**B.Com (Hons.)**

**DEPARTMENT OF COMMERCE**

**B.COM (HONS.) 3 YEARS PROGRAMME**

**PROGRAMME SPECIFIC OUTCOMES:**

PSO1: Students will be able to understand the role of business-men, entrepreneurs, managers, consultants, and the same is required for critical decision making.

PSO2: This course provides a learning environment to the students through students can understand the global and national perspective of the economy.

PSO3: The course will provide the skills required for effective communication, decision making techniques which are useful for day to day routine business problems.

PSO4: Through this programme the students will involve in various co-curricular activities; and demonstrate their practical and theoretical knowledge; and gain practical exposure incorporate world.

PSO5: Students will be able to do higher education and advance research in the field of commerce and finance. They can go for MBA from reputed B-Schools, PGDM or for M.com.

PSO6: Students are able to understand and develop ethical, logical and professional behavior.

PSO8: It helps the students to demonstrate adequate skills, knowledge and ability to nurture them for tackling the different situations of the life for their overall development.

**DEPARTMENT OF MEDICAL SCIENCE**

**B.SC (MEDICAL) –3 YEARS PROGRAMME**

**PROGRAMME SPECIFIC OUTCOMES**

PO1: **Scientific and Social knowledge:** Gain and apply the knowledge so acquired of mathematics, physics, chemistry, computational skills and fundamentals, to the solution of complicated Scientific and technical problems besides to enable them to pursue higher courses..

PO 2: **Problem probing and analysis:** To probe**,** analyse**,** Identify, formulate, and to review literature for reaching solutions to scientific problems and to drive ultimately conclusions using rudiments of all natural sciences, language and IT knowledge.

PO 3: **Conceive, design and develop solutions:** To probe concepts**,** design and obtain solutions for complex scientific problems and design system elements that meet the required needs with appropriate consideration for the environmental, industry, the societal and environmentalattributes.

PO 4: **Carry out investigations of difficult problems:** Use class-room knowledge and skills including formulation of experiments, and interpretation of data, and synthesis of the information to reach appropriate conclusions.

PO 5: **Modern technology usage:** Develop and apply appropriate techniques, resources, IT tools and activities within thelimitations.

PO 6: **The scientist, economists, Political leadership and society:** Apply reasoning and knowledge to assess societal, Political, commercial, business managerial, technical, and cultural issues and decide responsibilities concerning the professional scientific and technical practices.

PO 7: **Environment and sustainability:** Assess the impact of the professional solutions relevant to industrial, societal and environmental and exhibit the knowledge and need for sustainablegrowth.

PO 8: **Conduct and Ethics:** Follow and apply the elements of good conduct and ethical principles, responsibilities and norms of the professional practice.

PO 9: **Work Compatibility:** Perform effectively as a team member or as an individual, in different groups, teams, and in multidisciplinary environs.

PO 10: **Communication Skills:** Develop communication skills effectively while discharging and performing professional activities with the technical community and with public at large, so as to be able to able to comprehend and write effective reports and documentation, and make effectivepresentations.

PO 11: **Financial and Project management:** Exhibit effectively knowledge and understanding of the professional projects and apply principles of financial management to manage projects.

PO 12: **Inculcation of Life-long learning:** Identify the need for, and ability to involve in independent and lifelong learning in the broadest context of technological Environment.

PO 13: **Gainful jobs and placements:** Find gainful employment in industry or government, be accepted at graduate or professional schools or find employment in school systems as

instructors, teachers or administrators.

#### Programme Specific Outcomes (PSOs) for Undergraduate Science Programmes

PSO1: This Programme enables the students to gain basic knowledge about various physical properties e.g. mechanical, electrical, magnetic, electronic & optical etc.. They also gain practical knowledge of applications of probability, statistical mechanics, solid state physics, quantum & nuclear physics.

PSO2: Students acquire knowledge about fundamental theories of chemical and scientific phenomena and their applications in everyday life.

PSO3: Students would become aware of the influence of chemistry on the environment and other areas beyond scientificfield.

PSO4: Basic knowledge of mathematics & practical application of computer Programming in FORTRAN & other scientific languages is gained so as to solve scientific problems.

PSO5: This Programme also trains the learners to extract information, formulate and solve problems skilfully applying the analytical reasoning & critical thinking.

PSO6: Students get hands on training of scientific experiments which enables them to record the measurements accurately and analyse the experimentalresults.

PSO7: The qualities such as observation, precision, analytical & logical thinking, clarity of thought & expression, systemic approach, qualitative and quantitative decision making are enhanced.

PSO8: Students gain confidence in presenting the scientific results publically before subject experts.

PSO9: The present subject area of science will increase the capability of students in exploring interdisciplinary scientific research areas.

PSO10: This Programme acts as a launching pad to go for masters degree in physics/ chemistry/ maths/ computer science and pursuing research in science & technology. It also enables the graduate to appear for various competitive exams in diverse fields such as Defence, Banking, Industries & other Public Services to serve the nation.

PSO11: Students will have overall development with respect to moral and social values which benefits them at personal as well as society level leading them to become a better civilized citizen.

**DEPARTMENT OF NON-MEDICAL SCIENCE**

**B.SC (NON-MEDICAL) –3 YEARS PROGRAMME**

**PROGRAMME SPECIFIC OUTCOMES**

PO1: **Scientific and Social knowledge:** Gain and apply the knowledge so acquired of mathematics, physics, chemistry, computational skills and fundamentals, to the solution of complicated Scientific and technical problems besides to enable them to pursue higher courses..

PO 2: **Problem probing and analysis:** To probe**,** analyse**,** Identify, formulate, and to review literature for reaching solutions to scientific problems and to drive ultimately conclusions using rudiments of all natural sciences, language and IT knowledge.

PO 3: **Conceive, design and develop solutions:** To probe concepts**,** design and obtain solutions for complex scientific problems and design system elements that meet the required needs with appropriate consideration for the environmental, industry, the societal and environmentalattributes.

PO 4: **Carry out investigations of difficult problems:** Use class-room knowledge and skills including formulation of experiments, and interpretation of data, and synthesis of the information to reach appropriate conclusions.

PO 5: **Modern technology usage:** Develop and apply appropriate techniques, resources, IT tools and activities within thelimitations.

PO 6: **The scientist, economists, Political leadership and society:** Apply reasoning and knowledge to assess societal, Political, commercial, business managerial, technical, and cultural issues and decide responsibilities concerning the professional scientific and technical practices.

PO 7: **Environment and sustainability:** Assess the impact of the professional solutions relevant to industrial, societal and environmental and exhibit the knowledge and need for sustainablegrowth.

PO 8: **Conduct and Ethics:** Follow and apply the elements of good conduct and ethical principles, responsibilities and norms of the professional practice.

PO 9: **Work Compatibility:** Perform effectively as a team member or as an individual, in different groups, teams, and in multidisciplinary environs.

PO 10: **Communication Skills:** Develop communication skills effectively while discharging and performing professional activities with the technical community and with public at large, so as to be able to able to comprehend and write effective reports and documentation, and make effectivepresentations.

PO 11: **Financial and Project management:** Exhibit effectively knowledge and understanding of the professional projects and apply principles of financial management to manage projects.

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instructors, teachers or administrators.

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PSO3: Students would become aware of the influence of chemistry on the environment and other areas beyond scientificfield.

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PSO7: The qualities such as observation, precision, analytical & logical thinking, clarity of thought & expression, systemic approach, qualitative and quantitative decision making are enhanced.

PSO8: Students gain confidence in presenting the scientific results publically before subject experts.

PSO9: The present subject area of science will increase the capability of students in exploring interdisciplinary scientific research areas.

PSO10: This Programme acts as a launching pad to go for masters degree in physics/ chemistry/ maths/ computer science and pursuing research in science & technology. It also enables the graduate to appear for various competitive exams in diverse fields such as Defence, Banking, Industries & other Public Services to serve the nation.

PSO11: Students will have overall development with respect to moral and social values which benefits them at personal as well as society level leading them to become a better civilized citizen.

B.A HISTORY HONS

History Programme Outcome

1. Students after reading history courses can develop their interest regarding preservation jobs in various Museum, Archives.

2. Students develop deep understanding about historical events and cultural issues which makes them more aware and helps them to be a responsible citizen.

3. Students in their professional life can go for various competitive jobs and teaching career.

4. Students will develop the understanding of the diversity of human experience including ethnicity, race, language, gender as well as political, economic, social and cultural structures over time and space.

**Programme Outcomes for B.A.Hons. Psychology**

PO 1: To impart conceptual and theoretical knowledge in basic and applied

areas of Psychology.

PO 2: Prepare students for the academic and professional fields of psychology

in general and, specifically, in the field of Clinical Psychology, Counselling and

Organisational Psychology.

PO 3: These Programmes enhances the confidence of the graduates through

carefully chosen curriculum with emphasis on practical learning, activities and

close interaction with teachers &amp; fellow students.

PO 4: These Programmes does not restrict the graduates to one specific lane. It

empowers them to appear for various competitive examinations or choose the

post graduates Programmes of their choice.

PO 5: To familiarize the students with research methodology and psychological

assessment.

PO 6: The students are given exposure to creative environment which sparks

their thought process and help to think of the solutions of various issues in life

to make this society a better place.

PO 7: This Programme prepares them well to explore and avail opportunities

available.

PO 8: The Programme lays the foundation to become a responsible citizen and

meaningfully contribute to society.

PO 9: Integrating knowledge, skill and attitude that will sustain an environment

of learning and creativity among the students.

PO 10: Enabling graduates to be capable of making decisions at personal and

professional level.

**Programme Specific Outcomes (PSOs) for B.A.Hons. Psychology**

PSO 1: Students would gain competencies and professional skills for working

and conducting research in the field of Clinical Psychology, Counselling and

Organisational Psychology.

PSO 2: The students are enabled to acquire knowledge in the field of social

sciences, and humanities which make them sensitive and sensible enough.

PO 3: These Programme also would empower the graduates to appear for

various competitive examinations or choose the post graduate Programmes of

their choice.

PSO 4: Students would gain competencies and professional skills for working

and conducting research in the field of Clinical Psychology, Counselling and

Organisational Psychology.

PSO 5: The students will be stimulated enough to think and act over for the

solution of various problems prevailed in the human life to make this world

better than ever.

PSO 6: Programme would provide them the base to be the responsible citizen.

**Subject: English**

**Name of Programme: BA**

**Programme Outcomes (POs) for B.A.**

PO1: Students obtain expertise in the fields of social sciences, literature and humanities, making them sufficiently receptive and sensible.

PO2: The students will get familiar with the thoughts and concepts of social, economic, cultural and political critical thinking.

PO3: The curriculum familiarises them with the complexities of language, making them successful communicators.

PO4: This programme strengthen the morale of learners through carefully selected curriculum with focus on practical learning.

PO5: The B.A. Program helps students to gain knowledge of human values that form the basis for coping with different issues with bravery and humanity in life.

**Programme Specific Outcomes (PSOs) for B.A.**

PSO1: Students are empowered to gain expertise in the fields of social sciences, literature and humanities that make them sensitive and sensitive enough.

PSO2: The curriculum will also enable graduates to take part in various competitive exams or to select the post-graduate programmes of their choice.

PSO3: Programme would provide them the base to be the responsible citizen.

PSO4: The Programme also would empower the graduates to appear for various competitive

examinations or choose the post graduate Programmes of their choice.

PSO5: Students are introduced to an innovative atmosphere that sparks their thinking process and encourages to think of solutions to different problems in life.

PSO6: The Curriculum lays the framework for being a productive citizen and for making a positive contribution to society.

**Programme Outcomes, Programme Specific Outcomes and Course Outcomes of B.A. (Hons.) Economics**

**Programme Outcomes (POs) for B.A. (Hons.) Economics**

PO1: Analysing theories of consumer behaviour for getting satisfaction and how government intervention can improve consumers‘ welfare

PO2: Analysing and understanding various techniques and production functions for optimum utilization of resources

PO3: Understanding and comparing performance of Indian economy over the planning period so as to know achievements and short comings of Indian plans

PO4: Understanding various economics concepts using mathematical and statistical tools and applying them in business decision making

P05: Evaluating scope and mechanism of International trade and payments and gains from international trade and knowledge of terms of trade

**Programme Specific Outcomes (PSOs) for BA (Hons.) Economics**

PSO1:Understanding and analysing consumer behaviour to get satisfaction and how government intervention can improve consumers‘ welfare

PSO2:Learning the ways and means of achieving macroeconomics stability in the economy through understanding macroeconomic variables like National income, output and employment

PSO3:Analysing and comparing performance of Indian economy over the planning period so as to know the impact of five years plans

PSO4:Knowledge of mathematical and statistical analysis of various economic problems both at micro and macro level

PSO5:Understanding and evaluating scope and mechanism of International trade and payments so as to analyse financial soundness of Indian economy and reasons and impact of international trade

PSO6:Identification and application of fiscal instruments viz., taxes and public expenditure for achieving socio-economic objectives of Government‘s policies

#### Bachelor of Computer Applications

#### Program Outcomes for BCA Graduates

PO 1: Provide sound academic base for an advanced career in Computer Applications, develop conceptual grounding in computer usage and introduce the organization of a computer and its principal components.

PO 2: Equip students with the latest technology, tools and applications in IT and to meet the ever-growing requirement of IT professionals.

PO 3: Demonstrate the ability towards technological changes and innovations in the discipline.

PO 4: Enable students to analyze implement and evaluate computerized solutions to real life problems, using appropriate computing methods.

PO 5: Provide proficiency in the basic mathematics employed in computer science, differentiate among essential data structures used in computer Programming, and explain how they work.

PO 6: Gain knowledge of algorithms and their role in computer science; identify fundamental structured Programming techniques; utilize important data structures and associated algorithms in the development of computer Programmers.

PO 7: Develop computer Programs using functional Programming and object-oriented Programming paradigms; apply techniques of software validation and reliability analysis to the development of computer Programs.

PO 8: Demonstrate the critical thinking and communication skills; create awareness of public health hazards and environmental policies; assure the dignity of the individual and the unity and integrity of the nation.

PO 9: Instil in the students a healthy respect for the rich diversity in Indian society and culture.

**Program Specific Outcomes (PSOs) for BCA**

Bachelor in computer applications (BCA) gives a number of opportunities to individuals to go ahead and shine in their lives.

PSO1: Focuses on preparing students for roles pertaining to computer applications and IT industry such as Software Developer, System and Network Administrator, Web Designer, Faculty for Computer Science and Applications.

PSO2: Develop Programming skills, networking skills, problem solving skills and learning latest techniques of IT.

PSO3: Give ability to use innovative tools, techniques and skills necessary for developing multidisciplinaryprojects.

PSO4: Students would train proficiency in designing and using algorithms, data

Structures/management, and software design, concepts of Programming

Languages and computer

**Elective Subject : EVS**

**Semester : II**

**EVS**

* Primary basic principles and techniques of ecological and physical sciences and their application to solve environmental issues.
* The main concepts and methods of economic, political and social analysis relevant to the design and assessment of environmental policies and institutions.
* Understand the transnational significance of environmental issues and how to solve them, including relationships around local and global scales.
* Reflect objectively on their positions and identities as people, consumers and environmental actors in a dynamic, interconnected world.
* **M.Sc. Mathematics (Regular Course)**
* Choice Based Credit System (CBCS)
* **Program Specific Outcomes**
* Students would be able to
* **PSO1** Understand the core and concepts of Mathematics and its applications.
* **PSO2** To stimulate analytical and logical thinking.
* **PSO3** To relate the topic withreal life problems and learn to solve them through optimization and techniques.
* **PSO4** Motivate students to pursue higher studies and advise them to conduct research work by participating in various seminars and conferences.
* **PSO5** Also preparing them for upcoming competitive examinations in various sectors like banking, education, industries and various others.

**COURSE OUTCOMES FOR M.A. ENGLISH CBCS**

**Programme Specific Outcomes:**

P. S. O. 1. Firm grounding in English Literature and Literary

P. S. O. 3. Ability to relate literature to its wider artistic context

P. S. O. 4. Ability to relate literature to its wider cultural context Studies

P. S. O. 2. Ability to relate literature to its wider intellectual context

P. S. O. 5. Ability to read literature in tandem with philosophical postulations

P. S. O. 6. Better developed humanistic and cosmopolitan perspective

P. S. O. 7. Enhanced competence in the use of English language phonologically and

syntactically and add to general abilities of employment

P. S. O. 8. Eligibility to teach English Language and Literature at College and University

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| Course Code: 16ENG21C1 | **Semester I** |
|  |
| Course: I (Core Course I) | Nomenclature of the Course: English |
| Literature (1350-1660)-I |  |

# M.A.Economics 2 Years Programme Programme Specific Outcomes

PSO1 To impart in depth knowledge to students about economic theory regarding utilization and allocation of resources including labour, natural resources and capital.

PSO 2 To develop students understanding about how market for goods and services function and how income is generated and distributed.

PSO3 To give students in depth knowledge into special fields of choice like agricultural economics, industrial economics, financial market, development economics, international trade, urban economics econometrics, mathematical economics etc.

PSO4 To make students familiar with economic theories and their relevance, econometrics, quantitative techniques and applied research in a wide variety of fields within economics.

PSO5 Students would know how the economy is influenced by economic policy, technological advances and demographic conditions