

# Course outcome

## Four Year Undergraduate Programme (FYUGP)

### Semester I

Course Name	Course Outcome
<b>Dept of Anthropology</b>	
Foundations of Anthropology	After going through this course students will <ol style="list-style-type: none"><li>1. be able to understand about ethnocentrism and cultural relativism as two unique aspects of Anthropology.</li><li>2. understand about cultural and social differences existing in the world and how such differences will help us in solving problems in everyday life.</li><li>3. learn biological anthropology in terms of human evolution and variation.</li><li>4. acquaint themselves with the prehistoric archaeological dimension of human society and its evolutionary concept.</li></ol>
<b>Dept of Assamese</b>	
History of Assamese Language and Literature (up to 1826)	After going through this course students will be able to <ol style="list-style-type: none"><li>1. get acquainted with the history of Assamese language and literature</li><li>2. know about the origin and development of Assamese language and literature from the beginning up to 1826</li><li>3. have a knowledge of the literary ages and also get acquainted with the selected works of each age</li></ol>

	4. get knowledge of the linguistic and literary context and characteristics of each age along with an idea of old and medieval Assamese literature like songs, poetry and drama.
<b>Dept of Botany</b>	
Plant and Microbial Diversity	<p>After going through this course</p> <ol style="list-style-type: none"> <li>1. Students can acquire detailed knowledge on origin of life, microbes which basically includes virus and bacteria.</li> <li>2. Students can gain detailed knowledge on lower cryptogams which includes Algae, Fungi, Bryophytes and Pteridophytes.</li> <li>3. Students can gather better understanding on higher plants after studying about classification and reproduction of Gymnosperm and studying about inflorescence and angiospermic families.</li> </ol>
Plant and Microbial Diversity (Practical)	<p>After going through this course</p> <ol style="list-style-type: none"> <li>1. Students can gather practical knowledge on structure of T-Phage and TMV.</li> <li>2. Studying about detailed morphological and reproductive structures of Algae, Fungi, Bryophytes and Pteridophytes will enhance their understanding on lower cryptogams.</li> <li>3. Students can observe morphological and reproductive structures such as sporophylls of Cycas and Pinus.</li> <li>4. Students can study about leaf venation, inflorescence and fruits of Angiosperm.</li> </ol>
<b>Dept of Chemistry</b>	
	<p>After going through this course students will</p> <ol style="list-style-type: none"> <li>1. learn the atomic Structure through the basic concepts of quantum mechanics.</li> </ol>

	<p>2. understand the Chemical bonding through VB and MO approaches.</p> <p>3. learn periodic properties in main group elements, transition metals (3d series).</p> <p>4. learn basic ideas used in organic chemistry, stereochemistry, functional groups, Alkanes, alkenes, alkynes etc.</p> <p>5. learn kinetic theory of gases, ideal gas and real gases, surface tension, Viscosity and chemical kinetics.</p>
<b>Dept of Commerce</b>	
Financial Accounting	<p>After going through this course students will be able</p> <ol style="list-style-type: none"> <li>1. The outcome of this paper is to help students to acquire conceptual knowledge of the financial accounting.</li> <li>2. To impart skills for recording various kinds of business transactions.</li> <li>3. Students will be able to examine the qualitative aspect of the published financial statements and to analyze these statements in the light of applicable accounting standards.</li> <li>4. To apply basic knowledge on computerized accounting in preparing accounts.</li> </ol>
Business Organization and Management	<p>After going through this course students will be able</p> <ol style="list-style-type: none"> <li>1. to get basic knowledge about the organization and management of a business enterprise.</li> <li>2. to understand about organization structure and its process; develop knowledge and skills regarding management principles and functions required to run an organization.</li> </ol>

Indian Financial System	<p>After going through this course students will be able</p> <ol style="list-style-type: none"> <li>1. to get students the basic knowledge of Indian Financial System and its components, institutions and their functions.</li> <li>2. to understand the diverse components and functions of the system, the role of regulatory bodies, the impact of policies on economic growth</li> <li>3. to develop analytical skills to evaluate and navigate financial markets effectively.</li> </ol>
<b>Dept of Economics</b>	
Introductory Economics	<p>After going through this course</p> <ol style="list-style-type: none"> <li>1. Student will come to know the essence of the economic problem such as scarcity and allocation usability of resources, Problem of choice and optimization by an economic agent, Opportunity cost, concept of demand and supply and calculation of elasticity.</li> <li>2. Student will understand Market and its role in the economy; its form like Perfect competition and monopoly market; concept of consumers' and producers' surplus and its efficiency of the market equilibrium</li> <li>3. Student will know the concept of National income and its measurement, Circular flow of the Economy, concept of Personal and disposable income, purchasing power and parity, concept of Unemployment, Inflation and recession; Balance of Payment.</li> <li>4. Student will understand Macroeconomic Equilibrium and Income determination, Ex-post and Ex Ante Saving and investment,</li> </ol>

	<p>Keynes' Approach of Aggregate Effective Demand and determination of Income, Multiplier Analysis.</p> <p>5. Student will be able to know the basic concept in public finance like direct and indirect tax, tax rate, Buoyancy and elasticity of a tax, Proportionate, Progressive and Regressive taxation; Government budget and its Revenue and Capital Components.</p>
<b>Dept of Education</b>	
Principles of Education	<p>After going through this course students will be able</p> <ol style="list-style-type: none"> <li>1. to know the meaning, types and sound principles of education.</li> <li>2. to get acquainted with the concepts like different aims of education, curriculum, democracy, discipline, freedom etc.</li> <li>3. to have knowledge about different aims of education and its application in educational setting.</li> <li>4. to understand the democratic ideals and set up of education.</li> </ol>
<b>Dept of English</b>	
English Literary and Social History	<p>After going through this course students will be able</p> <ol style="list-style-type: none"> <li>1. to know about English literary and social history in terms of ideas and events.</li> <li>2. to get acquainted with the vast panorama of socio-cultural changes across different ages.</li> <li>3. to acquainted with the contexts of literature from the socio-cultural perspective, the realities that have a strong impact on English Literature.</li> </ol>

**Dept of Geography**

**INTRODUCTION OF PHYSICAL GEOGRAPHY**

**UNIT I: Evolution and growth of Physical Geography**

1.The students will learn that the earth is unstable and it is undergoing constant changes due to dynamic earth's processes.

2.The students will come to know about the meaning and scope of all branch of Physical Geography.

3.After gaining knowledge based on the contents embodied in this paper, the students will be able to realize the importance of geomorphologic knowledge as applied in various developmental activities executed on the land and over the earth's surface.

**UNIT II: Geomorphology**

1.The students will learn that the earth is unstable and it is undergoing constant changes due to dynamic earth's processes.

2.The students will come to know about the meaning and scope of geomorphology as a major branch of Physical Geography.

3.After gaining knowledge based on the contents embodied in this paper, the students will be able to realize the importance of geomorphological knowledge as applied in various developmental activities executed in different areas.

**UNIT III: Climatology**

1.The paper will be useful for students in developing ideas on climate related aspects of geographical analyses.

	<p>2.It seeks to develop new insights among students on the relevance of climatic variable stagnating on climate change.</p> <p>3.This paper is a core paper that intends to introduce students to the rationale underlying climatologically studies in geography.</p> <p>UNIT IV: Oceanography:</p> <p>1.The paper will be useful for students in developing ideas on oceans related aspects of geographical analyses.</p> <p>2.The students will come to know about the meaning, scope and significance of Oceanography as a branch of Physical Geography.</p> <p>3. The students will come to know about the ocean currents, temperature and salinity relationship.</p> <p>UNIT V: Biogeography:</p> <p>1. The students will come to know about the meaning, scope and significance of Biogeography as a branch of Physical Geography.</p> <p>2. The paper will be useful for students in developing ideas on fundamental concepts in biosphere, ecology, ecosystem and biodiversity.</p>
<b>Dept of History</b>	
History of India (Up to 1206 CE)	<p>After going through this course students will be able</p> <p>1. Explain the emergence of state system in North India as well as development of imperial state structure and state formation in South India in the early period.</p>

	2. They will be able to relate the changed and transformations in polity of early India and the linkages development through contacts with the outside world.
<b>Dept of Hindi</b>	
Hindi Sampreshan	<p>After going through this course students will be able</p> <ol style="list-style-type: none"> <li>1. to increase the Hindi communication ability through correct pronunciation and conversation.</li> <li>2. to express themselves in Hindi medium in various contexts.</li> <li>3. to develop professional abilities through effective communicative skill and they will become socially and culturally responsible citizens</li> <li>3. to properly send and communicate thoughts and ideas through Hindi in all formal and informal matters.</li> </ol>
<b>Dept of Mathematics</b>	
Classical Algebra	<p>After going through this course students will be able to</p> <ol style="list-style-type: none"> <li>1. employ De- Moivres theorem in a number of applications to solve numerical problems.</li> <li>2. learn the basic concepts of exponential, logarithmic and hyperbolic function of complex number.</li> <li>3. learn how to solve cubic and biquadratic equation.</li> <li>4. learn how to find the nature of the roots of a given polynomial equation by Descartes rule, also learn about symmetric functions of the roots for cubic and biquadratic equation.</li> </ol>
<b>Dept of Philosophy</b>	

Ancient Indian Thought	<p>After going through this course students will be able</p> <ol style="list-style-type: none"> <li>1. to know about the distinct area of thoughts which were available in ancient India.</li> <li>2. to gain knowledge about some of the prominent ancient Indian scriptures and epics related to philosophy.</li> <li>3. to grasp the ideas and concepts which helped systems of Indian Philosophy to develop.</li> <li>4. to know about the objectives towards which knowledge was directed in ancient India.</li> </ol>
<b>Dept of Political Science</b>	
Introduction to Political Theory	<ol style="list-style-type: none"> <li>1. After completing the course students will be better equipped to understand the key concepts in political theory and various related conceptual categories.</li> <li>2. There will also be in a better position to engage in application of concepts and understand the limitations.</li> <li>3. It will also help in developing critical thinking regarding the functioning of the political system in relation to the context, students are situated in.</li> <li>4. The foundation for understanding the contemporary political developments would also be laid down by the course.</li> </ol>
<b>Dept of Physics</b>	
Mathematical Physics and Mechanics	<p>After going through this course students will</p> <ol style="list-style-type: none"> <li>1. be able to understand the calculus of vectors and concept of curved spaces which play central roles in developing insight of the theories of physics.</li> </ol>

	<p>2. learn the powerful method of computation through Dirac delta function which often appears in complex problems of physics.</p> <p>3. be able to understand and apply the concepts of dynamics of particles, energy, oscillation and basic properties of matter in various problems of physics, technology and engineering.</p> <p>4. be trained in concept realisation through laboratory practices.</p>
<b>Dept of Sanskrit</b>	
Introduction to Sanskrit	<p>After going through this course students will be able</p> <p>1. to appreciate the value of knowledge regarding ancient Indian literature.</p> <p>2. to gain knowledge about various Indian scriptures which are the root of Indian Civilization.</p> <p>3. to appreciate Indian Knowledge System that evolved in the initial stage of human civilization.</p> <p>4. to grasp the linguistic significance of Sanskrit and its scripts.</p>
<b>Dept of Sociology</b>	
INTRODUCTION TO SOCIOLOGY	<p>1. The course will enable students to comprehend social reality through sociological concepts.</p> <p>2. It will enable critical and analytical thinking.</p> <p>3. The course will assist students for higher studies, competitive examinations and research work.</p> <p>4. It will also enable them to develop empathy, communication skills and multi-cultural competence.</p>

	5. The course will help to understand the historical trajectory of the discipline of sociology.
<b>Dept of Zoology</b>	
DIVERSITY OF NON-CHORDATES	<p>After going through this course students will be able</p> <ol style="list-style-type: none"> <li>1. to learn about the importance of systematics, taxonomy and structural organization of animals.</li> <li>2. to understand evolutionary history and relationships of different non-chordates through functional and structural affinities.</li> <li>3. to critically analyze the organization, complexity and characteristic features of non-chordates making them familiarize with the morphology and anatomy of representatives of various animal phyla.</li> <li>4. to comprehend the economic importance of non-chordates, their interaction with the environment and role in the ecosystem.</li> <li>5. to enhance collaborative learning and communication skills through practical sessions, teamwork, group discussions, assignments and projects.</li> </ol>
<b>Value Added Course (VAC)</b>	
Environmental Studies	<ol style="list-style-type: none"> <li>1. After going through this course students can visualize the importance of environment for human mankind.</li> <li>2. This course will help to make an understanding of the various concepts which are frequently used by us.</li> <li>3. This course also enable students to know the problems of a particular environmental event through case studies and also help them to go</li> </ol>

	through the various available laws that can minimize the environmental problems.
<b>Ability Enhancement Course (AEC)</b>	
Alternative English	<p>After going through this course students will be able to</p> <ol style="list-style-type: none"> <li>1. get an idea of the poetry of W. B. Yeats, Sarojini Naidu, Sujata Bhatt and Margaret Atwood</li> <li>2. get an idea of short stories of Mahim Bora and Bryan MacMohan</li> <li>3. to get acquainted with literary practices and trends which will engage and create a fondness and interest towards reading English Literature.</li> </ol>
Communicative Assamese	<p>After going through this course students will</p> <ol style="list-style-type: none"> <li>1. get an idea of how to use Assamese language for formal communication</li> <li>2. attain the ability to use Assamese language for functional purpose</li> </ol>
Hindi Kabya Dhara	<p>After going through this course students will</p> <ol style="list-style-type: none"> <li>1. have knowledge of ancient and medieval style, contents and language of the poets.</li> <li>2. obtain knowledge about the social, economic, political and religious conditions of ancient Indian Society</li> <li>3. have knowledge of society and literary aspects of modern Hindi Literature.</li> </ol>
<b>Skill Enhancement Course (SEC)</b>	
APICULTURE	<p>After going through this course students will be able to</p> <ol style="list-style-type: none"> <li>1. Understand the biology and rearing methods, tools and techniques of honey bees.</li> <li>2. Acquire practical skill of identifying stages of honey bees, structure of bee hives etc.</li> </ol>

	<ol style="list-style-type: none"> <li>3. Understand the value and economics of honey bee products in the market.</li> <li>4. Develop curiosity to venture in the field as entrepreneur or to pursue research in future</li> </ol>
Data Collection and Presentation	<p>After going through this course</p> <ol style="list-style-type: none"> <li>1. Learner will understand the use of data in social sciences, types of data and methods of data collection.</li> <li>2. Student will come to know how to prepare a questionnaire for data collection.</li> <li>3. Student will be able to present data in tabular formats, charts and diagram by using computer software like MS-Excel- bar, line, pie, scatter, radar, bubble diagram, population pyramids.</li> </ol>
Spoken English	<ol style="list-style-type: none"> <li>1. This course will enable the students to confidently collaborate and coordinate activities with others in full spirit.</li> <li>2. They will be able to communicate in English which will help them in their professional fields as well as personal.</li> </ol>
Gender Sensitization	<ol style="list-style-type: none"> <li>1. This course will sensitize student to issues related to gender and equality among all sexes.</li> <li>2. This course will provide them with the tools and skills to develop and integrate a gendered perspective in work and life.</li> <li>3. This course will acquaint them with laws that have an immediate bearing on gender relations.</li> </ol>
Nursery and Gardening	<ol style="list-style-type: none"> <li>1. Students can gather a brief idea about objectives, scope, infrastructure and maintenance of nursery. Concept on structure, types and dormancy of seeds and brief idea</li> </ol>

	<p>about seed storage including types and process and knowledge on seed production technology.</p> <ol style="list-style-type: none"> <li>2. Knowledge on various modes of vegetative propagation and maintenance of plants in green house, development and maintenance of gardening including scope and types and understand the various gardening operations including management of pests and diseases.</li> <li>3. Detail knowledge on managements of seeds and seedlings and concept about cultivation, storage and marketing of important vegetables.</li> </ol>
Panchayati Raj and Practice	<ol style="list-style-type: none"> <li>1. This paper will help students to understand the importance of grass root political institutions in empowering people.</li> <li>2. This paper will highlight the complex challenges faced by PRIs in India and mechanisms involved to make it more participatory and inclusive in nature.</li> <li>3. It will also help to develop the ability to assess the functioning of the government and the administration in ensuring a citizen centric welfare administration in India.</li> <li>4. To understand, comprehend and analyze the complex nature and functioning of the political systems, political institutions and corresponding issues to these both in a country specific case of India and cross-country perspectives</li> </ol>
Retail Management	<p>After completion of this course students will</p> <ol style="list-style-type: none"> <li>1. develop marketing competencies in retailing and retail consulting.</li> </ol>

	<p>2. be prepared for position in the retail sector or positions in the retail divisions of consulting companies.</p> <p>3. understand the business transformation and effective utilization of retail store.</p> <p>4. be acquainted with the various retail operation in the field of marketing.</p>
Disaster Management	<p>After completion of this course the students will be able</p> <ol style="list-style-type: none"> <li>1. to understand the concept of sustainable development</li> <li>2. to have knowledge of structure and functions of ecosystem</li> <li>3. have the knowledge of concept of biodiversity and the importance of preserving it.</li> <li>4. have the knowledge of how human communities affect environment.</li> </ol>
Mental Health and Hygiene	<p>After completion of this course the students will be able</p> <ol style="list-style-type: none"> <li>1. to understand the concept of mental health, development of mental health and characteristics of a mentally healthy person.</li> <li>2. to know the relationship between mental health and hygiene.</li> <li>3. To learn the factors, principles which promote mental health and the role of school and society for providing proper mental health</li> </ol> <p>To develop positive attitude on life which is most important in today's society</p>
Anthropology of Tourism	<p>After completion of this course the students will</p>

	<ol style="list-style-type: none"> <li>1. be acquainted with the social and cultural nature of tourism and the behaviour of tourists.</li> <li>2. have an insight into the socio-cultural dimensions of tourism, such as the behaviours of cultures and societies.</li> </ol>
Computer Application	<p>After completion of this course students will be</p> <ol style="list-style-type: none"> <li>1. Familiarized with MS Office</li> <li>2. able to perform documentation and Accounting Operations</li> <li>3. able to learn how to perform presentation skills</li> <li>4. able to Maintain and repair computers</li> </ol>
Art of Acting	<p>After completion of this course students will be able</p> <ol style="list-style-type: none"> <li>1. to get acquainted with different aspects of acting laid down by the principles of Bharatmuni's Natyashastra and Stanislavski's method.</li> <li>2. to know the difference between the camera Acting and stage Acting</li> <li>3. to enact various characters for various theatre &amp; media productions like; feature film, advertising film, documentaries, short films, television series, daily shops etc</li> </ol>
<b>Multidisciplinary Course (MDC)</b>	
Makers of Modern Assam	<p>After completion of this course students will</p> <ol style="list-style-type: none"> <li>1. get an idea of the life and writings of the makers of modern Assam</li> <li>2. get an idea of women education, politics and literature in Modern Assam.</li> <li>3. understand the formation modern Assamese society.</li> </ol>

	<p>4. they will be able explain the formation of students' association that ultimately led to the rise various students' movement during and post British era in Assam.</p>
Basics of Commerce and Management	<p>After completion of this course students will</p> <ol style="list-style-type: none"> <li>1.get an understanding of basic management concepts, principles and practices.</li> <li>2.be acquainted with business objectives, dynamics of business and environment, various type of business environment and its analysis.</li> <li>3. be acquainted with various strategies of Global Trade, Foreign Trade in India, Foreign Direct Investment and its implications.</li> </ol>
Business Mathematics	<p>1.After completion of this course the students will get familiar with the basic financial mathematics tools, with an emphasis on applications to business and economic situations.</p>
Natural and Physical Sciences	<p>After completion of this course students will</p> <ol style="list-style-type: none"> <li>1. get an idea of the structure and constituents of the material world.</li> <li>2. get acquainted with the laws of nature.</li> <li>3. get acquainted with the properties of matter.</li> </ol>