PROGRAM OUTCOMES (PO) FOR B.A.

Upon completion of the **B.A. program**, graduates of BSAM will be able to:

1. **Critical Thinking & Analytical Skills**
    - Develop logical reasoning, problem-solving abilities, and critical thinking to analyze historical events, economic trends, social structures, and philosophical ideas.
2. **Effective Communication**
    - Attain proficiency in oral and written communication in various languages (Hindi, Bengali, English, Urdu, Sanskrit).
3. **Interdisciplinary Knowledge**
    - Gain broad-based knowledge across literature, history, philosophy, economics, sociology, and geography, encouraging intellectual curiosity.
4. **Social & Cultural Awareness**
    - Understand India's cultural diversity, historical evolution, and contemporary social issues.
5. **Ethical and Moral Values**
    - Develop ethical consciousness and a sense of social justice.
6. **Research & Lifelong Learning**
    - Build research aptitude and independent learning skills.
7. **Environmental & Social Responsibility**
    - Recognize environmental issues and advocate for sustainable development.

B.A - COURSE OUTCOMES (CO)

Hindi

- Analyze the evolution of Hindi literature from ancient to modern times.
- Develop creative writing and linguistic proficiency.
- Understand the cultural and philosophical themes in Hindi prose and poetry.

Bengali

- Study Bengali literary movements and key literary figures.
- Improve language skills in speaking and writing.
- Examine the impact of literature on Bengali society and culture.

English

- Develop literary analysis and critical thinking skills.
- Study major works in British, American, and Indian English literature.
- Improve language fluency, grammar, and communication skills.

Urdu

- Explore Urdu poetry (Ghazal, Nazm) and classical prose.
- Understand the role of Urdu literature in socio-political contexts.
- Develop writing skills in Urdu journalism and translation.

Sanskrit

- Study Sanskrit grammar, phonetics, and classical literature.
- Explore ancient Indian philosophy and religious texts.
- Analyze Sanskrit drama and poetry in historical contexts.

Philosophy

- Understand Indian and Western philosophical thought.
- Analyze ethical, metaphysical, and epistemological theories.
- Develop logical reasoning and critical thinking skills.

Sociology

- Study social structures, caste, class, and gender roles.
- Understand globalization and contemporary social movements.

- Develop research skills in analyzing social problems.

Economics

- Understand economic theories and policies.
- Analyze market structures, inflation, and international trade.
- Study statistical methods for economic research.

Rural Economics

- Study rural development policies and economic challenges.
- Analyze agricultural economics and rural employment schemes.
- Understand financial institutions supporting rural areas.

Statistics

- Learn statistical tools for data collection and analysis.
- Apply statistical methods in economics, sociology, and psychology.
- Understand probability theory and research methodology.

Geography

- Study physical, human, and regional geography.
- Develop GIS mapping and data interpretation skills.
- Analyze climate change and environmental sustainability.

History

- Explore Indian and world history from ancient to modern times.
- Understand historical events' impact on contemporary society.
- Develop research and archival skills in history.

Ancient History

- Study early civilizations and archaeological discoveries.
- Understand Vedic, Mauryan, and Gupta period contributions.
- Analyze the cultural evolution of ancient societies.

Home Science

- Learn nutrition, food science, and child development.
- Develop home management and textile science skills.
- Study the role of women in family and society.

Political Science

- Understand political theories, governance, and constitutions.
- Analyze public administration and international relations.
- Study political ideologies and contemporary political issues.

Psychology

- Understand human behavior, cognition, and emotions.
- Study psychological theories on personality and mental health.
- Develop research skills in behavioral analysis.

Labour and Social Welfare (LSW)

- Study labor laws, social security, and welfare policies.
- Understand industrial relations and employment policies.
- Analyze labor movements and trade unions.

PROGRAM OUTCOMES (PO) FOR B.SC.

Upon completion of the **B.Sc. program**, graduates of BSAM will be able to:

1. **Scientific Knowledge & Application**
    - Develop a strong foundation in core scientific principles and their real-world applications.
2. **Analytical & Critical Thinking**
    - Apply scientific reasoning and problem-solving skills to analyze and interpret data.
3. **Research & Innovation**
    - Conduct independent and collaborative research using modern scientific methodologies.
4. **Practical & Laboratory Skills**
    - Gain hands-on experience in laboratories and develop technical expertise in handling scientific equipment.
5. **Environmental & Social Awareness**
    - Understand the role of science in addressing environmental and societal challenges.
6. **Computational & Technological Skills**
    - Use statistical, computational, and digital tools for data analysis and scientific modeling.
7. **Ethical & Professional Responsibility**
    - Develop ethical consciousness and responsibility in scientific research and practices.
8. **Effective Communication & Teamwork**
    - Communicate scientific ideas effectively and work collaboratively in multidisciplinary teams.
9. **Lifelong Learning & Career Readiness**
    - Enhance skills for higher studies, research, and career opportunities in science and technology.

COURSE OUTCOMES (CO) FOR DIFFERENT B.SC. SUBJECTS

Physics

- Understand fundamental concepts in classical mechanics, electromagnetism, and quantum physics.
- Develop problem-solving skills in theoretical and experimental physics.
- Apply physics principles in technological advancements and interdisciplinary sciences.

Chemistry

- Gain knowledge of organic, inorganic, and physical chemistry.
- Develop laboratory skills in qualitative and quantitative analysis.
- Understand the role of chemistry in industrial and pharmaceutical applications.

Mathematics

- Understand abstract mathematical theories and their real-world applications.
- Develop problem-solving and logical reasoning abilities.
- Apply mathematical modeling in science, economics, and engineering fields.

Botany

- Study plant diversity, physiology, and genetics.
- Understand the ecological role of plants in environmental sustainability.
- Develop laboratory and field-based research skills in plant science.

Zoology

- Understand animal diversity, physiology, and evolution.
- Study genetics, microbiology, and human biology.
- Develop skills in ecological conservation and biological research.

Environmental Science

- Study environmental issues, sustainability, and ecological conservation.
- Develop skills in pollution control, waste management, and climate change analysis.
- Conduct research on biodiversity conservation and environmental policies.
