PROGRAM OUTCOME OF PG LIFESCIENCE

PO1 Knowledge : Recall and co-relate the core concepts and knowledge acquired during the study of various life science subjects in their previous academic exposure and experience

PO2 Understanding: Perceive and appreciate the basic principles involved in the scientific concepts leading to advanced biological sciences.

PO3 Analysis: Analyse the given scientific data critically and systemically and further draw insights based on hypothesis and its substantiated evaluation and conclusion.

PO4 Conduct investigations: Acquire the skill set of utilizing various scientific instruments and following SOP required in each laboratory to arrive at informed and insight driven decision making.

PO5 The graduate and the society: Apply reasoning supported by the contextual knowledge to advance the societal benefits on better health, safety, legal and cultural issues in the various fields of life science viz. biotechnology, genetics, microbiology, biochemistry and chemistry

PO6 Project Management, Multidisciplinary and team work: Ability to successfully function as individual or team to manage projects in a multidisciplinary environment to solve the various global issues.

PO7 Ethics: Uphold the responsibilities in the everyday practice and apply ethical principles.

PO8 Life long learning: Engage in Lifelong learning in all spheres of life.

PO9 Communicate: Communicate the research data/ scientific knowledge to express their idea in an effective manner.

PO10 Environment and sustainability: Understanding on societal and environmental contexts and utilize the knowledge for sustainable development.

PROGRAM OUTCOME OF M.Sc. COMPUTER SCIENCE

After Completion of MSc program student will be competent in

PO1 Knowledge: Understand knowledge of computing and mathematics appropriate to the discipline.

PO2 Analysis: Identify, formulate and develop solutions to computational challenges.

PO3 Development: Design , implement and evaluate a computational system to meet desired needs within realistic constraints.

PO4 Ethics: Understand professional, ethical, legal, security and social issues and responsibilities for the computing profession.

PO5Social: Communicate and engage effectively with diverse stakeholders.

PO6Logical Reasoning: Analyze impacts of computing on individuals, organizations and society.

PO7Professional Development: Recognize the need for and engage in continuing professional development.

PO8Research: Apply mathematical foundations, algorithmic principles and computer science theory in the modeling and design of computational systems in a way that demonstrate comprehension of the tradeoffs involved in design choices.

PO9Learning: Apply design and development principles in the construction of software of varying complexity.

Program Outcome PG- PHYSICAL SCIENCES

PO1 Knowledge : Recall and co-relate the core concepts and knowledge acquired in mathematics and science during the study of various physical science subjects in their previous academic exposure and experience.

PO2 Understanding: Identify, formulate, and analyze complex scientific problems to reach logical conclusions.

PO3 Analysis: Analyse the given scientific data critically and systemically and further draw insights based on hypothesis and its substantiated evaluation and conclusion.

PO4 Conduct investigations: Use research based knowledge and research methods including design of experiments in analyzing and interpreting data, and synthesizes the data to come to valid conclusion.

PO5 The graduate and the society: Apply reasoning supported by the contextual knowledge to advance the societal benefits on better health, safety and welfare.

PO6 Project Management, Multidisciplinary and team work: successfully function as individual or team to manage projects in a multidisciplinary environment to solve the various global issues.

PO7 Ethics: Apply ethical principles and uphold the responsibilities in the everyday practice

PO8 Lifelong learning: Engage in Lifelong learning and demonstrate knowledge and understanding of contemporary and emerging issues in all spheres of life.

PO9 Communicate: Communicate the research data/ scientific knowledge to express their idea in an effective manner both orally and in writing.

PO10 Environment and sustainability: Gain better understanding on societal and environmental contexts and utilize the knowledge for sustainable development.

Program outcome UG-Lifescience

PO1 Knowledge: Acquire the knowledge and concepts related to various subjects in biological sciences such as Biochemistry, Genetics, Biotechnology, Microbiology, Zoology and Chemistry

PO2 Understanding: Understand the fundamental principles and scientific theories in various life science subjects

PO3 Problem analysis: Identify, formulate, analyse and interpret the complex problems related to various scientific phenomena in day to day life

PO4 Conduct investigations: Acquire the necessary skills in handling scientific instruments, in planning and execution of numerous laboratory experiments

PO5 Synthesis/Create: Craft and use appropriate current methodology and techniques to predict and project as a prototype in the scientific pursuits.

PO6 Lifelong learning: Recognize the need for lifelong learning for continuous augmentation of knowledge in the wake of dynamic and ever-changing technology trends.

PO7 Soft skill/Communication: Develop the interpersonal skills and the ability to effectively communicate by expressing the ideas and views.

PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities in their respective fields.

PO9 Co-curricular activity: Reinforce their Social, cultural and recreational activities for the personality

PO10Skill development: Exhibit knowledge, understand, ability to function in diverse and multidisciplinary environments

Program outcome UG – Physical science

PO1Knowledge: Acquire the knowledge and concepts related to various subjects in sciences such as Physics, Mathematics, Electronics, Computer science and Statistics.

PO2Understanding: Ability to understand the fundamental principles and scientific theories in various physical science subjects

PO3Problem analysis: Identify, formulate, analyse and interpret the complex problems related to various scientific phenomena in day to day life

PO4Conduct investigations: Acquire the necessary and important skills in handling scientific instruments, in planning and execution of numerous laboratory experiments

PO5Synthesis/Create: Create and use appropriate current methodology and techniques to predict and project as a prototype in the scientific pursuits.

PO6Life long learning: Recognize the need for life lifelong learning for continuous augmentation of knowledge in the wake of dynamic and ever-changing technology trends.

PO7Soft skill/Communication: Develop the interpersonal skills and the ability to effectively communicate by expressing the ideas and views.

PO8Ethics: Apply ethical principles and commit to professional ethics and responsibilities in their respective fields.

PO9Co-curricular activity: Reinforce their Social, cultural and recreational activities for the personality

PO10Skill development: Exhibit knowledge, understand, ability to function in diverse teams and in multidisciplinary environments

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Program Outcome

Department of Fashion and Apparel Design

PO1Knowledge: Acquire the knowledge and concepts related to various subjects in Fashion designing, Garment technology and Textile technology.

PO2Understanding: Articulate design ideas verbally, visually and digitally.

PO3Problem analysis: Helps to achieve the technical skills to analyse and execute a design.

PO4Conduct investigations: Assess, propose and apply various techniques related to drafting, draping and construction of garments.

PO5Synthesis/Create: Demonstrate professionalism by managing time to meet deadlines with quality work and effectively collaborating in teams.

PO6Life long learning: Helps to develop professional practice in time with the industry.

PO7Soft skill/Communication: Develop a systematic, critical approach to problem solving at all levels of the design process and gives a strong sense to think and forecast.

PO8Ethics: Apply ethical principles and commit to professional ethics and responsibilities to adapt their artistic abilities to support their future design careers.

PO9Co-curricular activity: Reinforce their Social, cultural and recreational activities for the personality.

PO10Skill development: Ability to relate the design process to appropriate manufacturing process.