes (PO)

PO-1 Augment the recent developments in the field of green and eco-friendly reactions, pharmaceutical, Bioinorganic Chemistry and relevant fields of research and development.

PO-2 Enhance the scientific temper among the students so as to develop a research culture and implementation of the policies to tackle the burning issues at global and local level.

PO-3 Apply the knowledge to develop the sustainable and eco-friendly technology in Industrial Chemistry.

PO-4 Helping students to learn to collaborate effectively on team-oriented projects in the field of Chemistry or other related fields.

Programme Specific Outcomes (PSO)

PSO-1 Demonstrate and apply the fundamental knowledge of the basic principles in various fields of Chemistry

PSO-2 Create awareness and sense of responsibilities towards environment and apply knowledge to solve the issues related to Environmental pollution.

PSO-3 Apply knowledge to build up small scale industry for developing endogenous product.

PSO-4 Apply various aspects of chemistry in natural products isolations, pharmaceuticals, dyes, textiles, polymers, petroleum products, forensic etc. and also to develop interdisciplinary approach of the subject.