

COURSE OUTCOME
DEPARTMENT OF ZOOLOGY
BSC 1ST SEMESTER
PASS COURSE (CBCS).

ANIMAL DIVERSITY

- This course will impart conceptual knowledge of animal classification and characteristics of different phyla.
- Students will understand the various features of Protozoa, Cnidarians, Porifera and comprehensive study of some of its characters.
- This course will help students to learn the basic characters of phylum: Helminthes, Nemethelminthes, Annelida and some of its features in detail.
- By the end of this course, the students will learn the general characters of arthropoda, Mollusca, Echinodermata and elaborate understanding of social life in insects, pearl formation and water vascular system in starfish.
- Acquire knowledge on the Salient features and some detailed characteristics of Protochordates and Amphibia.
- Students will be learning basic understanding on the origin of reptiles, birds and, evolution of mammals and primates.
- Students will also observe and study different museum specimens and do dissection studies in their practical course to further enhance their knowledge.

CBCS

1st Semester Chemistry

Paper Name: CHEM.DSC-1A (T)

**Paper Code: ATOMIC STRUCTURE, BONDING, GENERAL ORGANIC CHEMISTRY
& ALIPHATIC HYDROCARBONS**

Course Outcome:

Course Learning Outcomes: By the end of this course, students will be able to:

- predict atomic structure, understand chemical bonding and predict the molecular geometry based on accepted models
- understand different types of chemical bonding between chemical species
- learn skills in volumetric analysis and purification methods like distillation, crystallization, determining melting and boiling points.
- solve the conceptual questions using the knowledge gained by studying the quantum mechanical model of the atom, quantum numbers, electronic configuration, radial and angular distribution curves, shapes of s, p, and d orbitals, and periodicity in atomic radii, ionic radii, ionization energy and electron affinity of elements.

- understand the basic of organic compounds and explain the differential behavior of organic compounds based on fundamental concepts learnt.
- Understand and formulate the mechanism of organic reactions
- Learn and identify many organic reaction mechanisms including free radical substitution, electrophilic addition and electrophilic aromatic substitution
- Know and understand the preparations and reactions of different hydrocarbon

COURSE OUTCOME OF CBCS (MATHEMATICS)

COURSE OUTCOME OF 1st SEMESTER

COURSE NAME : CALCULUS

This course starts with the basic definition of variables and functions, the domain where the function is defined and different types of functions. Then some properties on functions i'e their continuity is studied along with limits. Then further derivatives of functions are defined along with the rules for differentiation and then, with the use of all these concepts we study some geometric interpretations and finally some introduction on integration is studied.

SAO CHANG COLLEGE

DEPARTMENT OF BOTANY

COURSE OUTCOME FOR BOTANY(CBCS) 1ST SEMESTER 2022

GENERIC ELECTIVE COURSE

Course Code BGE-01(T) & BGE-01(P) : BIODIVERSITY(Microbes, Algae,Fungi And Archegoniatae)

After the completion of the course a student:

CO1- Understand the structure, reproduction, range and importance of microbes. Learn laboratory techniques through models, slides and photographs.

C02- Acquire knowledge on the distribution, significance, classification, reproduction ,its life cycle and economic importance of thallophytes.

CO3- Classify and grasp the morphology, anatomy ,reproduction of Archegoinatae and its significance to nature via knowledge and hands on experience.

DEPARTMENT OF PHYSICS
SAO CHANG COLLEGE, TUENSANG, NAGALAND

Course Outcome for B.Sc. Physics General (CBCS)

Semester - I

Paper Code: DSC Phy 1 & DSC Phy 1 (Lab)

Name of Paper: Mechanics

CO1: Students are able to learn vector algebra, Scaler and vector products, derivative of a vector and vector problem.

CO2: Students learn to solve first order and second order homogeneous differential equations with constant coefficients.

CO3: Students learn Frames of reference, Newton's Laws of motion, Dynamics of a system of particles, Centre of Mass.

CO3: Students learn Conservation of momentum. Work and energy. Conservation of energy. Motion of rockets and related problems.

CO4: Students learn Angular velocity and angular momentum. Torque. Conservation of angular momentum.

CO5: Students learn Newton's Law of Gravitation. Motion of a particle in a central force field. Kepler's Laws . Satellite in circular orbit and its applications.

CO6: Students learn Simple harmonic motion. Differential equation of SHM and its solutions.

CO7: Students learn Hooke's law, Poisson's Ratio, Rigidity modulus and moment of inertia.

CO8: Students learn Special Theory of Relativity, Length contraction, Time dilation, Relativistic addition of velocities.

COURSE OUTCOME OF CBCS 1st SEMESTER

POLITICAL SCIENCE DEPARTMENT

Sl.No.	Paper Code	Course Title	Course outcome
1.	Core Course - 1	Understanding Political Theory	The students will be exposed to the varied ideas and concepts vital for the understanding of political science as a discipline. As intended,

			after completion of the course the basic foundation will be laid through this paper for further analytical and comparative study through reconciliation of theory and actual practice, such as with respect to the theories of states and its actual working.
2.	Core Course - 2	Constitutional Government and Democracy in India	The paper will be instrumental in meeting the objective of introducing the various nuances of The Indian Constitution and the concept of Democracy in India. This course will help the students to deepen their knowledge on the Indian Constitution and its various applications in their day to day life.
3.	General elective -1	Introduction to Political Theory	After completion of the course the students will be equipped with the skills required to engage in debates surrounding the application of the concepts in political theory such as on citizenship, justice, rights, etc.

**COURSE OUTCOME AND PROGRAMME
OF
HISTORY (HONS) CBCS
SAO CHANG COLLEGE**

CC1: History of India -1

The course will provide the students about the knowledge regarding the primitive life and socio-cultural status of the people of ancient India. They will acquire the knowledge about the society, culture, religion and political history of ancient India. Further, the students will also learnt about the trade and urbanization of ancient civilization like Harappan civilization, Vedic Civilization etc.

CC2: Social formations and the Cultural Patterns of the Ancient World.

The course has provided with the proper understanding of the evolution of human society as well as how the human society had transformed from Nomadic to civilized society in ancient history of the world. The students will acquired the knowledge about the ancient Greek and Roman Society.

HISTORY GENERIC ELECTIVE : HIS-HGE 101:

On completion of the course, students will learn from this paper about the socio-cultural history of Palaeolithic, Mesolithic, Neolithic, Harappa and Bronze age in India. The students will

the interpretation of history and acquire the knowledge about the historical sources of Indian Indian History. They can acquire knowledge about the Vedic and post-Vedic cultures, rise of Mahajapadas and religious upheavals in Ancient India.

COURSE OUTCOME OF ECONOMICS (CBCS)

CC1: INTRODUCTORY MICROECONOMICS

The course outcome is that students are exposed to the basic principles of microeconomic theory. Students are also exposed to how the Microeconomic concept can be applied to analyse real life situations of the economics.

CC2: MATHEMATICAL METHODS FOR ECONOMICS-1

Outcome of the course is that students are able to apply mathematical techniques in economic theory in general and real-life situations in particular. Students are also equipped to use these techniques in microeconomic theory and econometrics as well.

GENERIC ELECTIVE 1: PRINCIPLES OF MICROECONOMICS

The course exposed the students the basic principles of microeconomic theory and its applications. The course also equipped the students how to apply the microeconomics concepts to analyse the real life situations.

Course outcome of CBCS 1st Semester Sociology 2022

Core Course I : Introduction to Sociology I

The mandate of the course was to introduce the discipline to students from diverse trainings and capabilities. As intended by the course it had introduced the students to a Sociological way of thinking. It also provided a formulation for the other more detailed and specialized courses in Sociology.

Core Course II : Sociology of India

This paper had introduced the students to the processes and modes of construction of knowledge of India. Further, the paper also acquainted the students to the key concepts and institutions which are useful for the understanding of Indian society.

Generic Elective 01 : Indian Society : Images and Realities

This course had provided to the students an interdisciplinary introduction to Indian society. The course enabled the students to a better social knowledge by broadening their perspective about various contemporary issues of Indian Society such as., Religious Communalism and developmental disparities across the country.

COURSE OUTCOME DEPARTMENT OF ENGLISH SAO CHANG COLLEGE

Course outcome:

- Appreciate the pluralistic and inclusive nature of Indian Classical Literature and its attributes
- Trace the evolution of literary culture(s) in India in its/their contexts, issues of genres, themes and critical cultures.
- Engage with classical literary traditions of Europe from the beginning till the 5th century AD.
- Appreciate the classical literature of Europe and pursue their interest in it.
- Understand to recognize and draft different types of writing – eg classroom notes, summaries, reports, exploratory and descriptive paragraphs, substantiating etc.
- Write a report on an academic or cultural event that takes place in a college or university for a journal or a newspaper.
- See literature as a fine form of expression.
- Show the understanding of literature in the form of extrapolation (see the relevance of a story, poem, play etc. in their own lives).

**COURSE OUTCOME OF CBCS OF EDUCATION 1ST SEMESTER
COURSE CODE:BA/EDN-CC 101
PSYCHOLOGICAL BASES OF EDUCATION**

The objective of this course was to familiarize and acquaint the students with the concept of psychology and its bases in education. The objectives of the course were achieved as the students were able to gain an insight on educational psychology and its applicability in education.

COURSE CODE:BA/EDN-CC 102

PHILOSOPHICAL BASES OF EDUCATION

The intent of the course was to develop an understanding on philosophical foundations in education among the students. As expected the course objectives were fulfilled as the students gained a deeper perception on major roles of philosophy in education and its relevance in the present context.