



INTERNAL QUALITY ASSURANCE CELL

FURKATING COLLEGE (AUTONOMOUS)

NAAC re-accredited with A⁺ Grade (4th Cycle)

P.O. FURKATING, District: Golaghat, Assam, India, Pin: 785610

**PROGRAMME OUTCOME OF FOUR-YEAR UNDERGRADUATE
PROGRAMME (FYUGP)**

DEPARTMENT OF ASSAMESE

Student will able to know about:

PO1- The Assamese language, literature and culture.

PO2- The heritage and development of literature through a systematic study of the history of Assamese language and literature. Therefore, it is important to ensure that the students are responsible for the enrichment of the Assamese language and literature.

PO3- The linguistic status, linguistic diversity and linguistic exchange of the languages of Assam through the study of other languages spoken in Assam.

PO4- Basic understanding of various types of Eastern and Western literature and their criticism.

PO5- Able to aware the diversity and integrity of Indian literature through the study of Indian literature.

PO6- Technological development of Assamese language by integrating Assamese language with modern information technology.

PO7- Involvement in vocational practical training.

DEPARTMENT OF BODO

- PO1- Development of spoken and written communication skills.
- PO2- Acquisition of literary and linguistic knowledge for careers in social work, mass media, regional language, professional writing, and translation.
- PO3- Enhancement of critical and analytical thinking for problem-solving.
- PO4- Knowledge of tribal language and literature of North-East India and comparative Indian literature.
- PO5- Understanding of moral and ethical values.
- PO6- Understanding of interdisciplinary knowledge and basic computer skills.
- PO7- Application of research methods and scientific skills in literary, linguistic, and cultural studies.

DEPARTMENT OF ECONOMICS

- PO1-Critical Thinking: Graduates will be able to critically analyze economic theories and models, apply Logical reasoning, and understand their implications in real-world contexts.
- PO2-Problem Solving: Graduates will acquire enhanced problem-solving skills by applying economic Principles and quantitative techniques to address economic issues and policy challenges.
- PO3-Effective Communication: Graduates will be able to communicate economic concepts, theories, and findings clearly and effectively.
- PO4-Research and Analytical Skills: Graduates will be able to formulate research proposals, specifically to craft relevant research questions and hypotheses; present findings, theories, methods, and Proofs utilizing knowledge from multiple branches of Economics and associated fields.
- PO5-Technological Proficiency: Graduates will be proficient in using modern technological tools and Software for economic analysis, data management, and presentation.
- PO6-Ethical Awareness: Graduates will be able to apply ethical principles in economic decision-making, recognizing the societal and environmental impacts of economic activities.

PO7-Global Perspective: Graduates will develop a global outlook on economic issues, understanding the Interconnectedness of economies and the implications of global economic policies and events.

PO8-Lifelong Learning: Graduates will foster a commitment to continuous learning and staying updated with the latest developments in the field of economics.

PO9-Interdisciplinary Knowledge: Graduates will be able to integrate knowledge from various Disciplines such as statistics, mathematics, political science, sociology, history etc. to provide a Comprehensive understanding of economic phenomena.

PO10-Leadership and Teamwork: Graduates will cultivate leadership qualities and the ability to work Collaboratively in diverse teams to address complex economic problems.

DEPARTMENT OF EDUCATION

PO1. Demonstrate familiarity with the major concepts, theoretical perspectives and latest trends in the field of education.

PO2. Use scientific approach to address issues related to problems of learning.

PO3. Apply psychological principles to meet various issues and challenges in the field of education.

PO4. Apply knowledge, skills and theories of education to solve educational problems both in familiar and Non-familiar contexts and apply the learning to real life situations.

PO5. Demonstrate professional competencies that are required to develop, select and use informal and Formal, diagnostic, continuous and comprehensive evaluation to estimate pupils' achievement and provide Timely, effective and appropriate feedback to students about their achievement along the line of their Predetermined learning goals and participate effectively in the construction procedure of evaluation tools.

PO6. Demonstrate teaching competencies required for keeping oneself professionally engaged.

PO7. Demonstrate competencies in learning to update knowledge and practice targeted to improve Professional knowledge and practice

DEPARTMENT OF ENGLISH

PO1. Develop an understanding of the major concepts, theoretical perspectives and Recent areas of studies in English literature.

PO2. Use critical thinking ability in both understanding a text and in analyzing real life Situations.

PO3. Develop a critical approach towards the socio-political and cultural milieu of a Society through the study of literary texts

PO4. Apply effective communicative skills in and outside the classroom

PO5. Apply the professional competencies such as digital learning, creative writing, Translation.

PO6. Demonstrate the abilities to pursue higher studies in English and cultural studies

PO7. Demonstrate competencies in learning to update knowledge and practice Targeted to improve professional knowledge and practice.

DEPARTMENT OF GEOGRAPHY

PO1- Demonstrate a comprehensive understanding of the principles, concepts, and theories of Geography, including its sub-disciplines such as physical geography, human geography, and Geometrics.

PO2- Apply critical thinking and problem-solving skills to analyze and interpret geospatial Data and phenomena, and develop innovative and sustainable solutions to environmental and social issues.

PO3- Utilize a range of geospatial technologies, including geographic information systems (GIS), remote sensing, and spatial statistics, to collect, manage, and analyze geospatial data.

PO4- Conduct fieldwork and research projects, utilizing both qualitative and quantitative Methods, to collect and analyze data on environmental and social phenomena.

PO5- Communicate effectively in written, oral, and visual forms, to diverse audiences, including academic and non-academic audiences, using appropriate technologies and media.

- PO6- Work effectively in diverse teams, demonstrating leadership, communication, and Collaboration skills, to solve complex environmental and social problems.
- PO7- Develop an interdisciplinary and holistic perspective on environmental and social Issues, drawing on knowledge and methods from diverse fields such as ecology, economics, Sociology, and political science.
- PO8- Demonstrate global and cultural competence, with an understanding of the diverse cultural, social, and economic contexts in which environmental and social issues occur.
- PO9- Apply ethical and professional standards, demonstrating a commitment to responsible and sustainable environmental and social practices.
- PO10- Engage in lifelong learning and professional development, staying abreast of current Trends and advances in the field of geography, and contributing to the advancement of the Discipline through research and practice.

DEPARTMENT OF HISTORY

- PO1- A graduate in History will acquire a profound knowledge of world civilization along with historical knowledge regarding culture, socio-economic development, and politics. A graduate will acquire broad information on the historical geography of the Indian sub-continent and the contemporary world.
- PO2- The programme imbibes broad skills in the discipline of history including manuscript reading, deciphering script, epigraphy, and numismatic, developing archiving skills, and commentary on declassified government/non-government documents, reports, and dispatch.
- PO3- A graduate of history will develop competency in various academic writings like essays, and research projects.
- PO4- The Programme enriches competency level by introducing canvas of courses which enrich the capacity for human resource development in various government and non-government sectors. The program ensures graduates placement in competitive examinations conducted by state and union commissions every year for different categories of government job
- PO5- The courses are structured in a way that gives avenues for further research and teaching in various academic and research institutions across disciplines.

DEPARTMENT OF POLITICAL SCIENCE

- PO1- Demonstrate a comprehensive understanding of key political concepts, theories, Ideologies and methodologies in Political Science to analyse the structures and Functions of key political systems, institutions and processes.
- PO2- Analyse global issues with an understanding of diverse socio-cultural and Political contexts through an inter-disciplinary approach.
- PO3- Identify and address issues of inequality, social justice, rights and sustainability in the context of contemporary socio-political phenomena.
- PO4- Apply critical thinking to identify and evaluate various socio-political issues, Policies and debates related to the state, society, community and beyond.
- PO5- Design research projects using appropriate methodologies to understand diverse Political phenomena and find solutions.
- PO6- Conduct analysis of political phenomena using appropriate research methods and Tools to advocate for policy changes.
- PO7- Engage in relevant political debates demonstrating strong articulation, Communication skills and logical reasoning.
- PO8- Use discipline specific principles to demonstrate leadership skills and Collaborative work in addressing issues of socio-political relevance.
- PO9- Engage in higher studies, research and lifelong learning for continuous Individual and professional development.
- PO10- Use knowledge of concepts of Political Science to contribute towards cultivating A sense of responsible citizenship, community development, public discourse, Policy formulation and implementation process.

DEPARTMENT OF SOCIOLOGY

- PO1- Apply their understanding to real life situations to solve problems in familiar and non-Familiar contexts.
- PO2- Nurture critical thinking skills to interpret and synthesize information taken from various Sources of society to draw valid conclusions with evidence and examples.
- PO3- Create inclusive, tolerant, amicable social environment as conscious citizen.
- PO4- Construct and express thoughts and ideas effectively in a clear, sensitive, and respectful Manner for different groups and audiences related to field of learning and professional practice.

- PO5- Identify, analyze and draw inferences on real life situations and apply that knowledge for Practical problem solving.
- PO6- Demonstrate a keen sense of observation, inquiry and capability for doing research in Contemporary and relevant issues.
- PO7- Collaborate effectively and respectfully with diverse communities of society.
- PO8- Construct vision and build a team that can help achieve the vision of the concerned Institution.
- PO9- Inculcate a healthy attitude to be a lifelong learner for self improvement.
- PO10- Make optimum utilization of digital technology in teaching and learning process.
- PO11- Demonstrate the capability to work in a multicultural and diversified work environment To develop a holistic and inclusive society.
- PO12- Practice constitutional, humanistic, ethical and moral values in life.
- PO13- Demonstrate the ability to comprehend the perspectives and experiences of another Person or group as well as to recognize and comprehend the emotions of others.
- PO14- Develop environmental awareness and take necessary measures to mitigate Environmental concerns.
- PO15- Apply the acquired knowledge and skills in work and learning contexts appropriate for the level of qualification with accountability and responsibility.
- PO16- Able to work collaboratively with and through groups of people affiliated to different Geographic proximity, specific interests, and differential or similar situations.

DEPARTMENT OF BOTANY

- PO1- Knowledge on diversity of plant resources, their importance, and strategies for Conservation.
- PO2- Scientific approach to address problems in plant science and use of plant-based products for human welfare.
- PO3- Application of knowledge and skills in entrepreneurship.
- PO4- Develop new techniques/methods for solving the problems of the allied disciplines.

DEPARTMENT OF CHEMISTRY

- PO1- Understand the basic principles of various branches of Chemistry.
- PO2- Demonstrate a range of practical skills to conduct and infer experiments Independently and in groups.
- PO3- Apply the key concepts and standard methodologies to solve problems related To Chemistry.
- PO4- Apply methodologies to the solution of unfamiliar types of problems.
- PO5- Exhibit skills leading to employability in Chemistry and allied industries.
- PO6- Comprehend the fundamental aspects of research in Chemistry.
- PO7- Possess the level of proficiency in the subject required for post-graduation as Well as for pursuing research in Chemistry and related interdisciplinary Subjects.
- PO8- Demonstrate teaching competencies required for keeping oneself Professionally engaged.

DEPARTMENT OF MATHEMATICS

PO1: Disciplinary Knowledge

Being able to demonstrate comprehensive knowledge and coherent understanding of both the theoretical and applied components of mathematics as well as chosen interdisciplinary areas of study in a broad Multidisciplinary context.

PO2: Communication Skills

Capability to express various mathematical ideas clearly through computational methods, graphical Methods, examples and their geometrical representations; ability to use mathematics effectively as a Precise language of communication in other fields.

PO3: Moral and Ethical Awareness/Reasoning

Ability to recognize ethical issues that are pertinent to one's work and pledge not to engage in unethical Behaviors such as plagiarism, copyright and infringement of intellectual property rights.

PO4: Multicultural Competence

Ability to correlate and compare recent developments in various branches of mathematics in a variety of Organisations worldwide; ability to effectively participate in a multicultural group or society and interact Politely with diverse groups.

PO5: Information/Digital Literacy

Ability to access, asses and utilize Information and Communications Technology (ICT) tools. Ability To understand, read and write programming language/packages/modules (MATLAB; C) for Computation, simulation, graphs and solutions.

PO6: Reflective Thinking

Ability to formulate appropriate questions pertaining to the ideas in various branches of mathematics in order to propose new solutions using the domain knowledge of mathematics; ability to interpret the Findings and use them to solve a variety of problems found in numerous fields of mathematics and real-Life.

PO7: Cooperation/Team Work

Ability to collaborate with diverse teams in an effective and respectful manner; capacity to cooperate with people from varied backgrounds in the interests of a common goal.

PO8: Research Related Skills

The ability to formulate appropriate questions, problems, and hypotheses by analyzing and interpreting the ideas from various branches of mathematics; ability to demonstrate the results, theories, techniques and proofs using the concepts of various fields of mathematics.

PO9: Problem Solving

Ability to work independently and do in-depth study to find ways that mathematics is used in various Industries and in daily life to improve job possibilities in a wide range of fields and academic study; Ability to use innovative, imaginative, lateral thinking, interpersonal skills, and emotional intelligence; Ability to tackle various challenges in both familiar and unfamiliar circumstances, then apply what They've learned to actual scenarios.

PO10: Critical Thinking

Capability to analyse and synthesise theoretical and applied problems, as well as acquire knowledge and skills through logical reasoning, analytical thinking and evaluations; ability to find gaps and logical Faults in arguments; inculcate a healthy attitude to be a lifelong learner.

DEPARTMENT OF PHYSICS

- PO1- To enhance the knowledge of Newtonian Mechanics, Properties of matter and concepts of special theory of
- PO2- To develop the theoretical and practical knowledge of wave and oscillation, interesting phenomenon of light and knowledge of various optical instruments.
- PO3- To develop the mathematical skills of student to understand the fundamentals of topics in physics, which provides solid grip over the fundamental concepts of physics.
- PO4- To develop the experimental skills of students in mechanics as well as waves and optics.

DEPARTMENT OF ZOOLOGY

- PO1- Knowledge on diversity of animals, their importance, and strategies for conservation.
- PO2- Scientific approach to address problems in biology and sustainable use of resources for Human welfare.
- PO3- Application of knowledge and skills in entrepreneurship.
- PO4- Develop new techniques/methods for solving the problems of the allied disciplines.