



KRUPANIDHI GROUP OF INSTITUTIONS BANGALORE
(Affiliated to Bangalore North University)

Program and Program-Specific Outcomes

DEPARTMENT OF BUSINESS ADMINISTRATION

MASTER OF BUSINESS ADMINISTRATION (MBA)

Programme Learning Goals (PLG) and Programme Learning Objectives (PLOs)

Programme Learning Goals and Programme Learning Objectives of the MBA programme are driven by the mission of the Krupanidhi Group of Institutions. Programme goals and objectives are created by a team of faculty in Assurance of Learning Committee and reviewed by the entire faculty during the Faculty Council meeting. The goals and objectives are reviewed regularly. The following are the PLGs and PLOs developed during April 2018.

Programme Learning Goal (PLGs) for MBA

Goal 1: To exhibit disciplinary knowledge and behavior essential for business leadership

Goal 2: To have effective Problem-solving skills.

Goal 3: To think critically to aid decision-making

Goal 4: To demonstrate integrative thinking across business functions

Goal 5: To communicate professionally

Goal 6: To be committed for action that demonstrates care for others

PLG1 1: To exhibit disciplinary knowledge and behavior essential for business leadership

PLO1a: Our students will apply advanced business concepts to make intelligent decisions in a business situation

PLO1b: Our students will reflect on and articulate the relationships among personal values, professional obligations, and social responsibilities

PLO1c: Our students will articulate a personal leadership philosophy based on personal values and individual strengths

PLO1d: Our students will demonstrate effective leadership skills in a team environment

PLG 2: To have effective Problem-solving skills.

PLO2a: Our students will be able to identify a business problem and its relevant stakeholders.

PLO2b: Our students will be able to apply appropriate quantitative tools and techniques to analyze business problems.

PLO2c: Our students will be able to apply qualitative information, tools/techniques to analyze business problems.

PLO2d: Our students will be able to evaluate various alternatives and arrive at the best possible solution for a given problem

PLG 3: To think critically to aid decision-making

PLO3a: Our students will analyze the strategic elements of a comprehensive, multidisciplinary business situation and propose a course of action

PLO3b: Our students will utilize software to analyze quantitative data and interpret the results

PLG 4: To communicate professionally

PLO3a: Our students will demonstrate proficiency in oral communication.

PLO3b: Our students will demonstrate proficiency in written communication.

PLO3c: Our students will write a professional quality document for a business audience

PLG 5: To demonstrate integrative thinking across business functions

PLO5a: Our students will demonstrate the ability to integrate functional business knowledge (theory) with practice.

PLO5b: Our students will demonstrate the ability to integrate functional business knowledge across domains in a managerial perspective.

PLG 6: To be committed for action that demonstrates care for others

PLO6a: Our students will be able to analyze a social issue using appropriate models or frameworks

PLO6b: Our students will be able to perform their responsibilities with optimal use of available resources in a real-life social setting.

PLO6c: Our students will be able to analyze a business ethics situation and propose a course of action

PLO6d: Our students will be demonstrating knowledge of strategies to effectively lead others regardless of race, ethnicity, culture, gender, religion, and sexual orientation

DEPARTMENT OF COMPUTER SCIENCE

MASTER OF COMPUTER APPLICATION (MCA)

Programme Outcome (PO)

At the end of the Programme, a student will be able to:

Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements.

Identify, formulate, research literature, and solve complex computing problems reaching substantiated conclusions using fundamental principles of mathematics, computing sciences, and relevant domain disciplines.

Design and evaluate solutions for complex computing problems, and design and evaluate systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

Create, select, adapt and apply appropriate techniques, resources, and modern computing tools to complex computing activities, with an understanding of the limitations.

Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practice.

Recognize the need, and have the ability, to engage in independent learning for continual development as a computing professional.

Demonstrate knowledge and understanding of the computing and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

Communicate effectively with the computing community, and with society at large, about complex computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understand clear instructions.

Understand and assess societal, environmental, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant to professional computing practice.

Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.

Identify a timely opportunity and using innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.

1. Computational Knowledge:

Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements.

2. Problem Analysis:

Identify, formulate, research literature, and solve *complex* computing problems reaching substantiated conclusions using fundamental principles of mathematics, computing sciences, and relevant domain disciplines.

3. Design /Development of Solutions:

Design and evaluate solutions for *complex* computing problems, and design and evaluate systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

4. Conduct Investigations of Complex Computing Problems:

Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. Modern Tool Usage:

Create, select, adapt and apply appropriate techniques, resources, and modern computing tools to complex computing activities, with an understanding of the limitations.

6. Professional Ethics:

Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practice.

7. Life-long Learning:

Recognize the need, and have the ability, to engage in independent learning for continual development as a computing professional.

8. Project management and finance:

Demonstrate knowledge and understanding of the computing and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

9. Communication Efficacy:

Communicate effectively with the computing community, and with society at large, about *complex* computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understand clear instructions.

10. Societal and Environmental Concern:

Understand and assess societal, environmental, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant to professional computing practice.

11. Individual and Team Work:

Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.

12. Innovation and Entrepreneurship

Identify a timely opportunity and using innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.

Program Specific Objectives

PSO1: Data Analytics: Acquire knowledge of Data preprocessing and Data quality, Modeling and design of data warehouses, Algorithms for data mining, skills to design, analyze and develop algorithms and implement using high-level programming languages and to define and critically analyze mining approaches for various domains.

PSO2: High-Level Programming: Acquire skills to design, analyze and develop algorithms and implement those using high-level programming languages, to maintain web server services required to host a website, Install, configure, design and develop mobile application development tools.

PSO3: Software Conceptualization and Implementation: Acquire knowledge to design a solution to a given problem using one or more design patterns and implement the design in a programming language by lifecycle paradigms, apply software testing and quality assurance techniques; to work collaboratively team environment to develop software from conceptualization to completion, including requirements elicitation, system modeling, system design, implementation, unit and system testing, integration, source code management configuration management, and release management

PSO4: Practices and tools in Information Security: Acquire a practical overview of the issues involved in the field of information security and assurance; acknowledge the ethical considerations in all dimensions of information security, and utilize the software tools to explore, rectify or prevent the unauthenticated actions in the domain.