



Office of the Principal Govt. Degree College, Dharmanagar

Affiliated to Tripura University (A Central University)

Accredited with 'B' grade by NAAC on February 19th, 2016 (CGPA 2.79)

Dharmanagar, North Tripura, 799253 (India)

☎ 03822-220387, Email: gdcdmr@rediffmail.com

Programme Outcome (2017-18)

Bachelor of Arts (BA):

B.A. programme runs in the college is recognized by Tripura University (A Central University) and follows the syllabus prescribed by Board of Under Graduate Studies (BOUGS) of the university. B.A. programme in college meets the standards prescribed by general humanities education. Some learning outcomes of the programme include:

1. To make the learners aware about landmark of historical events, political systems, geographical and social aspects of regional, national and international levels.
2. To impart linguistic skills and proficiency to the learners about the literature, ancient, regional, national and international levels.
3. To sensitize students towards social climate and culture
4. To equip the learners with the skills of citizenship
5. To make the learners aware about Philosophical thoughts - Indian and Western.

Bachelor of Commerce (B.Com):

The Department of Commerce started functioning in the college in 1984. The department offers degree in general course from the date of functioning and honours from the academic session 1996-1997. The Bachelor of Commerce programme has the objective of understanding in accounting, economics, finance, business law, auditing, business management, tax procedures, insurance and banking. On the other hand it also provides knowledge of entrepreneurship, office procedure and communication skills which they can use to understand and participate in the modern business world.

Bachelor of Science (B. Sc):

1. The B. Sc programme acquired the knowledge of various subjects in physical sciences & biological science and this programme develops scientific temperament and attitude among the science graduates.
2. Understanding the basic concepts, fundamental principles, scientific theories and applications related to various scientific phenomena and their relevancies in the day-to-day life.
3. Acquired the skills in handling scientific instruments, planning and performing in laboratory experiments
4. The program also empowers the graduates to appear for various competitive examinations or choose a job of their choice.
5. The programme trains the learners to extract information, formulate and solve problems in a systematic and logical manner.





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Programme Specific Outcome

BENGALI

Semester-1: History of Bengali literature and poetry (old era to middle era).

Semester-2: History of Bengali literature (Modern Era), Rhetoric and Prosody (Chanda).

Semester-3: Bengali poetry (Middle and Modern era).

Semester-4: Structure and pattern of literary article.

Semester-5: Theory of Language and drama.

Semester-6: Selected Novels and short stories.

ECONOMICS

Semester 1: Introduction to economics

Semester 2: Micro economic theory

Semester 3: Macro economic theory.

Semester 4: Public finance, mathematical application in economics.

Semester 5: Development economics, International trade, Basics statistics.

Semester 6: Issues in Indian Economy, History of Economic thought, Basics econometric methods

EDUCATION

Semester 1: Philosophical and sociological foundation of education.

Semester 2: Educational Psychology.

Semester 3: Development of education system in India.

Semester 4: Measurement evaluation and statistics in education.

Semester 5: Educational thoughts and ideas of great educators

Semester 6: Basics of educational research and statistics, educational theories and ideas of great educators.

ENGLISH

Semester 1: History of English Literature (Old English to 17th Century).

Semester 2: History of English literature from 19th to 20th Century plays of Ben Jonson, Marlowe, JM Synge and Shaw.

Semester 3: 16th to 17th century poetry and prose, 18th century poetry, drama and prose.

Semester 4: Romantic and Victorian poetry, Lamb and Hazlitt, 19th Century fiction-Hardy, Dickens Jane Austen, History of English Language, Rhetoric, Prosody, Phonetics, Linguistics.

Semester 5: Late 19th and 20th Century poetry. Hopkins, Yeats, Eliot, Auden, Owen, 20th Century Fiction-Joyce, Lawrence, Mansfield, Maugham.

Semester 6: History of Indian English literature, Drama, Novel, Short Stories, Poetry, Literary criticism and theory (Classical to modern including Indian theory), Other Literatures in English African, Canadian, Australian, Caribbean, American.





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HISTORY

Semester 1: History of India up to c AD 650

Semester 2: History of India c 650c 1550 AD

Semester 3: History of India AD 1500 — AD 1818

Semester 4: History of India 1818 AD — 1947 AD

Semester 5: Rise of Modern West, Mid 15 th to late 18th centuries. Modern Europe and the world c 800 AD — 1939 AD.

Semester 6: History of North East India 1826AD —1949AD. History of China and Japan 1840 — 1949.

KOKBOROK

Semester-1: Historical Development of Kokborok, Genetic Classification, Historical Development of Kokborok Phonology, Morphology and History Of Kokborok Poetry, History of Kokborok Prose and Drama, Vocabulary.

Semester-2: Kokborok Poetry.

Semester-3: Kokborok Grammar, Translation and Transcription.

Semester-4: Novels, Dramas, Short Stories and Literary Essays.

Semester-5: Kokborok Poetry-II.

PHILOSOPHY

Semester 1: Carvaka, Jainism, Buddiism, Nyaya, Vaisesika, Sankhya, Yoga and Vedanta

Semester 2: Theory of Plato, Aristotal, Descartes, Spinoza, Leibnitz, ideas and their classification of Locke, Berkeley, Hume, conception of Kant.

Semester 3: Nature and scope of Psychology, facts of memory, theories of learning, basic concepts of society, major social codes, democracy and its different forms, socialism.

Semester 4: Introduction to logic (western)-I.M. Copi

Semester 5: Tarkasanigraha with Dipika, Annambhatta. Contemporary western philosophy

Semester 6: Ethics and philosophy of religion, Bhagabat Gita-Chapter 3 to chapter 12, Russell-problems of philosophy.

PHYSICAL EDUCATION

Semester 1: Principles and foundation of physical education-I, health education, anatomy physiology, environmental studies, theory of sports and games.

Semester 2 Principles and foundation of physical education-II, yoga officiating and coaching and gender studies, Human body system.

Semester 3: Sports psychology and sociology, sports medicine, physiotherapy and rehabilitation, sports management, Effect of exercise and training over bodily system.

Semester 4: Sports training, Physical Fitness and its components, Physical Exercise and Health Benefits, Sedentary Lifestyle and Hypokinetic Disease.

Semester 5: Sports Injuries, Therapeutic aspects of physical education. Test measurement and Evaluation.





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POLITICAL SCIENCE

Semester 1: Political Theory.

Semester 2: Western political theory

Semester 3: Indian Govt. and Politics

Semester 4: Public Administration

Semester 5: Indian political thoughts, Comparative Govt. and politics.

Semester 6: International relation, political sociology.

SANSKRIT

Semester 1: Grammar and Ethics.

Semester 2: Grammar Metric and Drama.

Semester 3: Prose, Poetry, Polity.

Semester 4: Drama, History of Sanskrit Literature (Classical and Modern).

Semester 5: Veda, Upanishad, History of Vedic Literature, Linguistic and Grammar.

Semester 6: Kavyashastra and Dharmashastra, Introduction of Indian Philosophy.

COMMERCE

Semester 1: Principles of Management, Business Laws, Principles and practice of Accounting.

Semester 2: Business Economics and Business Mathematics, Corporate Laws, Elements of Cost Accounting.

Semester 3: Indian Financial system, Entrepreneurship Development, Advanced Accounting.

Semester 4: Business Economics and Business Statistics, Business Ethics and Communication, Elements of Auditing.

Semester 5: Information Technology and E-Commerce Marketing Management and Human Resource Management, Elements of Taxation.

Semester 6: Optional Subjects, Project and soft skill course.

CHEMISTRY

Semester 1: General Chemistry, Inorganic Chemistry, Organic Chemistry, Physical Chemistry.

Semester 2: Organic Chemistry, Inorganic Chemistry.

Semester 3: Coordination chemistry, Magneto chemistry, Thermodynamics and Kinetics, The liquid state and solution properties, Physical properties and molecular constitution.

Semester 4: Reaction inter mediates, Synthetic Application of active methylene compounds and organometallic reagents, Rearrangement reaction 2nd law of Thermodynamics chemical and ionic equilibrium, Electrochemistry.

Semester 5: d and f block elements, nuclear and radiochemistry, organo-metallic compounds, Bio-inorganic chemistry, Heterocyclic compounds, Carbohydrate, Amino acids and proteins, Pericyclic and Photo chemical reaction, Organic Spectroscopy, Dyes, Drugs and Pesticides.

Semester 6: Electrochemistry 2, Surface properties, macromolecule photo chemistry, atomic and molecular spectroscopy, Statistical thermodynamics, Industrial and green Chemistry.





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MATHEMATICS

Semester 1: Classical Algebra and number theory, Abstract and vector algebra.

Semester 2: Linear Algebra, two and three dimension geometry.

Semester 3: Calculus and vector calculus.

Semester 4: Differential equation, Linear programming Problem.

Semester 5: Mathematical Analysis, Probability and Statistics, Tensor analysis, Dynamics of Particle.

Semester 6: Numerical analysis, C-programming.

PHYSICS

Semester 1: Mathematical methods in physics, mechanics, general properties of matter, Vibration and waves.

Semester 2: Electrostatics and magneto statics, Optics.

Semester 3: Current electricity, Thermal Physics.

Semester 4: Mechanics-II, relativity, Electro magnetism and electromagnetic theory.

Semester 5: Mathematical methods in Physics-II, Atomic and molecular Physics, Electronics (Analogue), Statistical mechanics.

Semester 6: Nuclear physics, Quantum mechanics, Condensed matter physics, Digital electronics and computer.

BOTANY

Semester 1: Fundamental, Environmental and Industrial Botany.

Semester 2: Algae, Bryophytes, pteridophytes, gymnosperms and paleo botany.

Semester 3: Micro biology, Fungi, Plant Pathology and Plant resource utilization.

Semester 4: Morphology, Taxonomy, Anatomy and Ecology and phytogeography.

Semester 5: Cell and molecular biology, Cytogenetic and Plant Breeding, Plant Physiology, Plant Bio-technology.

HUMAN PHYSIOLOGY

Semester 1: Structural units of Human system, Bio-physical and Bio-chemistry principles, Blood, other body fluids and clinical hematology, Bio chemistry and enzymology.

Semester 2: Cardiovascular Physiology including basic idea about common cardio vascular diseases. Respiratory physiology, Physiology of digestion related to clinical aspects.

Semester 3: Neurochemistry and neurophysiology, Renal Physiology and Environmental stress Bio chemistry.

Semester 4: Brain and sensory physiology, Endocrinology and reproductive physiology.

Semester 5: Nutrition and dietics, Molecular biology and immunology.





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ZOOLOGY

Semester 1: Non chordates –I, II, chordate, Taxonomy and classification.

Semester 2: Cell biology, Histology and developmental biology, Applied Zoology.

Semester 3: Genetics, Ecology.

Semester 4: Micro biology, Parasitology and immunology, Tools and Techniques in Biology.

Semester 5: Adaptation, Zoogeography and Ethology, Comparative Animal Physiology, Biodiversity and conservation, Bio statistics.

Semester 6: Evolutionary Biology, Bio Chemistry, Endocrinology and productive biology, Molecular Biology and genetic Engineering.

Course outcome

Name of the Course	Outcome
BA in Political Science	This course let the students to understand and be able to inter-relate the leading political theories and methods, international relations and comparative politics. The course helps the human beings in decisions makings process of political systems including the different forms of government available and to understand the philosophical concepts of major ideologies and political parties.
BA in Education	This course encompasses different perspectives of teaching, psychology and allied aspects. This course acquaints the students with the preparation and implementation of teaching methodologies. It also enhances the knowledge and understanding pertaining to social-cultural aspects
BA in Kokborok	This course let the students to understand the history of Kokborok language and literature, Kokborok poetry , Kokborok drama, kokborok grammer, etc.
BA in History	Thiscourse will acquaints the learner in understanding the sources of History in varied forms, uses and analysis, growth of human civilizations, its basics and glimpses of Ancient world history. It deals with the state formation process, polity and society both in medieval world and in Indian context. Thiscourse will enable the students with the significant developments in the world and changing cultural scenario in India. This course will impart knowledge on the significant changes in the socio-political and economic life in the world and also the political contributions in India. This course will basically enhance the students with different school of thought which ushered the great revolutions in Europe and the beginning of Colonial dominion in India till its freedom.
BA in Philosophy	The course let the students to understand and be able to inter relate the different philosophical theories and methods and comparative study on Indian and Western philosophy. The course helps students to understand the philosophical thinking of different systems, major ideologies of different philosophers.
BA in Economics	The course helps the students who are seeking to build a career in the Economic field. The course covers the definition, scope, limitations,





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	<p>concepts, utility, production, market and other major/minor aspects of economics. This course will enable the learner to understand the basic concepts of economics and its application. The subject will enhance knowledge pertaining to different economic policies, economic variables, statistical and mathematical models for their practical applications. This course will increase the proficiencies of the learners for professional works in business, banking, management and administration..</p>
BA in Bengali	<p>To make students interested in Bengali society, culture, literature and history of the Bengali people. To create a sense of history and historical analysis about literature among the students. To make students aware about the evolution of the history of Bengali Literature and culture. Studying history of Bengali literature helps students to know about religion, society, culture and development of the Bengali literature use in the prose , poetry , drama , short story and novel .</p>
BA in English	<p>This course will familiarize students in English literatures, its theories and criticism, and allied concepts. It will enable learners critically realize and analyze cultural, historical and linguistic aspect of English literature. This course will acquaint students with cultural heritage of Indian literature including North-east literature, European cultural literature, American and British literature. This course will give insights on Indian writings in English, about European drama, British drama and contributions of renowned literary personalities.</p>
BA in Sanskrit	<p>This programme will help to students acquire the Advanced knowledge of ancient Indian religion, literature, and history through the study of Sanskrit texts.</p>
BA in Physical Education	<p>This course helps the students to understand the values and ethics of life and Wholesome development of Individuals personality. This subject helps the student to know about health aspects and maintain good health and fitness for higher achievements in sports. Study of this subject helps the students to know more about the human body which helps him for higher level of sports achievements and adopt training method. Being aiming at harmonious development it also helps individual to stay physically stronger, mentally alert, emotionally balanced and socially adjustable.</p>
B Com in Commerce	<p>The course outcome of this subject are to enable students with the Knowledge in the practical applications of accounting, finance, management, taxation, corporate laws, insurance ,banking, e-marketing etc. Students acquire new skills on the application of statistical tools and techniques in Business decision-making, Popular Quantitative Tools used in Business, practical exposure on calculation of measures of average, correlation and regression</p> <p>Enable students to understand project formulation, Entrepreneurship development, awareness on various Entrepreneurship Development Programme, EDP schemes, knowledge of entrepreneurial skills and to make the students understand the approaches to attain the goals of the business</p>
B.Sc in Chemistry	<p>The course of Chemistry will create interest on Physical Chemistry, Inorganic Chemistry and Organic Chemistry. These will enable the</p>





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	learners to acquire knowledge on concepts, techniques and facts. This course will enhance practical skills vis-à-vis theoretical aspects of different chemical phenomenon. The learners will be acquainted with instruments used in chemistry. The course will also develop the knowledge on different theoretical tools used for the study of chemistry.
B.Sc in Botany	The main objective of the subject is to provide students a holistic understanding of the subject. The course under this subject will enhance knowledge on Cryptogamic botany, Plant taxonomy, Plant Physiology, Biochemistry, Morphology, Anatomy, Reproduction, Biostatistics, Ecology and Evolution. Besides, the subject encompasses Microbiology, Pathology, Biotechnology, Industrial botany, Cell and Molecular Biology, Bioinformatics. It will also acquaint the students with the basic knowledge of tools and techniques in biological science. The practical and projects will enhance knowledge in experimental skills for future research and allied applications.
B.Sc in Physics	The course will develop the basic understanding on mathematical physics, quantum mechanics, statistical mechanics, thermodynamics, electrodynamics, solid state physics, atomic and nuclear physics, electronics etc. This will help in developing scientific intuition and ability to solve scientific problems using theoretical or experimental concepts and techniques. The student will be acquainted with the general physics like laws of motion, sound waves, electrical current, circuits, nuclear physics etc. and mathematical techniques to solve physical phenomenon's. The concept thought in different part of physics can utilised for solving different problems in our daily lives.
B.Sc in Zoology	This course will familiarize the students with Animal classifications, Genetics, Biochemistry, Biodiversity, Public Health and Hygiene, Animal physiology, Endocrinology, Apiculture etc. This will improve the knowledge and perceptions pertaining to animal behaviour, its adaptations and evolutionary aspects. This course will enhance technical skill in biological sciences with an opportunity for future research.
B.Sc in Mathematics	The course will enhance knowledge about trigonometry, geometry, calculus and numerous other theories in mathematics or respective disciplines like computer science or statistics. This will help the students to implement mathematical concepts in real life situations. The inclusion of computer programming and computer lab makes the students able to formulate programs for numerical evaluation of computational problems. They also become familiar with different mathematical software. The students are taught on the application of mathematical principles to the problems of financial mathematics and operation research. The course acquaints the students with the applications of mathematical principles to the problems of mechanics, space dynamics and relativity etc.
B.Sc in Human Physiology	This course outcome helps students to gain in-depth knowledge of both basic and applied areas of Human Physiology. Concepts and knowledge of cell structure and function, histology, gross anatomy, co-ordination between organ systems (integumentary, skeletal, muscular, and nervous etc) will help students in applying the knowledge in different branches of life sciences. This course provides information on human health and medical research related to its social, environmental, and ethical





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implications as a responsible member of society. Some of the applied outcomes of Human Physiology which needs special mention are, Sports & Exercise Physiology, Ergonomics & Work Physiology, High Altitude & Deep Sea Physiology and Space & Aviation Physiology.

