# EASTERN KARBI ANGLONG COLLEGE Sarihajan, Karbi Anglong, Assam



# **Key Indicator**

# 2.6 Student Performance and Learning Outcome

Metric No. 2.6.1

Teachers and Students are aware of the stated Programme and Course outcomes of the Programmes offered by the institution (15)

2.6.1 TEACHERS AND STUDENTS ARE AWARE OF THE STATED PROGRAMME AND COURSE OUTCOMES OF THE PROGRAMMES OFFERED BY THE INSTITUTION

# PROGRAMME OUTCOMES, PROGRAMME SPECIFIC OUTCOMES AND COURSE OUTCOMES OF NON- CBCS & CBCS SYSTEM

#### PROGRAMME OUTCOMES OF BA

- > Students will able to understand the role of cultural, historical, economical, political, linguistic force that shapes the world.
- The programme will create critical thinking among the students and they will able to suggest measures to solve a social issue.
- Successful learners will develop language and communication skills in terms of reading, writing and listening and will be able to communicate other people.
- > Students will be able to realize basic human value like truth, love-caring, peace, responsibility and morale values.
- It will help them to get employment or to obtain higher studies.
- The programme will help them by creating awareness of social problems, rights, values and responsibilities towards society and nation.
- > They will acquire knowledge about different problems like unemployment, overpopulation etc. of the economy and may contribute for reduction of the problems.
- It will create consciousness of the students towards environment problem and sustainable development.

# PROGRAMME OUTCOMES OF B. Sc.

- Learning science gives a practical exposure to the learners in imbibing the skills on handling scientific instruments, planning, performing and relating the laboratory experiments to the theoretical concepts. It helps the learners to draw logical conclusions and inferences.
- > Science plays a truly liberating role, supporting people to escape from the vicious cycle of ignorance and superstition.
- > Science can take the leadership in a collaborative interdisciplinary research which enriches to drive the need to address complex problems that cut across traditional disciplines, and the capacity of new technologies to both transform existing disciplines and generate new areas like cognitive literature, behavioral sciences etc.
- > Scientific knowledge allows the students to develop new technologies, solve practical problems, and make conversant decisions both individually and collectively.
- > Learning science helps in professional development of the learners.

# ASSAMESE DEPARTMENT PROGRAMME SPECIFIC OUTCOMES AND COURSE OUTCOMES NON – CBCS PROGRAMME SPECIFIC OUTCOMES

They will be well introduced with the North-Eastern states from its linguistic and cultural point of view. They will get a clear knowledge on development of writing and speaking languages. The study of literature as well as language is the study of our intellectual history and civilization. It will develop the aesthetic senses and socialistic approaches of the students. In addition to these, students will be able to develop their concept on some noble field viz. grammar, philosophy, history etc. Students will be able to knownot only about the Indian literature but also the world literature. They will be well introduced with the varied form of literature e.g., short story, novel, poetry etc.

COURSE OUTCOME (CO)

ASMH 101 Axomiya Sahityar Buranji (Aarambhanir pora uttar sankari yugoloi)	CO1: The idea of evolution and development is given with respect to time. Through this course students will acquire the knowledge of ancient and medieval period of Assamese literature.
ASMH 102 Purani Kabita aru Chanda Alankar	CO1: The students will have an idea on ancient poems of Assamese literature. Apart from gaining knowledge, students could understand the importance of Chanda and Alankar in Assamese literature.
ASMH 103	CO1: The students will know about the Indo-
Axomiya Bhasa	European language. They will gain knowledge about the development of Assamese language.
ASMH 201	CO2: The contribution of the missionaries in
Axomiya Sahityar Buranji	Assamese literature can be learnt from this course.
ASMH 202	CO2: An idea of modern poems, its
Adhunik Kabita	characteristics and about the Authors of this
	poems.
ASMH 203 CO2: In this course student will gain known	
Axomiya Biyakaran aru Lipi	about Assamese grammar. They will know about
	the manuscript written in leaves, inscriptions etc.
ASMH 301	CO3: The students will know about literary
Sahitya Hamaluchana: Pachatya criticism and its various methods.	

ASMH 302	CO3: In this course students will learn about the	
Adhunik Natak aru Dhawni	introduction of modern Drama and its characteristics and also the concept of Dhawni.	
ASMH 303	CO3: This course is prepared to give theknowledge of	
Pali-Prakrit-Apabhramsa Bhasa	Pali-Prakrit-Apabhramsa languages.	
ASMH 401 Asomor Sanskriti	CO4: Apart from gaining knowledge students could understand our cultural roots and heritage, unity among diversity etc. Field study on specific places, tribes, festivals, custom, folk performing art, folk literature and languages.	
ASMH 402	CO4: This course is prepared to give the	
Purani Natak aru Rasa	knowledge of ancient Dramas and also the concept of Rasa.	
ASMH 403 Pali-Prakrit-Apabhramsa Sahitya	CO4: The modern Indian languages are evolved from the Indo Aryan language family and middleIndo Aryan language family. This evolution spanned several centuries and has been reflected in the form of literary expressions. Through	
4	this curriculum students get the knowledge of linguistic development and growth of modern Indian languages, its phases of change.	
ASMH 501 Bharatiya Sahityar Adhayan	CO5: In this course the students will know about Brajabuli language. They will learn about the poems which is written in this language and about the authors of this poems and also learn about the novels.	
ASMH 502	CO5: The students will learn about ancient and modern	
Axomiya Gadya	Assamese prose, its origin and development.	
ASMH 503	CO5: Give thorough knowledge of Phonology,	
Dhawnibigyan	Syntax and Semantics.	
ASMH 601 Bharatiya Chutigalpa aru Axomiya SahityarBishes Adhayan	CO6: Through the study of this paper, the students would get an insight into the great heritage of society and culture, the depth of history, administrative practices etc. of the	
	period. The writer's sense of human values is	
	also highlighted in the paper.	
ASMH 602	CO6: To acquire in depth understanding and	
Upanayas aru Chutigalpa	critical analysis of various Novels and Shortstories.	
ASMH 603	CO6: Give thorough knowledge of general	
Bhasabigyan	linguistic, different form of language, methods,language families of the world.	

# COURSE OUTCOME ASML – 301 (POETRY, PLAYS)

The students will learn following facts after reading this course.

- The students will have an idea on ancient poems of Assamese literature.
- A clear idea on the Ramayana & Mahabharata given in this course.
- The texture / construction etc of the old Assamese script could be learnt.
- The students will learn about modern Assamese poems and its subjects.
- The students will know about modern Assamese plays and have an idea on the Indian freedommovement of 1942.

# COURSE OUTCOME ASML – 401 (ASSAMESE PROSE, NOVELS AND SHORT STORIES)

The students will learn following facts after reading this course.

- The students will learn about ancient Assamese Prose and its styles.
- They will have an idea on the inception of Assamese plays and its subject matter.
- A clear idea on Assamese short stories and novels could be formed.
- The students will learn about the first Assamese short stories and the culture of tribal people in Assam.

# COURSE OUTCOME (ELECTIVE ASSAMESE) ASMP – 201 ( PROSE & SHORT STORIES)

The students will learn following facts after going through this course.

- They will have a clear idea on Brajawali Language of Assam.
- They will learn about ancient Assamese literature and ancient Assamese languages and its styles.
- The students will learn about the role played by lord Krishna in the Mahabharata and subsequentlyhave an idea on Geeta.
- They will learn about the contribution of Sanskrit language in modern Assamese language.
- They will learn about "Xahityar Nabarax" and about devotional literature of Assam.
- They will learn about the various stages of Assamese plays and its characteristics.
- The students will have an idea on the characteristics of Assamese short stories and its place in Assamese literature as a whole.

# COURSE OUTCOME ASMP – 101 (NOVELS & CRITICISIMS)

The following facts could be learn from this course.

- The students will know about evolution of Assamese Novels.
- The characteristics of Assamese poems, plays, Novels and its various elements. And its place in Assamese Literature.
- The students will know about the influence of Western literature in Assamese literature, its similarity and dissimilarities.
- The students will know about the similarity and dissimilarity in all subjects.

# COURSE OUTCOME ASMP – 301 (POETRY)

The students will learn following facts after going through this course.

• They will learn about the stories of the Ramayana and the Mahabharata and the societies reflected inthese two epics.

• They will learn the various prevalent rituals that were observed during the

birth of a baby andafterwards.

- They will know the influence of devotional literature on the society and the glory of "Bargeet" composed by Srimanta Sankardeva & Madhabdeva.
- An idea on romantic poems, its characteristics and about the authors of these poems, could beformed.
- The students will know about the modern poems, its characteristics and about subject matter of these poems.

# <u>COURSE OUTCOME</u> ASMP – 401 (PLAYS, CULTURE OF ASSAM)

The following facts could be learnt from this course.

- The students will learn about the Brajawali languages and the purpose for the creation of thislanguage by Srimanta Sankardeva.
- They will know about modern Assamese plays, its characteristics and its subject matters.
- They will know about cultures of each tribe of Assam and the differences among their cultures.
- They will know about the various aspects of rituals that were observed during marriage, death, birthand religious activities.
- The students will know about the anthropological features of each tribe of Assam and their assimilation in the Assamese society.

# COURSE OUTCOME ASMP – 501 (SCRIPT, HISTORY OF ASSAMESE LITERATURE)

The students will know following facts from this course.

- They will know the origin of Assamese script and its evolution.
- The students will know about the manuscript written in leaves, inscriptions etc.
- They will know about the preservation of manuscript and about the process how these materials formanuscript were collected.
- The contribution of the missionaries in Assamese literature can be learnt from this course.
- The students will know about the modern Assamese language and literature and the contributions of the various authors.

# COURSE OUTCOMEASMP – 601 (ASSAMESE LANGUAGE, HISTORY OF ASSAMESE LITERATURE)

- The students will learn about the Assamese literature since its inception and its evolution to the present stage.
- They will know the divisions of various literature on the basis of times and various happenings in Assam and its characteristics and dissimilarities.
- They will know about the Indo-European language and its impact on Indian languages particularly in Assamese language.
- They will have an idea on the evolution of Sanskrit, Pali, Pakril languages.
- They will learn about the sub-languages of Assamese language and its evolutions.
- They will realise the difference between the written language and spoken languages.
- They will know the various words that were derived from other languages.

# DEPARTMENT OF ECONOMICS (Non-CBCS) PROGRAMME SPECIFIC OUTCOMES (HONOURS)

PSO1: To enable the students to think critically the behaviour of demand and supply, prices of different commodities and consumers' ends and means, the different kinds of concepts on prevailing markets and also to learn the method of applying mathematical and statistical techniques to economic theory.

PSO2: To enable the students to understand the basic concepts of macro-economic policies including monetary and fiscal policies like investment, government budget, government expenditure, employment, consumption, international trade etc.

PSO3: To help the students to develop their innovative skills and critical thinking regarding environment and the recent trends in global and Indian economy.

# COURSE OUTCOMES OF ECONOMICS HONOURS

### ECOH 101MICROECONOMICS 1

The students will able to know about demand and supply, theory of consumer's behavior, the theory of production, theory of costs and revenue.

# ECOH 102 MACROECONOMICS 1

The students will acquire knowledge about basic concepts of Macroeconomics, national income accounting, theory of income and employment, money and prices.

# ECOH 103 MATHEMATICAL ECONOMICS 1

The students will able to learn set theory, function and relation, permutations and combinations, matrix, determinant, basic rules of differentiation and integration.

# ECOH 201 MICROECONOMICS 11

The paper will help the students to acquire knowledge about theory of market and firm organization, theory of factor pricing and welfare economics.

# ECOH 202 MACROECONOMICS 11

The students will acquire knowledge about money and banking, inflation and unemployment, trade cycles, macro economic growth models and evolution of the international economy.

# ECOH 203 MATHEMATICAL ECONOMICS 11

The students will come to know about difference equation, utility maximization, cost minimization, profit maximization, homogeneous function and input-output models.

# ECOH 301 DEVELOPMENT AND ENVIRONMENTAL ECONOMICS 1

The students will able to know about growth and development, capital formation and approaches to economic development, development strategy and models.

# ECOH 302 PUBLIC FINANCE 1

The students will learn basic concepts of public finance, public revenue and expenditure, principle of taxation, public debt, fiscal policy, government budget and public finance in India.

ECOH 303 DEVELOPMENT OF INDIAN ECONOMY SINCE INDEPENDANCE 1

The students will able to know about structure of Indian economy, structural change of it, agriculture, industry, labour, employment and poverty of India.

# ECOH 401 DEVELOPMENT AND ENVIRONMENTAL ECONOMICS 11

This paper helps students to understand about how the decisions and action change the environment and required skills about complex environmental issues. It also helps them to learn about the concept of region, regional economic policy and consistency between national and regional objectives.

#### ECOH402 INTERNATIONAL ECONOMICS

To enable the students to learn about the different theories of international trade. It also helps them to make use of the skills and tools learned in a wide range of career paths and maximise ability to make sense of some of the complex issues related to international economics.

#### ECOH403 DEVELOPMENT of INDIAN ECONOMY SINCE INDEPENDANCE11

To enable the students to learn about the issues of Indian economy. It helps them to understand the external and internal sectors, planning in India, govt. Budget and financial sector in India.

# ECOH 501 History of Economic Thought 1

It will give knowledge about economic thought of the economists of early period, classical period, German romantics and socialists and marginalists.

#### ECOH 502 Statistics for Economics1

The students will learn about data collection and presentation of it, central tendency, dispersion, correlation, regression and probability.

# ECOH 503(A) Demography 1

The students will able to know about basic concepts of demography, theories of population, demographic data and methods and demographic data source.

# ECOH 503(B) Agricultural Economics 1

The paper will help the students to know about rural economy of India, development of agriculture and land reforms in India.

## ECOH 503(C) COMPUTER AND ITS APPLICATIONS

The students will able to know about basics of computers, MS word, MS excel and data tabulation.

# ECOH 503(D) BANKING AND FINANCIAL MARKETS 1

The students will able to know about money and commercial banking, financial institutions in India and recent monetary policy of Reserve bank of India.

### ECOH 601 History of Economic Thought 11

This paper will enrich the knowledge of students about economic ideas of Keynes, economic thought of certain Great personality of India and early approaches to planning in India.

### ECOH 602 Statistics for Economics11

The students will learn about index numbers, time series analysis, sample survey, complete enumeration, sampling distribution and testing of hypothesis.

# ECOH 603(A) Demography 11

The students will able to know about the technique of analysis of rate of population, migration, construction of life table and techniques of projection of population.

### ECOH 603(B) Agricultural Economics 11

The course will help the students to know about technological change in agriculture,

agricultural finance and agricultural planning and agricultural development in India.

Eastern Karbi Anglong College Sarihajan Karbi Anglong

#### ECOH 603(C) COMPUTER AND ITS APPLICATIONS

The students will acquire knowledge about MS access, power point, analysis of data using SPSS and internet applications.

# ECOH 603(D) BANKING AND FINANCIAL MARKETS 11

The students will able to know about Cooperative and Development Banks in India, Financial market, foreign exchange market and determination of foreign exchange rate.

# DEPARTMENT OF ECONOMICS PROGRAMME SPECIFIC OUTCOMES :(PASS COURSE)

PSO1: After completion of the general degree program in Economics (pass) the students will be able to critically think the behaviour of demand and supply, prices of different commodities and consumers'ends and means and also learn different kind of concept on prevailing markets.

PSO2: Students will also be able to learn the basic concept of macroeconomic policies including monetary and fiscal policies like- investment, government expenditure, employment, consumptions, international trade, etc.

PSO3: Students can critically think about the importance of liberalization, globalization, localizationand its impact on India as well as rest of the World economy.

# COURSE OUTCOMES IN BA ECONOMICS (PASS):

- 1. 101 & 201: Micro Economics-I & II: CO1: Students understand the behaviour of demand and supply in fixing prices of different commodities in different markets. Students also become able to critical thinking on the consumers' behaviour centering round their ends and means and acquire knowledge about the different kind of markets available in the locality as well as rest of the world.
- 2. 301 & 401: Macro Economics- I & II: CO2: Able to analyse the different basic concept of macroeconomic policies including monetary and fiscal policies like- investment, government expenditure, employment, consumptions, international trade, etc.
- 3. 501 & 601: Development of Indian Economy (since Independence-I & II): CO3: Understand the Indian economy in the context of liberalization, globalization, localization, etc. and the recent trend of Indianand world economy as a whole.

# **DEPARTMENT OF EDUCATION (NON-CBCS)**

# Semester system

Program Specific Outcomes

B. A. IN EDUCATION (HONOURS)	PSO 1: To develop the awareness of education in a present social context.
	PSO 2: To encompasses different perspectives of teaching, psychology and allied aspects.
	PSO 3: To acquaint students with the preparation and implementation of teaching methodologies.
	PSO 4: To enhance the knowledge and understanding pertaining to socio-cultural aspects.
	PSO 5: To familiarize learners with different dimensions of education such as the learner, the teacher and the curriculum.

	PSO 6: To expose students to modern trends of education pertaining value education.
	PSO 7: To enlist the parameters of effective teaching and also to comprehend the aspects of teaching.
	PSO 8: To develop a reasonable knowledge in psychology. They find employment in Private and Government school as a teacher or an administrator.

# COURSE OUTCOMES

HONOURS	
EDCH -101 Theories and Ideas of	To enable students to acquaint themselves with understanding of the concept of education including scope, types, aims of education and also to develop the skills of an analysis of the components and process of education.
EDCH -102 Psychology of Human Development	To acquaint learners with the concept of growth and development, principles and factors of growth and development and also developmental aspects of infancy to adolescence period of human life.
EDCH-103 Development of Education in India	To acquaint students with critical stages of our educational history and also to develop basic understanding on important problems and role of various statutory bodies in education in post- Independence period.
EDCH – 201 Philosophy of Education	To enable students to acquire basic knowledge and understanding on meaning, nature, aims, scope, functions of philosophy, relationship between philosophy and education and also to be acquainted with Indian and Western schools of philosophy and their impact on education.
EDCH -202 Educational Psychology	To enable students to acquire basic knowledge and understanding on psychological foundation of education, to develop basic skills in psychology and their implications in education in solving educational problems.
EDCH – 203 Sociology of Education	To enlighten students at providing in-depth knowledge on education as a social process and its role on social change and other related aspects of social groups, group dynamics, social stratification, social mobility, social control, culture modernization and other alike social aspects.
EDCH – 301 Education and Society in India	To enable students to understand the nature of Indian social system and process of change in it.
EDCH – 302 Emerging Trends in Education	To enable students to have a broad understanding the important problems and emerging trends in education of Post-Independence period and also to develop a critical understanding among the learners regarding recent innovations in teaching- learning process.
EDCH – 303 Educational Technology	To enable students to understand the concept of educational technology, communication in teaching – learning process.

EDCH – 401 Curriculum Development	To enable students to acquaint with the basic concept of curriculum, curriculum development process, basic skills in curriculum design, implementation and its evaluation.
EDCH -402 Teaching Learning Methods and Pedagogy	To enable students to understand the concept of pedagogy. Relationship of pedagogy with teaching and learning, maxims of teaching, mode of classroom communication.
EDCH - 403 Measurement and Evaluation in Education	To acquaint students with basic knowledge and understanding on measurement and evaluation in education and also various kinds of tests and tools and their classroom applications.
EDCH – 501 Educational Planning Management and Administration	To enable students with basic theoretical understanding of educational planning, management administration.
EDCH -502 Guidance and Counselling in Education	To enable students to acquaint with basic concept on guidance and counselling in education.
EDCH – 503 Action Research and Statistics in Education	To equip students with basic knowledge and understanding of research in education, to use various statistics measures in analysis and interpretation of educational data
EDCH – 601 Psychological Experiments and Statistics	To acquaint students with concrete practical experiences on various psychological experiments and tests in laboratory setting and their implications in the field of education, statistical knowledge and its application in education.
EDCH – 602 Project Work and Field Study	To acquire knowledge and skill using different tests in research work.
EDCH – 603 Adult and Non – Formal Education	To enable students to understand the concept of adult and continuing education, need and significance of adult and continuing education, agencies of adult and continuing education.

# **Program Specific Outcomes**

B.A. IN EDUCATION (Pass course)	
	PSO 1: To develop the awareness of education in a present social context.
PROGRAMME SPECIFIC OUTCOMES	PSO 2: To encompasses different perspectives of teaching, psychology and allied aspects
SI ECIPIC OF LOWIS	PSO 3: To acquaint students with the preparation and implementation of teaching methodologies.
	PSO 4: To enhance the knowledge and understanding pertaining to socio- cultural aspects.
	PSO 5: To familiarize learners with different dimensions of education such as the learner, the teacher and the curriculum.

	PSO 6: To expose students to modern trends of education – pertaining value education.
	PSO 7: To enlist the parameters of effective teaching and also to comprehend the aspects of teaching.
	PSO 8: To develop a reasonable knowledge in psychology. They find employment in Private and Government school as a teacher or an administrator.
COURSE OUTCOMES	
EDCP – 101 Foundation of educational Theori Practices	To enable students to acquaint with theoretical understanding of the concept of education, scope, aims of education, concept of curriculum and teaching.
EDCP – 201 Philosophical <sup>4</sup> Foundation of Edu	To enable students to acquire basic knowledge and understanding on meaning, nature, scope, functions of philosophy, relationship between philosophy and education and also to be acquainted with Indian and Western schools of philosophy and their impact on education.
EDCP -301 Educational Psychological	To enable students to acquire basic knowledge and understanding on
EDCP -401 Sociological Found of Education	To enable students to understand the various social institutions, social dation processes, social structure and their role and influence in education.
EDCP – 501 Development of Education in India	To acquaint students with critical stages of our educational history and also to develop basic understanding on important problems and role of various statutory bodies in education in post- Independence period.
EDCP – 601 Emerging Trends i Education	To enable students to have a broad understanding the important problems and emerging trends in education of Post-Independence period and also to develop a critical understanding among the learners regarding recent innovations in teaching- learning process.

# DEPARTMENT OF ENGLISH PROGRAM SPECIFIC OUTCOME

Programme	Programme Specific outcomes
B.A. (English Honours)	PSO1: To classify a specific genre of literature and give illustration of the characteristics from literary texts and thereby explore literary works to find out the structure and its significance.
	PSO2: To understand the various components of the linguistic structures of the language.
	PSO3: To familiarize the students with the literatures from different corners of the world, either as translations of other languages in English or as New Literatures in English.

PSO4: It helps the students develop their
methodological skills and specific concepts in a literary
text in an analytical and critical way through the study
of Literary Theory and Criticism.

COURSE OUTCOMES

COURSE OUTCOMES		
COURSE (HONOURS)		
ENGH 101 Beginning to the Elizabethan Age	CO1: To enable students to have a broad understanding of the history of English Literature from Beginning to the Elizabethan Age and to acquaint them with the seminal poetic voices through the study of selected texts.	
ENGH 102 Jacobean to Augustan Age	CO1: To enable students to have a broad understanding of the history of EnglishLiterature from Jacobean to Augustan Age and to acquaint them with the seminal poetic voices through the study of selected texts.	
ENGH 103 Romantics and Victorians	CO1: To enable students to have a broad understanding of the history of English Literature from Romantics and Victorians and to acquaint them with the seminalpoetic voices through the study of selected texts.	
ENGH 201 The Elizabethan Age	CO2: To acquaint students with representative dramas and non- fictional prosewritings of the Elizabethan Age through the study of selected texts.	
ENGH 202 Jacobean to Augustan Age	CO2: To acquaint students with representative dramas and non- fictional prosewritings from Jacobean to Augustan Age through the study of selected texts.	
ENGH 203 Romantics and Victorians	CO2: To acquaint students with representative dramas and non-fictional prosewritings of the Romantics and Victorians through the study of selected texts.	
ENGH 301 Twentieth Century Literature up to 1970	CO3: To enable students to have a broad understanding of the history of EnglishLiterature of the period and to acquaint them with the seminal poetic voices through the study of selected texts.	
ENGH 302 Literary Theory and Criticism	CO3: To enable students to have a broad understanding of a few seminal critical formulations in the study of literature and to acquaint them with the figures of Speech.	
ENGH 303 American Literature	CO3: To enable students to have a broad understanding of American Literaturethrough the study of selected literary texts	
ENGH 401 Twentieth Century Literature upto 1970	CO4: To enable students to know about the representative fictional dramatic, and non-fictional prose writing of the period through the study of selected texts.	
ENGH 402 Critical Theories, Prosody & Critical Appreciation	CO4: To enable students to have a broad general understanding of a few seminal critical approaches in the study of Literature and also to acquaint them with prosodyand critical appreciation of a given poem.	
ENGH 403 American Literature	CO4: To enable students to have a broad general understanding of AmericanLiterature through the study selected literary text.	
ENGH 501 Indian Writing in English	CO5: To enable students to have a broad general understanding of Indian Writing in English through the study selected literary text.	

ENGH 502(A) New Literatures in English	CO5: To enable students to have a broad understanding of New Literatures in Englishthrough the study selected literary text.
ENGH 502(B) Literary Terminology & Critical Appreciation	To train up students in the skill of writing critical appreciation of prose/Poetic Composition and to acquaint them with literary terminologies.
ENGH 503(A) History of English Language	CO5: To familiarise students with the English Language and its Development.
ENGH 503(B) He Structure of English	To familiarize students with the phonological, morphological and syntactical systems of the English language with a view to helping them improve their language skills.
ENGH 601 Indian English Literature	CO6: To enable students to have a broad understanding of Indian Writing in Englishthrough the study of selected literary text (Fiction and Nonfiction).
ENGH 602(A) New Literature in English	CO6: To enable students to have a broad understanding of New Literatures in Englishthrough the study of selected literary text.
ENGH 602(B) Literary Essay	To initiate students to write long essays on literary topics.
ENGH 603 World Literatures in English Translation	CO6: To acquaint students with World Literatures in English Translation through the study of selected texts.

B.A. COURSE OUTCOME (PASS)

B.A. COURSE OUT	LOME (PASS)
ENGG 101 Grammar, short story& Poetry	CO1: To famililiarize the students with some of the selected areas of English Grammar which are known to cause difficulty to learners, to help them overcome some common mistakes and also to teach them the skill of appreciation of English Prose and Poetry through the study of the prescribed texts, and develop the skills of written communication.
ENGG 201 Comprehension, short story& Poetry	CO2: To acquaint the students with comprehension, short story & poetry
ENGL-301 Poetry, One Act Play(Selected pieces)	CO3: To enable students to develop the skill of appreciating English Literature through the study of selected texts.
ENGL-401 Composition, Short story & Non-fictional pros	CO4: To give knowledge to develop the skill of the students to appreciate English literature through their study of selected short stories and to learn skills of essay and précis writing.
ENGP 101 Poetry (Up to the Romantics) and Applied Language	CO1: To enable students to develop their skill to appreciate English poetry throughreading selected poems and to acquaint them with applied language skill.
ENGP 201 Poetry, Short Story	CO2: To enable students to have acquaintance with Indo- Anglian poetry and to develop their skill of appreciating English Literature through their study of selected text.
ENGP 301 Drama and Non-fictional Prose	CO3: To enable students to appreciate dramas and Non-fictional prose through thestudy of selected text.

CO4: To enable students to develop skill to appreciate fictional
narrative and appliedlanguage skills.
CO5: To enable students to appreciate 20 <sup>th</sup> century English Drama
and develop skill toappreciate non-fictional prose through study of
selected text.
CO6: To enable students to have a broad general understanding of
the major literary movements from the Romantics to the Moderns
and to develop skill of writing critical appreciation of a given poem.

# DEPARTMENT OF HISTORY (NON - CBCS) SEMESTER SYSTEM PROGRAMME SPECIFIC OUTCOMES

	B.A. in History- Honours
1 <sup>ST</sup> SEMESTER	PSO 1: To develop the concept of Environmental Studies
1 SEATESTER	PSO 2: Understand the Indian History up to 350 B.C.E
	PSO 3: Understand the state formation system of Early India
	PSO 4: Discussion of Indian History up to the eve of Medieval period.
2 <sup>ND</sup> SEMESTER	PSO 5: Focus on the History of China.
	PSO 6: Focus on the History of Japan.
3 <sup>rd</sup> SEMESTER	PSO 7: Discussion of Indian History up to from 1556-1707 PSO 8: Focus on the History India of late Medieval period.
	PSO 9: Understand the History of India on the advent of the British.
	PSO 10: Discussion on the rise of Indian nationalism.
4 <sup>th</sup> SEMESTER	PSO 11: Understand the spirit of Indian Freedom Struggle.
	PSO 12: Understand the political History of Europe of late Medieval period.
5 <sup>th</sup> SEMESTER	PSO 13: Understand the political History of Europe early modern period.
	PSO 14: Understand origin of History.

	PSO 15: Understand origin of Indian Historiography.
oth one decrees	Understand the political History of N.E. India in general and Assam in particular.
6 <sup>th</sup> SEMESTER	PSO 14: Understand the political History of N.E. India.
	PSO 15: Focus on the gender history of India.

# **COURSE OUTCOMES**

	B.A. in History- Honours
HISH-101 History of Environment	The students will also be able to explore Knowledge about Historical Interpretation related to gender, environment, technology and regions.
HISH-102 History of India From Earliest Time to 350 B.C	To enable students regarding the various stages of Human evolution in India and also to provide information about the early history of India
HISH-103 History of India: State formation of early Empire System	To understand the state formation of Early Indian empire. After the completion of this paper, the students will be able to explore and effectively use historical tools in reconstructing the remote past of ancient Indian pre and proto history. The course will also train the students to analyse the various stages of evolution of human cultures and the belief systems in the proto- history period
HISH- 201 History of India from 650 AD to 1556 AD	Political and administrative history of India Sources: Persian tarikh tradtion, foreign account. Foundation and expansion of Delhi Sultanate: Slave dynasty, Khaljis, Tughluqs, Sayyids,Lodis. Society and economy: Iqta system, monetization, market regulation, growth of urban center and Indian Ocean trade. Basic knowledge on regional polities: Bahmani, Vijayanagar, Gujarat, Malwa, Jaunpur, Assam and Bengal. Sufi silsilas and bhakti movement. Monotheistic traditions in South and North India. Women bhaktas, Nathpanthis and the Sant tradition.
	After completion of this course the student will be able to know about Babur's invasion, military technology and warfare.

HISH- 202 History of East Asia: China	<ul> <li>Upon completion of this course the student shall be able to:</li> <li>Develop an in-depth understanding of China's engagement with the challenges posed by imperialism, and the trajectories of transition from feudalism to a bourgeois/ capitalist modern-ity.</li> <li>To locate these historical transitions in light of other contemporaneous trajectories into a global modernity, especially that of Japan.</li> <li>Analyse significant historiographical shifts in Chinese history, especially with reference to the discourses of nationalism, imperialism, and communism.</li> <li>Investigate the political, economic, social and cultural disruptions caused by the breakdown of the centuries old Chinese institutions and ideas, and the recasting of tradition to meet modernist challenges.</li> <li>Comprehend the genesis and unique trajectories of the Chinese Communist Revolution.</li> <li>Locate the rise of China and Japan in the spheres of Asian and world politics respectively.</li> </ul>
HISH- 203 History of East Asia: Japan	Upon completion of this course the student shall be able to:  • Develop an in-depth understanding of China's engagement with the challenges posed by im-perialism, and the trajectories of transition from feudalism to a bourgeois/ capitalist modernity.  • To locate these historical transitions in light of other contemporaneous trajectories into a global modernity, especially that of Japan.  • Analyse significant historiographical shifts in Chinese history, especially with reference to the discourses of nationalism, imperialism, and communism.  • Investigate the political, economic, social and cultural disruptions caused by the breakdown of the centuries old Chinese institutions and ideas, and the recasting of tradition to meet modernist challenges.  • Comprehend the genesis and unique trajectories of the Chinese Communist Revolution.  • Locate the rise of China and Japan in the spheres of Asian
HISH- 301 History of India 1556-1707	and world politics respectively.  After completion of this course the student will be able to explain about political culture under Jahangir and shah jahan and their architecture and paintings etc.  This course will also enable them to know about the Mughal empire under Aurangzab and his religious policies and conquest etc.  This paper will also enhance student knowledge on regional politics 'rise of Marathas, development of trade commerce and decline of Mughal empire.  At the completion of this course, the students will be able to

analyse the circumstances and historical shifts and foundations of a variety of administrative and political setup in India between c.1556-1707. They will also be able to describe the inter relationships between the economy, culture and religious practices of the period.  This paper will also enhance students' knowledge on the decline of the Mughals and also learn how internal disunity of India offers chance to western powers to penetrate in the political scenario of India.  This paper will also enhance student knowledge on regional politics, rise of Marathas, development of trade commerce and decline of Muchal angles.
decline of Mughal empire.  After the completion of this course, the students will be able to relate the circumstances leading to the consolidation of colonial rule over India and their consequences. They will also be able to explain the orientation of the indigenous population and the masses towards resistance to the colonial exploitation. The course will also enable the students to analyse popular uprisings among the tribal, peasant and common people against the British policies. The course will also enable the students to know about the circumstances that led to the birth of Indian National Congress.  At the completion of this course, the learners will be able to analyse the course of British colonial exploitation, the social
mobilizations during the period between c.1857 to 1948 and also the techniques of Indian resistance to British policies. It will also enable the students to explain the circumstances leading to de-colonization and also the initial period of nation building in India and will also enable to know about the Indian Nationalism.
On completion of this course the student shall be able to  • Draw a broad outline of the history and politics of the early years of Independence, including the framing of the constitution and the linguistic reorganization of states.  • Examine critically issues of economic development in the early years of Independence, particularly the problems of development  • Trace the significant developments in the history of India, since 1947, including the history of the Congress party, the Naxalbari and the JP Movement, as well as political developments in the regional context.  Evaluate the history of Environmental movements in India since Independence  • Examine the formation of a 'civil society' and the emergence of popular movements in North East India  • Trace the history of Judiciary in Independent India with special focus on Public Interest Litigation
After the completion of this course the students will be able to evaluate the historical evolution and political developments

TY.	4.4. 1: E
History of Europe from 1780-1871	that occurred in Europe in the period between 1780 to 1871. They will also be also to critically analyse the evolution of social classes, nation states, evolution of capitalism and nationalist sentiment in Europe. They will also be able to relate
	to the variety of causes that dragged the world into devastating
	wars in the intervening period.  The paper analyses the French revolution, the fall of monarchy,
	the growth of capitalism and the Industrial revolution and its
	relation to colonialism.
HISH- 501	The learners will be able to enhance their knowledge on the
History of Europe from	major political developments in Europe from 1870-1945.
1871-1945	The student will know regarding the unification of Germany and Italy, Rise of imperialism and its impact.
	The course will enable the students to know about the various
	causes and consequences of world war I and world war II.
4	After this course the students will be able to explain complex
	interrelationships of structures or events in the context of
HISH- 502	broader social and cultural framework of societies through
Historiography	'public memory' and use oral history to preserve oral culture and local history The students will be able to espouse the
	relevance to the northeastern region of India with its diverse
	culture and ethnic communities whose history is largely oral.
	The students will be able to use 'Public memory' as a tool and
	a source not only to write public history but also to explore
	new knowledge in the humanities, social sciences and even in
	disciplines like architecture, communication studies, gender
	studies, English, history, philosophy, political science, religion,
HISH- 503	and sociology.  After this course the students will be able to explain different
Indian	branches of Indian historical studies. It also familiarizes the
Historiography	students to brief historiography and recent developments in
instoriography	each field and helps them to choose the field of interest and
	understand the larger context of Indian historiography.
HISH- 601	After the completion of this course the students will be able to
History of	evaluate a general outline of the history of Assam from the 13 <sup>th</sup>
North East	century to the occupation of Assam by the English East India
The state of the s	
1 -	
	medieval times.
1826	
THICHY COA	After the completion of this course the students will be able to
500 C 1000 W C 2000 C 1 C 2000 C 17	The second control of the second seco
	333333
1947	
	Understand Gender and Women's Studies as an academic field
	of study, be familiar with its major concepts, history,
India with special reference to Assam 1228-1826  HISH- 602 History of North East India 1824-	Company in the first quarter of the 19 <sup>th</sup> century. It aims to acquaint the students with the major stages of developments in the political, social and cultural history of the state during the medieval times.  After the completion of this course the students will be able to know about history of North East India and its geographical scenario.  Understand Gender and Women's Studies as an academic field

## **HISH-603**

# Gender History

epistemological and methodological diversity and character. Recognize the intersections between gender and other social and cultural identities, including, but not limited to, race, ethnicity, national origin, religion, class and sexuality.

Analyze the ways in which societal institutions and power structures impact the material realities of women's lives.

Demonstrate adequate skills in listening, speaking, and writing effectively, performing critical thinking and analysis, incorporating feminist theoretical perspectives in problem solving and research methodologies.

Evaluate and interpret information from a variety of sources including print and electronic media, film, video, and other information technologies.

Articulate connections between global, regional, and local issues, and their relationship to women's experiences and to human rights, with an awareness of the importance of context.

# DEPARTMENT OF HISTORY BA HISTORY (PASS COURSE)

#### PROGRAM SPECIFIC OUTCOMES

PSO 1: Analyse the different environmental issues.

PSO 2: Understand the Indian Culture and Civilisation ----- Ancient, Medieval and Modern.

PSO 3: In depth study of World History with special reference to Europe,

China and Japan.

PSO 4: Focus on the History of North-East India.

PSO 5: Understand the different facets of the Gender Studies of India.

### **COURSE OUTCOMES**

# • HISTORY OF ENVIRONMENT

Create awareness about various natural disasters & man-made calamities like deforestation, globalwarming, destruction of wild life.

Analyse the various movements for the protection of environment.

- HISTORY OF INDIA: ANCIENT, MEDIEVAL AND MODERN.
   Study the Social, political, religious, economic life during the different periods of Indian history. Emphasis is given on the Indian National Movement.
- HISTORY OF EUROPE (1780-1945)
   Familiarise the students with the Industrial Revolution, French Revolution and Other Revolutions the two World Wars and their Outcomes.
- <u>HISTORY OF EAST ASIA</u>: <u>CHINA AND JAPAN</u>
  Learn about Confucian ideology, Sun-Yat-Sen, Mao Tse-Tung and Cultural Revolution, Feudal Japan, Japanese militarism and Sino-Japanese War.
- HISTORIOGRAPHY
   Understand historical objectivity, concept, tradition of historical writing, Medieval historiography, Modern historiography, Ancient Indian historical tradition, General histories of Sultanate period, Mughalhistoriography, Imperialist historiography,

Nationalist historiography and Marxist historiography.

 HISTORY OF NORTH-EAST INDIA WITH SPECIAL REFERENCE TO ASSAM (1228-1947) Study the land and people of North-East India Ahoms and their struggle with the Mughals, Ahom relations with Cacharis, Jaintias, Manipur and Tripura, Burmese invasion, British rule in Assam, National Movement in Assam.

#### GENDER HISTORY OF INDIA

Create awareness about women studies, gender relations in pre-colonial and colonial India, womeneducation and women in Nationalist Movement.

# DEPARTMENT OF POLITICAL SCIENCE

B A (Honours) Political Science Programme specific outcomes-

- 1. To understand different approaches of political science and to apply this into contemporary political problems.
- 2. It will help to understand political behavior and formulate logical arguments about politicalphenomena.
- 3. Helps to understand how a political institution emerges, operates and interact with the external environments and shape their individual and collective behaviors.
- 4. To understand Indian politics and its working both internally and externally.
- 5. Understand and be able to interrelate different political theories in the context of Indian politics.

#### COURSE OUTCOME -

❖ Introduction to the political theory
This will help to understand the basic ideas about political science including origin of state, sovereignty, power, authority etc.

Theories of International relations

Discuss the main international relations theories, and the values implicit in each of these different ways of looking at the world. Students will understand and be able to critically analyze domestic and international institutions of government

Greek political thinkers

This paper will give an understanding of the Greek political traditions and an insight into the contributions of Sophists, Socrates, Plato and Aristotle.

Comparative Government and Politics

Study of this paper will give an insight into functioning of the different political systems in theworld.

Political Sociology

Study of Political Sociology will give an understanding of the interdisciplinary study between Political Science and Sociology.

Public Administration: Theories and Concepts Gives an understanding of evolution and working of public administration. It emphasize on theoretical aspects of public administration.

Government and Politics in India

This paper will create awareness on the formation and functioning of the Indian

Government.

- Freedom Movement and Politics in North East India
  Gives an understanding of the freedom movements carried out by the north East
  Indians. Its nature and growth in different parts of the region. It gives an insight
  into the reason for growth of different movements like Assam movement,
  language movement, autonomy, statehood and insurgency in the region.
- Socialist Thinkers
  Familiarize the contributions of the socialist thinker's in the contemporary world.
- Modern Political Thinkers Give an understanding of theoretical perspective of modern political thinkers like Machiavelli, Hobbes, Locke, Rousseau and J.S. Mill.

# DEPARTMENT OF POLITICAL SCIENCE BA (Pass Course) Political Science

# Programme Specific Outcomes

- 1. It will help to understand the nature and scope of political science, its relation with allied social sciences and to know about sovereignty, democracy.
- 2. The students will able to know about nationalism and state and contributions of great political thinkers towards Political Philosophy.
- 3. It will enhance the knowledge of students about major political systems and to find out the best one.
- 4. The students will able to know about the Constitution of India and Government and Politics of India.

#### Course Outcome-

❖ PLSP 101 Introduction to political theory 1

This will help to understand the basic ideas about political science including origin of state, sovereignty, power, authority, democracy etc.

- ❖ PLSP 201 Introduction to political theory 11 This paper will help to know about nationalism, spheres of state activity and contributions of great political thinkers Plato, Aristotle towards political philosophy.
- ❖ PLSP 301 Comparative Government and Politics 1
  It will help to know about comparative politics and political system of the United Kingdom and the United States of America.

PLSP 401 Comparative Government and Politics 1 It will help to know about political system of Switzerland and the People's Republic China.

❖ PLSP 501 Government and Politics in India 1

This paper will enrich the knowledge of students about Constitution of India, Fundamental Rights, Directive Principles of State Policy, Federal system, Amendment procedure of the Constitution of India.

# PLSP 601 Government and Politics in India 11

The paper will enable the students to understand the Government and politics at the centre, state and local bodies, functioning of Judiciary and to know about the party system in India.

DEPARTMENT OF SOCIOLOGY (NON -CBCS)

# Semester wise

B.A IN SOCIOLOGY (HONOURS COURSE)	
PROGRAMME OUTCOMES	The three year undergraduate program in sociology (honours) helps the students to understand the meaning, concept, aims and objectives, scope, different dimensions of sociology. It emphasizes on the theoretical aspects of sociology with different thought of social thinkers.
PROGRAMME SPECIFIC OUTCOMES	PSO1: Like other subject of humanities, sociology is a subject covering the practical and vital aspect of any society.
	PSO2: Study of sociology as discipline, enable a student to acquire a deep insight into different sociological change, the working dynamics underneath the change and its future probabilities.
	PSO3: The study helps to form a scientific attitude dispensing the narrow – boundary or orthodox way of thinking and reasoning.

# COURSE OUTCOMES HONOURS COURSE

FIRST SEMESTER		
SOC-H101 INTRODUCTION TO SOCIOLOGY	This paper enables the students to study socialaspects and its growth and development systematical as a disciplinary study.	

a) so d		s paper aims to provide knowledge out the fundamental social reality, ial processes and change in elopmental perspectives of rural numbers
SOC H 103 SOCIETY IN INDIA I  si		s paper throws light on Indian liety, basic litution and the rich heritage of Indian liture.
SECC	ND	
SEMES	STER	
insight theorem		per inspires to student to have a on cal basic concepts on sociology and to a scientific understanding of the society.
SOC-H 202 URBAN SOCIOLOGY  This distir separ dime an ur realit		nper helps to provide knowledge on ness of sociological scholarship as a
SOC-H 203 SOCIETY IN INDIA II	urban c This pa	enters and communities. per throws light on Indian society , stitution and the rich heritage of Indian
THI		
SEMESTER SOC-H 301 SOCIOLOGY OF KINSHIP, FAMILY ANDMARRIAGE		o enable students to acquaint with the asic concepts of kinship, family and narriage in the perspective of society.
SOC H302 SOCIOLOGY OF TRIBAL SOCIETY		Through this paper students will be able to learn the comprehensive profile of ribal in terms of their distribution and concentration, demographic features social structure and cultural patterns.
SOC-H303 FOUNDATION OF SOCIOLOGYCAL THOUGHT		This paper emphasizes on the theoretical spects of ociology with different thought of social hinkers.
FOU	RTH	
SEME	STER	
SOC-H 401 KINSHIP, FAMILY AND MARRIAGE ININDIA		To enable students to acquaint with the pasicconcepts of kinship, family and narriage in the perspective of society.
SOC-H 402 TRIBAL STYDIES IN INDIA		The objective of this paper is to provide acomprehensive profile of tribal n terms of their distribution and concentration, demographic features, ocial structure and cultural patterns.

SOC-H 403 DEVELOPMENT OF	This paper helps to introduce the
SOCIOLOGYCALTHOUGHT IN	learners with the concepts of the
INDIA	development of sociological thought
	through the growth of functionalism
	and conflict
	theory.
FIFTH	
SEMESTE	CR
SOC-H 501 SOCIAL RESEARCH METHOD I	Through this paper students will be able to
	learn the nature of social phenomena, the
	issues involved in social research and the
an in the state of	ways and means of understanding and
	studying social reality.
SOC-H 502 SOCIOLOGY OF NORTH EAST	This paper aims to explore and acquaint
INDIA	students about some vital issues and
	dimensions of the complex society they live
4	in. This paper help the students to
	understand the genesis of the problems of
	the region and help suggesting viable
	measures to address / redress these issues
	and problems for an all round, inclusive
	development and change in the
	north-east Indian society.
SOC-H 503 SOCIOLOGY OF DEVELOPMENT	To make aware students about the major
	conceptsand theories of development and
35	issues related to development in the
	developing countries.
SIXTH	
SEMEST	
SOC-H 601 SOCIAL RESEARCH METHOD II	This paper aims to enhance the skills of
	students to understand and use
	techniques, research design, methods of
	data collection and data analysis
	employed by social scientists to
	investigate social phenomena.
SOC-H 602 EMERGING SOCIAL CONCERN II	The course is designed to identify and
INDIA	analysesemerging social issues and
	problem from sociological
	perspective.
SOC H 603 SOCIOLOGY OF	This paper helps in understanding the
COMMUNICATION AND	issuespertaining to communication,
DEVELOPMENT	media and its role in social life and
	development.

# TDC PASS COURSE (NON-CBCS)

PROGRAMME SPECIFIC OUTCOMES

1. To develop awareness among students about the problems of society.

2. To present a comprehensive, integrated and empirically based profile of Indian society.

3. To familiarize the students social, political, economic and intellectual contexts in which sociology emerges as a distinctive discipline.

# **COURSE OUTCOME**

Name of Paper	Course Outcome
Introduction to Sociology SOCP 101	The course intends to acquaint student to investigate and understand sociology not merely a social science discipline but a distinctive branch of knowledge. Main objective of the course is developing awareness among students who in turn may to address to problems arising in and out of society.
Sociological Concepts SOCP 201	Objectives of the course are to acquaint students with preliminary idea on and about concept and subsequent use of concepts with differences.  The course highlights how concepts can retain their nature vis-à-vis change operational definition over time.
Society in India-1 SOCP 301	The course aims at clarifying misconceptions about Indian society by presenting a comprehensive, integrated and empirically based profile of Indian society.  Continuity between present and past is an evident feature of Indian society. Though continuity is reflected in structure of the course, focus is on contemporary Indian society. It is hoped sociological perspective on Indian society presented in this course will enable student to gain better understanding of their own situation and region.
Society in India-2 SOCP 401	The course aims to present a comprehensive, integrated and empirically based profile of Indian society by emphasizing on continuity between present and past of Indian society. The sociological perspective on Indian society may enable student to gain understanding of their own situation and region and the future development.
Foundation of Sociological Thought SOCP 501	The course intends to familiarize students with social, political, economic and intellectual contexts in which sociology emerges as a distinctive discipline. Its objective is to help students gaining understanding of classical contributions in sociology, and their continuing relevance to its contemporary concerns.
Development of Sociological Thought in India	The course intends to familiarize students with social, political, economic and intellectual contexts in which sociology emerges as a

SOCP 601	distinctive discipline. Its objective is to help students gaining understanding of classical
	contributions in sociology, and their continuing
	relevance to its contemporary concerns.

# FIFTH SEMESTER FOUNDATION COURSE IN ENVIRONMENTAL STUDIES

#### FCES COURSE No. 501

Programme Specific Specific Outcomes

The foundation Course in environmental Studies enables the students to know

- 1. Earth and its environment, Ecology and Environmental Pollution.
- 2. The students come to know about Environment Conservation and Management.
- 3. It creates awareness among the students about environment Problem.

### **COURSE OUTCOMES**

# FCES COURSE No. 501

1. The students will able to acquire knowledge about the Earth and its Environment, Ecology, environmental pollution and important environment issues.

# FCES COURSE No. 502

2. The students will able to know about pollution and its impact on health, environmental conservation and management, sustainable development and the course will create awareness among the students about environmental problems.

# CHOICE BASED CREDIT SYSTEM (CBCS)

DEPARTMENT OF ASSAMESE

PROGRAMME SPECIFIC OUTCOMES

The students doing B.A. course in Assamese are expected to acquire a basic knowledge about the historyof literature, caste and creed, culture and linguistic encounters. It is categories into many forms like fiction, non-fiction, poetry, prose, novel, short story, drama etc. It is considered to be an art form whichpossesses intellectual value.

At the end this course induces an urge amongst the students to find out logic behind every aspect of life. Students become strong enough to raise question about the unseen eventually broadeningthe horizon of mind.

# **COURSE OUTCOMES**

CORE COURSE (HONOURS)	
ASMH 101T History of Assamese Literature (Ancient toMedieval period)	CO1: The idea of evolution and development is given with respect to time. Through this course student will acquire the knowledge of ancient and medieval period of Assamese literature.
ASMH 102T History of Assamese Language and Script	CO1: Gaining knowledge on families of the languages of the world. The students will gain knowledge about the development of Assamese language and script.
GEH-101 Art and Literature	CO1: To gain knowledge about art and literature.
AECC – 1T MIL Communication	CO1: The main focus of this course is to use of Assamese language and implement of thelanguage.
ASMH 201T History of Assamese Literature (Modern toContemporary period)	CO2: With the Treaty of Yandaboo 1826 there was a entry of western educational civilisation in Assam. The contribution of the newspaper Arunodoi, Junaki etc to the Assamese literature.
ASMH 202T  Language Varieties and Assamese  Language	CO2: To acquire the knowledge on the languagevarieties and their characteristics. To know the dialect of Assamese language and words that were derived from other languages and also a grammar of Assamese language.
GEH 201 Science Fiction and Fantasy	CO2: To acquire knowledge about science fiction and fantasy and the history of Assamese science fiction and fantacy.

ASMH 301T	CO3: Apart from gaining knowledge students could
Cultural Behaviour of the Assamese	understand our cultural roots and heritage, unity among
	diversity etc. Field study on specific places, tribes, festivals,
	custom, folk performing
	art, folk literature and language.
ASMH 302T	CO3: By functional grammar of Assamese language one can
Functional Grammar of Assamese	know deeply about morphology of Assamese language word
	formation, idioms and phrases, clause etc.
ASMH 303T	CO3: It also gives knowledge of literary
Literary Criticism: East and West	criticism.
SECH 301T	CO3: In this paper the students will get general knowledge
Language and its use in Computer	related to computer and internet and also to make them
	interested to use of Assamese language in computer.
GEH 301	CO3: To give the idea of Lexicography, Dictionary and Encyclopedia.
Lexicography: Dictionary ad	Encyclopedia.
Encyclopedia	
ASMH 401T	CO4: Give thorough knowledge of general linguistic, different form of language, languagefamilies of the world
Introduction to the Linguistics	etc.
ASMH 402T	CO4: Students can develop their knowledge, understanding
Selected Texts: Poetry and Plays	skill, feel the essence of creative writing, develop their own
	writing. To gain knowledge about old as well as modern
	Assamese poetry, plays, dramas and their
	significance in literary arena.
ASMH 403T	CO4: Through this course the students will know about
Literary Movements and Assamese Literature	literary movements and Assamese literature.
SECH 401T	CO4: Students can take translation as profession,
Art of Translation/Practical Translation	feeling attachment with the whole world.
GEH 401	CO4: To give knowledge of Computer and internet and to
Language and its use in Computer	create interest of the students' use of Assamese language in computer.
ASMH 501T	CO5: Give knowledge of folk literature. It will help to
Folk and performing Art	improve the student's creativity throughproject work.
ASMH 502T	CO5: To acquire in-depth understanding and critical
Selected Texts: Novels and Short Stories	analysis of various novels and short stories. It exposes the students to the different form of Assamese literature in particularly and Indian literature in general e.g., novel, short story etc.

DSEH 501	CO5: To acquire knowledge about literature and literary
Literary Terms	terms.
DSEH 501T	CO5: By studying this paper a student will come to know
Study of an important author	about the significant contribution, ideology of Srimanta
	Sankardev towards bringing significant changes in the
	society.
DSEH 502T	CO5: The modern Indian languages are evolved from the
Pali-Prakrit-Apabhramsa Language,	Indo Aryan language family and middleIndo Aryan language
Literatureand Grammar	family. This evolution spanned several centuries and has
	been reflected in the form of literary expressions. Through
	this curriculum students get the knowledge of linguistic
4	developments and growth of modern Indian languages, its
	phases of change and grammatical context and forms.
ASMH 601T	CO6: Through the study of this paper, Madhab Kandali's
Study of an Important Text	"Saptakando Ramayana" the students would get an insight
	into the great heritage of society and culture, the depth of
	history, administrative practices etc. of the period. Besides
	the natural resources of the then periods and the writer's
	sense of human values are also highlighted in the paper.
ASMH 602T	CO6: This course is prepared to give the idea of comparative
Comparative Indian Literature	Indian literature.
DSEH 601T	The modern Indian languages are evolved from the Indo
Pali-Prakrit-Apabhramsa Language	Aryan language family and middle Indo Aryan language
And Literature	family. This evolution spanned several centuries and has
	been reflected in the form of literary expressions. Through
	this curriculum students get the knowledge of linguistic
	developments and growth of modern Indian languages, its
	phases of change and grammatical context and forms.
DSEH 602D	CO6: Under the guidance of departmental teacher student
Field Study/Dissertation	has to take either a particular community or language,
	literature, culture, festival etc. and to prepare a minor
	research paper of about 4000-5000 words.

# B. A. ASSAMESE (PASS COURSE) PROGRAMME SPECIFIC OUTCOMES

In order to have a knowledge on a language, one has to know the origin of it, how it evolves and its journey from birth to the present stage. The students will get a detail idea on Assamese language, its development and evolution, Assamese literature, Assamese poetry, Novels, Phase etc. from this syllabus.

The students will know the various texture of Assamese language how it came into existence, factors behind its evolution, differences between other Indian languages, similarities with other Indian languages, influences on Assamese language by other Indian languages as well as Western languages etc. everything is covered in the syllabus.

The growth of Assamese literature, its evolution, its contributions etc. are also included in the syllabus. The syllabus focuses on the various Assamese cultures, written language, spoken languages etc., its regional languages. After all it is a complete syllabus with which a student can have a knowledge of Assamese language, literature, culture etc.

#### Core course

DSCP - 101: History of Assamese language and script: Axomiya Bhasha aru Lipir Etihash

COURSE OUTCOME: DSCP-101

The students will know following facts from this course.

- They will know the origin of Assamese script and its evolution.
- The students will know about the manuscript written in

leaves, inscriptions etc.

AECC-1 MIL Communication-1 COURSE OUTCOME: AECC-1

The main focus of this course is to use of Assamese language and implement of the language.

DSCP-201: History of Assamese Literature (Early to Post-War Era)

COURSE OUTCOME: DSCP-201

The students will learn following facts after reading this course.

- The students will have an idea on ancient poems of Assamese literature.
- A clear idea on the Ramayana & Mahabharata given in this course.
- They will know the divisions of various literature on the basis of times and various happenings in Assam and its characteristics and dissimilarities.

# DSCP-301: ASSAMESE POETRY AND DRAMMA COURSE OUTCOME: DSCP - 301

- They will learn about the stories of the Ramayana and the Mahabharata and the societies reflected inthese two epics.
- An idea on romantic poems, its characteristics and about the authors of these poems, could beformed.

SECP-301: LANGUAGE IN ADVERTISEMENT COURSE OUTCOME: SECP-301

• To give knowledge about advertisement, advertisement institution and language in advertisement.

MIL:ASML - 301::ASSAMESE DRAMA, SHORT STORIES AND NOVEL

COURSE OUTCOME: ASML - 301

- The students will learn about the Brajawali languages and the purpose for the creation of thislanguage by Srimanta Sankardeva.
- They will know about modern Assamese plays, its characteristics and its subject matters.
- They will know about cultures of each tribe of Assam and the differences among their cultures.

DSCP-401: ASSAMESE CULTURE, SHORT STORIES AND NOVEL COURSE OUTCOME: DSCP-401

• The Students will able to know about Assamese culture, short stories and novels.

SECP-401: LANGUAGE OF PRINTING AND PUBLISHING COURSE OUTCOME: SECP: 401

• To give the knowledge of language printing and publishing.

ASML-401: ASSAMESE POETRY AND FRICTIONAL KNOWLEDGE OF ASSAMESE LANGUAGE

COURSE OUTCOME: ASML-401

• They will learn about the Assamese poetry and functional knowledge about Assamese language.

#### DSCP-501: AUTOBIOGRAPHY

COURSE OUTCOME: ASML - 501

- Autobiography is a important thing to read every human being.
- Autobiography control our life and always take care ups and down in every human being.
- Students also inspire to write autobiography.

SEC-501: LANGUAGE OF SPEECH (PREPARATION OF SPEECH)

COURSE OUTCOME: SEC - 501

• To acquire knowledge about importance of speech, preparation and presentation of speech.

GECP-501: ESSAY WRITING COURSE OUTCOME: GECP - 501

To acquire knowledge about essay writing.

DSECP-601: CHILDREN'S LITERATURE COURSE OUTCOME: DSECP - 601

• To give knowledge about children's literature so that it increase creativity of the students.

SECP-601: DIALOGUE WRITING FOR PLAYS AND FILM

# COURSE OUTCOME: SECP - 601

• To give knowledge and training about dialogue writing for plays and film.

# GECP-601:EDITING AND COMPILING

COURSE OUTCOME: GECP - 601

• To give knowledge about editing and compiling.

CBCS
Programme Specific Outcomes
(Department of Economics)

Programme	
BA Economics (Honours)	PSO1: To enable the students to think critically the behaviour of demand and supply, prices of different commodities and consumers' ends and means, the different kinds of concepts on prevailing markets and also to learn the method of applying mathematical and statistical techniques to economic theory. PSO2: To enable the students to understand the basic concepts of macroeconomic policies including monetary and fiscal policies like investment, government budget, government expenditure, employment, consumption, international trade etc. PSO3: To help the students to develop their innovative skills and critical thinking regarding localization, globalization and privatization etc. and the recent trends in global and Indian economy.

# **Course Outcomes**

Co	ourse (Honours)		Outcome
In	COH 101 troductory licroeconomics		To enable the students to have a broad understanding of the basic principles of microeconomic theory and also to learn them to apply microeconomic concepts to analyze real-life situations.
M M	COH 102 (athematical (ethods f conomics-II	for	To enable the students to learn the method of applying mathematical techniques to economic theory.
In	COH 201 troductory acroeconomics		To enable the students to have a broad understanding of the basic concepts of macroeconomic theory
M M	COH 202 fathematical fethods f conomics-II	for	To enable the students to learn the method of applying mathematical technique to economic theory. To enable the students to apply the techniques of differential equations, linear algebra, optimization and input-output analysis in economic theory.

FOOLICAT	
ECOH 301	To enable the students to have a broad understanding of
Intermediate	consumer and producer behaviour and also to learn the
Microeconomics-I	behaviour of competitive firm.
ECOH 302	To enable the students to have a broad understanding of
Intermediate	various alternative theories of output and employment
Macroeconomics-I	determination in a closed economy in short-run and long-run
	It also enables them to have a better understanding of various
	theoretical issues related to an open economy.
ECOH 303	To enable the students to apply the methods of statistical
Statistical Methods	techniques to solve the problems in economic theory. They
for Economics	will learn measures of central tendency, probability and
	methods of sampling
ECOH 401	To enable the students to apply the techniques of
Intermediate	mathematical tools and reasoning in general equilibrium,
Microeconomics-II	welfare and imperfect markets
	T
ECOH 402	To enable the students to have a broad understanding of long
Intermediate	run dynamic issues like growth and technical progress. It also
Macroeconomics-II	enables them to have a better understanding of micro-
	foundations to the various aggregative concepts.
ECOH 403	To enable the students to learn the econometric concepts and
Introductory	techniques. It enables them to learn the statistical concepts of
Econometrics	hypothesis testing, estimation and diagnostic testing of
	simple and multiple regression models.
ECOH 501	To enable the students to know the development of Indian
Indian Economy-I	000000000000000000000000000000000000000
	independence period. It also helps them to analyze critically
	about the current issues of Indian economy.
ECOH 502	To enable the students to learn the different concepts and
Development	theories of development and the evolution of the term
Economics-I	'development'.
	de rotophient ;
ECODSE 501	To enable the students to learn the functioning of monetary
Money and Financial	and financial sectors of the economy. They also learn
Markets	different reforms regarding financial and banking sector.
	different reforms regarding financial and banking sector.
ECODSE 502	This paper helps the students to learn about the nature of
Public Economics	government intervention and its implication for allocation,
	distribution and stabilization.
ECOH 601	
Indian Economy-II	To enable the students to know the fiscal policy, agricultural development, industrial development, and development of
	development, industrial development and development of
	social sector and service sector during the post independence
	period. It also helps them to analyze critically about the current issues of Indian economy.
ECOH 602	To enable the students to loom the disc.
Development	To enable the students to learn the different concepts and
Economics-II	theories of development and regional economics.
250,1011105 11	
ECODSE 601	To enable the ctudents to learn the series of the series o
	To enable the students to learn the social change, capitalism

ne economics of finance. It
CAPM, and the Binomial
the different theories of
monetary system, financial
the different theories of
ables the students to know
elopment during the period
the different causes of
o helps the students to
ons and actions change the
ed skills about complex
and sur complex

# CBCS (Pass Course) Programme Specific Outcomes (Department of Economics)

Programme	
BA Economics (Pass Course)	PSO1: To enable the students to think critically the behaviour of demand and supply, prices of different commodities and consumers' ends and means, the different kinds of concepts on prevailing markets.  PSO2: To enable the students to understand the basic concepts of macroeconomic policies including monetary and fiscal policies like investment, government budget, government expenditure, employment, consumption, international trade etc.  PSO3: To help the students to develop their innovative skills and critical thinking regarding environment and the recent trends in global and Indian economy.

**Course Outcomes** 

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Course (Pass Course)	Outcome	
ECODSE&GE101 Principles of Microeconomics-1	To enable the students to have a broad understanding of the basic principles of microeconomic theory and also to learn them to apply microeconomic concepts to analyze real-life situations.	

Las ern Karbi Anglong college Sarihajan, Karbi Anglong

To enable the students to have a broad understanding of the basic concepts of microeconomic theories like monopoly, imperfect competition, markets and market failure, income distribution and factor pricing.
To enable the students to have a broad understanding of various alternative theories of national income accounting, determination of GDP and money.
To enable the students to have a broad understanding of IS-LM Analysis, GDP and Price level in short and long run, inflation, unemployment, BOP and international trade.
To enable the students to know the major trends in aggregate economic indicators in India. It also helps them to analyze critically about the issues in growth, population, employment, development and sustainability of Indian economy.
To enable the students to learn the functioning of monetary and financial sectors of the economy. They also learn central banking and monetary policy, financial innovations, different reforms regarding banking sector.
To enable the students to learn the different causes of environmental problems like global warming, ozone depletion. It also helps the students to understand about how the decisions and actions change the environment as well as required skills about complex environmental issues.
This paper helps the students to learn about the nature of government intervention and its implication for allocation, distribution and stabilization. It helps the students to learn about principles of taxation, public debt, public revenue and expenditure and govt. Budget.
To enable the students to learn the key aspects of Indian economic development during the second half of the British colonial rule.
To enable the students to know the agricultural development, industrial development and foreign trade during the post independence period. It also helps them to analyze critically about the current issues of Indian economy.

SEC SEC 301(Data Analysis): This paper enables the students to learn about the collection

and presentation of data. They will be able to learn how data can be summarized and analysed for drawing statistical inferences.

SEC 401 (Understanding the Economic Survey and Union Budget): To enable the students to learn the basic concepts related to contemporary economic issues. It also helps the students to know about fiscal policy, government expenditure, and sources of govt. Revenue, deficits and union budget.

SEC501 (Entrepreneurship and Small Business Development): To enable the students to learn about the concept of entrepreneurship, different issues related to entrepreneurship and small business development.

SEC 601 (Insurance, Market and its product): To enable the students to learn about basics needed to operate in the insurance market in India. It also helps the students to know about enterprise risk management, financial risk management and strategic policies to mitigate risk.

## DEPARTMENT OF EDUCATION (CBCS)

Semester wise

The three years undergraduate program in Education (Honours) helps the students to understand the meaning, concept, aims and objectives, scope, functions, role of education, different dimensions of education and theoretical principles in education. It also introduce the meaning and different perspectives of Philosophical, Sociological, Psychological, Technological Foundations of education. The course help the students to work effectively in diverse field of teaching-learning process and also helps in applying various teaching-learning aids in classroom situation.  PSO 1: To develop the awareness of education in a present social context.  PSO 2: To encompasses different perspectives of teaching, psychology and allied aspects.  PSO 3: To acquaint students with the preparation and implementation of teaching methodologies.  PSO 4: To enhance the knowledge and understanding pertaining to socio-cultural aspects.  PSO 5: To familiarize learners with different dimensions of education such as the learner, the teacher and the curriculum.  PSO 6:To expose students to modern trends of education – pertaining value education.	B. A. IN EDUCATION	
helps the students to understand the meaning, concept, aims and objectives, scope, functions, role of education, different dimensions of education and theoretical principles in education. It also introduce the meaning and different perspectives of Philosophical, Sociological, Psychological, Technological Foundations of education. The course help the students to work effectively in diverse field of teaching-learning process and also helps in applying various teaching-learning aids in classroom situation.  PSO 1: To develop the awareness of education in a present social context.  PSO 2: To encompasses different perspectives of teaching, psychology and allied aspects.  PSO 3: To acquaint students with the preparation and implementation of teaching methodologies.  PSO 4: To enhance the knowledge and understanding pertaining to socio-cultural aspects.  PSO 5: To familiarize learners with different dimensions of education such as the learner, the teacher and the curriculum.  PSO 6:To expose students to modern trends of education — pertaining value education.	(Core course)	
PSO 2: To encompasses different perspectives of teaching, psychology and allied aspects.  PSO 3: To acquaint students with the preparation and implementation of teaching methodologies.  PSO 4: To enhance the knowledge and understanding pertaining to socio-cultural aspects.  PSO 5: To familiarize learners with different dimensions of education such as the learner, the teacher and the curriculum.  PSO 6:To expose students to modern trends of education – pertaining value education.	Program Outcomes	helps the students to understand the meaning, concept, aims and objectives, scope, functions, role of education, different dimensions of education and theoretical principles in education. It also introduce the meaning and different perspectives of Philosophical, Sociological, Psychological, Technological Foundations of education. The course help the students to work effectively in diverse field of teaching-learning process and also helps in applying various teaching-learning aids in classroom
Program Specific Outcomes  Description  Desc		PSO 2: To encompasses different perspectives of teaching, psychology and allied aspects.  PSO 3: To acquaint students with the preparation and implementation of teaching methodologies.
education such as the learner, the teacher and the curriculum.  PSO 6:To expose students to modern trends of education – pertaining value education.	The state of the s	to socio-cultural aspects.
pertaining value education.		education such as the learner, the teacher and the curriculum.
		pertaining value education.  PSO 7:To enlist the parameters of effective teaching and also to

#### **COURSE OUTCOMES**

CORE COURSES	
EDCHCC -101 Principles and Practices of Education	To gain scientific knowledge about principles and theories of education, including concept, nature, scope, different aims of education and also to familiarize learners with different dimensions of curriculum and teaching, discipline, freedom along with latest trends.
EDCHCC -102 Psychological Development of the Learner	To acquaint learners with the concept of growth and development principles and factors of growth and development and also developmental aspects from infancy to adolescence period o human life.
EDCHCC – 201 Educational Psychology	To enable students to have a broad knowledge and understanding on psychological foundation of education and also to learn about psychology, educational psychology, to realize the relationship between education and psychology with its allied aspects as memory, forgetting, interest attention, instinct, emotion, learning, motivation personality, adjustment, intelligence and creativity.
EDCHCC – 202 Philosophy of Education	To enable students to acquire basic knowledge and understanding on meaning, nature, aims, scope, functions of philosophy, role of educational philosophy, relationship between philosophy and education and also to be acquainted with Indian and Western schools of philosophy and their impact on education along with the educational thoughts of Indian philosophers and western philosophers.
EDCHCC -301 Sociology of Education	To enlighten students at providing in – depth knowledge on education as a social process and its role on social change and other related aspects of social groups, group dynamics, social stratification, social mobility, social control, leadership, culture, modernization, westernization and other alike social aspects.
EDCHCC – 302 Educational Technology	To enable students to understand the meaning, scope, importance and approaches of educational technology, the role of communication technology in classroom, open and distance mode of learning, to use in innovative teaching strategies of educational technology in teaching – learning process and also enable students to understand about application of information and communication technology in different fields of education.
EDCHCC – 303 Educational Management	To enable students to have a broad understanding of educational planning management and administration, institutional planning, educational supervision along with educational finance and administrative machinery both at central and state level with special reference to Assam.
EDCHCC – 401 History and Contemporary System of Education in India	To enable students to acquaint with the salient features of education in India in Ancient and Medieval era, development of education in British India, significant development and reforms of education in Independent India along with the various stages of education prevalent in India as well as policies and programmes undertaken by various controlling authorities in order to ensure quality in education

EDCHCC -402  Measurement and  Evaluation in Education	To enable students to have a broad understanding of the concept of measurement and evaluation in education through different types of tests construction as intelligence, personality, achievement, aptitude, interest and also acquainted with different evaluation procedures and examination reforms.
EDCHCC – 403 Curriculum Development	To enable students to acquaint with the basic concept of curriculum, curriculum development process, foundations of curriculum, curriculum planning at different levels along with basic skills in curriculum design, implementation and its construction.
EDCHCC – 501 Elements of Research and Statistics in Education	To equip students with basic knowledge and understanding of research in education, to use various statistics measures in analysis and interpretation of educational data and also to enable students to understand the basic concept of statistics including different statistical of procedures used in educational field.
EDCHH – 502 Guidance and Counselling	To provide knowledge about the meaning, scope, importance of guidance and counselling, various tools and techniques required for providing guidance and counseling along with different types of guidance programmes and their organization and also various approaches of counseling teccniques.
EDCHH -601 Environmental Education	To make aware students about the environment, ecosystem and sustainable development, concept, scope and importance of environmental education and education for sustainable development, role of education for protecting environment.
EDCHCC -602 Psychological Practical and Project Work	Through this paper students will be able to learn different types of psychological experiments and tests and their implications in the field of education. It also help to acquire knowledge and skill using different tests in research work and also acquire practical knowledge on the investigation of any problem studied through field work.
EDCDSE – 501 Teaching – Learning Methods and Pedagogy	To enable students to understand the concept of pedagogy and its implementation in classroom, to understand the concept of teaching and also to develop appositive attitude towards teaching effectiveness and managing the classroom by applying various methods, techniques and devices of teaching.
EDCDSE – 502 Trends and Issues in Education	To provide adequate knowledge of the emerging issues and trends in education related to issues and problems of adult education, life long learning, vocationalisation of education, women education, population education, life skill education, inclusive education, globalisation, value education, peace education and human rights education.
EDCDSE – 601 Comparative Education	To enable students to know the meaning, nature, scope, need of comparative education along with to understand the comparative educational systems of the nations – India, USA, UK and Russia.
EDCDSE – 602 Teacher Education	To acquaint students with the concept, aims, scope and development of teacher education and also acquaint with the different policies, practices and quality assurance in teacher education along with the needs and importance of in-service and pre-service training programmes and to familiarize with different organizations involved in teacher education in India.



## Program specific outcomes

PSO 1: To develop the awareness of education in a present social

B.A. IN EDUCATION

(General)

(General)	Context.
	PSO 2: To encompasses different perspectives of teaching, psychology and allied aspects.
	PSO 3: To acquaint students with the preparation and implementation of teaching methodologies.
	PSO 4: To enhance the knowledge and understanding pertaining to socio-cultural aspects.
	PSO 5: To familiarize learners with different dimensions of education such as the learner, the teacher and the curriculum.
4	PSO 6:To expose students to modern trends of education – pertaining value education.
	PSO 7:To enlist the parameters of effective teaching and also to comprehend the aspects of teaching.
	PSO 8: To help in professional course of study through B.ED, M.ED.
,	PSO 9: To develop a reasonable knowledge in psychology. They find employment in Private and Government school as a teacher or an administrator.
	Course outcome
EDCDSC /EDCGE -1(10) EDCGE -(*501) Principles of Education	To gain scientific knowledge about principles and theories of education, including concept, nature, scope, different aims of education and also to familiarize learners with different dimensions of curriculum and teaching, discipline, freedom along with latest trends.
EDCDSC/EDCGE -2 (201 EDCGE –( 601 ) Foundation of Educational Psychology	and also to learn about psychology advectional
EDCDSC/EDCGE -3 (301 Theories and Ideas of Philosophy in Education	philosophy, role of educational philosophy, relationship between philosophy and education and also to be acquainted with Indian and Western schools of philosophy and their impact on education along with the educational thoughts of Indian philosophers and western philosophers.
EDCDSC/EDCGE -4 (401 Education and society	To enlighten students at providing in – depth knowledge on

EDCDSE – 501 History and Contemporary System of Education in India	To enable students to acquaint with the salient features of education in India in Ancient and Medieval era, development of education in British India, significant development and reforms of education in Independent India along with the various stages of education prevalent in India as well as policies and programmes undertaken by various controlling authorities in order to ensure quality in education
EDCDSE – 601 Trends and Issues in Education	To provide adequate knowledge of the emerging issues and trends in education related to issues and problems of adult education, life long learning, vocationalisation of education, women education, population education, life skill education, inclusive education, globalisation, value education, peace education and human rights education.
Skill Enhancement Course EDCSEC- 1 (301) Yoga and Life Skill Education	This paper helps to introduce the learners with the concept of holistic health, need and importance of physical education, philosophical bases of yoga, types of yoga and their importance in health and life and also help in acquiring and internalizing various life skills. This paper also motivates the learners to participate in yogic exercise and imbibe art of living skill.
EDCSEC – 2 (401) Application of ICT in Education	This paper helps to integrate ICT into teaching, learning, administration and evaluation, to develop information management, communication and collaborative skills.
EDCSEC -3 (501) Application of Teaching – Learning Skill in Classroom	This paper helps in understanding the concept, nature and various skills of teaching – learning process.
EDCSEC -4 (601) Leadership and Organisational Skill	This paper helps in understanding the concept, nature and various skills of leadership and also to develop leadership and group behavior among the learner.

### **DEPARTMENT OF ENGLISH**

#### PROGRAM SPECIFIC OUTCOMES

Programme	
B.A. ENGLISH HONOURS	PSO1: To classify a specific genre of literature and give illustration of the characteristics from literary texts and thereby explore literary works to find out thestructure and its significance.  PSO2: To understand the various components of the linguistic structures of the language PSO3: To familiarize the students with the literatures from different corners of the world either as translations of other languages in English or as New Literatures in English. PSO4: It helps the students develop their methodological skills and specific concepts in a literary text in an analytical and critical way through the study of Literary Theory Criticism.

CORE COURSES	
ENG-C-1:British Poetry and Drama:14 <sup>th</sup> to 17 <sup>th</sup> Centuries	To enable students to have a broad understanding of the history of English Literature from 14 <sup>th</sup> to 17 <sup>th</sup> Century and to acquaint them with the seminal poetic voices and the drama of the said period through the study of selected texts.
ENG-C-2:Indian Writing in English	To enable students to have a broad general understanding of Indian Writing in English through the study selected literary text.

ENG-C-3: British	To enable students to have a broad understanding of the history of English
Poetry and Drama:	Literature from 17 <sup>th</sup> &18 <sup>th</sup> Centuries and to acquaint them with the seminal
17 <sup>th</sup> &18th Centuries	poetic voices and the drama of the said period through the study of selected texts.
ENG-C-4:American Literature	To enable students to have a broad understanding of American Literature through thestudy of selected literary texts
ENG-C-5:British Literature:18 <sup>th</sup> Century	To acquaint students with representative poems, dramas and fictional prose writingsfrom 18 <sup>th</sup> Century through the study of selected texts.
ENG-C-6:European Classical Literature	To enable students to have a broad understanding of the classical texts of European
	literature and to acquaint them with the seminal poetic voices and the drama of the classical period through the study of selected texts.
ENG-C-7:Women's Writing	To enable students to have a broad understanding of the female psyche through studyof texts written by women writers.
ENG-C-8:British Romantic Literature	To acquaint students with representative poems and fictional prose writings of theRomantic age through the study of selected texts.
	COURSE OUTCOMES

ENG-C-9: British Literature:19 <sup>th</sup> Century	To enable students to have a broad understanding of the history of English Literature from 19 <sup>th</sup> Century and to acquaint them with the seminal poetic voices through the study of selected texts.
ENG-C-10:Indian Classical Literature	To enable students to have a broad understanding of the classical texts of Indian literature and to acquaint them with the seminal poetic voices and the drama as wellas fictional prose of the classical period through the study of selected texts.
ENG-C-11: British Literature: The Early 20 <sup>th</sup> Century	To enable students to have a broad understanding of the history of English Literature of the period and to acquaint them with the seminal poetic voices through the study of selected texts.
ENG-C-12:Modern European Drama	To enable students to have a broad understanding of modern drama and its techniquesthrough the study of selected literary texts
ENG-C-13:Post Colonial Literature	To enable students to have a broad general understanding of Postcolonial Literaturethrough the study selected literary text.
ENG-C-14:Popular Literature	To enable students to have a broad understanding of Popular Literatures in Englishthrough the study selected literary text.

## PROGRAM SPECIFIC OUTCOMES

Programme	
	PSO1: To classify a specific genre of literature and give illustration of the characteristics from literarytexts and thereby explore literary works to find out the structure and its significance.
B.A. in	PSO2: To understand the various components of the linguistic structures of
	the language.PSO3: To familiarize the students with the literatures from
ENGLISH	different corners of the world, either as translations of other languages in
	English or as New Literatures in English.
	PSO4: It helps the students develop their methodological skills and specific concepts in a literary text in an analytical and critical way through the study of Literary Theory and Criticism.
	PSO5: To familiarize the students with some of the selected areas of English Grammar which are known to cause difficulty to learners, to help them overcome some common mistakes and also to teach them the skill of appreciation of English Prose and Poetry through the study of the prescribed texts, and develop the skills of written & Spoken communication.
	PSO6: To familiarise students with some skill enhancement courses of the art and craft o creative writing To teach them the soft skills of teamwork, adaptability and leadership. To familiarise them with businessCommunication and technical writing.

COURSE OUTCOMES

	COURSE OUTCOMES
AECC-1: English Communication	To introduce students to the theory, fundamentals and tools of communication and to help them develop vital communication skills that would be integral to personal, social and professional interactions.
ENGL	To familiarize the students with some of the selected areas of English Grammar which are known to cause difficulty to learners, to help them overcome some common mistakes and also to teach them the skill of appreciation of English Prose and Poetry through the study of the prescribed texts, and develop the skills of written communication.
DSC-1/GE-1(101)GE- (501)British Literature1(The Elizabethan Period to the Eighteenth Century	To enable students to have a broad understanding of the history of English Literature and to acquaint them with the seminal poetic voices through the study of selected texts.
DSC-2/GE-(201)GE-(601) British Literature II (the Romantics and the Victorians	To acquaint students with representative dramas and fictional, non-fictional prosewritings through the study of selected texts
DSC-3/GE- (301)British Literature111(The TwentiethCentury)	To acquaint students with history of the British literature in the twentieth century, drama and selected poems.
DSC-4/GE-401(Indian English Literature)	To enable students to have a broad general understanding of Indian Writing in English through the study selected literary text.
DSE-1:Modern Indian Writing in English in English Translation	After the completion of this course, the participants would gain insight into "Indianness" through representative works. Students will be able to identify the relationship between Indian Writing in English and its social context. They will be able to critically respond to Indian texts.



DSE-2:British Literature: Post World War II	Analyse the cultural and literary characteristics of post world-war-II modernity andtrace the emergence of a postwar and postcolonial sensibility and its influence on contemporary British literature
DSE-3: Literary Criticism	To enable students to have a broad understanding of a few seminal critical formulations in the study of literature.
DSE-4: World literatures	To acquaint students with World Literatures in English. They will be able to evaluate the impact of indigenous issues/concerns on literary representation. Finally, they will be able to appreciate that world literature, with all its individual fragments, represents collective humanity.
ENGL1 (101)	To acquaint the students with grammar, essays, short stories and composition.
ENGL11 (102)	To acquaint the students with selected poems, short stories and essays.
Alternative English-1(301)	To enable students to develop the skill of appreciating English Literature through the study of selected texts.
Alternative English- 11(401)	To develop appreciation of poetry and understanding of short stories.
Skill Enhancement Course SEC-1:Creative Writing SEC-2:Soft Skills SEC-3:Business Communication SEC-4:Technical Writing	The students will learn to handle spoken and written communication. They will learn to write resumes, letters of application, business letters. They will be given an understanding of writing news reports, narration of experience, interview techniques, essay and paragraph writing.

# DEPARTMENT OF HISTORY PROGRAM SPECIFIC OUTCOME OF HISTORY HONOURS UNDER CBCS.

PSO 1: Understand Indian Culture & Civilization – Ancient, Medieval & Modern. PSO 2: In depth Study of Social formation & Cultural Patterns of Ancient World & Medieval World.

PSO 3: Focus on the Rise of Modern West.

PSO 4: Emphasis given on the History of Modern Europe.

PSO 5: Focus on the History of North-East India.

#### COURSE OUTCOMES:

CO1 : History of India I [ upto Vedic Period ]. Students are familiarized with the Reconstruction of ancient Indian History, Pre-historic hunter - Gatherers, advent of food production, Harappan & Vedic Civilization. CO 2 : Social Formations & Cultural Patterns of the Ancient World. Understand the Evolution of Humankind, Food production, Bronze Civilisation - Egypt & Mesopotamia, Nomadic groups in Asia, Ancient Greece. CO 3 : History of India II [ 300 BC to 750 AD ]. Study Economy, society, polity, religion, philosophy & cultural developments of the given period. CO 4 : Social Formations & Cultural Patterns of the Medieval World. Familiarise the students about society, religion & culture in ancient Rome, rise of feudalism, religion & culture in medieval Europe, Societies in Central IslamicLands. CO 5 : History of India III [750 to 1206].

Students get to know about the rise of Rajputs; the Dr. Anil Ch. Das, Přihcipa Eastern Karbi Anglong College Sarihajan, Karbi Anglong

political structures of the Cholas, Palas, Arab conquest of Sind; religion, cultural developments, trade &commerce, society of the period under study. CO 6 Rise of Modern West – I. Students will learn about transition from feudalism to capitalism; early colonial expansion; Renaissance; economic developments of 16th century; emergence of European state system. CC 7 History of India IV [1206 to 1550] Familiarise the students with the political structures, society, economy, religion& culture of Sultanate period. CO8 Rise of Modern West - II. Study in detail about the English Revolution; European politics in the 18th centuyAmerican Revolution; preludes to Industrial Revolution. CO9 History of India - V [ 1550 to 1605 ] Detailed study about the Mughal period under Babur & Akbar CO 10 : History of India - VI [ 1605 to 1750 ] Continuation of the Mughal rule under Jahangir, Shah Jahan, Aurangazeb withemphasis on regional politics, religion, trade & commerce. CO 11: History of Modern Europe [ 1780 to 1939 ] Students get to study about the French Revolution & Restoration; Capitalist Industrialization & social & economic transformation; varieties of Nationalism. CC 12 : History of India - VII [ 1750 to 1857 ] Learn about the society, economy, polity of India in the mid 18th century; expansion & consolidation of colonial power; popular resistance that tookplace during that period. CO 13 : History of India - VIII [ 1857 to 1950 ] Study the cultural changes, social & reform movements. Emphasis is given onthe Indian National Movements; Independence, Partition & Emergence of a New State. CO14: Social & Cultural Transformation in Modern Europe. Students will get to know about Democracy, Feudalism, Imperialism ,the two World Wars , Major intellectual trends. DSE - 1: History of China [ 1839 - 1982 ] Enable the students to learn about China. DSE-2: Historiography Students learn about concept of History. DSE-3: History of Assam [ 1228 - 1826 ] Focus on the history of North-East India from 1228-1826 DSE-4: History of Assam [ 1826 – 1947 ] Focus on the history of North-East

## PROGRAM SPECIFIC OUTCOMES OF B.A. HISTORY

PSO 1: Understand Indian Culture & Civilization – Ancient Medieval & Modern. PSO 2: In depth study of World History with special reference to Europe & China.

PSO 3: Understand the different facets of the Gender Studies in India.

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India from 1826-1947.

PSO 4: Special focus on Archaeology, Museology, Tea Industry in Assam, CulturalTourism in India.

#### COURSE OUTCOMES

DSC – 1: History of India from earliest timesup to 300 CE.	The students will acquire knowledge about history of India from earliest times upto 300CE
DSC – 2: History of India from 300 CE to 1206.	To know about history of India from 300 CE to 1206.
DSC – 3: History of India from 1206 to	To enable the students to study about the sources, society, polity, religious movements, economyof the different periods of Indian history.
DSC – 4 : History of India from 1206 to 1707 to 1950	Emphasis is given on the Indian National Movement

DSE - 1: History of China [1839 – 1982]

> Acquaint the students with the Opium Wars , Chinese Revolutions, Civil Wars inChina, Rise of Communism.

DSE - 2: History of Europe [ 1789 - 1914 ]

Familiarise the students about the French Revolution, Napoleon, Metternich, Bismarck, Mussolini, Balkan

Wars & the First World War.

GE-1: Women Studies in India.

> Make the students aware about women studies ,gender relations in pre-colonial& colonial India, women education, health & women participation in

Environmental issues & National Movement.

GE-2: History & Development of Education in India.

Students will get to learn about the development of education in ancient, Medieval & modern India. Contribution of Christian Missionaries & East India

Company, literacy programmes in India.

## B.A. (HONS.) IN POLITICAL SCIENCE PROGRAMME SPECIFIC OUTCOMES

Students completing the B.A (Hons.). in political science will be able to:

- 1. Comprehend the basic structures and processes of government systems and theoretical underpinnings
- 2. Helped in understanding the issues related to society and politics.
- 3. Can help in the society in bringing unity, peace and harmony through their understanding of the subject.
- 4. Demonstrate critical thinking, including the ability to form argument, detect fallacies and have indepth understanding of the public policies.
- 5. Have grasp on history and politics of the country.
- 6. Understand international politics in a better way and help in formulating foreign policy.

COURSE OUTCOMES FOR HONOURS:

Semester		NESTORTIONOURS:	
	Course Code	Name of Course	Course Outcome
1 st	PLSHCC 101T	Understanding Political Theory	Students will have the knowledge of political theory. It will make them understand what democracy means and how it evolved and its practical approach in the real world.
	PLSHCC 102T	Constitutional Government & Democracy in India	Helps in understanding working of Indian Constitution and functioning of different institutions including Panchayati Raj.
2 <sup>nd</sup>	PLSHCC 201T	Political theory: Concepts & Debates	Students can have critical and reflective analysis and interpretation of social practices.
	PLSHCC 202T	Political Process in India	A student can understand practical political situation and will help others in having a scientific understanding of political situations.
3 <sup>rd</sup>	PLSHCC 301T	Introduction to Comparative Government and politics	Have a knowledge of political system like capitalism, socialism, decolonization process. Will understand constitutional development of Britain, Nigeria, Bangladesh and China. Will have ability to critically analyse political system.
	PLSHCC 302T PLSHCC	Perspectives on public administration Perspective on	The student will have better knowledge about how administrative system evolved and how it works.
	303T	international relations and world history	Students will be equipped with the knowledge of international politics. Have better understanding about the causes and consequences of key events like world war, cold war and post cold war world politics.
	PLSSEC 301T	Democratic awareness with legal literacy	Have a good grasp of India's legal system, its functioning and brief understanding of laws applicable in India. Students will have practical knowledge of judicial system due to their visit in court and legal aid centre.
4 <sup>th</sup>	PLSHCC 401T	Political Processes And Institutions in Comparative Perspective	Student will be equipped with the knowledge of electoral system, party system, nation states. They can compare the process and systems of politics.
	PLSHCC 402T PLSHCC	Public policy & Administration in India Global Politics	Students will have an idea of India's administrative system and financial management.
	403T		The student will get the idea of socio-politica economic and technological dimension of globalisatio and its overall impact.
	PLSSEC 401T	Public opinion and Survey Research	Students will understand the real politics. They will have a grasp of scientific research and quantitative data analysis.
5 <sup>th</sup>	PLSHCC 501T	Classical political philosophy	Student will have good grasp over western classical philosophy including ideas of Plato, Aristotle, Plato, Hobbes etc.
	PLSHCC 502T	Indian political thought-I	Students will understand the diversity of theories propagated by Indian political thinkers.
	PLSDSE - 501T	India's Foreign Policy In A Globalizing World	Student will be equipped with the foreign policy of India along with its foreign policy and relations with some major countries of the world.
-	PLSDSE	Human Rights in a	Students will understand different perspective of

6 <sup>th</sup>	PLSHCC 601T	Modern Political Philosophy	It will help to understand society and politics from a new perspective. Will help to formulate different policies by understanding ideas of thinkers like Rousseau, Marx, Gramsci etc.
PLSHCC 602T	Indian Political Thought - II	It will help to apply their ideas in the present day situation and analyse the ideas of Gandhi, Roy, Ramabai, Ambedkar, Nehru, Iqbal, Savarkar and Lohia are still relevant in present situation.	
	PLSDSE 601T	Development process and social movements in contemporary India	It will help them in understanding how India developed since independence. Make them understand socio-economic and political situation of India and social movements that affected the Indian society and economy since independence.

# B.A. POLITICAL SCIENCE (GENERAL PROGRAMME) PROGRAMME SPECIFIC OUTCOMES

This course helps to understand key aspects of political theory and its relevance in the present context. This course is designed to help students understand certain key issues that are important in the contemporary period.

# COURSE OUTCOMES FOR GENERAL PROGRAMME Course outcome of Generic Elective (GE)- for Learners pursuing Honours in Other Discipline:

This course will help the students of other honours and General course to have a better understanding of the political science, its different theories and political system of different countries. From 1<sup>st</sup> to 4<sup>th</sup> Sem the students of other honours can take GE Political Science. General Programme students unrelated to Political Science subject can take this course in 5<sup>th</sup> and 6<sup>th</sup> Sem.

Semester	Course Code	Name of Course	Course Outcome
1 st	PLSDSC101T	Introduction to Political Theory	Helps in understanding rights, liberty, equality and justice. It justifies necessity of censorship and protective discrimination. It will help to understand democracy development debate and how state intervened in the institution of family.
2 <sup>nd</sup>	PLSDSC201T	Indian Government and Politics	Make a student understand their rights, duties, functioning of government at different level
3 <sup>rd</sup>	PLSDSC301T	Comparative Government and Politics	It will enhance a student's ability to compare political system of different countries. Contemporary debates on nature of states are a key element of the subject.
3 <sup>rd</sup>	PLSSEC301T	Legislative Support	A student will know law-making process including Budget. Will understand powers and functions of people's representative at different level.

4 <sup>th</sup>	PLSDSC401T	Introduction to international Relations	Help in evaluating global political events, in formulating policies and helps in understanding dynamics and forces at work in international relations. Evaluate the impact of global institutions and development in domestic level.
4 <sup>th</sup>	PLSSEC401T	Public Opinion and Survey Research	The Student will know use of different research technique to formulate research question and how to make scientific study of public opinion.
5 <sup>th</sup>	PLSSEC 501T	Democratic Awareness and legal literacy	This will helped them to have a brief understanding of constitution and laws of India. Introduce with courts and judicial system of India and its functioning
5 <sup>th</sup>	PLSDSE501T	Themes in comparative political theory	Give a grasp of different political theme and comparative study of the same.
6 <sup>th</sup>	PLSSEC601T	Conflict and Peace Building	Helps a student in understanding what is conflictand how it can be resolved.
6 <sup>th</sup>	PLSDSE 601T	Administration and public policy: concepts and theories	Give a concept of how administrative systems develop and functioned.

## **DEPARTMENT OF SOCIOLOGY (CBCS)**

B.A IN SOCIOLOGY (CORE COURSE)	
PROGRAM OUTCOMES	The three year undergraduate program in sociology (honours) helps the students to understand the meaning, concept, aims and objectives, scope, different dimensions of sociology. It emphasizes on the theoretical aspects of sociology with different thought of social thinkers.
PROGRAM SPECIFIC OUTCOMES	PSO1: Like other subject of humanities, sociology is a subject covering the practical and vital aspect of any society.  PSO2: Study of sociology as discipline, enable a student to acquire a deep insight into different
	sociological change, the working dynamics underneath the change and its future probabilities.  PSO3: The study helps to form a scientific attitude dispensing the narrow – boundary or orthodox way of thinking and reasoning.

COURSE OUTCOMES

CORE COURSES	•
SOC-C101	This paper enables the students to study social
Introduction to sociology	aspects and its growth and development systematical as a disciplinary study.
SOC-C102	This paper inspires to student to have a insight on
Basic concepts in sociology	theoretical basic concepts on sociology and to build up a scientific understanding of the society.
SOCC-201	This paper throws light on Indian society, basic
Society in India	institution and the rich heritage of Indian culture.
SOCC-202 Sociology of tribes	The objective of this paper is to provide a comprehensive profile of tribals in terms of their distribution and concentration, demographic features, social structure and cultural patterns.
SOC-C301 FOUNDATION OF SOCIOLOGICAL THOUGHT	This paper emphasizes on the theoretical aspects of sociology with different thought of social thinkers.
SOC-C302	The course aims to provide knowledge on
RURAL SOCIOLOGY	sociological scholarship as a separate cognitive discipline on rural dimensions in india. Its helps to develop an understanding about the fundamental social reality, social processes and changes in development perspectives of rural communities.
SOC-C303	This paper helps to introduce the learners with the
DEVLOPMENT OF	
	concepts of the development of sociological thought
SOCIOLOGICAL THOUGHT	through the growth of functionalism and conflict theory.
SOC-C401	To enable students to acquaint with the basic
KINSHIP, FAMILY AND MARRIAGE	concepts of kinship, family and marriage in the perspective of society.
SOC-C402 EMERGING SOCIAL CENCERNS IN INDIA	To enable students to indentify and analyze emergin social issues and problems from sociological perspectives.
SOC-C403	
URBAN SOCIOLOGY	This paper helps to provide knowledge on distinctness of sociological scholarship as a separate cognitive discipline on urban dimensions in India and also help in developing an understanding about the fundamental social reality, social processes and changes seen in developmental perspectives of urban centers and communities.
SOC-C501	Through this paper students will be able to learn the
SOCIAL RESEARCH METHODS-1	nature of social phenomena, the issues involved in social research and the ways and means of understanding and studying social reality.
SOC-C502	The objective of the paper is to introduce the student
SOCIAL CHANGES IN	with various processes of social changes which have
INDIA	Taking place in Indian society.
SOC-C601	To provide adequate knowledge of methods, tools
SOCIAL RESEARCH MEATHOD-II	and techniques of data collection, presentation and analysis of data in research.
SOC-C602	
SOC-C602 SOCIOLOGY OF NOTRH-EAST INDIA	This paper aims to explore and acquaint students about some vital issues and dimensions of the complex society they live in. This paper help the students to understand the genesis of the problems

SOC-SEC401 TECHNIQUE OF SOCIAL RESEARCH	of the region and help suggesting viable measures to address / redress these issues and problems for an all round, inclusive development and change in the north-east Indian society.  This paper aims to enhance the skills of students to understand and use techniques, research design, methods of data collection and data analysis employed by social scientists to investigate social phenomena.
SOC-E501 SOCIOLOGY OF MARGINALIZED COMMUNITIES	This paper aims at sensitizing students to significance of sociological study of Dalit, tribal and nomadic caste and tribe. focus is on groups and communities who languish with poverty, deprivation and discrimination over a long period of time.
SOC-E502 SOCIOLOGY OF DEVLOPMENT	To make aware students about the major concepts and theories of development and issues related to development in the developing countries.
SOC-E601 SOCIOLOGY OF COMMUNICATION	This paper helps in understanding the issues pertaining to communication, media and its role in social life and development.
SOC-E602 INDIAN SOCIOLOGICAL TRADITIONS	This paper primarily provides perspectives of key Indian sociologists on different issues .
SOC-GE101 INTRODUCTION TO SOCIOLOGY	This paper enables the students to study social aspects and its growth and development systematical as a disciplinary study.
SOC-GE201 BASIC CONCEPTS IN SOCIOLOGY	This paper inspires to student to have a insight on theoretical basic concepts on sociology and to build up a scientific understanding of the society.
SOC-GE301 SOCIETY IN INDIA	This paper throws light on Indian society, basic institution and the rich heritage of Indian culture.
SOC-GE401 FOUNDATIONS OF SOCIOLOGICAL THOUGHT	This paper emphasizes on the theoretical aspects of sociology with different thought of social thinkers.

PROGRAM SPECFIC OUTCOME

BA IN SOCIOLOGY	
GENERAL	
	PSO1: Like other subject of humanities, sociology is a subject covering the practical and vital aspect of any society.
	PSO2: Study of sociology as discipline, enable a student to acquire a deep insight into different sociological change, the working dynamics underneath the change and its future probabilities.
4.	PSO3: The study helps to form a scientific attitude dispensing the narrow – boundary or orthodox way of thinking and reasoning.

COURSE OUTCOMES

SOCC101 This paper enables the students to study social

INTROUDUCTION TO SOCIOLOGY	aspects and its growth and development systematical as a disciplinary study.
SOCC201 BASIC CONCEPTS IN SOCIOLOGY	This paper inspires to student to have a insight on theoretical basic concepts on sociology and to build up a scientific understanding of the society.
SOCC301 SOCIETY IN INDIA SOCC401 FOUNDATIONS OF SOCIOLOGICAL THOUGHT	This paper throws light on Indian society, basic institution and the rich heritage of Indian culture
SOC-SEC301 READING,WRITING AND REASONING FOR SOCIOLOGY	This paper consists of a graded series of reading and writing exercises using `real` texts form the social sciences that will enable students to tackle text-related tasks with confidence. There is a conscious attempt to generate synergies by mirroring the reading and writing exercises.

4	
SOC-SEC401 GENDER SENSITIZATION	This paper will sensitize students to issues related to gender and equality among all sexes. To enable students to acquaint with laws that have an immediate bearing on gender relations .
SOC-SEC501 TECHNIQUES OF SOCIAL RESEARCH	This paper aims to enhance the skills of students to understand and use techniques, research design, methods of data collection and data analysis employed by social scientists to investigate social phenomena.
SOC-SEC601 THEORY AND PRACTICE OF DEVLOPMENT	This paper aims to familiarize students with the arguments of development theory in the decades of 1980s onwards and equip them with some of the methodology in the development practices.
SOCE501 SOCIOLOGY OF TRIBES	Through this paper students will be able to learn the comprehensive profile of tribals in terms of their distribution and concentration, demographic features, social structure and cultural patterns.
SOCE601 RURAL SOCIOLOGY	This paper aims to provide knowledge about the fundamental social reality, social processes and change in developmental perspectives of rural communities
SOC-GE501 INTRODUCTION TO SOCIOLOGY	This paper enables the students to study social aspects and its growth and development systematical as a disciplinary study.
SOC-GE601 BASIC CONCEPTS IN SOCIOLOGY	This paper inspires to student to have a insight on theoretical basic concepts on sociology and to build up a scientific understanding of the society.

# ENVIRONMENTAL STUDIES (AECC2)

Programme Specific Outcomes

The programme specific outcomes of Environmental Studies is mentioned below:

- 1. The students can acquire knowledge about need of environmental knowledge and eco system.
- 2. The students can understand about use and importance of alternative resources.

- 3. They get the ideas about conservation of biodiversity.
- 4. It creates awareness about environmental pollution and control of it.

#### Course Outcome AECC2

#### **ENVIRONMENTAL STUDIES**

The course helps the students to acquire knowledge about importance of Environmental Studies, eco system, natural resources, biodiversity and conservation, environmental pollution, environmental issues and policies.

# PROGRAMME SPECIFIC OUTCOME B.Sc. (GENERAL) BOTANY UNDER CHOICE BASED CREDIT SYSTEM

Department of	After successful completion of three and 1
	The beginning in Bottany
Botany	students will able to learn following things:
Programme	PO-1. Students know about different types of lower and higher plants
Outcomes	along with their economic and ecological importance.
	PO-2.Student can able to describe morphological, anatomical and
	reproductive characteristics of plant and also identified different plant.
	PO-3. They knows economic importance of various plant products and
4	artificial methods of plant propagation and use of modern Botanical
	techniques and decent equipments.
Programme	PSO-1. Students acquire fundamental botanical knowledge through theory
Specific	and practical.
Outcomes	PSO-2. Able to explain basic life of plants, their reproduction and survival
	in nature.
	PSO-3. Helped to understand role of different types of living and fossil
	plants in our day to life.
	PSO-4. Helped in creating awareness about cultivation, conservation and
	sustainable utilization of biodiversity.
	PSO-5. To know advance techniques of plant sciences like tissue culture
	techniques, Phytoremediation, plant disease management, formulation of

new herbal drugs etc.

PSO-6. Students able to start practices such as nursery, mushroom cultivation, biofertilizer production, fruit preservation and horticulture.

# B. Sc. With Botany and general electives

### **Course Outcomes**

Sl No.	Semester	Course code	Course Outcome	
	I	DSC-I (Theory)	The students will able to gain knowledge on microbial world, classification and life cycle of different member of Algae, Fungi, Bryophytes, Pteridophytes and Gymnosperms.	
2	Ι	DSC-I (Practical)	Students will gain knowledge on vegetative and reproductive structures of different form of lower and higher plants.	
3	II	DSC-II (Theory)	The students will able to understand core concepts on biotic and abiotic factors and they also able to gain knowledge on characteristics of plant communities, ecosystem, phyto geographical zones of India, plant taxonomy, plant classification, biometrics, numerical taxonomy and Cladistics.	
4	II	DSC-II (Practical)	The students will gain knowledge on different instruments used to measure microclimatic variables, morphological adaptation of hydrophytes and xerophytes, vegetative and floral characteristics of some specific families etc.	
5	III	DSC-III (Theory)	The students will gain knowledge on fundamentals of plant anatomy and internal anatomy of plant systems and organs; adaptive and protective systems in xerophytes, hydrophytes; structure, function of dicot and monocot embryo; 53Apomixes and polyembryony.	
6	III	DSC-III (Practical)	Students will acquire knowledge on root, stem and leaf anatomy of dicot and monocot, xerophytes and hydrophytes; female gametophyte; structure of anther.	
7	III	SEC-I (Theory)	Students will gain knowledge on definition, methodology, legal aspects and role of Enthobotany in medicine.	
8	IV	DSC-IV (Theory)	Students will able to gain knowledge on role of micronutrients in plant growth, plant water relations, translocation, photosynthesis, respiration, nitrogen	



			metabolism, plant growth regulators and plant response to light and temperature.
9	IV	DSC-IV (Practical)	Students will gain knowledge on plasmolytic method, effect of environmental factors on transpiration, paper chromatography. They able to calculate stomatal index and frequency, demonstrate hill effect.
10	IV	SEC-II (Theory)	Students will acquire knowledge on cultivation technology, preparation and storage technology of mushroom.
11	V	SEC-III (Theory)	Students will gain knowledge on plant diversity, management of diversity, conservation of diversity and role of plants in human welfare.
12	V	DSE-I (Theory)	Students will gain knowledge on different analytical techniques in plant sciences vz microscopy, cell fraction, spectrophotometry, chromatography, x-ray diffraction, Electrophoresis.
13	V	DSE-I (Practical)	Students will gain knowledge on blotting techniques, able to separate nitrogenous bases, sugars, chloroplast pigments and estimate protein concentration.
14	VI	SEC-IV (Theory)	Students will gain knowledge on nursery, vegetative propagation, types of gardening, rising of seeds and seedling.
15	VI	DSE-II (Theory)	Students will gain knowledge on basic concept of research, general laboratory practices, data collection and documentation and art of scientific writing and its presentation.
16	VI	DSE-II (Practical)	Students will able to do experiments based on chemical calculations, plant micro technique, art of imaging of sampling through micrography and field photography, poster presentation on defined topics and technical writing on topics assigned.

## **Department of Chemistry**

Programme Specific Outcomes of CBCS CHEMISTRY

- 1. B.Sc. (Honours) CHEMISTRY
- 2. B.Sc. (General) CHEMISTRY

Students become able to emphasize and gain knowledge on

- 1. Atomic structure, bonding and periodicity, different states of matter and their mathematical treatment,
- 2. Basic organic chemistry, hydrocarbon, stereochemistry and conformational analysis,

Dr. Arfff Ch. Daz, Plih cibal Eastern Karbi Anglong College Sarihajan Karbi Anglong 3. Chemical Thermodynamics, their mathematical expressions and Applications,

4. Chemistry of s-, p- block Elements, Noble gases, inorganic polymers and Metallurgy,

- 5. The synthesis and properties of organic compounds containing Halogen and Oxygen Containing Functional Groups,
- 6. Phase Equilibria, Chemical Kinetics, catalysis and Surface chemistry,

7. Coordination Chemistry and its Applications, extended to Biological systems

8. The preparation and properties of different classes of heterocyclic organic compounds. Emphases is given to heterocyclic compounds of both synthetic and natural origin.

9. Electrochemistry, various laws governing electrochemical processes and their applications,

10. The selected types of naturally occurring organic compounds, their synthesis, physiological importance and pharmaceutical applications

11. Quantum Chemistry & Molecular Spectroscopy and Photochemistry,

- 12. Organometallic compounds, their chemistry, application in catalysis and inorganic reaction mechanisms,
- 13. Application of Spectroscopy (UV-Vis, IR and NMR), Carbohydrates, Dyes and Polymers (with preparation and applications
- 14. Green Chemistry and it's importance towards attaining sustainable environment and sustainable society etc.

## CBCS: B. Sc. (Honours) with CHEMISTRY-CORE COURSE

Sl No	Semester	Course Code	Course Name	Course Outcome
1	Semester-I	Chemistry- C101	Inorganic Chemistry– I	Students will gain knowledge about atomic structure, periodic properties of different elements of Periodic table, idea of Chemical bonding and Oxidation-reduction reaction
2	Semester-I	CHEMISTRY-C- 101-LAB	Inorganic Chemistry – I) Practical	Students will gain knowledge about calibration of apparatus and preparation of standard solution and titration of Iron solution of different standard
3	Semester-I	CHEMISTRY-C- 102	(Physical Chemistry – I)	Students will gain knowledge about Gaseous State, liquid State, solid state and ionic equilibria
4	Semester-I	CHEMISTRY-C- 102-LAB	(Physical Chemistry – I) Practical	Students will gain knowledge about determination of transition temperature, surface tension of solutions, pH metric titration and preparation of buffer solutions
5	Semester-II	CHEMISTRY-C- 201	(Organic Chemistry – I)	Students will gain knowledge about basics of organic chemistry, chemistry of aliphatic hydrocarbons, Aromatic and Polynuclear Hydrocarbons, Stereochemistry and Cycloalkanes and Conformational Analysis
6	Semester-II	CHEMISTRY-C- 201-LAB	(Organic Chemistry – I)	Students will gain knowledge about purification of compounds, and chromatographic separation.

7	Semester-II	CHEMISTRY-C-	DI1	
	Semester-11	202	Physical Chemistry – II	Students will gain knowledge about Chemical Thermodynamics, Systems of Variable Composition, Chemical Equilibrium and Solutions and Colligative Propertie
8	Semester-II	CHEMISTRY-C- 202-LAB	Physical Chemistry – II)	Students will gain knowledge about viscosity, solubility, refractive index and molecular mass determination.
9	Semester- III	:CHEMISTRY- C-301	(Inorganic Chemistry – II)	Students will gain knowledge about: Chemistry of s- and p- Block Elements, noble gases, acids and bases, inorganic Polymers and General Principles of Metallurgy
10	Semester- III	CHEMISTRY-C- 301-LAB	(Inorganic Chemistry – II)	Students will gain knowledge about Iodo- / Iodimetric Titrations and inorganic preparations.
11	Semester- III	CHEMISTRY-C-302	Organic Chemistry – II	Students will gain knowledge about Chemistry of Halogenated Hydrocarbons, Alcohols, Phenols, Ethers and Epoxides, Carbonyl Compounds, Carboxylic Acids and their Derivatives and other organic compounds.
12	Semester- III	CHEMISTRY-C- 302-LAB	Organic Chemistry – II)	Students will gain knowledge about tests for functional groups and organic preparations.
13	Semester- III	CHEMISTRY-C- 303	(Physical Chemistry – III)	Students will gain knowledge about: Phase Equilibria, chemical kinetics, Catalysis and surface chemistry
14	Semester- III	CHEMISTRY-C- 303-LAB	Physical Chemistry – III)	Students will gain knowledge about the study of the equilibrium of the reactions by the distribution method and Studying the kinetics of the reactions.
15	Semester- III	CHEMISTRY- SEC-301	Analytical Clinical Biochemistry	Students will learn about some important biomolecules such as carbohydrates, proteins and enzymes, lipids and hormones. Students will also gain knowledge about composition, collection and preservation of blood and urine and about the biochemistry of some disease.
16	Semester- IV	CHEMISTRY-C- 401	Inorganic Chemistry – III	Students will gain knowledge about Coordination Chemistry, Transition Elements, Lanthanoids and Actinoids and Bioinorganic Chemistry
17	Semester- IV	CHEMISTRY-C- 401-LAB	(Inorganic Chemistry – III)	Students will gain knowledge about gravimetric analysis and inorganic preparations.

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18	Semester-IV	CHEMISTRY-C- 402	Organic Chemistry – III)	Students will gain knowledge about Nitrogen Containing Functional Groups, Heterocyclic Compounds, Alkaloids and terpenes.
19	Semester- IV	CHEMISTRY-C- 402-LAB	(Inorganic Chemistry – III)	Students will gain knowledge about qualitative organic analysis.
20	Semester- IV	CHEMISTRY- SEC-401	Fuel Chemistry	Students will attain the knowledge about renewable and non-renewable energy sources, Coal, petroleum, petrochemical industry, petrochemicals, lubricants and their compositions/properties/applications.
21	Semester- IV	CHEMISTRY-C- 403	Physical Chemistry – IV)	Students will gain knowledge about Conductance, Electrochemistry and Electrical & Magnetic Properties of Atoms and Molecules
22	Semester-IV	CHEMISTRY-C- 403-LAB	Physical Chemistry – IV)	Students will gain knowledge about pH metric titration, determining strength of the given acid conductometrically using standard alkali solution, Determination of equivalent conductances, degree of dissociation and dissociation constant, Conductometric titration, pH metric titration and Potentiometric titration
23	Semester-V	CHEMISTRY-C- 501	Organic Chemistry – IV	Students will gain knowledge about Nucleic Acids, Amino Acids, Peptides and Proteins, enzymes, lipids and Pharmaceutical Compounds: Structure and Importance
24	Semester-V	CHEMISTRY-C- 501-LAB	Organic Chemistry – IV)	Students will gain knowledge about Organic synthesis and Organic quantitative analysis.
25	Semester-V	CHEMISTRY-C- 502	Physical Chemistry – V	Students will gain knowledge about Quantum Chemistry, Molecular Spectroscopy and Photochemistry.

26	Semester-V	:CHEMISTRY-	Physical	C. 1
		C-502-LAB	Chemistry – V)	Students will gain knowledge about Verification of Lambert-Beer's law and determining the concentration of of individual species in a given mixture, Studying of the kinetics of iodination of propanone in acidic medium, Determination of the dissociation constant of an indicator (phenolphthalein) and Study of the kinetics of interaction of crystal violet/ phenolphthalein with sodium hydroxide.
27	Semester-V	CHEMISTRY- DSE-501	Analytical Methods in Chemistry	Students will learn about the practical aspects of chemistry, tools and techniques used for analytical purpose such as Qualitative and quantitative aspects of analysis, UV-Visible and IR Spectrometry, Flame Atomic Absorption and Emission Spectrometry, Thermal and electroanalytical methods of analysis, Separation techniques
28	Semester-V	No.:CHEMISTR Y-DSE-501-LAB	Practical	Student will learn about practical application of analytical tools and techniques such as use of flame photometer for determination of Na, Li, Ca in cola drinks, fruit juices etc.; chromatographic separation of components present in mixtures; determination of DO, COD of water samples.
29	Semester-V	CHEMISTRY- DSE-502	Green Chemistry	Students will learn about the environment and sustainability related issues which brings the idea regarding designing environmentally benign processes/reactions, use and designing biodegradable/environment friendly products instead of environmentally hazardous substances.
30	Semester-V	CHEMISTRY- DSE-502-LAB	Practical	This course enables the students to know about the safer state materials such as Vitamin C, tincture of iodine, H <sub>2</sub> O <sub>2</sub> , using Renewable Resources, use of benign, cost effective and environment friendly solvent and processes instead of hazardous chemicals and processes.



31	Semester-	CHEMISTRY-C-	Inorganic	Students will gain knowledge about
•	VI	601	Chemistry – IV	Organometallic Compounds, Reaction Kinetics and Mechanism, Catalysis by Organometallic Compounds and Principles in Qualitative Analysis
32	Semester- VI	CHEMISTRY-C- 601-LAB	(Inorganic Chemistry – IV)	Students will gain knowledge about Qualitative Inorganic Analysis
33	Semester- VI	CHEMISTRY-C- 602	Organic Chemistry – V)	Students will gain knowledge about Organic Spectroscopy, Carbohydrates, dyes and polymers '
34	Semester- VI	CHEMISTRY-C-602-LAB	Organic Chemistry – V)	Students will gain knowledge aboutExtraction of caffeine from tea leaves, Preparation of sodium polyacrylate., Preparation of urea formaldehyde, Analysis of carbohydrates: aldoses and ketoses, reducing and non-reducing sugars. Identification of simple organic compounds by IR spectroscopy and NMR spectroscopy and preparation of methyl orange.
35	Semester- VI	CHEMISTRY- DSE-601	Inorganic Materials of Industrial Importance	Students will attain knowledge regarding industrially popular materials such as silicates (glass, ceramics, cement), fertilizers, surface coating materials (paints, metallic coating), batteries (Pb acid, Li-Battery, Solid state electrolyte battery. Fuel cells, Solar cell and polymer cell) and alloys (properties, and uses).
36	Semester- VI	CHEMISTRY- DSE-601-LAB	Practical	Students will learn about determination of acidity of fertilizers, estimation of some specific components present in fertilizers, preparation of alloy, cement analysis.
37	Semester- VI	CHEMISTRY- DSE-602	Dissertation	This will enhance the idea of practical application of chemistry in day to day life, in the environment, in industry and in the research field etc.

## CBCS: B. Sc. with Chemistry-Discipline Specific Core (DSC) Course

Sl no	Semester	Course code	Course Name	Course Outcome	
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1	Semester-I	chemistry-DSC- 101/ CHEMISTRY- GE-101	CHEMISTRY -DSC-101/ CHEMISTRY -GE-101	Students will gain Knowledge on atomic structure, chemical bonding, fundamentals of organic chemistry, aliphatic and aromatic hydrocarbons
2		CHEMISTRY- DSC-101-LAB/ CHEMISTRY-GE- 101-LAB	CHEMISTRY -DSC-101- LAB/ CHEMISTRY -GE-101-LAB	Students will gain knowledge on oxidation-reduction titration, iodometric titration, water of crystallization, qualitative analysis of element detection in organic chemistry and paper chromatography
3	Semester-II	CHEMISTRY- DSC-201 / CHEMISTRY-GE- 201	CHEMISTRY -DSC-201 / CHEMISTRY -GE-201	Students will gain knowledge on Chemical Energetics, Chemical Equilibrium and alkyl, aryl halides; Alcohols, Phenols and Ethers and Stereochemistry & Carbohydrates
4		CHEMISTRY- DSC-201-LAB/ CHEMISTRY-GE- 201-LAB	CHEMISTRY -DSC-201- LAB/ CHEMISTRY -GE-201-LAB	Students will gain knowledge on practicals of thermochemistry, equilibria and different purification techniques on organic compounds and preparation of organic compounds
5	Semester- III	CHEMISTRY- DSC-301 / CHEMISTRY-GE- 301	CHEMISTRY -DSC-301 / CHEMISTRY -GE-301	Students will gain knowledge on Solutions and Phase Equilibrium; Conductance and Electrochemistry; Carbonyls (aliphatic and aromatic) and Carboxylic acids; Amines and Carbohydrates, Amino Acids, Peptides and Proteins
6		CHEMISTRY- DSC-301-LAB / CHEMISTRY-GE- 301-LAB	:CHEMISTR Y-DSC-301- LAB / CHEMISTRY -GE-301-LAB	Students will gain knowledge on practicals of phase Equilibria and conductance; and qualitative analysis of organic functional groups

7	Semester-IV	CHEMISTRY- DSC-401 / CHEMISTRY-GE- 401	CHEMISTRY -DSC-401 / CHEMISTRY -GE-401	knowledge on Transition
8		DSC-401-LAB / CHEMISTRY-GE- 401-LAB	DSC-401-LAB / CHEMISTRY -GE-401-LAB	Students will gain knowledge on Semi-micro qualitative analysis (two anions and two cations and excluding insoluble salts); complexometric titrations; gravimetric titration; flame photometry and practicals on surface tension, viscosity and chemical kinetics
9	Semester-V	CHEMISTRY- DSE-501	CHEMISTRY -DSE-501	Students will gain knowledge on Qualitative and Quantitative aspects of Analysis; UV-Visible and IR Spectrometry; Flame Atomic Absorption and Emission Spectrometry; Thermal and Electroanalytical Methods of Analysis; and Separation Techniques
10		CHEMISTRY- DSE-501-LAB	CHEMISTRY -DSE-501- LAB	Students will gain knowledge on different chromatographic techniques like TLC, Paper Chromatography, ion exchange etc; soil analysis, cod etc
11	Semester- VI	CHEMISTRY- DSE-601	CHEMISTRY -DSE-601s	Students will gain knowledge on Silicate Industries; Fertilizers; Surface Coatings: Batteries and Alloys
12		CHEMISTRY- DSE-601-LAB	CHEMISTRY -DSE-601- LAB	Students will gain knowledge on analysis of fertilizers; alloys, Cement and Preparation of pigments

# PROGRAM SPECIFIC OUTCOMES AND COURSE OUTCOMES, CBCS

## **Department of Physics**

Program Specific outcomes under CBCS:

Program	Program Specific Outcome
B.Sc. Physics (General)	The aim of the programme B.Sc. (General) is to provide the students with the theoretical concepts and practical applications of classical and modern Physics. The focus of this course is to develop a thorough understanding of various areas of classical physics.

## Course Outcomes for B.Sc. Physics (General) under CBCS:

Course Code	Course Name	Course Outcome
PHYSICS -DSC-101	MECHANICS	The aim of the course is to provide the elementary concepts of mechanics, solid, fluids and special theory of relativity to the students.
PHYSICS -DSC101- LAB	MECHANICS (LAB)	Experiments in this course are carried out for measurements of length, g, spring constant, modulus of elasticity etc.
PHYSICS -DSC-201	ELECTRICITY, MAGNETISM AND EMT	The course provides a general overview of all the topics falling under classical electromagnetic theory.
PHYSICS -DSC201- LAB	ELECTRICITY, MAGNETISM AND EMT (LAB)	Experiments in this course are intended for understanding basic measurement techniques in electromagnetism, like current, resistance, magnetic field, etc.
PHYSICS -DSC-301	THERMAL PHYSICS AND STATISTICAL MECHANICS	This course provides knowledge about basic laws of thermodynamics, and introduces related topics like entropy, thermodynamic potentials, kinetic theory and basic statistical mechanics to the students.
PHYSICS -DSC301- LAB	THERMAL PHYSICS AND STATISTICAL MECHANICS (LAB)	Through the course students learn about experimental determination of constants like coefficient of thermal conductivity, linear expansion, and thermal coefficient of resistance.
PHYSICS -SEC-301	PHYSICS WORKSHOP SKILL	The aim of this course is to enable the students to get familiar and experience with various mechanical and electrical tools through hands-on mode.
PHYSICS -DSC-401	WAVES AND OPTICS	Students would learn basic concepts of waves like superposition, velocity, and also topics from wave optics like interference, diffraction and holography.
PHYSICS -DSC- LAB	WAVES AND OPTICS (LAB)	Students would get familiar with practical measurement of wavelength and frequency of a wave, and also refractive index of transparent material.

PHYSICS -SEC-401	ELECTRICAL CIRCUITS AND NETWORK SKILLS	The aim of this course is to enable the students to design and troubleshoot the electrical and electronics circuits, networks and appliances through hands-on mode.
PHYSICS -DSE-501	CLASSICAL DYNAMICS	The aim of the course is to get the student acquainted with the Lagrangian and Hamiltonian formalism of classical mechanics, and also applications like small oscillations and fluid dynamics.
	BIOLOGICAL PHYSICS	The course introduces students to the basics of biological physics.
PHYSICS -SEC-501	BASIC INSTRUMENTATIO N SKILLS	The course is to get exposure to various types of instruments and their usage through hands-on mode.
PHYSICS -DSE-601	ASTRONOMY AND ASTROPHYSICS	The course provides very basic concepts in Astronomy and Astrophysicsto understand stellar properties, solar system, galaxies and basic cosmology.
	NANO- MATERIALS AND APPLICATIONS	The aim of the course is to introduce some of the basic concepts of nano-materials, their fabrications and their applications.
PHYSICS -SEC-601	RENEWABLE ENERGY AND ENERGY HARVESTING	The aim of this course is to impart theoretical knowledge about various renewable sources of energy like solar, hydro power, ocean, geothermal etc and various energy harvesting methods to minimize environmental adversities of fossil fuel uses. Hands on training on related topics will also be given.

#### Department of Mathematics

The outcome of the mathematics degree programs is to equip students with analytic and problem solving skills for careers and graduate work. Classes develop student abilities and aptitudes to apply mathematical methods and ideas not only to problems in mathematics and related fields such as the sciences, computer science, actuarial science, or statistics. Students are encouraged to develop intellectually and to become involved with professional organizations.

Programme specific outcomes

Program Program Specific Outcome B.Sc. Mathematics(Honours) The overall aims of B.A./B.Sc. (Hons) Mathematics and B.A./B.Sc. with Mathematics as a subject are to create deep interest in learning mathematics. develop broad and balanced knowledge and understanding of definitions, concepts, principles and theorems. familiarize the students with suitable tools of mathematical analysis to handle issues and problems in mathematics and related sciences. enhance the ability of learners to apply the knowledge and skills acquired by them during the programme to solve specific theoretical and applied problems in mathematics. B.Sc. Mathematics (General) The aim of the programme B.Sc.(General) is to equip

Dr. Anil Ch. Das, Principal Eastern Karbi Anglong College
Sarihajan Karbi Anglong

the students to familiar with the basic concepts of algebra, geometry, Linear algebra, Real Analysis and

beginning level of calculus.

			ematics (Honours) under CBCS:
Sl.No.	Course Code	Course Name	Course Outcome
1.	Mathematics- C-101	Calculus	Calculate the limit and examine the continuity and understand the geometrical interpretation of differentiability. Understand the consequences of various mean value theorems.
2.	Mathematics- C-102	Higher Algebra	Employ De Moivre's theorem in a number of applications to solve numerical problems. Learn about the fundamental concepts of groups, subgroups, normal subgroups, isomorphism theorems, cyclic and permutation groups.  Recognize consistent and inconsistent systems of linear equations by the row echelon form of the augmented matrix, using rank.
3.	Mathematics- C-201	Real Analysis	Understand basic properties of real number system such as least upper bound property and Order property.  Realize importance of bounded, convergent, Cauchy and monotonic sequences of real numbers, find their limit superior and limit inferior.
4.	Mathematics- C-202	Differential Equations	Understand the genesis of ordinary as well as partial differential equations.  Learn various techniques of getting exact solutions of certain solvable first order differential equations and linear differential equations of second order.
5.	Mathematics- C-301	Theory Of Real Functions	Understand many properties of the real line $\mathbb{R}$ and learn to define sequence in terms of functions from $\mathbb{R}$ to a subset of $\mathbb{R}$ . Recognize bounded, convergent, divergent, Cauchy and monotonic sequences and to calculate their limit superior, limit inferior, and the limit of a bounded sequence.
6.	Mathematics- C-302	Group Theory	Recognize the mathematical objects called groups. Link the fundamental concepts of groups and symmetries of geometrical objects. Explain the significance of the notions of cosets, normal subgroups, and factor groups.
7.	Mathematics- C-303	PDE and system of ODE	Apply a range of techniques to solve first & second order partial differential equations.  Model physical phenomena using partial differential equations such as the heat and wave equations.
8.	Mathematics- C-401	Numerical Methods	Obtain numerical solutions of algebraic and transcendental equations. Find numerical solutions of system of linear equations and check the accuracy of the solutions.



9.	Mathematics- C-402	Riemann Integration and Series of Function	Learn about various interpolating and extrapolating methods.  Learn some of the properties of Riemann integrable functions, and the applications of
10.	Mathematics- C-403	Ring Theory	the fundamental theorems of integration.  Realize importance of binary operation
11.	Mathematics- C-501	Topology	Understand several standard concepts of metric spaces and their properties like Weierstrass property, compactness,—openness, closedness,
12.	Mathematics- C-502	Multivariate Calculus	completeness, Bolzano and connectedness.  Understand problems, methods and
13.	Mathematics- C-601	Complex Analysis	techniques of calculus of variations.  Visualize complex numbers as points of R61 and stereographic projection of complex plane on the Riemann sphere.  Understand the significance of differentiability and analyticity of complex functions Riemann equations.—leading to the Cauchy Goursat theorem and Cauchy integral formula in evaluation—  Learn the role of Cauchy of contour
14.	Mathematics- C-602	Linear Algebra	integrals.  Understand the concepts of vector spaces, subspaces, bases, dimension and their properties.  Relate matrices and linear transformations, compute eigen values and eigen vectors of linear transformations.

## COURSE OUTCOMES OF MATHEMATICS, GENERAL (CBCS)

Mathematics-DSC-101: Outcome: Students will interpret average rate of change over an interval and instantaneous rate of change for a function at a point. Also, able to utilize appropriate theory and solution techniques for the problems of Taylor series with its interval of convergence for use in a variety of applications such as approximating values of a function and studying the behavior of a function.

Mathematics-DSC-201: Outcome: Students will demonstrate the ability to solve a variety of differential equations analytically and numerically.

Mathematics-DSC-301: Outcome: Students will demonstrate the ability to use the Basics Algebraic and Real Analysis concepts to analyze "real world" issues.

Mathematics-DSC-401: Outcome: Students will demonstrate the ability to algebraically and graphically analyze functions. Students will demonstrate the ability to model Abstract Algebra.

Mathematics-DSC-501: Outcome: Students will demonstrate the ability to algebraically and analyze Linear Problems. Students will demonstrate the ability to model Linear

Algebra.

Mathematics-DSC-601: Outcome: Formulate a combinatorial optimization problem efficiently and Apply the simplex method for solving linear programming problems. Express the dual of a linear programming problem, interpret the results and obtain solution to the primal problem from the solution of the dual problem. Also, Apply the transportation simplex method to solve transportation problems.

## Department of Zoology

PROGRAMME SPECIFIC OUTCOMES (CBCS)

The Department of Zoology offers the following two programmes of study: 1. B.Sc. (General) & 2. B.Sc. (Honours). The programmes and course are executed by the department that is designed and prescribed by the AssamUniversity, Silchar. It covers topics like genetics, molecular biology, biochemistry, developmental biology, animal behaviour, animal physiology, ecology, fish and fisheries, apiculture, sericulture, immunology, etc. that primarily aims to provide students with deep and extensive understanding of the subject. The course includes both theoretical and practical aspects of the subject.

As the student completes the course, he/she will be able to----

1. Develop a basic and strong foundation in Zoology.

2. Develop and improve the skill of applying concepts and techniques with diverse real lifesituations.

3. The knowledge gathered from practical, field works and study tour retains in the mind.

4. Inculcate ethical values, team work, leadership and managerial skills.

5. The programme provides platform to lucrative career opportunities from comfortable indoorsettings to outdoor environment depending on their interests.

The career options may be as –

- Research Positions: After completion of B.Sc. and M.Sc. one can be availed at reputed research institutes like IISc, IIT, CMFRI, CIBA, CIFT, CIFA, NFDB, NBFGR, NIO, RGCA, NCBS, ATREE, etc.
- ii) Field Positions: Researching animals in their natural habitats can lead to avail jobs as wildlife technician, Animal services, associate, veterinary assistant, animal adoption specialist, research technician, animal caregiver and zoo-keeper.
- iii) Conservation Positions: Zoologists can work in local federal or state government agencies to develop and implement conservation measures and programs to protect the dwindling wildlife.
- Teaching Position: One can availed at school levels after the completion of B.Sc. After B.Sc., students can pursue higher level of education like M.Sc., M.Phil., Ph.D. to avail teaching position at College and University levels.

v) Channels like National Geography, Animal Planet, Discovery, etc. are in constant need of Zoologists for research and documentaries.

vi) Acquiring a degree in Zoology also enables an individual to be hired in museums as curators, as Forensic experts, Lab. Technicians and many more.

vii) Livestock entrepreneurship is also an emerging self-employment option for graduates in Zoology.

#### COURSE OUTCOMES (CBCS)

The program not only focuses to provide students with the theoretical knowledge, so it emphasises on field works and visits to areas of zoological importance thus enabling the students to understand the subject better. It also teaches the students the analysis of skills with which they can comprehend and participate in the real world, prepare them for further studies and to achieve success in professional careers.

Sl. No.	Name of Course	Course Outcome
1	Non-Chordates I: Protista to Pseudocoelomates	It basically intends the students to study about the structure, function, biodiversity, identification and classification of invertebrate animals from Protists to Psuedocoelomates.
2	Principles of Ecology	This paper helps the student to understand how organisms relate with each other and their environment. The students learn about ecology, biotic and abiotic factors, Population ecology like population size, its density, interaction between organisms of the same population, community characteristics, ecosystem and applied ecology such as forestry, conservation and management of wildlife.
3	Non-Chordates II:	It basically intends the students to study about
	Coelomates	the structure, function, biodiversity, identification and classification of invertebrate animals from Annelida to Echinodermata.
4	Cell Biology	As Cell Biology is the study of the structure and function of thecells so this will enable the students to know about different cell organelles and their functions and also about cell division and cell
		signalling.
5	Diversity of Chordates	It basically intends the students to study about the structure, function, biodiversity, identification and classification of invertebrate animals from Chordates to Mammals. It also includes zoogeography- realms, distribution, barriers, dispersal of animals.
6	Animal Physiology: Controlling and Coordinating Systems and Life Sustaining systems	Physiology is the principal branch of biological science. It is the science of processes taking place in living organism. Its study helps to know the function of the organism, the activities of its different organ in their interaction with environment, for eg- The work of muscles, heart, brain and spinal cord. The students get the knowledge of the structure of different organs in relation to their function, eg; testis, ovary and physiology of reproduction. They can have the idea about endocrinology which means the study of endocrine glands and the hormones secreted by them and also knowabout Mechanism in action, Regulation of their secretion etc.

7	Fundamentals of	The verious life processes such as hirth development
	Fundamentals of Biochemistry	The various life processes such as birth development, digestion, metabolism, respiration, excretion, etc. are the result of biochemical events. Hence, biochemistry is a vital branch of Biology. It encompasses the areas that require physiochemical approaches methods and techniques. The fundamentals of biochemistry helps the students to know about the Carbohydrates, Lipids, Proteins, Nucleic acids such as structures of DNA and RNA, types and Enzymes and the Mechanism of enzyme action.
8	Comparative Anatomy of Vertebrates	The students can compare and study the anatomy of different groups of vertebrates.
9	Biochemistry of Metabolic Processes	The study of biochemistry of metabolic processes helps the students to know about metabolisms like Carbohydrate metabolism, Lipid metabolism, Protein metabolism and OxidativePhosphorylation
10	Molecular Biology	Molecular biology is the study of biomolecules and their metabolism in the cell. Study of molecular biology will help the students to know about nucleic acids like DNA, RNA, DNA replication etc. As it deals with genes, they will also have knowledge about the regulation of genes and their products of expression.
11	Principles of Genetics	Genetics is the science of heredity. From this chapter the students can learn about the Principle of inheritance, Linkage of genes, Crossing over, Mutation of gene and Chromosomal aberrations. They will also have the idea about the mechanism of Sex determination and Extra chromosomal inheritance and transposons in bacteria and humans
12	Developmental Biology	Developmental Biology deals with all events of the entire developmental period of an animal. The study of developmental biology helps the students to know the development of animal that starts from gametogenesis and proceeds with fertilization, cleavage, gastrulation, regeneration etc. They can also have the knowledge about the implication of development biology like In vitro Fertilization, Stem cell and Amniocentesis etc.
13	Evolutionary Biology	Evolution means unfolding or unrolling- a gradual, orderly change from one condition to another. This topic deals with the beginning and evolution of life from a single cell bacteria to multicellular man, evidences to support evolution- fossil records, geological time scale, theories and by genetics.

14	Immunology	Immunalagui
	and logy	Immunology is a branch of biochemical science th
		oo to still study of all aspects of the immediate
		students call know the bosic
		minutology, Illilline system colla and
		militatic System the properties of
		antibodies. They can have an idea about the
		application of immunology- i) Diagnosti
		microbiology like diagnostic SAMPS
		microbiology, like diagnosis of AIDS by ELISA test
		ii) Application in medicine, in preventive medicilike vaccines
		THE VACCINES
		iii) Treatment of diseases and many more.
		Learning Immunology helps to keep ones own
		defence in a better Working condition and this is it
15	Reproductive Biology	read a discase-free fire
	Reproductive Biology	The call leading and the reproductives
		and the horniones responsible for the
		1 reproduction, fullculonal anatomy of male and f
	4	reproduction, normonal regulation and manual
		health like causes of infertility in male and
	The state of the s	female,
1.0		diagnosis, reproductive technology, etc.
16	Fish and Fisheries	Fish and fisheries is related to catching of inland and
		marine fishes for commercial purposes. The students
		can learn about the general learn students
		can learn about the general description of fish,
		classification based on feeding habit, habitat etc. it
		also involves aquaculture, gears, navigation, aquarium
		aquartani
		management, breeding, special products and by-
17	Animal Behaviour and	Products and fish (fishage)
	Chronobiology	Ethology is the study of animal behaviour to find out
	- monotology	natural responses of animals .
		environmental stimuli. The student can lager at
		the experiments conducted by Karl von E. 1
		Train avior, patterns of behaviour social and sound
		Condition
		chronobiology, biological clocks,
18		blological rhythms etc.
10	Apiculture	The art and technique of beekeeping is called
		upicullic inic chapter i
		classification and biology of honey bees, rearing of
		bees, diseases and enemies and enemies
		bees, diseases and enemies, control and preventive measures, bee economy entreprensional
		measures, bee economy, entrepreneurship in apiculture.
19	Sericulture	The students can leave 1
		The students can learn about the life cycle of
		exotic and indigeneous races of silkworm
20	Aquarium Fish	or sikwords andentrepreneurship in serioultane
	Keeping	This chapter emphasises on the potential seems of
	-18	aquarium HSH Industry as a cottage indust
		and chideline species of aquarium figher to 1
		myoryes orology, 100d and feeding of
		aqualium fishes, fish transportation and maintain
		of aquarium.