Bachelor of Arts (B.A.)

1) English

Program Outcomes (POs):

Develop critical thinking and analytical skills in literature.

Build communication and writing skills in English.

Understand research methods in literature and language.

Enhance cultural, social, and ethical awareness through English studies.

Foster creative expression and a global perspective.

Course Outcomes (COs):

Gain knowledge of English grammar, phonetics, and pronunciation.

Develop an understanding of literary terms and criticism.

Learn project-based research through English literary history.

Improve reading comprehension and analytical writing.

Study different genres, including poetry, prose, and drama.

2) Marathi

Program Outcomes (POs):

Develop human values and social awareness through literature.

Enhance skills in communication, writing, and research.

Build ethical, historical, and cultural understanding.

Cultivate creative and critical literary abilities.

Promote appreciation of regional linguistic heritage.

Course Outcomes (COs):

Study of various forms of Marathi literature including poetry, drama, and fiction.

Develop socio-cultural sensitivity through audio-visual and literary texts.

Gain research skills and explore social, historical, and linguistic aspects.

Understand the evolution of Marathi language and literature.

Enhance creative writing and critical thinking in Marathi.

3) Hindi

Program Outcomes (POs):

Build literary and linguistic skills in Hindi.

Develop humanistic and ethical values through Hindi literature.

Improve writing and communication skills.

Cultivate socio-cultural awareness through Hindi literary studies.

Foster critical and creative abilities in the Hindi language.

Course Outcomes (COs):

Study various genres of Hindi literature.

Enhance critical thinking and creative expression.

Develop ethical and social awareness.

Gain knowledge of Hindi grammar and linguistics.

Improve analytical skills through literary criticism and appreciation.

4) Political Science

Program Outcomes (POs):

Understand political theories and governance systems.

Develop civic responsibility and democratic values.

Analyze national and international political structures.

Cultivate leadership and administrative capabilities.

Foster analytical reasoning in political processes and ideologies.

Course Outcomes (COs):

Study Indian Constitution, political ideologies, and public administration.

Understand international relations and comparative politics.

Analyze public policies and their implementation.

Gain insight into global governance and diplomacy.

Study political behavior and electoral processes.

5) Sociology

Program Outcomes (POs):

Develop awareness of social structures and cultural diversity.

Analyze social problems and movements.

Promote community engagement and social responsibility.

Understand sociological theories and research methodologies.

Build a critical perspective on contemporary social issues.

Course Outcomes (COs):

Understand social institutions and processes.

Study Indian society, social change, and contemporary issues.

Learn about social stratification and inequality.

Analyze rural and urban social dynamics.

Study social research methods and data analysis.

6) History

Program Outcomes (POs):

Gain knowledge of ancient, medieval, and modern history.

Develop historical reasoning and analysis.

Foster awareness of cultural heritage and global historical contexts.

Cultivate research and archival study skills.

Understand the importance of history in contemporary society.

Course Outcomes (COs):

Study Indian and world history with thematic and chronological approaches.

Analyze historical sources and socio-political developments.

Learn about key historical figures and movements.

Study historiography and the evolution of historical writing.

Develop skills in critical interpretation of historical events.

7) Public Administration

Program Outcomes (POs):

Understand administrative structures and processes.

Develop management and leadership skills in governance.

Gain knowledge of public policy and administrative ethics.

Foster decision-making abilities in public administration.

Cultivate awareness of governance reforms and digital governance.

Course Outcomes (COs):

Study public policy, financial administration, and personnel management.

Analyze the role of bureaucracy in democracy.

Understand e-governance and administrative accountability.

Learn disaster management and public service delivery systems.

Study administrative reforms and public sector governance.

8) Economics

Program Outcomes (POs):

Develop economic reasoning and analytical skills.

Understand micro and macroeconomic theories.

Analyze economic policies and their societal impacts.

Gain knowledge of international trade and finance.

Foster research and quantitative analysis in economics.

Course Outcomes (COs):

Study economic development, planning, and public finance.

Analyze global economic trends and policies.

Learn statistical tools and economic modeling.

Study labor economics, environmental economics, and international trade.

Understand economic reforms and policy frameworks in India.

Bachelor of Science (B.Sc.)

1) Botany

Program Outcomes (POs):

Develop knowledge of plant diversity, physiology, and ecology.

Apply plant science to environmental and economic contexts.

Foster practical skills in plant breeding and biotechnology.

Understand plant genetics and cellular biology.

Promote sustainable practices in agriculture and conservation.

Course Outcomes (COs):

Study plant morphology, taxonomy, and physiology.

Gain practical skills in plant identification and tissue culture.

Learn ecological plant interactions and environmental adaptations.

Study plant biotechnology and genetic engineering.

Understand plant pathology and disease management.

2) Chemistry

Program Outcomes (POs):

Understand basic and applied chemical principles.

Develop laboratory skills and problem-solving abilities.

Gain knowledge of environmental and industrial chemistry.

Apply chemistry concepts to real-world problems.

Develop awareness of chemical safety and ethical practices.

Course Outcomes (COs):

Study physical, organic, and inorganic chemistry.

Learn compound analysis, instrumentation, and chemical reactions.

Gain skills in chemical synthesis and separation techniques.

Study environmental chemistry and green chemistry practices.

Learn about polymer chemistry and medicinal chemistry.

3) Zoology

Program Outcomes (POs):

Understand animal diversity, physiology, and ecology.

Develop skills in biological research and environmental conservation.

Gain knowledge of animal genetics and reproductive biology.

Foster practical skills in wildlife and ecosystem management.

Apply zoological principles to sustainable development.

Course Outcomes (COs):

Study animal classification, anatomy, and physiology.

Learn ecological interactions and human-animal relationships.

Study developmental biology and genetics.

Gain practical knowledge of wildlife conservation and management.

Understand environmental toxicology and animal behavior.

4) Physics

Program Outcomes (POs):

Develop analytical skills in classical and modern physics.

Apply mathematical models to physical phenomena.

Gain practical skills in experimental and computational physics.

Understand applications of physics in technology and industry.

Develop critical thinking and problem-solving abilities.

Course Outcomes (COs):

Study mechanics, thermodynamics, and quantum physics.

Gain practical skills in laboratory experiments and instrumentation.

Learn optics, electromagnetism, and electronics.

Study statistical mechanics and solid-state physics.

Understand computational physics and mathematical modeling.

5) Microbiology

Program Outcomes (POs):

Understand microbial structure, growth, and applications.

Develop skills in disease control, fermentation, and biotechnology.

Gain knowledge of industrial, agricultural, and medical microbiology.

Apply microbiology in food, pharmaceutical, and environmental sectors.

Develop ethical awareness and biosafety practices in microbiology.

Course Outcomes (COs):

Study microbiological techniques, immunology, and genetics.

Gain practical knowledge in industrial microbiology and recombinant technology.

Learn microbial biochemistry and metabolic processes.

Study virology, mycology, and parasitology.

Understand public health microbiology and environmental microbiology.

6) Mathematics

Program Outcomes (POs):

Develop advanced problem-solving and analytical skills.

Apply mathematical concepts to real-world problems.

Gain knowledge in pure and applied mathematics.

Foster computational proficiency and data analysis skills.

Develop logical reasoning and mathematical communication abilities.

Course Outcomes (COs):

Study calculus, algebra, and differential equations.

Learn numerical methods, mechanics, and real analysis.

Gain skills in statistics, linear programming, and probability.

Study abstract algebra, complex analysis, and discrete mathematics.

Apply mathematical software and programming in problem-solving.