Course Outcomes of the Programmes offered by the College

Programme outcome: B.A.

A graduate in Arts can appear for UPSC, SSC, CGL, IBPS and many other competitiveexaminations.
A graduate in Arts can go for:

- Teaching,
- Banking,
- Management,
- Police Department,
- Journalism,
- Travel & Tourism,
- Law,
- Content writer

- **Course outcome: Bengali**
  - Reading and Analyzing Bengali Literary Texts
  - They have become skilled in Bengali proof reading.
  - Increased knowledge of Bengali grammar and composition and creative writing.
  - Students of Bengali Hons. & General can go for:
    - Higher studies
    - Teaching
    - Local Government offices
    - Translators,
    - Officers/ Managers
    - In publishing houses
    - Journalism

- **Course outcome: English**
  - Reading and Analyzing Literary Texts
  - Having a thorough knowledge of English Literature and culture along with significant stress on Indian English and use of English in India.
  - Increased ability to write in English both Businesses as well as creative writing.
  - Students of English Hons. & General can go for:
    - Higher studies
    - Teaching
    - Professional writing
    - Mass communication
    - Journalism
    - Content writing
    - Civil services
    - Social Media Marketing
    - Event Management

- Human Resources Specialist

- **Course outcome: Sanskrit**
  - After studying Sanskrit language and literature, our students are able to know its relevance in our society and also in our modern education system.
  - Their Communication skill seems more perfect through spoken Sanskrit.
  - They could relate modern Linguistic perspective with ancient one which gradually opened their mind and Knowledge.
  - They are able to understand the scientific view about Sanskrit language which is also perfectly applicable in modern Computer Science.
  - We observed that Sanskrit helped them to explore many unknown periphery about human psychology which enriched their behavior and different level of skills in day to day life.

- **Course outcome: Education**
  - Helps students to get insight into the subject and helps them to understand various concepts and methods related to this field.
  - Students can use their knowledge of educational psychology which enables them to enter into the profession of teaching in a confident way.
  - Students can opt for B. Ed. course and pursue Master degree in the subject. After qualifying NET/SET they can enter into the world of teaching at higher education level.
  - Students of education with their all round knowledge about educational philosophy, educational sociology, educational psychology etc. can contribute towards educational policy making with their research work at various fields of education.
  - Education degree is an excellent starting point for the following careers:
    - Guidance counselor
    - School Psychologist
    - Career counselor
    - Juvenile Correction Worker
    - Education Consultant
    - School Administrator
    - College or University academic advisor

- **Course outcome: History**
  - Studying History is important because it provides identity, improve our decision-making and judgment; teaches us how to learn from the mistakes of others, helps us to understand changes and social development. History is essential to a nation and its citizens.
  - A degree in History provides a set of transferable skills that are applicable to a wide range of careers such as :
    - Higher study
    - Archeologist
    - Numismatist or Epigraphist

    ASI employs archeologists who are entrusted with maintenance of monuments, heritage bodies, museums etc.
    - Museologist/ Curator

    Who deals with design, organization and management of museum.

- Archivist
- Historian
- History experts

Who have tremendous demand in the movie houses.

- Teacher/ Researcher
- Civil Services

- **Course outcome: Economics**

A bachelor's degree in economics is a brilliant approach towards a successful career path:

- Teacher
- Jobs in banks, various Govt. sectors
- Chartered Accountant
- Financial risk analyst
- Stockbroker
- Management Consultants
- Foresters flexibility, problem-solving skills, lousiness related awareness and communication.

- **Course outcome: Philosophy**

As per observations following are the some avenues that can be explored by the pass out students of Philosophy in near future:

- They can practice law efficiently as they have to study logical reasoning extensively throughout the course.
- Pass out students can opt for several competitive examinations like WBCS, UPSC, BANKING, SSC etc.
- They may choose any field in media.
- Students can also search for option in medical ethics ground as because they have to study ethics as one of the main part in Philosophy.
- Moreover those who have scored at least 55% marks in Masters may sit for NET, SET as an entrance exam for college lectureship.

- **Course outcome: Political Science**

- **Generation of political awareness:**

It is through BA in Political Science under CBCS that the more they study; it helps them to become politically aware or conscious about society and its surroundings.

- **Attraction towards civil service or bureaucracy:**

Further it will help to become good administrator, by gaining political power they can think about societal welfare at large.

- **Service to nation:**

The enrolled students have dreams to join Indian Army or Police Service through which they can serve the nation and therefore opted for the course.

- **Detailed study of the subject matter:**

The students think they have to study in detail about the subject to gain knowledge and the system always keeps them on toes so that they can remain updated and abreast with knowledge on the discipline.

Programme outcome: B.Sc.

Study of Science trains the student to be inquisitive and helps them to develop analytical skills. These helps them in their future endeavour in any field. Science students may enter research, teaching or advanced technological fields in addition to the non-specialized fields like administration, defence, banking etc.

- **Course outcome: Geography**

1. After completing three years' honours course in Geography, students acquire strong insight into the fields of geotectonics, geomorphology, hydrology, oceanography, climatology, soil and biogeography, human geography, social and cultural geography, cartography, remote sensing, Geographical information systems etc.
2. The course also includes modules on research methodology, field work and project preparation, practical work etc. and thereby provides the students with strong analytical skill, research ability, observation power and management skill.
3. After acquiring a degree in Geography, a student may pursue his/ her career as a
    - Teacher in the academic institutions
    - Research scholar in the research institutions
    - Cartographer
    - Environmental consultant
    - Town planner
    - GIS professional
    - Remote sensing professional
    - Conservator of forest
    - Consultant in the field of soil and agriculture
    - Landuse specialist and planner etc.
4. Career in Geography offers opportunities to develop solutions to some burning issues of modern era like - climate change, disaster management, urban expansion, population explosion, environmental pollution etc.

- **Course outcome: Chemistry**

After the completion of B. Sc. in chemistry the students are able to:

- gain theoretical as well as practical knowledge of handling various instruments and understand the concept of chemistry to inter-relate and interact with the other subjects like Mathematics, Physics, Bio-science etc.

- achieve the skill required to work in Graduate schools, Professional schools and in the Chemical industries like Cement industries, Paint industries, Rubber industries, Petrochemical industries, Fertilizer industries etc.
- understand the application of Magnetic Spectroscopy, Resonance Spectroscopy, Mass Spectroscopy and Infrared Spectroscopy in the field of research activity.
- gather knowledge of food preservation in the time of energy descent and include canning, dehydrating, fermenting, food preservation history associated with insuring food security.
- correlate with pharmacology of a disease and its migration or cure and also acts as a stepping stone for use of sophisticated analytical and computational tools.
- develop skill to face the environmental issues with proper scientific knowledge.

- **Course outcome: Mathematics**

The MTMA (B. Sc. Honours in Mathematics) students, after three years of study, achieve the following.

1. ACADEMIC DEVELOPMENT
    - They get a good grounding in rudiments of higher mathematics, both pure and applied field of Mathematics, viz. Classical, Abstract and Linear Algebra, Two dimensional and three dimensional Geometry, Vector and Tensor, Real and Complex Analysis, Mechanics, Hydrostatics, Numerical Analysis, Statistics etc.
    - This should prepare them for post graduate studies in Pure and Applied Mathematics as well as Statistics.
    - They have got the ability to know about the research areas in various fields of Mathematics and its allied areas by attending different seminar lectures held in the parent college and in the other colleges.
2. SKILL DEVELOPMENT
    - The students learn "C", a high level computer language in their practical classes. As this knowledge is in much demand in both academicals and job market, it should help them in their career.
    - They get the ability to solve numerical and statistical problems by writing programmes using "C" language.
    - Development of basic mathematical problem solving skill helps the students to perform well in the competitive entrance examinations for higher studies like MCA, MBA, JECA, M. Tech. etc.

3. JOB ORIENTED DEVELOPMENT
    - Statistics is a part of the syllabus. The students may pursue higher studies in Statistics or related fields like big data analytics, financial statistics etc.
    - It also has a high demand in the job market and students are able to succeed in the competitive examinations.
    - They are also skilled enough to perform well in different types of competitive examinations like Banking service, Railway service, School service, Public service etc.
    - They are also able to got job directly in corporate sector through on and off campus interviews.

- **Course outcome: Zoology**

Students opting for this course are expected to have the following course outcomes:

- Understanding the extensive diversity of life.
- Conceptualizing the theories and practice of outline classification of the animal kingdom.
- Study of salient features of chordates and non-chordates.
- Obtaining knowledge about life processes form unicellular to multicellular levels.
- Knowing the applications and concepts of molecular biology.
- Illustrating the intricate processes of cell biology, individual structure, function and energy relationships.
- Explaining concepts of animal and human physiology.
- Improving knowledge in Biochemistry, including kinetics & energetics.
- Detail understanding of comparative anatomy of vertebrate systems and structures.
- Learning salient features of animal physiology and life processes.
- Conceptualizing the basics of immunology.
- Revealing fundamentals of ecology and its applications.
- Scientific understanding of Genetics and Developmental Biology practical applications.
- Learning salient concepts and processes in Evolution.
- Getting knowledge of Parasitology.
- Specific study on Biology of insects
- Ability to understand Endocrinology, its principles and impacts on life.
- Conceptual understanding of reproductive Biology with special reference to Reproductive health.
- Developing knowledge about Animal cell biotechnology with advanced genetic engineering techniques.
- Acquiring knowledge about Animal Behaviour and Chronobiology.
- Understanding principles and practices of fish and fisheries.
- Learning the principles and applications of Sericulture, Apiculture, Medical Diagnostic technique and Aquarium Fish keeping as Skill Enhancement Course for preparing a career.

- **Course outcome: Physics**

After completion of this course, students are able to

- apply theoretical knowledge of principles and concepts of Physics to practical problems.
- use mathematical techniques and models to interpret behaviour of physical systems.
- plan, execute and report on experiments, including the analysis and interpretation of
- experimental results.
- assess the errors involved in an experimental work.
- understand the basic concepts of certain sub fields such as nuclear and high energy physics, atomic and molecular physics, solid state physics, plasma physics, astrophysics, general theory of relativity, nonlinear dynamics and complex system.
- learn related skills like high level computer languages like C and related discipline like statistics, which have high potential and demand in current job market.

Course outcome: Computer Science

- Students acquire Software and Hardware skill and knowledge on several topics in Computer Science. They gather knowledge on computer languages, Database, digital and Analog Circuits, Operating Systems, Algorithms, Networking, Data Communication, Computer Graphics, Microprocessor, Data Structure etc.
- As the course is already designed as a job oriented course, students usually get job offers after completion of this course. Students also acquire enough knowledge to get admission to postgraduate courses in various fields of Computer Science.
- A graduate in Computer Science can work in
    - Software Industry
    - Hardware Industry
    - Banking
    - Teaching
    - Management
    - Railways
    - Multimedia Industry

Programme outcome: B.Com.

- After completing three years of Bachelors in Commerce (B. Com.) course, students acquire a thorough foundation in the fundamentals of an array of subjects like accounting, finance, auditing, taxation, management, business communication, business laws, entrepreneurship, economics, applications of mathematics and statisticsin business and commerce, marketing and e-commerce, basics of information technology, etc.

- After completing graduation in Commerce, one can pursue a Master's degree and then apply for the National Eligibility Test (NET) for going into academics like becoming an Assistant Professor or a researcher.

- Most students take up Commerce at the undergraduate level just to become a professional like chartered accountant (CA) or company secretary (CS) or cost and management accountant (CMA). There is a high demand for such professionals in the country – in the corporate as well as in the non-corporate sector. Moreover, acquiring these qualifications opens up the avenue for independent practice.

- After completing B. Com., students can also pursue globally recognized and reputed overseas professional courses like CMA from the UK, ACCA and CA from the UK, and CPA and CFA from the USA.

- A large number of Commerce graduates also opt for Management or Business Administration courses to acquire necessary knowledge and skill for enteringmanagerial jobs with good pay in the corporate sector.

- A career in Law in general and Company Law in particular, is also an option before Commerce graduates. After B. Com., one needs to get a Bachelors' Degree in Law (LL.B.) recognized by Bar Council of India to practise law in India.

- After completing B. Com., one can also apply for competitive exams for getting government jobs. One can apply for Civil Services Exams (IAS, IES, IPS), SSC CGL, Railway (RRB) Exams, Banking Exams (IBPS PO, IBPS Clerk, SBI PO, RBI, etc.)

- Conceptual understanding of the underpinnings of financial and cost accounting, financial management, direct and indirect tax system, company law provisions, auditing procedure, statistical applications, and marketing help to acquire the practical skills to work as tax consultant, auditor, management consultant, financial expert, stock market analyst and similar other support services.

- Students of B. Com. also acquire sufficient business communication skill and basic managerial, strategic and entrepreneurship skills as well. They can independently start up a business venture as career.

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