

2.6.1. Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution.

Two academic programmes are run by the college.

1. UG Programme in B.A.
2. UG Programme in B.Sc.

The UG programme in Arts enhances the student ability in cultural aspects, Sense of Literature, History, Politics, Religious Devotion and ethical quality.

The UG programme in Science train the students in scientific skill both in theory and practice. It develops their aptitude for chemical and material science environment and biodiversity and mathematical analysis.

Besides the above criteria the college also entertain some of the extra-curricular programmes of multi directional cultural activities like singing, dancing, drama, NSS, NCC which bring the students closer to the society, at large.

A. Programme Outcomes:

Sri Sathya Sai College for Women offers undergraduate programmes in Honours and programme courses in Arts and Science. The different programmes offered are:

- B.A. (Honours) in English, Odia, Home Sc., Philosophy, Psychology, Sanskrit, Sociology
- B.Sc (CBZ & PCM)

Department of English

Student graduating with a Bachelor of Arts degree in English will have demonstrated an ability to:

- To impart ideas and concepts about communication strategies, psychological and sociological impact of media on society.
- Read, interpret and write about a diverse range of texts in English
- Understand those texts analytically and critically
- Understand those texts on the basis of careful close reading
- Understand those texts through past and current literary theory
- Understand that those text are culturally constructed in time, place and tradition
- Understand the concept of news agencies, impact of news paper in society, paid news.
- Participate in the critical and cultural discourses of English
- Participate appropriately through multiple spoken and written forms

- Analyze instances of the variety of literary forms closely in terms of style, figurative language and convention.

Department of Odia

- Understand the concept, need and scope of literature, history and their reciprocal relation.
- Understand the special varieties of literature of Odisha in nineteenth century.
- Understand the special contributions of the writers from the various fields of Odia Literature in the nineteenth century.
- Understand a comparative study of history of literature of different types of art-forms.
- Understand the concept, need and scope of the preliminary elements of Odia Literature.
- Understand the special features of the primitive creations of Odia Literature.
- Understand the comparative study of ancient, medieval and modern Odia poetry.
- Understand the special features of the prose and poetry and the writing styles of the writers.

Department of Home Science

- Develop professional skills in food, nutrition, textiles, housing and human development.
- Understand and appreciate the role of interdisciplinary sciences, the development and well-being of individuals, the families and communities.
- Acquire professional and entrepreneurial skills for economic empowerment of self in particular and community.
- Understand the science and technology that enhance the quality of life of people.
- Bringing science from laboratory to the people.

Department of Philosophy

- Understand and be able to discuss major philosophical problems in the Western Tradition.
- Assess arguments and philosophical perspectives using critical reasoning.
- Apply knowledge of philosophical perspectives, logic, and critical reasoning to develop her own opinions regarding philosophical problems and issues.
- Recognize and respond to the kind of questions or problems that are characteristic of epistemology. For example: What is knowledge? How do we know when we have it? What role does the notion of truth play in knowledge claims? What is skepticism and what is its impact on philosophy?
- Demonstrate understanding of major ethical theories and problems in the Western Tradition through written and oral discussion.

- Express complex thoughts logically and coherently.

Department of psychology

- The Bachelor's degree equips the students with knowledge in general Psychology, statistical methods for psychological research, biopsychology, Psychology of Individual Differences, Development of Psychological Thought, Psychological Research, Psychological Research, Social Psychology, Applied Social Psychology, understanding and dealing with psychological disorders, developmental psychology, organizational behavior and counselling psychology.
- There are practical topics in the syllabus to enable the students experience and understand how a social group is formed and what are the dynamics that work in a social group (Group Cohesiveness) and how individual performance is influenced in the presence of a social situation (Problem Solving).

Department of Sanskrit

- Offering learning opportunities to orient the students towards the scientific and humanistic study of the Sanskrit language.
- Creating a language environment for students to acquire the language skills assessed by their conversation and usage of the language.
- Help shaping cognitive, affective and behavioral abilities of students for building responsible academic professionals and researchers.
- knowing the application of ancient Indian wisdom in contemporary problem solving situations.
- Imparting knowledge of basic living and concepts from ancient literature which is timeless and still applicable to the society.
- Developing a strong sense of ethical and moral aptness in general and in the context of learning and its assessment in particular.

Department of Sociology

- The programme seeks to develop in students the sociological knowledge and skills that will enable them to think critically and imaginatively about society and social issues.
- The ability to demonstrate sociological understandings of phenomena, for example, how individual biographies are shaped by social structures, social institutions, cultural practices, and multiple axes of difference and inequality.
- The ability to formulate effective and convincing written and oral arguments.
- A sensible observation power is necessary to identify the research problems in field study. So a perception about human society slowly grows up.
- Students have to learn about institutions, folkways, mores, culture, social control, social inequality, population composition, population policy, society

and culture of India. All these helps to still among the students of Sociology a sense of ethical and social responsibility.

B.SC. in CBZ

- Analyze critically and evaluate constructively the concept of science and effectively bring out the knowledge derived from that, organize and apply that knowledge skillfully and ethically to provide constructive solutions to social, economic and environmental problems faced by the society globally.
- Apply scientific theories and concepts to critically debate, evaluate and create solutions to meet the needs of social, economic and environmental requirements of the society.

B.SC. in PCM

- Capability of demonstrating comprehensive knowledge of B.Sc. programme.
- Ability to employ critical thinking in understanding the concepts in every area of B.Sc. PCM programme.
- Ability to analyze the results and apply them in various problems.
- Develop a sense of research to predict cause-and-effect relationships.
- Capability to solve problems by using research-based knowledge and research methods.
- Create, select, and apply appropriate techniques, resources, and modern science and IT tools.
- Ability to work independently and do in-depth study of various notions of courses.
- Ability to communicate various concepts of B.Sc. programme effectively using examples and their geometrical visualizations.
- Self-motivating and inspiring team members to engage with the team objectives by using management skills.
- This programme will also help students to enhance their employability for jobs in different sectors.

PROGRAMME SPECIFIC OUTCOMES & COURSE OUTCOMES

DEPARTMENT OF ENGLISH:

PROGRAMME SPECIFIC OUTCOMES

- Educate students in both the artistry and utility of the English language through the study of literature and other contemporary forms of culture.
- Scope of employability and entrepreneurship in the field of Media and Journalism,
- Comprehend various forms of literature like prose, poetry, drama and fiction.
- Apprehend different cultures and cultural sensibilities around the world.

- Perspectives of literary movements that existed in different ages.
- Develop the knowledge of grammatical system of English language.
- Define literary theory and terms in criticism.
- Develop language skills in listening, speaking, reading, writing.

COURSE OUTCOMES

- Explain the prose in respective age.
- Analyse the equipped with the text.
- Identify the poetry literary way in a specific text.
- Describe the students with the outline of the prose through the respective age.
- To explain the issue or subalternity and regionality in the literary domain.
- Compare English Literature of one period with that of another.
- Analyze the stylistic use of language.
- Explain the introduction of literary terms.

DEPARTMENT OF ODIA

PROGRAMME SPECIFIC OUTCOMES

- Educate students in both the artistry and utility of the Odia language through the study of literature and other contemporary forms of culture.
- Develop the knowledge of grammatical system of Odia language.
- Define literary theory and terms in criticism.
- Perspectives of literary movements that existed in different ages.

COURSE OUTCOMES

- Identify the poetry literary way in a specific text.
- Describe the students with the outline of the prose through the respective age.
- Explain the introduction of literary terms.
- Compare Odia Literature of one period with that of another.

DEPARTMENT OF Home Science

PROGRAMME SPECIFIC OUTCOMES

- Understand the sciences and technologies that enhance the quality of life in day to day living.
- Acquire professional and entrepreneurial skills for economic empowerment of self in particular and of community in general.
- Develop professional skills in food, nutrition, textiles, housing, product making etc.
- Take science from the laboratory to the people.
- Competence in public speaking, writing and inter personal skills.
- Development of critical sensitivity towards community issues and process.
- Acquire basic management skills for organizing events, resource mobilization, leading community-based projects etc.

COURSE OUTCOMES

- Introduction to Textiles & clothing – classification, manufacture, identification, equipment, fabric selection, construction of clothing.
- Applied Sciences and Human Health – Physiology, elementary anatomy, concepts of health education, immunity, diseases, public health, Bacchanology, pollution and the environment.
- Family Resource Management – home management, human and non-human resources, family budget, wants, housing needs, interior decoration.
- Fundamentals of food & Nutrition – classification, function, diet, constituents, deficiency diseases, basic food groups, nutritional needs, food adulteration, food poisoning.
- Human Development – Mother craft & child care, child development, importance of play, juvenile delinquency, factors affecting child development, Reproduction, pregnancy, prenatal care & development, delivery types, problem children.

Department of Philosophy

PROGRAMME SPECIFIC OUTCOMES

- After completion of the three-year honours course in Philosophy students are expected to read the philosophical books written by various philosophers on various philosophical topics to get an overall idea of philosophy and also for widening the philosophical knowledge, to create enthusiasm and interest to do progress in research works and to write small articles on various philosophical topics. To develop the logical thinking capabilities, to inspire other students also to study philosophy.
- To decide and progress in the philosophical areas which interest them most and to pursue in that area, inquire, understand and to write research articles for the further progress of those areas.
- Identifying the inherent problems of philosophy and endeavour to reflect logically on them and providing a necessary solution to it.
- To understand the importance and significance of the historical development of each philosophical tradition and attain knowledge from them.

COURSE OUTCOMES

- From this unit the students will learn about What is philosophy, the definition, method and scope of philosophy., the relation between philosophy and science, philosophy and religion.
- From this unit the students will learn about the coherence theory of truth, correspondence theory of Truth and the Pragmatic theories of truth and their application in philosophical theory formation along with their critical analysis.
- Students will acquire the basic concepts on logic, sentences, judgements, statements, propositions and arguments.

- Value of symbols, truth functions, tautologous, contradictory and contingent statement forms. Testing Arguments form and Argument for validity by the method of truth table.
- the course outcome of philosophy is to learn the meaning of Indian Philosophy, the salient features of Indian Philosophy, distinction between the nastika (Heterodox) and the Astika (Orthodox) schools.

Department of psychology

PROGRAMME SPECIFIC OUTCOMES

- Students of Psychology to grow in sensitivity, sympathy and empathy towards others, learn to work in a team and develop leadership qualities, accept and respect individual differences and work with responsibility and commitment and also develop an understanding about inclusive education and its benefits through the Social Outreach Program.
- Students gather exhaustive knowledge in different areas pertaining to psychology like self love and social networking, different modes of psychotherapy through different seminars and workshops hosted by the department.
- It helps students of Psychology to get an understanding about the practical applications, implications and generalizations about the different aspects of the subject from books to real life situations.

COURSE OUTCOMES

- To introduce and initiate the student into the world of Psychology with a brief historical sketch of the science of psychology and a glimpse into the methods used in the study of human behaviour.
- To understand the fundamental processes underlying human behavior such as biological foundations of behaviour, processes underlying sensation, perception, cognition, memory, learning, motivation, emotion, individual differences, intelligence, personality and states of consciousness.
- To apply the principles of psychology in day-to-day life for a better understanding of themselves and others.

Department of Sanskrit

PROGRAMME SPECIFIC OUTCOMES

- Develop a strong concept of ancient Indian history, philosophy and literature.
- Enhance communication skills-Listening, Speaking, Reading, Writing.
- Students will demonstrate the skill needed to participate in conversation that builds knowledge with collaboration.
- . To make them eligible for higher education.

COURSE OUTCOMES

- Students will be able to know not only ancient literature and their classification but also modern Sanskrit literature.
- They should general introduction of Indian Petrology and definitions and examples of various artharlankara.
- They will be able to know the importance, propagation across the world of this language.
- The students will take the knowledge about of Indian philosophy, Philosophers and their thoughts. They could relate the philosophical theory in practical life.
- Students will be able to know ancient Indian history of literature and literary criticism.
- Through Gita they also develop their personality.

Department of SOCIOLOGY

PROGRAMME SPECIFIC OUTCOMES

- The programme seeks to develop in students the sociological knowledge and skills that will enable them to think critically and imaginatively about society and social issues.
- The ability to formulate effective and convincing written and oral arguments.
- Students will have the opportunity to join professional careers in Sociology and allied fields. Sociology provides an intellectual background for students considering careers in business, social services, public policy, government service, nongovernmental organizations, foundations, or academia.

COURSE OUTCOMES

- Define Sociology and demonstrate nature, scope and subject-matter of Sociology.
- Explain social change and the factors affecting social change. Realize the importance of cultural lag to understand social change.
- Understand and analyze social, economic and political aspects of rural society.
- Understand the changes that are taking place in rural society with reference to agrarian reforms and rural development programmes.
- Explore the roots of Indian civilization.
- Know economy, polity and society of ancient, medieval and modern India.
- Define urban sociology and demonstrate the nature and scope of urban sociology.

B.SC. in PCM

PROGRAMME SPECIFIC OUTCOMES

- Acquire a systematic understanding of the different areas of study in physics, mathematics and chemistry.
- Use existing knowledge to synthesise new ideas and approaches to unfamiliar situations.
- Develop ability to logically analyse data and solve problems systematically and objectively analyse open ended problems.
- Develop skills necessary to plan, design and conduct experiments to test, demonstrate, verify and extend theoretical knowledge reliably and safely.
- Understand the interrelations between the different subjects and develop the ability to identify the links.

COURSE OUTCOMES

- Students are expected to acquire core knowledge in physics, including the major fields of classical mechanics, quantum mechanics, electromagnetic theory, electronics, optics, special theory of relativity and modern physics.
- Find the higher order derivative of the product of two functions and maxima, minima, concavity, convexity & point of inflection.
- Explain the definitions of limit, continuity, differentiability as related to functions. • Understand the mean value theorems.

B.SC. in CBZ

PROGRAMME SPECIFIC OUTCOMES

- Comprehending fundamental concepts in modern biology to meet the emerging trends.
- Handling microbial and biochemical systems.
- Procuring hands on real time experience in industries.

COURSE OUTCOMES

- Apply appropriate techniques of analytical chemistry, conduct experiments, analyze data and interpret results with an understanding of the limitations.
- To know about the microbial diversity and to understand the fundamental functioning of primitive cells.
- To become familiar with the invertebrate phyla and their diversity.