

TURA GOVERNMENT COLLEGE: TURA

PROGRAMME SPECIFIC OUTCOME(PSO)

ENGLISH DEPARTMENT

- I Semester concentrates on (Paper I) Poetry I, its developments, forms and movements throughout the ages. This paper aims at imparting an introductory knowledge to the student pertaining to writers of all ages in the verse form.
 - II Semester, consists of Fiction I, under Paper II, and is designed to familiarise students with the emergence of the Novel as an art.
 - III Semester consisting of Paper III, Drama traces the development of drama concentrating on the historical and cultural contexts, from a literary standpoint.
 - IV Semester, Paper IV: Language and History of English Literature, concentrates on providing the background of Literature as a whole. With Phonetic transcription and Critical terminology, this paper also aims at sensitizing the students to English as a language.
 - V Semester, consists of Paper V: Poetry II and Paper VI Fiction II
 - VI Semester consists of Paper VII: Literary Criticism aims at orienting the students with the study of significant texts on Criticism, thereby aiming at providing them the necessary grounding in the subject.
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- i) *Communication skills:* Dramas and plays prescribed in the syllabus enable the students to understand dialogues thereby giving them a good practise in communication skills. Exercises such as role-play etc., are encouraged to instil self-confidence and fluency of thought and language, among the learning community.
 - ii) *Critical Thinking:* The selection of texts for fiction and poetry of various writers belonging to different ages, are rich with subjects relevant to society, history and various other philosophies, enabling retrospection and critical thinking in the students.
 - iii) *Problem solving:* Phonetic transcriptions, rhetoric and prosody are taught in order to enable language learning for communication. Discussions are made the principal aim in the classroom with the help of the syllabus prescribed, that enables the students to touch upon pertinent issues with regard to life skills and various ethics.
 - iv) *Analytical Reasoning:* Critical theories enable students to read and critically analyse a text.
 - v) *Multicultural Competence:* The issues that the texts deal with, teach students to critically analyse and transcend beyond various social, cultural, gender-based issues etc.
 - vi) *Team work:* Again, poetry and plays enable students to act out as groups, thereby instilling in them the spirit of team work, fostering a sense of ethics and discipline for a social and professional standing in the future.

EDUCATION DEPARTMENT

1. The graduate will be able to imbibe all the basic theories and principles of education.
2. The student will be enriched with various techniques, skills, approaches and model of teaching which will expand the employment opportunities.
3. Ability to apply the educational work in practice and research in different fields for achieving desirable change and development and empowerment of people.
4. The graduate can explore better ways of functioning and build upon their experiences systematically.
5. The graduates will be able to equip themselves with pedagogical skills and commitment.
6. The graduates are encouraged to undertake doctoral research to provide direct inputs for the improvement of teaching development programmes.
7. The graduates will develop competencies and practices in areas of teaching and learning, use of educational technologies, design, development and evaluation of curricula, management and leadership, research and evaluation and teaching as a profession.
8. The graduates will enhance their quality in education through making of reflective practitioner.
9. The graduate will be able to analyse the causes behind the major psychological issues seen with people in the society today.
10. The graduate will be able to understand the need to provide the psychological assistance to people conducting awareness programmes and campus.

ECONOMICS DEPARTMENT

1. To introduce students with fundamental of micro and macroeconomics at elementary level.
2. Student will learn some development models, international aspects of economic development and issue related to economy, environment, interactions, control of environment damages, etc. it will be acquainted with Indian economic features including agriculture, industry, and various aspect of economic reforms.
3. Provide the students with mathematical ideas and tools to analyse various concept of economic principles and relations.
4. Students acquire the knowledge of international principles, theories, and its application to the real world.
5. Provide knowledge on basic tools of statistics and methods in analysing various economic phenomena in terms of consumer, producer and market behaviour.

HISTORY DEPARTMENT

1. To familiarise the students with socio economic and political developments in India from the ancient times to the 20th century.
2. To introduce to the students to scope, the basic concepts that form the subject matter of history.
3. To generate an understanding of major developments in the modern world and its related effects in the contemporary world.

POLITICAL SCIENCE DEPARTMENT

1. The First Paper introduces the students to the basic concepts, ideas and theories with its perspectives and dimensions on its contemporary political relevance.
2. The Second Paper tries to inculcate the constitutional and legal provisions of the ideological basis with the political processes being studied critically, thereby aiming to gain an understanding of the dynamics of political systems in the four selected major Constitutions of the world.
3. The Third Paper focuses on the political processes and the actual functioning of the Indian political system with an emphasis on its social and economic roles.
4. The Fourth Paper introduces the concepts and dimensions of International Relations highlighting the major debates within the different theoretical paradigms, with the dominant theories of power and the different aspects of the Balance of Power.
5. The Fifth Paper studies the Western classical traditions of Political Theory from 'Plato to Marx' with a view to understand how the great thinkers explained and analysed the political events and problems of their times and thereby prescribed solutions. The texts are interpreted both in their historical and philosophical perspectives to understand the universality of the enterprise of political theorizing.
6. The Sixth Paper seeks to highlight the contributions of the Indian Political Thinkers during the phase of the National Struggle for freedom and to critically evaluate their ideas.
7. The Seventh Paper's primary objective is to enable the students to understand the political developments that had taken place in the North-Eastern region and to equip them with the knowledge of what is going on politically in and around the different States of the region.
8. The Eighth Paper's genesis of International Organisation and humanity's quest for peace and international security remains the backdrop of this paper helping the

students to assess the working of the United Nations, covering both its achievements and challenges.

PHILOSOPHY DEPARTMENT

1. To inspire the students to confront the philosophical problems in their lives.
2. To develop a clear, critical thinking in them.
3. To help developing reading skills necessary to understand critical reading of the great philosophers, present and past.
4. To help the students to formulate for himself or herself a philosophy of life or world view.
5. To develop their own philosophical areas of interest and investigate them from various perspectives.
6. To enable the students to apply their philosophical learning to important public issues and to articulate why philosophical understanding is valuable in such debates.
7. To make them learn to recognize and articulate fundamental questions about what exists, what we can know and how we should live our lives.
8. To help them to acquire competence in translation, interpretation, and proof in sentential and predicate logic and to know how these processes aid in the evaluation of arguments.
9. To enable them to describe the ways in which the formal techniques of logic are important to philosophical research.
10. To enable the students to go for higher studies and to find jobs.

GARO DEPARTMENT

1. The course introduces the students to the Origin and Migration of the Garo Tribes as well as the Origin and History of Garo Language and in-depth knowledge of Garo Grammar as important components of Garo Language and Literature.
2. Provides knowledge and understanding about Traditional, Cultural, Social, Customary Laws and Values and Practices of the Garos in the form of rituals, chantings, proverbs, sayings, word pairs and folktales etc.
3. Students become well equipped with the knowledge of Garo Literature and its background and helps them to develop a critical analysis of texts.
4. Students acquire knowledge of English and other Literature too, through translated works in the form of drama, poetry, fiction, novel, criticism and the art of writing (Rhetoric and Prosody)
5. The course facilitates the students to pursue higher studies in different disciplines like Journalism, Proof Reading, and carry out Thesis and other writings, M.Phil and PhD in their Mother Tongue.

6. The course also provides in-depth knowledge of traditional interests, festivals etc. through study tours which helps the students to learn, enquire, examine and carry out research on the traditions of the Garos in a more innovative and profound manner.

ASSAMESE DEPARTMENT

1. The course facilitates the students to go for higher studies in Assamese Language and Literature.
2. The course opens the opportunity to have independent livelihood such as a proofreader, editor or translator.
3. The course helps the students to go for further studies in different discipline like journalism, teaching or writer

BENGALI DEPARTMENT

1. The course facilitates the students to go for higher studies in Bengali Language and Literature.
2. The course opens the avenues to earn an independent livelihood such as a proof reader or editor.
3. The course helps the students to go for further studies in different discipline like journalism.

GEOGRAPHY DEPARTMENT

1. Students are expected to acquire geographical knowledge (phenomena, processes, and principles) and interrelate knowledge with their practical experience.
2. Students are also expected to develop good communication skills and social interactions on field study activities/ data collections.
3. Students will develop Technical skills by using modern instruments for collecting data in making diagrams and maps with the help of various modern instruments and computer-based software.
4. Throughout the programme students will learn various geographic knowledge related with nature, climate, environment, soil, vegetation etc. which influences human lives. With their geographical knowledge, they can play important role in the society.
5. Students will be more environmental conscious after they get to study the interrelationship between man and its environment.
6. Students can increase their analytical thinking after the field work.
7. Students will be able to solve the problems in resource conservation and management.
8. Students will have a general understanding of human population patterns, factors influencing the distribution and mobility of human populations including settlement and economic activities and networks, and human impact on the environment.

9. Students can apply on any field skill and knowledge in any field of jobs such as Disaster management work, weather forecasting work, industrial, etc.

PHYSICS DEPARTMENT

Students graduating with a B.Sc. Honours in Physics should be able to:

1. Show adequate expertise in mathematics and the mathematical concepts necessary for proper understanding of concepts and application of Physics
2. Illustrate knowledge of selected topics from classical mechanics, quantum mechanics, electromagnetism, nuclear and modern physics, solid state physics, thermal physics, and basics of Fortran programming, and apply this knowledge to analyze a broad range of physical phenomena
3. Demonstrate that they have learned laboratory skills, e.g., handling of equipment's with necessary safety measures, measurements in a physics laboratory and analyze the data to arrive at suitable conclusions
4. Express their capability of oral and written scientific communication
5. Think critically and work as a team-member as well as independently
6. Exhibit analytical and systematic attitude required for scientific approach
7. Pursue post-graduate studies in physics and related disciplines
8. Be employed in various capacities in educational institutions, industry, government labs, and elsewhere, where knowledge of physics and its applications and quantitative problem-solving skills are important.
9. Be intelligent and critical consumers of scientific inventions as well as information

CHEMISTRY DEPARTMENT

PSO1. Imparting the knowledge that Chemistry is the centre of Science

PSO2. Developing the knowledge that Chemistry plays an important role in our daily lives

PSO3. Imparting knowledge of theoretical and experimental background in Chemistry

PSO4. Developing proficiency in the Chemistry laboratory

PSO5. Creating awareness about Chemical pollutions

PSO6. Students are able to clearly articulate basic chemical information

PSO7. Pursue further studies in chemistry and its application

MATHEMATICS DEPARTMENT

PSO-1 On the successful completion of the course, the graduates understands the concepts of calculus (Differential and integral, differential equations (ordinary

and partial, algebra (abstract, linear) and analysis (real, complex and numerical) and mechanics.

- PSO-2 Read, understand and construct correct mathematical proofs
- PSO-3 Develop power of reasoning, critical thinking, problem solving ability, developing new ideas, drawing logical conclusions and high level of numeracy.
- PSO-4 Explains the importance of math and its techniques to solve real life problems.
- PSO-5 Able to communicate effectively both orally and in writing.
- PSO-6 Develop skills in analysing and interpreting data.
- PSO-7 Graduates of math programme will be able to apply their knowledge in modern industry, teaching, and other fields such as MBA, MCA, Mathematical Computing and research.
- PSO-8 Studying math simply opens the doors to a wealth of opportunities.

BOTANY DEPARTMENT

1. Understand the diversity and complexity of life form and their relatedness/interdependence to each other for their survival.
2. Understand the importance of conservation and sustainable use of plants and its application in various industries.
3. Understand the basic principles of ecology and the importance of conservation of natural environment for the existence of life on this planet.
4. The well-established information on diverse forms of living organisms can be applied to his/her advantage for the enrichment of his/her livelihood.
5. Understand the application of Biological Sciences in Agriculture, Horticulture, Floriculture, Medicines, Pharmacology, and Forestry etc.
6. Identify the various types of plant diseases and their causal organisms.
7. Develop scientific temper through regular activities in theory as well as in practical classes to instill the use of scientific method in solving various types of problems.
8. Understand the distinguishing features, identify, and classify the various groups of plants like algae, fungi, bryophyte, pteridophyte, gymnosperm and angiosperm.
9. Understand the concepts of genetics, the principles of plant breeding, genetic engineering, and plant biotechnology in the improvement of plant.

ZOOLOGY DEPARTMENT

1. Students can use the study method for Identification, classification, and characterization of animals from non-chordates to higher vertebrates.
2. Students learn the knowledge of various physiological changes in animals and man.
3. Learn the possible effect of environmental pollutions on man and animals.

4. Students gain knowledge on various genetic abnormalities, causes and precautions.
5. Students learn the importance and their role on environmental conservation.
6. Learn the life cycles and pathogenicity of parasites on human health.
7. To learn the methodology and processes involved in Genetic engineering which will enable them to pursue further research in the field.
8. Tools of Biotechnology related to zoology to enhance higher studies.
9. Students study pest management which can be applied in the field of agriculture, wildlife, sericulture, pisciculture, horticulture, etc.
10. Students can study M. Sc in Biochemistry, Zoology, Anthropology, wildlife, Biotechnology, Sericulture, etc and can become quality teachers in the field of education.

COMMERCE DEPARTMENT

1. PSO – 1: Students will understand the role of accounting in society and business.
2. PSO – 2: Students will be able to demonstrate progressive learning of various tax issues and tax forms related to individuals and firms.
3. PSO – 3: Students will learn relevant financial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.
4. PSO – 4: Students will learn relevant managerial skills, applying both quantitative and qualitative knowledge to their future careers in business.
5. PSO – 5: Students will gain thorough and systematic skills within various disciplines of Accounting, Economics, Finance, Auditing and Marketing, Entrepreneurship and Taxation.
6. PSO – 6: Students will be able to recognise features and roles of businessmen, entrepreneur, managers, who will help them to possess knowledge and other soft skills and to react aptly when confronted with critical decision making.
