



**PROGRAMME OUTCOMES (PO)  
PROGRAMME SPECIFIC OUTCOMES (PSO)  
COURSE OUTCOMES (CO)  
(UG AND PG)  
ARTS, COMMERCE AND SCIENCE  
2017-2018**



**Doranda College  
Ranchi University, Ranchi  
Jharkhand, India**



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**INTRODUCTION:**

For every stream, broad expectations listed by the university as well as Institution. The goal of creating an academic program assessment plan is to facilitate continuous program level improvement. A program assessment plan should be developed collaboratively among faculty who teach the program. A program level outcome assessment plan provide faculty with a clear understanding of how their program is assessed.

**Program Outcomes (POs)** is a systematic method for collecting, analyzing, and using information to answer questions about projects, policies and programs particularly about their effectiveness and efficiency. In both the public and private sectors, stakeholders often want to know whether the programs they are funding, implementing, voting for, receiving or objecting to are producing the intended effect. While program evaluation first focuses around this definition, important considerations often include how much the program costs per participant, how the program could be improved, whether the program is worthwhile, whether there are better alternatives, if there are unintended outcomes, and whether the program goals are appropriate and useful. Evaluators help to answer these questions, but the best way to answer the questions is for the evaluation to be a joint project between evaluators and stakeholders.

**Programme Specific Outcomes (PSOs)** are narrow statements that describe what the students are expected to know and would be able to do upon the graduation. Program outcomes represent broad statements that incorporate many areas of inter-related knowledge and skills developed over the duration of the program through a wide range of courses and experiences. They represent the big picture, describe broad aspects of behaviour, and encompass multiple learning experiences.

**Course outcomes (Cos)** also referred as learning outcomes are measurable statements that concretely formally state what students are expected to learn in a course. While goals or objectives can be written more broadly, learning outcomes describe specifically how learners will achieve the goals.



## PROGRAMME OUTCOMES (POs)

### **PROGRAMME OUTCOMES FOR BACHELOR OF SCIENCE (B. Sc) & MASTERS IN SCIENCE (MSc.):**

Students seeking admission for B.Sc. or M.Sc. programme, permeating following qualities which help them in their future life to achieve the expected goals.

**PO 1.** Conduct research relevant to a scientific issue, evaluate different sources of information including secondary data, understanding that a source may lack detail or show bias.

**PO 2.** Appreciate the role of science in society; and its personal, social and global importance; and how society influences scientific research.

**PO 3.** To understand and analyse the data (qualitatively/quantitatively) to identify patterns and relationships, identify anomalous observations, draw and justify conclusions.

**PO 4.** To recognize questions that are appropriate for scientific investigation, pose testable hypotheses, and evaluate and compare strategies for investigating hypotheses.

**PO 5.** Students should appreciate the role of science in society; and its personal, social and global importance.

**PO 6.** Understanding environmental concerns by the students at the undergraduate level.

**PO 7.** Understanding the relationship of man with the environment and help them change his attitude for more positive, proactive, eco-friendly and sustainable lifestyles.

**PO 8.** Getting information about climate change, Global warming, Acid rain, Greenhouse effect, Ozone, layer depletion.

**PO 9.** Cultivating attitudes to safeguard the environment built particularly with field experience.

**PO 10.** Realization of the impact of human actions on the immediate environment and the linkage with the larger issues.

### **PROGRAMME OUTCOMES FOR BACHELOR OF ARTS (BA) & MASTERS IN ARTS (MA):**

Students seeking admission for B.A. programme, permeating following qualities which help them in their future life to achieve the expected goals.

**PO 1.** Realizing human values.

**PO 2.** Becoming a responsible and dutiful citizen.

**PO 3.** Acquiring critical temper.

**PO 4.** Inculcating creative ability.

**PO 5** Getting well acquainted with the historical events happened in India as well as in the world.

**PO 6.** Getting acquainted with social transactions, social relations, social formations, social control, social values and culture.

**PO 7.** Working in NGOs and preparing for competitive exams

**PO 8.** Creating interest in basic Knowledge and major Knowledge in literature.

**PO 9.** Developing reading, writing, speaking and listening skills in language.

**PO 10.** Developing the Knowledge about theories of economic growth.



## **PROGRAMME OUTCOMES FOR BACHELOR OF COMMERCE (B.COM)/ BACHELOR OF BUSINESS ADMINISTRATION (BBA)/ BACHELOR OF COMPUTER APPLICATIONS (B.C.A)**

Above course is structured and administered to cater to students professionally

**PO 1.** Knowledge- Lay strong academic foundations to develop competent knowledge sets unique to business environment.

**PO 2.** Problem analysis/ solving, Design and development of solutions: Impart analytical skills and soft skills required in workplaces and for progression into prestigious post graduate education.

**PO 3.** Environment sustainability: Education in the value of trusteeship while engaging in environmental and social issues.

**PO 4.** Ethics and Communication: Education in ethical principles leading to personal values, professional ethics and resulting in critical consumption and just business practice.

**PO 5.** Individuality and Teamwork: Development of entrepreneurial mindset, leadership skills and emotional intelligence to face the evolving marketplace.

**PO 6.** Competencies for employment and Research: Instil professional competencies and values that aid in rapid professional growth and to be in positions of responsibility and governance that help serve for the betterment of society.

**PO 7.** Cultural and Global engagements Principle of Solidarity and Kinship – integrate diverse perspectives of commerce, business, economic, social and cultural leanings that link local and global realities.

**PO 8.** Community engagement -Sharing privileges, engaging in critical debate and using talents for community gains.



## PROGRAMME SPECIFIC OUTCOMES (PSOs) & COURSE OUTCOMES (COs)

### 1. Bachelor of Arts in Bengali

#### Program Specific Outcomes (PO) for B. A. Bengali

**Programme Specific Outcomes:** Bengali degree holders are;

**PSO 1.** Develop a strong concept of linguistics and basic Bengali grammar, history of old, medieval and modern Bengali literature.

**PSO 2.** The students should possess the fundamental knowledge of Bengali Prosody, Rhetoric, Deferent literary theory, Tragedy, Comedy, Romanticism, Classicism, Epic, Ode, Ballad etc.

**PSO 3.** Students are enabled to transfer and apply the acquired concepts and principles to study different branches of Bengali literature that is fiction, short story, essay and poetry.

**PSO 4.** Understand the principles and application of classification of Drama, Novels, and Poetry.

**PSO 5.** Develop a conception of aesthetic sense and understand the interdisciplinary approach.

#### Course Outcomes (CO) for B. A. Bengali

**CO 1.** Students will gain a strong idea about the origin and development of Bengali language.

**CO 2.** Students will be able to gain an idea about the ancient, medieval and modern poets and Bengali literature and also get understanding of poetry, rhyme, rhetoric and philosophy of life poets, poetry, language and society of Bengali literature.

**CO 3.** Students will be able to get a thorough understanding of the ancient and medieval, contemporary language, literary theory, Bengali rhyme and rhetoric, literary practice and various aspects of social life.

**CO4.** Students will be able to get a good idea about Bengali poems and short stories by different authors.

**CO5.** Students will be able to gain a thorough understanding of character thinking, social thinking and the structure of novels in the novels of different novelists.

### 2. Bachelor of Arts in Economics

#### Programme Specific Outcomes (PSO): B. A. (Economics)

**Programme Specific Outcomes: Economics degree holders are,**

**PSO 1.** Understanding how different degrees of competition in a market affect pricing and output.

**PSO 2.** Understanding the efficiency and equity implications of market interference, including government policy.

**PSO 3.** Developing research Knowledge in economics and also Developing the skill of data collection & use of sampling techniques in research.

#### Course Outcomes (CO) for B. A. Economics

**CO1:** Students understand the behaviour of demand and supply in fixing prices of different commodities in different markets.



**CO 2.** Students also become able to critical thinking on the consumers' behaviour cantering 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.

**CO 3.** Able to analyse the different basic concept of macroeconomic policies including monetary and fiscal policies like- investment, government expenditure, employment, consumptions, international trade, etc.

**CO 4.** Understand the Indian economy in the context of liberalization, globalization, localization, etc. and the recent trend of Indian and world economy as a whole.

**CO 5.**

### **3. Bachelor of Arts in English**

#### **Programme Specific Outcomes (PSO) for B. A. English**

**Program Specific Outcomes of English:** Students who have bachelor degree in English have,

**PSO 1.** Literary Acumen: Students will get a comprehensive idea English Literature as a whole. They will also be able to judge literary quality of any literary text and to find connections and continuities of the past and present as well as identify disjuncture in these traditions.

**PSO 2.** Cultural Integration: Students will be aware of the importance of the coexistence of different cultural perspectives and be tolerant to views different from their own.

**PSO 3.** Academic Writing: Skills of interpretation, analysis, appreciation of literature as well as writing and presentation skills that would eventually help in careers like journalism and media, publishing, research and teaching will be inculcated in the students.

#### **Course Outcomes (CO) for B. A. English**

**CO 1.** Students develops broad understanding of the history of English Literature from Beginning to the Elizabethan Age seminal poetic voices, to dramas and non-fictional prose writings of the Romantics and Victorians through the study of selected texts.

**CO 2.** 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.

**CO 3.** Familiarise with the English Language and its Development and understanding of New Literatures in English through the study selected literary text.

**CO 4.** Students acquainted with World Literatures in English Translation through the study of selected texts.

**CO 5.** Students have a broad general understanding of Indian Writing in English through the study selected literary text.

### **4. Bachelor of Arts in Geography**

#### **Programme Specific Outcomes (PSO) for B. A. Geography**

**Programme Specific Outcomes** Geography degree holders are,

**PSO 1** Serving as a Geographer and Work as a teacher in colleges, schools and high schools.

**PSO 2** Serving as conserver in forest, Soil, Agricultural Departments and Work in disaster and water resources management.

**PSO 3** Serving in cartographer in map making divisions of government.



### **Course Outcomes (CO) for B. A. Geography**

**CO 1.** Exploring the broader perspective of scope and philosophy of Geographical thought as well as Knowing the different dimensions of Physical geography accompanied with the endogenetic and exogenetic processes responsible for shaping the lithosphere.

**CO 2.** Getting Knowledge about the basic concepts of climatology, energy bud, Getting, wind systems. Also acquainted with environmental problems and its managements.

**CO 3.** Getting better insight in the different ocean water facets viz. salinity, temperature and its distribution in the world oceans, various dimensions of oceanic current and its importance as well.

**CO 4.** Investigating the broader perspective of scope and philosophies of the Human and economic Geography as well as knowledge of the different dimensions of resources, economy, population and settlements.

**CO 5.** Obtaining the intrinsic knowledge about the different cartographic techniques and Statistical methods for map -making and analysis.

## **5. Bachelor of Arts in Hindi**

### **Programme Specific Outcomes (PSO) for B.A. Hindi**

**Programme Specific Outcomes** Hindi degree holders are,

**PSO 1.** Availing the job opportunities in Hindi writer and teacher.

**PSO 2.** Increasing the critical attitude about literary writing.

**PSO 3.** Imbuing the Hindi grammar and linguistic.

**PSO 4.** Increasing sensitivity about the human emotions.

### **Course Outcomes (CO) for B. A. Hindi**

**CO 1.** Getting acquainted with the relevance of short stories, Poems, Prose and other literature of different time.

**CO 2.** Getting skill of communication, listening and writing in Hindi.

**CO 3.** Understanding the critical teaching in other genres of the literature.

**CO 4.** Understanding different aspects of Hindi poems and Prose like Knowledge, skills, moral values etc.

**CO 5.** Getting acquainted by moral values, non-violence, peace and mercy in life through Hindi literatures.

## **6. Bachelor of Arts in History**

### **Programme Specific Outcomes (PSO) for B.A. HISTORY**

**Programmes Specific Outcomes-** History degree holders are,

**PSO 1.** Thinking, arguing and writing critically, analytically and logically on the historical issues.

**PSO 2.** Understanding relevance of present scenario in every respect.

**PSO 3.** Applying his/her Knowledge Exploring employment opportunities and creating overall awareness about history in society.

### **Course Outcomes (CO) for B. A. History**

**CO 1.** Students are able to understand the genesis of history and development of history writing in different country as well as in India.



**CO 2.** Student will be able to develop understanding about ancient Indian civilization and history of ancient India and world.

**CO 3.** Student aware about the history of Medieval India and world.

**CO 4.** Student will able to understand about Formation, Expansion and Consolidation of British Empire in India under East India Company and freedom movement.

**CO 5.** Student will develop understanding about modern history of the world, revolutions, World War I & II and history of the world in different countries/ regions.

## **7. Bachelor of Arts in Political Science**

### **Programme Specific Outcomes (PSO) for B.A. Political Science**

**Programme Specific Outcomes-** Political Science degree holders are,

**PSO 1.** Getting knowledge about political system of the nation.

**PSO 2.** Studying national and international political affairs.

**PSO 3.** Studying, from competitive examination point of view.

**PSO 4.** Understanding the government mechanism, its functions, duties and responsibilities.

**PSO 5.** Creating appropriate and efficient political leaders.

### **Course Outcomes (CO) for B. A. Political Science**

**CO 1.** Understand the basic ideas about political science and political theory, including origin of state, sovereignty, power, authority etc.

**CO 2.** Students will understand international relations theories and be able to critically analyse domestic and international institutions of government.

**CO 3.** Understand the Greek political traditions, Socialist Thinkers, Modern Political Thinkers of World and India

**CO 4.** Students have developed insight into functioning of the different political systems in the world and India.

**CO 5.** Understand the evolution and theoretical aspect of public administration and also awareness on the formation and functioning of the Indian Governments. Also gives an understanding of the freedom movements carried out by the Indians.

## **8. Bachelor of Arts in Psychology**

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

**Programme Specific Outcomes-** student completing B.A. Psychology will be able to:

**PSO 1.** Possess disciplinary knowledge of concepts, theoretical approaches and methodologies to understand, predict and manage human behaviour and mental processes.

**PSO 2.** Develops understanding of cognitive processes, human development, clinical and social behaviour. A better insight into the behaviour gives it an edge in dealing with problems like drug addition, suicide, depression, child abuse, teenage violence, aggression among youth etc.

**PSO 3.** Develops an understanding of application of Behaviour Modification techniques in promoting socially desirable behaviour and eliminating all sorts of undesirable behaviour, right from bad habits to criminal behaviour.



**PSO 4.** Conduct experiments, administer tests and maintain a journal with written reports of practical's conducted in the laboratory (including a literature review, methodology, treatment of results and discussion for each practical experiment).

### **Course Outcomes (CO) for B. A. Psychology**

**CO 1.** Understanding the historical development and approaches to study psychology and how it is a science.

**CO 2.** Understand and evaluate contrasting approaches to explain behaviour.

**CO 3.** Understand the theoretical aspects of Social Psychology and able to apply the knowledge of social group, processes and perception to understanding social phenomena.

**CO 4.** Understand the concept of developmental psychology for analysing complex interaction of factors that determines physical, cognitive, emotional and social development of life.

**CO 5.** Understanding the methods of psychology experimental, observation and survey method.

## **9. Bachelor of Arts in Philosophy**

### **Program Specific Outcomes (PO) for B. A. Philosophy**

**Programme Specific Outcomes:** Philosophy degree holders are,

**PSO 1.** Understanding of the methods, fundamental principles and concepts of the discipline of philosophy and its different branches such as epistemology, metaphysics, ethics etc. and its allied discipline such as logic, philosophy of religion, social and political philosophy.

**PSO 2.** Knowledge of the philosophical theories and their historical developments and inter-relations. Developing philosophical knowledge of the ancient, modern and contemporary western tradition as well as the Indian tradition.

**PSO 3.** Capability and skill in analysing philosophical problems and evaluating solutions offered to solve them and develop ability to search for new philosophical questions and problems and new solutions to philosophical problems.

**PSO 4.** Developing logical skills to evaluate arguments. Analytical ability to clarify concepts and bring accuracy in thinking and arguments

**PSO 5.** Developing ability to understand and interpretation classical works of great philosophers.

**PSO 6.** Knowledge of Contemporary philosophical issues and the current developments in the disciplines

### **Course Outcomes (CO) for B. A. Philosophy**

**CO 1.** Understanding of epistemological and metaphysical theories of different philosophical systems of Western and Indian Philosophy.

**CO 2.** Understanding of different ethical perspectives on ethical problems and clarify the fundamental ethical concepts.

**CO 3.** Understanding of the principles of deductive and symbolic logic and ability to test arguments, theories of scientific methods of conducting empirical research.

**CO 4.** Understanding the theories relating nature and origin of religion.



**CO 5.** Understanding the theories of political and social philosophy.

## **10. Bachelor of Arts in Sanskrit**

### **Program Specific Outcomes (PO) for B. A. Sanskrit**

**Programme Specific Outcomes:** Sanskrit degree holders are,

**PSO 1.** Prepares students for employment as teachers and academics.

**PSO 2.** Provides knowledge and skill required for research in the field of Sanskrit literature and language.

**PSO 3.** Promotes spoken Sanskrit to equip students for employment in multimedia.

**PSO 4.** Develops ethical and moral sense.

**PSO 5.** Generates awareness of higher levels of spiritual attainment.

### **Course Outcomes (CO) for B. A. Sanskrit**

After successful completion of three-year degree program Sanskrit students are;

**CO 1.** Provides knowledge of the ancient supreme wisdom of the Vedic society that is still relevant.

**CO 2.** Develops higher spiritual level of being and moral values with awareness of the true nature of the soul through the principles of Dhyan.

**CO 3.** Understanding of technicalities of writing Sanskrit verse, Vyakaran, Kavyashashtra, Padyakavya, Gadya Kavya, Rupak, Natya Shashtra etc.

**CO 4.** Develops understanding of the history of Sanskrit Literature which traces the beginning of the use of Sanskrit as a language for writing Drama verses Novels till the present century.

## **11. Bachelor of Arts in Nagpuri**

### **Program Specific Outcomes (PO) for B. A. Nagpuri**

**Programme Specific Outcomes:** Nagpuri degree holders are

**PSO 1** Availing the job opportunities in Nagpuri writer and teacher.

**PSO 2** Increasing the critical attitude about literary writing.

**PSO 3** Imbuing the Nagpuri grammar and linguistic.

**PSO 4** Increasing sensitivity about the human emotions.

### **Course Outcomes (CO) for B. A. Nagpuri**

**CO 1.** The students will learn about the Nagpuri languages and the purpose for the creation of this language.

**CO 2.** Understanding of history of origin and development of Nagpuri language its literature, poetry Phase etc.

**CO 3.** Student can have a knowledge of Nagpuri culture through its literature and sensitize by its knowledge.

## **12. Bachelor of Arts in Kurukh**

### **Program Specific Outcomes (PO) for B. A. Kurukh**

**Programme Specific Outcomes:** Kurukh degree holders are,



**PSO 1** Availing the job opportunities in Kurukh writer and teacher.

**PSO 2** Increasing the critical attitude about literary writing.

**PSO 3** Imbuing the Kurukh grammar and linguistic.

**PSO 4** Increasing sensitivity about the human emotions.

### **Course Outcomes (CO) for B. A. Kurukh**

**CO 1.** The students will learn about the Kurukh languages and the purpose its creation.

**CO 2.** Understanding of history of origin and development of Kurukh language its literature, poetry, prose.

**CO 3.** Student can have knowledge of Kurukh language and sensitize about value and emotions of Kurukh.

## **13. Bachelor of Science in Botany**

### **Program Specific Outcomes (PSO) for B.Sc. Botany**

**Programme Specific Outcomes-** After successful completion of three-year degree program Botany students are;

**PSO 1.** Identifying different resources helpful for human life and acquiring knowledge about importance of environment.

**PSO 2.** Identifying different groups of plants

**PSO 3.** Acquiring knowledge about inheritance, biochemical and metabolic activities.

**PSO 4.** Development of horticultural skill.

### **Course Outcomes (CO) for B. Sc. Botany**

After successful completion of three-year degree program Botany students are;

**CO 1.** Ability to identify local flora.

**CO 2.** Understanding of the habitat requirements of different plants.

**CO 3.** Acquisition of practical skills and seat life application of botany.

**CO 4.** Awareness of the latest research & innovations in Botany.

**CO 5.** Understanding of cell biology & genetics.

**CO 6.** Knowledge of plant evolution – from algae to angiosperms, & their economic & ecological importance.

**CO 7.** Ability to describe morphological & reproductive characteristics of plants & their classification.

## **14. Bachelor of Science in Chemistry**

### **Programme Specific Outcomes (PSO) for B.Sc. Chemistry**

**Programme Specific Outcomes-** After successful completion of three-year degree program in Chemistry students are;

**PSO 1** Developing the ability to apply the principles of Chemistry

**PSO 2** Appreciate the achievement in Chemistry and to know the role of Chemistry in nature and in society.

**PSO 3** Develop skills in handling the apparatus and chemicals properly

**PSO 4** Exposed to the different processes used in industries and their applications

### **Course Outcomes (CO) for B. Sc. Chemistry**



- CO 1.** Ability to explain nomenclature, reactivity, & mechanism of chemical reactions.
- CO 2.** Identity chemical formulae & solve numerical equations.
- CO 3.** Have a firm foundation in the fundamentals & application of cement scientific theories in chemistry, including those in analytical, Inorganic, Organic & physical branches of chemistry.
- CO 4.** Practical and theoretical knowledge of chemistry to proceed to higher studies and various industries & departments.
- CO 5.** Ability to engage in independent learning & successfully pursue a career in advanced chemistry.

## **15. Bachelor of Science in Mathematics**

### **Program Specific Outcomes (PSO) for B.Sc. Mathematics**

**Programme Specific Outcomes-** After successful completion of three-year degree program in Mathematics students are;

**PSO 1.** able to recall basic facts about mathematics and should be able to display knowledge of conventions such as notations, terminology and recognize basic geometrical figures and graphical displays, state important facts resulting from their studies.

**PSO 2.** get a relational understanding of mathematical concepts and concerned structures, and should be able to follow the patterns involved, mathematical reasoning.

**PSO 3.** get adequate exposure to global and local concerns that explore them many aspects of Mathematical Sciences.

**PSO 4.** able to apply their skills and knowledge, that is, translate information presented verbally into mathematical form, select and use appropriate mathematical formulae or techniques in order to process the information and draw the relevant conclusion.

**PSO 5.** aware of history of mathematics and hence of its past, present and future role as part of our culture.

### **Course Outcomes (CO) for B. Sc. Mathematics**

**CO1.** Student will be to understand differentiation and fundamental theorem, algebra, calculus, geometry, etc.

**CO 2.** Acquire good knowledge and understanding in advanced areas of mathematics and statistics, chosen by the student from the given courses.

**CO 3.** Understand, formulate and use quantitative models arising in social science, Business and other contexts.

## **16. Bachelor of Science in Physics**

### **Program Specific Outcomes (PSO) for B.Sc. Physics**

**Programme Specific Outcomes-** After successful completion of three-year degree program in Physics students are;

**PSO 1.** Identifying and describing physical systems with their professional Knowledge.

**PSO 2.** Getting knowledge of general physics like sound, wave, friction, forces and laws of motion and use of mathematics.



**PSO 3.** Getting knowing about the light and its importance in life, its characteristics, Properties and use in various instruments.

**PSO 4.** Learning about concepts of nuclear physics and nuclear energies and importance of their use for mankind.

### **Course Outcomes (CO) for B. Sc. Physics**

**CO 1.** Student will able to understand the use of mathematical tools in Physics this course is designed.

**CO 2.** Student familiarise with an in-depth knowledge of mechanical systems.

**CO 3.** Student able to understand clear concept regarding electrostatics, magnetostatics and electrodynamics.

**CO 4.** students can become expert in the techniques in Biophysics with their understanding of Physical, Chemical processes, different spectra etc.

**CO 5.** Students understand and gain knowledge to realize the basics of quantum mechanics, statistical mechanics, Atomic, Molecular Physics and Modern Optics and Nano-physics.

## **17. Bachelor of Science in Zoology**

### **Program Specific Outcomes (PO) for B. Sc. Zoology**

**Programme Specific Outcomes:** Zoology degree holders are;

**PSO 1.** Knowledge of the fundamentals of zoology.

**PSO 2.** Knowledge of animals of different phyla and their relationship with the environment.

**PSO 3.** Knowledge of the evolution of animals.

**PSO 4.** Environmental conservation & its importance, protection of endangered species.

**PSO 5.** Knowledge of ago-based industries like sericulture, pisciculture etc.

**PSO 6.** Development of empathy towards animals.

### **Course Outcomes (CO) for B. Sc. Zoology**

**CO 1.** Understand cell biology, genetics, taxonomy, physiology, ecology, & applied zoology.

**CO 2.** Knowledge of relationship between plants, animals & microbes.

**CO 3.** Perform procedures in the laboratory in the areas of Taxonomy, Physiology, Ecology, Cell Biology, and Genetics etc.

**CO 4.** Understand the applications of biological sciences in Apiculture, Aquaculture, and Agriculture & Medicine.

**CO 5.** Gain knowledge about research methodology, effective communication & problem solving as related to zoology

## **18. Bachelor of Commerce**

### **Program Specific Outcomes (PO) for B. Com**

**Programme Specific Outcomes:** This program could provide Industries, Banking Sectors, Insurance Companies, Financing companies, Transport Agencies, warehousing etc., well trained professionals to meet the requirements.

**PSO 1.** After completing graduation, students can get skills regarding various aspects like Marketing Manager, Selling Manager, over all Administration abilities of the Company.

**PSO 2.** Capability of the students to make decisions at personal & professional level will increase after completion of this course.



**PSO 3.** Students can get thorough knowledge of finance and commerce and independently start up their own business.

**PSO 4.** The knowledge of different specializations in accounting, costing, banking and finance with the practical exposure helps the students to stand in organization.

### **Course Outcomes (CO) for B. Com**

The students can get the knowledge, skills and attitudes during the end of the B.com degree course.

**CO 1.** By goodness of the preparation, they can turn into a Manager, Accountant, Management Accountant, cost Accountant, Bank Manager, Auditor, Company Secretary, Teacher, Professor, Stock Agents, Government employments and so on., Students will prove themselves in different professional exams like C.A., C.S, CMA, MPSC, UPSC. As well as other coeres.

**CO 2.** The students will acquire the knowledge, skill in different areas of communication, decision making, innovations and problem solving in day-to-day business activities.

**CO 3.** Students will gain thorough systematic and subject skills within various disciplines of finance, auditing and taxation, accounting, management, communication, computer.

**CO 4.** Students can also get the practical skills to work as accountant, audit assistant, tax consultant, and computer operator. As well as other financial supporting services.

**CO 5.** Students will learn relevant Advanced accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.

**CO 6.** Students will be able to do their higher education and can make research in the field of finance and commerce.

## **19. B.Sc. Information Technology**

### **Program Specific Outcomes (PO) for B. Sc. Information Technology**

**Programme Specific Outcomes:** B. Sc. IT degree holders are,

**PSO1.** Explore technical comprehension in varied areas of Computer Applications and experience a conducive environment in cultivating skills for thriving career and higher studies.

**PSO2.** Comprehend, explore and build up computer programs in the allied areas like Algorithms, System Software, Multimedia, Web Design and Data Analytics for efficient design of computer-based systems of varying complexity

### **Course Outcomes (CO) for B. Sc. Information Technology**

**CO1.** Able to apply concept of programming and data structures.

**CO 2.** Develop understanding of different mathematical and statistical methods.

**CO 3.** Understand the various mechanism and principal of computer organization and architecture.

**CO 4.** Understand the features and able to create object-oriented programming, JAVA Network Programming, Micro processing, RDBMS, Python Programming etc. to solve real world problems problem's.

**CO 5.** To understand IoT privacy, security, vulnerabilities solutions and business models with applications.

## **20. Bachelor of Computer Applications (B.C.A)**

### **Program Specific Outcomes (PO) for B. C.A**

**Programme Specific Outcomes:** B. Sc. IT degree holders are,



**PSO1.** Explore technical comprehension in varied areas of Computer Applications and experience a conducive environment in cultivating skills for thriving career and higher studies.

**PSO2.** Comprehend, explore and build up computer programs in the allied areas like Algorithms, System Software, Multimedia, Web Design and Data Analytics for efficient design of computer-based systems of varying complexity.

### **Course Outcomes (CO) for B. C. A**

**CO1.** Able to apply concept of programming and data structures.

**CO 2.** Develop understanding of different mathematical and statistical methods.

**CO 3.** Understand the various mechanism and principal of computer organization and architecture.

**CO 4.** Understand the features and able to create object-oriented programming, JAVA Network Programming, Micro processing, RDBMS, Python Programming etc. to solve real world problems.

**CO 5.** To understand IoT privacy, security, vulnerabilities solutions and business models with applications.

## **21. Bachelor of Business Administration (B.B.A)**

### **Program Outcomes (PO) for B.B.A**

**PO 1.** Student will be able to apply and solve management fundamentals in practical world for identify, formulate, and solve problems.

**PO 2.** Able to demonstrate abilities such as initiative taking and innovative thinking in their acts.

**PO 3.** Enhancing Entrepreneurship abilities so that the students are induced to undertake independent ventures.

**PO 4.** An ability to understand the impact of Managerial solutions in a global, economic, environmental, and societal context.

**PO 5.** Ensuring holistic development of students and developed Intra -personal skills to communicate effectively.

**PO 6.** An ability to understand professional and ethical responsibility.

### **Programme Specific Outcomes (PO/ PSO)) for B.B.A**

**PSO1.** An ability to apply conceptual foundations of management to solve practical decision-making problems.

**PSO2.** An ability to adapt to dynamic changes in an environment with an understanding of societal and ecological issues relevant to professional managerial practice through life-long learning.

**PSO3.** Excellent adaptability to function in multi-disciplinary work environment, good interpersonal skills as a leader in a team in appreciation of professional ethics and societal responsibilities.

## POST GRADUATE PROGRAMMES

### 1. Masters in Commerce (M. Com)

#### Program Outcome (POs) for M. Com

- PO 1.** Provides a systematic and rigorous learning and exposure to Banking and Finance related disciplines.
- PO 2.** Develops conceptual, applied and research skills as well as competencies required for effective problem solving and right decision making in routine and special activities relevant to financial management and Banking Transactions of a business.
- PO 3.** Acquaintance with conventional as well as contemporary areas in the discipline of Commerce.
- PO 4.** Enables a student well versed in national as well as international trends.
- PO 5.** Facilitate the students for conducting business, accounting and auditing practices, role of regulatory bodies in corporate and financial sectors nature of various financial instruments.
- PO 6.** Understanding of all core areas specifically Advanced Accounting, International Accounting, Management, Security Market Operations and Business Environment, Research Methodology and Tax planning.

#### Program Specific Outcome/Course Outcomes for M. Com

##### After Completing Masters in Commerce students are able to:

- PSO 1.** Develop an ability to apply knowledge acquired in problem solving.
- PSO 2.** Ability to work in teams with enhanced interpersonal skills and communication.
- PSO 3.** The students can work in different domains like Accounting, Taxation, HRM, Banking and Administration.
- PSO 4.** Ability to start their own business.
- PSO 5.** Ability to work in MNCs as well as pvt, and public companies.
- PSO 6.** To develop team work, leadership and managerial and administrative skills.
- PSO 7.** Students can go further for professional courses like CA/ CS/CMA/CFA

### 2. Master's in Business Administration (M.B.A)

#### Program Outcomes (POs) for M.B.A

- PO 1.** Ability to apply Management fundamentals in practical world for identify, formulate, and solve Managerial problems.
- PO 2.** Demonstrate abilities such as initiative taking and innovative thinking in their acts.
- PO 3.** Enhancing Entrepreneurship abilities so that the students are induced to undertake independent ventures.
- PO 4.** An ability to understand the impact of Managerial solutions in a global, economic, environmental, and societal context.



**PO 5.** Ensuring holistic development of students and developed Intra -personal skills to communicate effectively.

**PO 6.** An ability to understand professional and ethical responsibility.

### **Program Specific Outcome (PSO) for M.B.A**

**PSO1.** An ability to apply conceptual foundations of management to solve practical decision-making problems.

**PSO2.** An ability to adapt to dynamic changes in an environment with an understanding of societal and ecological issues relevant to professional managerial practice through life-long learning.

**PSO3.** Excellent adaptability to function in multi-disciplinary work environment, good interpersonal skills as a leader in a team in appreciation of professional ethics and societal responsibilities.

## **3. Masters in Rural Management**

### **Programme Outcome (POs)**

**PO1.** To impart better education with values and transformation of knowledge from class room to common man.

**PO 2.** To attain inclusive growth and reduce regional imbalances and income inequalities.

**PO 3.** Inculcate critical thinking to carry out scientific investigation objectively without being biased with preconceived notions.

**PO 4.** Equip the student with skills to analyse problems, formulate a hypothesis, evaluate and validate results, and draw reasonable conclusions thereof.

**PO 5.** Continue to acquire relevant knowledge and skills appropriate to professional activities

### **Programme Specific Outcomes (PSOs) / Course Outcomes (COs)**

**PSO 1.** India is the country having numerous rural areas. This will open a plenty of career paths for the candidates interested in this field.

**PSO 2.** The Programme has been framed to provide an understanding and experience of different aspects of Rural Development.

**PSO 3.** It is to provide a holistic perspective of schemes/programmes of central govt. in general and state govt. in particular.

**PSO 4.** It is to develop expertise in planning and management of rural development programmes with focus on participatory development.

**PSO 5.** Students can join in Rural Development Organizations / Institutions as Social Worker, Community Mobilizer.

**PSO 6.** Students can set up Small Scale Industry in rural areas supported by State govt. institutions Students can join in State /National Livelihoods Mission under Panchayati Raj Dept / Rural Development Dept.