

PROGRAMME OUTCOMES (PO) OF VARIOUS PROGRAMMES

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B.COM (TRAVEL & TOURISM)	
PROGRAMME OUTCOME	
PO1	Students will get new ideas, insights and thoughts. The mind set of students will change. They get new ideas and practical experience. Such students can face challenges with confidence and succeed in life.
PO2	The students will be thorough with the procedures and formalities of establishment and management of business units. As all aspects are well debated, it will be easy for them to establish and successfully run business units
PO3	The students will be conversant with the various accounting principles and practices. All will be capable of recording, generating financial reports and arriving at conclusions and predictions.
PO4	The student's inter-disciplinary approach will help students to solve business issues easily and will emerge as successful entrepreneurs in future.
PO5	The multidisciplinary in-depth learning across all related topics of business and industry will definitely pave a strong foundation for higher learning in commerce and management.
PO6	In depth understanding of management principles will help to create managerial aptitude and skills in students will foster successful managers for future.
PO7	In depth understanding of Accounting principles and practices coupled with interdisciplinary learning will help to create newer ideas in accounting and will bring in innovative and creative professionals in Finance, Cost and Management.
PO8	The knowledge of direct and indirect taxation will open up a new area of living by students. Information on both direct and indirect taxation systems will cut open a wider area of employment and professionalism.
PO9	The improved communication skills and basic understanding of laws in force of the country will definitely add to the content level and level of interaction by students.
PO10	Students become more confident, self-reliant, competent and Competitive with practical insights and thorough learning

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B.Sc CHEMISTRY	
PROGRAMME OUTCOME	
PO1	Recall and identify major concepts in all disciplines of chemistry.
PO2	Grasp the meaning and significance of the problem and can convey to others in a well explained manner.
PO3	The methods, techniques, procedures and protocols that may be applied in the course of a new given problem of analysis and also think methodically, independently and draw a logical conclusion.
PO4	Find out the green route for chemical reaction for sustainable development by explores relationship between the acquired ideas and concepts.
PO5	Employ critical thinking and the scientific knowledge to design, carry out, record and analyze the results of chemical reactions to justify their stands.
PO6	Can use modern techniques, various equipments and Chemical software to formulate genuine research work in the areas of chemical science.
PO7	To inculcate the scientific temperament in the students and outside the scientific community
PO8	To become good entrepreneur based on their chemistry knowledge and can produce new or original work in their expertise area.
PO9	To learn leadership qualities and research updates via viva seminar, workshops and symposium.
PO10	The learners can turn out to be most potential academician for future by making connections among the acquired knowledge

BSc MATHEMATICS PROGRAMME OUTCOME	
PO1	<p>Disciplinary knowledge:</p> <p>Capability of demonstrating comprehensive knowledge of mathematics and understanding of one or more disciplines which form a part of an undergraduate programme of study.</p>
PO2	<p>Communications skills:</p> <p>(i) Ability to communicate various concepts of mathematics effectively using examples and their geometrical visualizations.</p> <p>(ii) Ability to use mathematics as a precise language of communication in other branches of human knowledge.</p> <p>(iii) Ability to show the importance of mathematics as precursor to various scientific developments since the beginning of the civilization.</p>
PO3	<p>Critical thinking:</p> <p>Ability to employ critical thinking in understanding the concepts in every area of mathematics.</p>
PO4	<p>Analytical reasoning:</p> <p>Ability to analyze the results and apply them in various problems appearing in different branches of mathematics.</p>
PO5	<p>Problem solving:</p> <p>(i) Capability to solve problems using concepts of linear algebra.</p> <p>(ii) Capability to solve various models such as growth and decay models, radioactive decay model, LCR circuits and population models using techniques of differential equations.</p> <p>(iii) Ability to solve linear system of equations, linear programming problems and network flow problems.</p> <p>(iv) Ability to provide new solutions using the domain knowledge of mathematics acquired during this programme.</p>

PO6	Information/digital literacy: Capability to use appropriate software to solve system of equations and differential equations.
PO7	Research-related skills: (i) Capability for inquiring about appropriate questions relating to the concepts in various fields of mathematics. (ii) To know about the advances in various branches of mathematics.
PO8	Self-directed learning: Ability to work independently and do in-depth study of various notions of mathematics.
PO9	Life-long learning: Ability to think, acquire knowledge and skills through logical reasoning and to inculcate the habit of self-learning.
PO10	Application skills: Ability to apply the acquired knowledge in all aspects.
PO11	Experimental skills:
PO12	Moral and ethical awareness/reasoning: Ability to identify unethical behaviour such as fabrication, falsification or mis representation of data and adopting objective, unbiased and truthful actions in all aspects

BACHELOR OF SOCIALWORK (BSW)	
PROGRAMME OUTCOME	
PO1	To equip students with knowledge, values, and skills required for basic level social work practice and entry to and success in post graduate programmes
PO2	To sensitize the learners about the contemporary socio-economic and cultural realities through class room and field-based learning
PO3	To impart training in interdisciplinary domains to help students to effectively practice social work
PO4	To develop understanding and integration of social work theories and practice
PO5	To provide opportunities to students to serve in social work settings so that they learn to work with diverse groups.
PO6	To train the students to become effective change agents in their practice settings.

B.Sc PHYSICS PROGRAMME OUTCOME	
PO1	Recall and explain fundamental concepts, laws, theories in physics, mathematical formulas and equations related to different branches of physics.
PO2	Interpret and explain physical principles and their underlying assumptions and illustrate and explain the relationships between different physical quantities and variables.
PO3	Apply physical principles and mathematical techniques to solve numerical problems and use appropriate methods and tools to conduct experiments and collect data.
PO4	Compare and contrast different theories, models, or approaches to solving physical problems.
PO5	Emerge as an innovative problem-solver and impact mediator, applying scientific understanding and critical thinking to address challenges and advance sustainable solutions.
PO6	Evaluate and compare different solutions or approaches to physical problems based on criteria such as accuracy, efficiency, and practicality.
PO7	Can utilize advanced experimental methods, instruments, and computational tools to carry out novel research in various domains of physics.
PO8	To cultivate a scientific temperament and way of thinking in students and promote the understanding of scientific principles among the public.

B.Sc MICROBIOLOGY PROGRAMME OUTCOME	
PO1	Acquire knowledge about the fundamental principles and scientific theories related to various scientific phenomena in day-to-day life
PO2	To develop communication skills and get expertise in scientific writing.
PO3	Acquire the skills in handling scientific instruments, planning and performing in laboratory experiments.
PO4	Equip them with the skills to think creatively and draw logical inferences from the scientific experiments to draw the objective conclusions or provide new solutions to the problems.
PO5	To make them Capable of working effectively in diverse teams in both classroom, laboratory and in industry and field-based situations.
PO6	To get an awareness of the impact of science on the environment and society. (Remembering/Knowledge)

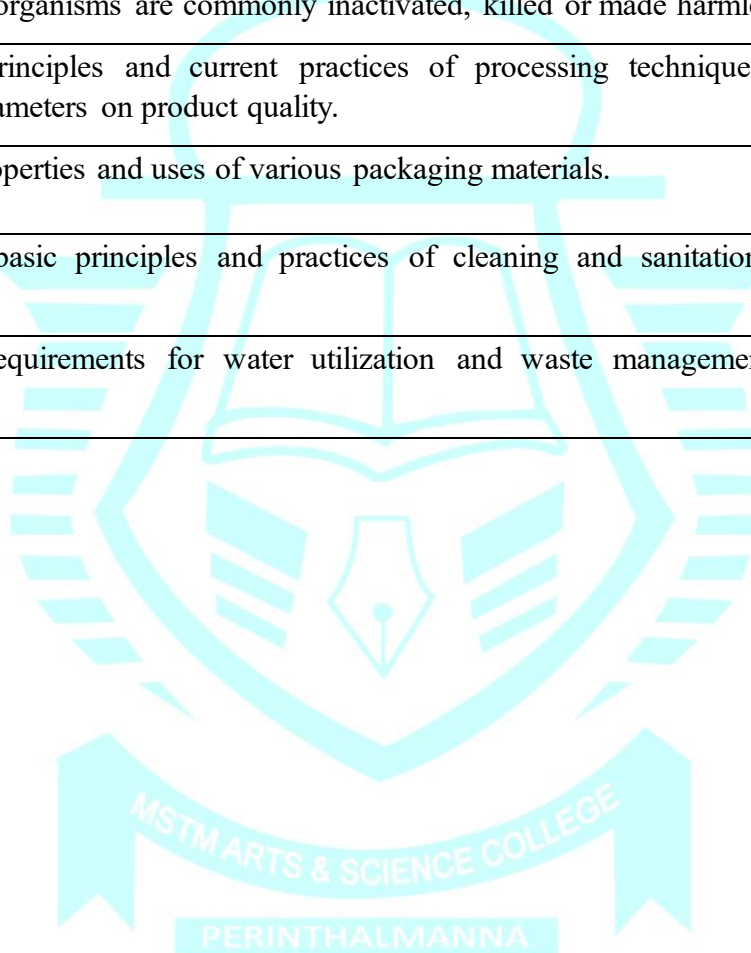
(BACHELOR OF BUSINESS ADMINISTRATION) BBA	
PROGRAMME OUTCOME	
PO1	Use analytical and reflective thinking techniques to identify and analyze business problems, develop viable solutions, and make effective decisions.
PO2	Apply appropriate quantitative and qualitative techniques in solving business problems.
PO3	Demonstrate competency in the underlying concepts, theory and tools taught in the core curriculum.
PO4	Identify and analyze relevant factors that influence decision-making in business.
PO5	Develop viable alternatives and make effective decisions in an international business context.
PO6	Effectively address important international and multicultural issues that impact business.
PO7	Acquire skills and competencies in the field of international business and finance

BA ENGLISH PROGRAMME OUTCOME	
PO1	To develop and understand English literature along with language skills.
PO2	Students get acquainted with different forms of poetry, prose, fiction and drama.
PO3	Enable the students to get exposed to advanced level of grammatical pattern and usages in English.
PO4	Equip students with the necessary English language skills for effective communication
PO5	Effective communication through electronic media in English to enhance four skills of language and make meaning of the world by connecting people, ideas, books and media.
PO6	Identify the problems relevant in the society and solve them to meet the specified needs using knowledge and skills.
PO7	To identify the actions that frame students' critical thinking and actions and looking at their ideas and decisions from different perspectives.
PO8	Recognize and understand issues related to environment and sustainable development and enable the students to attain solutions.
PO9	Acquire the ability to be a part of self-directed and life-long learning in the context of socio-technological changes.
PO10	Awareness regarding value systems, ethics and understand ones own and others' moral dimensions and accept responsibility.

B.Sc FOOD TECHNOLOGY PROGRAMME OUTCOME	
PO1	They will demonstrate knowledge of Food Chemistry, Food Microbiology, Food science and Food engineering
PO2	They will demonstrate an ability to identify, formulate and solve processing problems related to food sector/industry
PO3	They will be able to focus on the importance of safe processed nutritious food
PO4	They will be get exposure to various technologies aspect of Food product preparation
PO5	They will demonstrate an ability to design or process food products as per the needs and specifications
PO6	They will demonstrate an ability to work in Food industries, research organization and teaching.
PO7	They will demonstrate skills to use modern tools and equipment to analyze food prone infection and food spoilage
PO8	They will demonstrate knowledge of professional and ethical responsibilities
PO9	They will be able to understand economic importance of food products and food laws.
PO10	They will show the understanding of impact of technological solutions on the society and also will be aware of contemporary issues.
PO11	They will develop confidence for self education and ability for life-long learning

M.Sc. FOOD SCIENCE AND TECHNOLOGY	
PROGRAMME OUTCOME	
PO1	Know the chemistry underlying the properties and reactions of various food components
PO2	Have sufficient knowledge of food chemistry to control reactions in foods.
PO3	Know the major chemical reactions that limit shelf life of foods.
PO4	Use the laboratory techniques common to basic and applied food chemistry.
PO5	Know the principles behind analytical techniques associated with food.
PO6	Be able to select the appropriate analytical technique when presented with a practical problem.
PO7	Demonstrate practical proficiency in a food analysis laboratory.
PO8	Identify the important pathogens and spoilage microorganisms in foods and the conditions under which they will grow.
PO9	Identify the conditions under which the important pathogens are commonly inactivated, killed or made harmless in foods.
PO10	Utilize laboratory techniques to identify microorganisms in food.
PO11	Know the principles involving food preservation via fermentation processes.
PO12	Know the role and significance of microbial inactivation, adaptation and environmental factors (i.e., aw, ph, temperature) on growth and response of microorganisms in various environments.

PO13	Identify the conditions, including sanitation practices, under which the important pathogens and spoilage microorganisms are commonly inactivated, killed or made harmless in foods.
PO14	Explain the principles and current practices of processing techniques and the effects of processing parameters on product quality.
PO15	Explain the properties and uses of various packaging materials.
PO16	Describe the basic principles and practices of cleaning and sanitation in food processing operations.
PO17	Identify the requirements for water utilization and waste management in food and food processing.



M.Com	
PROGRAMME OUTCOME	
PO1	To provide a systematic and rigorous learning and exposure to Banking and Finance related disciplines.
PO2	To train the student to develop 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.
PO3	To acquaint a student with conventional as well as contemporary areas in the discipline of Commerce.
PO4	To enable a student well versed in national as well as international trends.
PO5	To facilitate the students for conducting business, accounting and auditing practices, role of regulatory bodies in corporate and financial sectors nature of various financial instruments.
PO6	To provide in-depth understanding of all core areas specifically Advanced Accounting, International Accounting, Management, Security Market Operations and Business Environment, Research Methodology and Tax planning