

# M.S. Ramaiah University of Applied Sciences

New BEL Road, MSR Nagar, Bangalore – 560054



**RAMAIAH  
UNIVERSITY**  
OF APPLIED SCIENCES

## PO, PSO, PEO & CO

Programme: M.B.A in Business Analytics

Programme Code: 101

Programme Outcome (PO)

Programme Specific Outcome (PSO)

Programme Educational Objectives (PEO)

Course Outcomes (CO)

Approved in 23<sup>rd</sup> ACM (Resolution 23.05) held on 15<sup>th</sup> July 2021



**Head of the Department**

Faculty of Management and Commerce  
M.S. Ramaiah University of Applied Sciences  
Bangalore - 560054

# Faculty of Management and Commerce (FMC)

Programme Name: M.B.A in Business Analytics

## Programme Outcomes (POs)

M.B.A. postgraduates will be able to:

- PO-1. Knowledge and Understanding:** Gain knowledge of recognising the functions of businesses, identifying potential business opportunities, setting up of business enterprises and exploring the entrepreneurial opportunities within the purview of legal and regulatory frameworks
- PO-2. Environment and Sustainability:** Understand the impact of the management decisions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development
- PO-3. Social Responsibility and Ethics:** Apply ethical principles and adhere to corporate ethics as well as social responsibilities of a business enterprise
- PO-4. Problem Identification and Solution:** Apply functional knowledge to identify and solve business management problems using appropriate qualitative and quantitative tools and techniques
- PO-5. Management Decision Making:** Analyse business opportunities and challenges using appropriate information, relevant data analysis techniques and logical thinking to suggest suitable solutions for business decision making
- PO-6. Management Methodologies:** Evaluate the use of management concepts for business decision making
- PO-7. Business Research:** Critical review of research literature, identify and articulate the research problem, apply appropriate research methodologies, tools and techniques to solve research problem
- PO-8. New Knowledge Creation:** Create frameworks and models using specialized functional and statistical methodologies, tools and techniques for management decision making
- PO-9. Leadership and Teamwork:** Function effectively as an individual, and as a member or leader in diverse teams, of multidisciplinary settings, cross-cultural and global teams
- PO-10. Communication:** Effectively communicate with prospective employers with an ability to convey management decisions to the organisation and its stakeholders appropriately (comprehend and write effective reports, make effective presentations, provide and receive clear instructions, use of digital communication, social networking platforms and so on)
- PO-11. Lifelong Learning:** Analyse the need for ability to engage in independent and lifelong learning in broader business context and adapt according to the changes.

  
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## Programme Specific Outcomes (PSOs)

At the end of the M.B.A. (Business Analytics) program, the graduate will be able to:

- PSO-1. Apply the knowledge and understanding of principles of management in general and business analytics principles in particular, to develop innovative solutions to real-world problems
- PSO-2. Improve organization's effectiveness and efficiency with the use of Big Data management, Machine Learning, Artificial Intelligence algorithms and data visualization techniques
- PSO-3. Demonstrate leadership qualities, teamwork and strive for the betterment of organization, environment, and society
- PSO-4. Demonstrate an understanding of the importance of life-long learning through, continuous professional development, allied skill and practical training, and specialized certifications.

## Program Educational Objectives (PEOs)

The objectives of the M.B.A. (Business Analytics) Programme are to:

- PEO-1. Enhance the understanding and knowledge of business strategies with the help of Business Analytics, Big Data, Data Analytics to achieve Organizational Goals
- PEO-2. Provide a critical review of concepts and principles of Management and relation with Business Analytics
- PEO-3. Identify Organizational Problems in the context of Business Analytics
- PEO-4. Develop appropriate metrics for development of effective Business Reports

## Course Outcomes (COs)

Course Title & Code: Human Resource Management (BAC502A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the concepts of Human Resource Management in an organisation
- CO-2. Discuss the contribution of Organisation Behaviour in managing human resources of an organisation
- CO-3. Analyse Organisational culture, structure and design
- CO-4. Assess human resource strategies regarding recruitment, training and performance management
- CO-5. Apply the concepts of Industrial Relations and Conflict Management

  
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## Course Outcomes (COs)

Course Title & Code: Managerial Economics (BAC503A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the concepts of micro and macroeconomics
- CO-2. Discuss the concepts of consumer behavior
- CO-3. Apply forecasting techniques to address demand-supply issues
- CO-4. Examine economic logic for managerial decision making
- CO-5. Analyze implications of changes in Government fiscal and monetary policies
- CO-6. Evaluate the evolution of macroeconomic thought

## Course Outcomes (COs)

Course Title & Code: Managerial Accounts (BAC504A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the concepts and principles of accounting
- CO-2. Compute depreciation using different methods
- CO-3. Prepare final accounts of the company and generate reports in Tally
- CO-4. Analyse the financial statements of the company for decision making
- CO-5. Analysis of Cash flow and fund flow statements for decision making

## Course Outcomes (COs)

Course Title & Code: Human Resource Management (BAC502A)

After the successful completion of this course, the student will be able to:


- CO-1. Elucidate the concepts of Human Resource Management in an organisation
- CO-2. Discuss the contribution of Organisation Behaviour in managing human resources of an organisation
- CO-3. Analyse Organisational culture, structure and design
- CO-4. Assess human resource strategies regarding recruitment, training and performance management
- CO-5. Apply the concepts of Industrial Relations and Conflict Management

## Course Outcomes (COs)

Course Title & Code: Operations Management (BAC506A)

After the successful completion of this course, the student will be able to:

- CO-1. Explain the evolution of Operations Management and its strategic role
- CO-2. Discuss project management tools and their applications
- CO-3. Apply and examine the concepts of decision making under certainty and uncertainty

  
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- CO-4. Develop capacity planning, facility location and production planning strategies
- CO-5. Apply forecasting models for demand prediction
- CO-6. Design operations plan using spread sheet solver and open source tools

### Course Outcomes (COs)

**Course Title & Code: Strategic Management, CSR and Sustainability (BAC507A)**

**After the successful completion of this course, the student will be able to:**

- CO-1. Elucidate the concepts of strategic management
- CO-2. Discuss the role of mission, vision and objective of an organization / business units
- CO-3. Analyze CSR, external and internal factors influencing business environment for sustainability
- CO-4. Formulate strategies and implement strategies using appropriate tools and techniques
- CO-5. Analyse Corporate Social Responsibility and Sustainability

### Course Outcomes (COs)

**Course Title & Code: Business Mathematics, Statistics and Analytics (BAC511A)**

**After the successful completion of this course, the student will be able to:**

- CO-1. Discuss algebraic equalities and inequalities in business context
- CO-2. Solve problems related to matrices and their operations
- CO-3. Discuss concepts of descriptive statistics
- CO-4. Apply various probability distributions to business problems
- CO-5. Formulate and test hypothesis for effective decision making
- CO-6. Build appropriate analytical models to business problems
- CO-7. Apply statistical software to facilitate managerial decision making

### Course Outcomes (COs)

**Course Title & Code: Management Information Systems (BAC509A)**

**After the successful completion of this course, the student will be able to:**

- CO-1. Explain functions and features of MIS, Database Management and Enterprise Applications
- CO-2. Discuss the benefits of Information Technology and ERP to improve managerial decision-making
- CO-3. Discuss data governance, data privacy and data protection in compliance with corporate policies and regulatory bodies
- CO-4. Analyse and design Information Systems for an organisation using appropriate tools and techniques
- CO-5. Create tables, forms and reports and maintain a database in database application

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## Course Outcomes (COs)

Course Title & Code: Business Law and Corporate Governance (22MBA510A)

After the successful completion of this course, the student will be able to:

- CO-1. Explain the legal aspects in business and amendments in justice delivery system for business in the Indian Scenario
- CO-2. Discuss the salient Business Acts
- CO-3. Discuss the incorporation of companies and their functions
- CO-4. Examine the key provisions of Companies act
- CO-5. Analyse existing standards and frameworks for Corporate Governance

## Course Outcomes (COs)

Course Title & Code: Corporate Finance (BAC511A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the essential principles of Financial Management
- CO-2. Discuss cost of capital, capital budget, inventory value and working capital
- CO-3. Analyse problems and provide solutions pertinent to the financial management function
- CO-4. Analyse financial decisions for value maximization
- CO-5. Demonstrate use of financial techniques and tools in financial investment, dividend distribution and asset management
- CO-6. Solve problems related to finding optimum capital structure

## Course Outcomes (COs)

Course Title & Code: Innovation and Entrepreneurship (BAC512A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the concepts and process of entrepreneurship
- CO-2. Distinguish laws and regulations pertaining to entrepreneurial venture
- CO-3. Examine innovative ideas for the creation and management of entrepreneurship
- CO-4. Analyze financial ecosystem for the start-ups
- CO-5. Formulate a viable business plan to the investors appraisal

## Course Outcomes (COs)

Course Title & Code: Industry Internship (BAI513A)

After the successful completion of this course, the student will be able to:

- CO-1. Present the organization structure of the industry/business
- CO-2. Apply classroom concepts and principles in an industry work environment.
- CO-3. Establish goals by working with supervision for the internship experience



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- CO-4. Develop work competencies for a specific profession or occupation
- CO-5. Identify areas for future knowledge and skill development and build professional network

### Course Outcomes (COs)

Course Title & Code: Data Analytics (BAE541A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the importance of data analytics in business
- CO-2. Discuss the concepts of ridge regression and Linear Discriminant Analysis (LDA)
- CO-3. Discuss the concepts and methods for Exploratory Data Analysis (EDA)
- CO-4. Analyse Principal Component Analysis (PCA) and its applications
- CO-5. Classify data using clustering techniques
- CO-6. Apply spread sheet and analytic tools to analyse business problems

### Course Outcomes (COs)

Course Title & Code: Business Intelligence and Visual Analytics (BAE542A)

After the successful completion of this course, the student will be able to:

- CO-1. Explain the concepts of data management, business intelligence and data warehousing
- CO-2. Discuss database schemas in the context of database design
- CO-3. Develop appropriate physical and logical data models aligned with business requirements
- CO-4. Identify business problems with advanced visualizations
- CO-5. Design dashboards for operational performance reporting

### Course Outcomes (COs)

Course Title & Code: Introduction to Python (BAE543A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate basic frameworks and libraries of Python
- CO-2. Design and develop simple Python programs using interactive editors
- CO-3. Process data from varied sources and apply to business problems
- CO-4. Apply grouping, sorting and reporting tools to perform descriptive statistics
- CO-5. Apply statistical tools to perform predictive analytics for business problems



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## Course Outcomes (COs)

Course Title & Code: Group Project (BAP601A)

After the successful completion of this course, the student will be able to:

- CO-1. Work in a team and undertake a project in their area of specialization
- CO-2. Apply the management principles for executing the project
- CO-3. Apply appropriate research methodology while formulating a project
- CO-4. Analyse data, report findings and recommend appropriate solutions to resolve the problem
- CO-5. Develop a video which explains the project, exhibit, make a presentation and document the work

## Course Outcomes (COs)

Course Title & Code: Thesis and Publication (BAP602A)

After undergoing this course students will be able to:

- CO-1. Critically review scholarly literature collected from various sources for the project purpose and formulate a research problem
- CO-2. Prepare and present a research proposal
- CO-3. Conduct research to achieve research objectives
- CO-4. Propose new ideas/methodologies or procedures for further improvement of the research undertaken
- CO-5. Create research document and write and submit research papers for publication in reputed journals

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# M.S. Ramaiah University of Applied Sciences

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**RAMAIAH  
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## PO, PSO, PEO & CO

Programme: M.B.A in Hospitality Management

Programme Code: 101

Programme Outcome (PO)

Programme Specific Outcome (PSO)

Programme Educational Objectives (PEO)

Course Outcomes (CO)

  
Registrar  
M.S. Ramaiah University of Applied Sciences  
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Head of the Department  
Faculty of Management and Commerce  
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Approved in 23<sup>rd</sup> ACM (Resolution 23.05) held on 15<sup>th</sup> July 2021

RUAS- PO, PSO, PEO & CO

# Faculty of Management and Commerce (FMC)

Programme Name: M.B.A in Hospitality Management

## Programme Outcomes (POs)

M.B.A. postgraduates will be able to learn:

- PO-1. Knowledge and Understanding:** Gain knowledge of recognising the functions of businesses, identifying potential business opportunities, setting up of business enterprises and exploring the entrepreneurial opportunities within the purview of legal and regulatory frameworks
- PO-2. Environment and Sustainability:** Understand the impact of the management decisions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development
- PO-3. Social Responsibility and Ethics:** Apply ethical principles and adhere to corporate ethics as well as social responsibilities of a business enterprise
- PO-4. Problem Identification and Solution:** Apply functional knowledge to identify and solve business management problems using appropriate qualitative and quantitative tools and techniques
- PO-5. Management Decision Making:** Analyse business opportunities and challenges using appropriate information, relevant data analysis techniques and logical thinking to suggest suitable solutions for business decision making
- PO-6. Management Methodologies:** Evaluate the use of management concepts for business decision making
- PO-7. Business Research:** Critical review of research literature, identify and articulate the research problem, apply appropriate research methodologies, tools and techniques to solve research problem
- PO-8. New Knowledge Creation:** Create frameworks and models using specialised functional and statistical methodologies, tools and techniques for management decision making
- PO-9. Leadership and Teamwork:** Function effectively as an individual, and as a member or leader in diverse teams, of multidisciplinary settings, cross-cultural and global teams
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- PO-11. Lifelong Learning:** Analyse the need for ability to engage in independent and lifelong learning in broader business context and adapt according to the changes



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**Programme Specific Outcomes (PSOs)**





**At the end of the M.B.A. (Hospitality Management) program, the graduate will be able to:**

- PSO-1.** Apply the knowledge and understanding of principles of management in general and hospitality management in particular, to develop innovative solutions to real-world problems.
- PSO-2.** Apply hospitality management principles to interpret Hospitality Operations, Revenue Management, Customer Relationship and Public Relations, Hospitality Information Systems requirements, develop and propose strategies for efficient and effective performance, plan and allocate resources for success in the area of Hospitality.
- PSO-3.** Demonstrate leadership qualities and strive for the betterment of organization, environment, and society with ethics.
- PSO-4.** Demonstrate an understanding of the importance of life-long learning through professional development, and practical training.

### **Program Educational Objectives (PEOs)**

**The objectives of the M.B.A. (Hospitality Management) Programme are to:**

- PEO-1.** To provide students with knowledge of principles of management in general, Hospitality Operations, Revenue Management, Customer Relationship and Public Relations, Hospitality Information Systems, and trends in the hospitality sector.
- PEO-2.** To facilitate proficiency in communication, team skills and enhance professional qualities to be a globally competent professional.
- PEO-3.** To provide research opportunities to develop critical thinking abilities in the students and enable them to augment creative and innovative abilities of students to meet the challenges of the constantly evolving hospitality industry.
- PEO-4.** To inculcate professional ethics, strong human values and social skills for the development of leadership skills required for professional success in evolving global professional environments.

### **Course Outcomes (COs)**

**Course Title & Code: Managerial Skills and Business Communication (BAC501A)**

**After the successful completion of this course, the student will be able to:**

- CO-1.** Discuss the evolution, key concepts, principles and functions of management
- CO-2.** Discuss the importance and relevance of various managerial skills at different levels of management
- CO-3.** Discuss the essentials of business communication
- CO-4.** Compose effective internal and external written business communications
- CO-5.** Demonstrate important communication skills including the techniques of public speaking, including message development, content, projection, inflection and delivery.

### **Course Outcomes (COs)**

  
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**Course Title & Code: Human Resource Management (BAC502A)**

**After the successful completion of this course, the student will be able to:**

- CO-1. Elucidate the concepts of Human Resource Management in an organisation
- CO-2. Discuss the contribution of Organisation Behaviour in managing human resources of an organisation
- CO-3. Analyse Organisational culture, structure and design
- CO-4. Assess human resource strategies regarding recruitment, training and performance management
- CO-5. Apply the concepts of Industrial Relations and Conflict Management

**Course Outcomes (COs)**

**Course Title & Code: Managerial Economics (BAC503A)**

**After the successful completion of this course, the student will be able to:**

- CO-1. Elucidate the concepts of micro and macroeconomics
- CO-2. Discuss the concepts of consumer behavior
- CO-3. Apply forecasting techniques to address demand-supply issues
- CO-4. Examine economic logic for managerial decision making
- CO-5. Analyze implications of changes in Government fiscal and monetary policies
- CO-6. Evaluate the evolution of macroeconomic thought

**Course Outcomes (COs)**

**Course Title & Code: Managerial Accounts (BAC504A)**

**After the successful completion of this course, the student will be able to:**

- CO-1. Discuss the concepts and principles of accounting
- CO-2. Compute depreciation using different methods
- CO-3. Prepare final accounts of the company and generate reports in Tally
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**Course Outcomes (COs)**

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- CO-3. Analyse Organisational culture, structure and design
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RUAS- PO, PSO, PEO & CO





## Course Outcomes (COs)

Course Title & Code: Operations Management (BAC506A)

After the successful completion of this course, the student will be able to:

- CO-1. Explain the evolution of Operations Management and its strategic role
- CO-2. Discuss project management tools and their applications
- CO-3. Apply and examine the concepts of decision making under certainty and uncertainty
- CO-4. Develop capacity planning, facility location and production planning strategies
- CO-5. Apply forecasting models for demand prediction
- CO-6. Design operations plan using spread sheet solver and open source tools

## Course Outcomes (COs)

Course Title & Code: Strategic Management, CSR and Sustainability (BAC507A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the concepts of strategic management
- CO-2. Discuss the role of mission, vision and objective of an organization / business units
- CO-3. Analyze CSR, external and internal factors influencing business environment for sustainability
- CO-4. Formulate strategies and implement strategies using appropriate tools and techniques
- CO-5. Analyse Corporate Social Responsibility and Sustainability

## Course Outcomes (COs)

Course Title & Code: Business Mathematics, Statistics and Analytics (BAC511A)

After the successful completion of this course, the student will be able to:

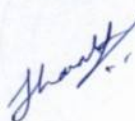
- CO-1. Discuss algebraic equalities and inequalities in business context
- CO-2. Solve problems related to matrices and their operations
- CO-3. Discuss concepts of descriptive statistics
- CO-4. Apply various probability distributions to business problems
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- CO-7. Apply statistical software to facilitate managerial decision making

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Course Title & Code: Management Information Systems (BAC509A)

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- CO-3. Discuss data governance, data privacy and data protection in compliance with corporate policies and regulatory bodies



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Bengaluru - 560 054



- CO-4. Analyse and design Information Systems for an organisation using appropriate tools and techniques
- CO-5. Create tables, forms and reports and maintain a database in database application

### Course Outcomes (COs)

**Course Title & Code: Business Law and Corporate Governance (22MBA510A)**

**After the successful completion of this course, the student will be able to:**

- CO-1. Explain the legal aspects in business and amendments in justice delivery system for business in the Indian Scenario
- CO-2. Discuss the salient Business Acts
- CO-3. Discuss the incorporation of companies and their functions
- CO-4. Examine the key provisions of Companies act
- CO-5. Analyse existing standards and frameworks for Corporate Governance

### Course Outcomes (COs)

**Course Title & Code: Corporate Finance (BAC511A)**

**After the successful completion of this course, the student will be able to:**

- CO-1. Discuss the essential principles of Financial Management
- CO-2. Discuss cost of capital, capital budget, inventory value and working capital
- CO-3. Analyse problems and provide solutions pertinent to the financial management function
- CO-4. Analyse financial decisions for value maximization
- CO-5. Demonstrate use of financial techniques and tools in financial investment, dividend distribution and asset management
- CO-6. Solve problems related to finding optimum capital structure

### Course Outcomes (COs)

**Course Title & Code: Innovation and Entrepreneurship (BAC512A)**

**After the successful completion of this course, the student will be able to:**

- CO-1. Discuss the concepts and process of entrepreneurship
- CO-2. Distinguish laws and regulations pertaining to entrepreneurial venture
- CO-3. Examine innovative ideas for the creation and management of entrepreneurship
- CO-4. Analyze financial ecosystem for the start-ups
- CO-5. Formulate a viable business plan to the investors appraisal

*Shardul*  
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## Course Outcomes (COs)

Course Title & Code: Industry Internship (BAI513A)

After the successful completion of this course, the student will be able to:

- CO-1. Present the organization structure of the industry/business
- CO-2. Apply classroom concepts and principles in an industry work environment.
- CO-3. Establish goals by working with supervision for the internship experience
- CO-4. Develop work competencies for a specific profession or occupation
- CO-5. Identify areas for future knowledge and skill development and build professional network

## Course Outcomes (COs)

Course Title & Code: Hospitality Operations Management (BAE571A)

After the successful completion of this course, the student will be able to:

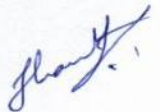
- CO-1. Discuss management techniques commonly used in hospitality operations for effective resource utilisation
- CO-2. Analyse security and environmental needs in an ever-changing hospitality business
- CO-3. Apply contemporary methods to ensure the safety of stakeholders and enhancement of quality in a given operation
- CO-4. Develop standard operating procedures with a focus on establishing high standards of customer satisfaction using contemporary methods
- CO-5. Appraise and employ the latest methods of financial management for profit maximization and control of funds in hospitality operations
- CO-6. Formulate and employ control measures in terms of workforce, inventory, and equipment

## Course Outcomes (COs)

Course Title & Code: Hospitality Operations Management (BAE571A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss management techniques commonly used in hospitality operations for effective resource utilisation
- CO-2. Analyse security and environmental needs in an ever-changing hospitality business
- CO-3. Apply contemporary methods to ensure the safety of stakeholders and enhancement of quality in a given operation
- CO-4. Develop standard operating procedures with a focus on establishing high standards of customer satisfaction using contemporary methods
- CO-5. Appraise and employ the latest methods of financial management for profit maximization and control of funds in hospitality operations
- CO-6. Formulate and employ control measures in terms of workforce, inventory, and equipment

  
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RUAS- PO, PSO, PEO & CO

  
**Registrar**  
M.S. Ramaiah University of Applied Sciences  
Bangalore - 560 054

## Course Outcomes (COs)

Course Title & Code: Group Project (BAP601A)

After the successful completion of this course, the student will be able to:

- CO-1. Work in a team and undertake a project in their area of specialization
- CO-2. Apply the management principles for executing the project
- CO-3. Apply appropriate research methodology while formulating a project
- CO-4. Analyse data, report findings and recommend appropriate solutions to resolve the problem
- CO-5. Develop a video which explains the project, exhibit, make a presentation and document the work

## Course Outcomes (COs)

Course Title & Code: Thesis and Publication (BAP602A)

After undergoing this course students will be able to:

- CO-1. Critically review scholarly literature collected from various sources for the project purpose and formulate a research problem
- CO-2. Prepare and present a research proposal
- CO-3. Conduct research to achieve research objectives
- CO-4. Propose new ideas/methodologies or procedures for further improvement of the research undertaken
- CO-5. Create research document and write and submit research papers for publication in reputed journals

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## PO, PSO, PEO & CO

Programme: M.B.A in Human Resource Management

Programme Code: 101

Programme Outcome (PO)

Programme Specific Outcome (PSO)

Programme Educational Objectives (PEO)

Course Outcomes (CO)



Approved in 23<sup>rd</sup> ACM (Resolution 23.05) held on 15<sup>th</sup> July 2021

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# Faculty of Management and Commerce (FMC)

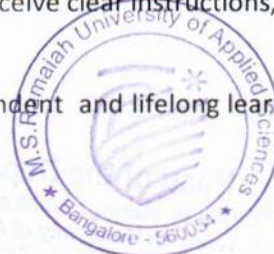
Programme Name: M.B.A in Human Resource Management

## Programme Outcomes (POs)

M.B.A. postgraduates will be able to:

- PO-1. Knowledge and Understanding:** Gain knowledge of recognising the functions of businesses, identifying potential business opportunities, setting up of business enterprises and exploring the entrepreneurial opportunities within the purview of legal and regulatory frameworks
- PO-2. Environment and Sustainability:** Understand the impact of the management decisions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development
- PO-3. Social Responsibility and Ethics:** Apply ethical principles and adhere to corporate ethics as well as social responsibilities of a business enterprise
- PO-4. Problem Identification and Solution:** Apply functional knowledge to identify and solve business management problems using appropriate qualitative and quantitative tools and techniques
- PO-5. Management Decision Making:** Analyse business opportunities and challenges using appropriate information, relevant data analysis techniques and logical thinking to suggest suitable solutions for business decision making
- PO-6. Management Methodologies:** Evaluate the use of management concepts for business decision making
- PO-7. Business Research:** Critical review of research literature, identify and articulate the research problem, apply appropriate research methodologies, tools and techniques to solve research problem
- PO-8. New Knowledge Creation:** Create frameworks and models using specialised functional and statistical methodologies, tools and techniques for management decision making
- PO-9. Leadership and Teamwork:** Function effectively as an individual, and as a member or leader in diverse teams, of multidisciplinary settings, cross-cultural and global teams
- PO-10. Communication:** Effectively communicate with prospective employers with an ability to convey management decisions to the organisation and its stakeholders appropriately (comprehend and write effective reports, make effective presentations, provide and receive clear instructions, use of digital communication, social networking platforms and so on)
- PO-11. Lifelong Learning:** Analyse the need for ability to engage in independent and lifelong learning in broader business context and adapt according to the changes.

  
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## Programme Specific Outcomes (PSOs)

At the end of the M.B.A. (Human Resource Management) program, the graduate will be able to:

- PSO-1. Apply the knowledge and understanding of principles of management in general and Human Resource Management principles in particular, to improve organizational performance through appropriate HR strategies
- PSO-2. Apply imbibed principles of Human Resource Management to forecast human resource requirements and develop strategies for enhanced organisation performance, plan and allocate human resources for execution of operations, design HR models for enhanced organization efficiency to manage culture and diversity across cross cultural teams
- PSO-3. Demonstrate global leadership qualities and strive for safety and welfare of employees, betterment of organization, environment and society
- PSO-4. Demonstrate an understanding of the importance of life-long learning through human resource standards, metrics, practices, practical training and specialized certifications

## Programme Specific Outcomes (PSOs)

At the end of the M.B.A. (Human Resource Management) program, the graduate will be able to:

- PSO-1. Apply the knowledge and understanding of principles of management in general and Human Resource Management principles in particular, to improve organizational performance through appropriate HR strategies
- PSO-2. Apply imbibed principles of Human Resource Management to forecast human resource requirements and develop strategies for enhanced organisation performance, plan and allocate human resources for execution of operations, design HR models for enhanced organization efficiency to manage culture and diversity across cross cultural teams
- PSO-3. Demonstrate global leadership qualities and strive for safety and welfare of employees, betterment of organization, environment and society
- PSO-4. Demonstrate an understanding of the importance of life-long learning through human resource standards, metrics, practices, practical training and specialized certifications.

## Course Outcomes (COs)

Course Title & Code: Managerial Skills and Business Communication (BAC501A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the evolution, key concepts, principles and functions of management
- CO-2. Discuss the importance and relevance of various managerial skills at different levels of management
- CO-3. Discuss the essentials of business communication
- CO-4. Compose effective internal and external written business communications
- CO-5. Demonstrate important communication skills including the techniques of public speaking including message development, content, projection, inflection and delivery.

  
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## Course Outcomes (COs)

Course Title & Code: Human Resource Management (BAC502A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the concepts of Human Resource Management in an organisation
- CO-2. Discuss the contribution of Organisation Behaviour in managing human resources of an organisation
- CO-3. Analyse Organisational culture, structure and design
- CO-4. Assess human resource strategies regarding recruitment, training and performance management
- CO-5. Apply the concepts of Industrial Relations and Conflict Management

## Course Outcomes (COs)

Course Title & Code: Managerial Economics (BAC503A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the concepts of micro and macroeconomics
- CO-2. Discuss the concepts of consumer behavior
- CO-3. Apply forecasting techniques to address demand-supply issues
- CO-4. Examine economic logic for managerial decision making
- CO-5. Analyze implications of changes in Government fiscal and monetary policies
- CO-6. Evaluate the evolution of macroeconomic thought

## Course Outcomes (COs)

Course Title & Code: Managerial Accounts (BAC504A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the concepts and principles of accounting
- CO-2. Compute depreciation using different methods
- CO-3. Prepare final accounts of the company and generate reports in Tally
- CO-4. Analyse the financial statements of the company for decision making
- CO-5. Analysis of Cash flow and fund flow statements for decision making

## Course Outcomes (COs)

Course Title & Code: Human Resource Management (BAC502A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the concepts of Human Resource Management in an organisation
- CO-2. Discuss the contribution of Organisation Behaviour in managing human resources of an organisation

  
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- CO-3. Analyse Organisational culture, structure and design
- CO-4. Assess human resource strategies regarding recruitment, training and performance management
- CO-5. Apply the concepts of Industrial Relations and Conflict Management

## Course Outcomes (COs)

**Course Title & Code: Operations Management (BAC506A)**

**After the successful completion of this course, the student will be able to:**

- CO-1. Explain the evolution of Operations Management and its strategic role
- CO-2. Discuss project management tools and their applications
- CO-3. Apply and examine the concepts of decision making under certainty and uncertainty
- CO-4. Develop capacity planning, facility location and production planning strategies
- CO-5. Apply forecasting models for demand prediction
- CO-6. Design operations plan using spread sheet solver and open source tools

## Course Outcomes (COs)

**Course Title & Code: Strategic Management, CSR and Sustainability (BAC507A)**

**After the successful completion of this course, the student will be able to:**

- CO-1. Elucidate the concepts of strategic management
- CO-2. Discuss the role of mission, vision and objective of an organization / business units
- CO-3. Analyze CSR, external and internal factors influencing business environment for sustainability
- CO-4. Formulate strategies and implement strategies using appropriate tools and techniques
- CO-5. Analyse Corporate Social Responsibility and Sustainability

## Course Outcomes (COs)

**Course Title & Code: Business Mathematics, Statistics and Analytics (BAC511A)**

**After the successful completion of this course, the student will be able to:**

- CO-1. Discuss algebraic equalities and inequalities in business context
- CO-2. Solve problems related to matrices and their operations
- CO-3. Discuss concepts of descriptive statistics
- CO-4. Apply various probability distributions to business problems
- CO-5. Formulate and test hypothesis for effective decision making
- CO-6. Build appropriate analytical models to business problems
- CO-7. Apply statistical software to facilitate managerial decision making



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## Course Outcomes (COs)

Course Title & Code: Management Information Systems (BAC509A)

After the successful completion of this course, the student will be able to:

- CO-1. Explain functions and features of MIS, Database Management and Enterprise Applications
- CO-2. Discuss the benefits of Information Technology and ERP to improve managerial decision-making
- CO-3. Discuss data governance, data privacy and data protection in compliance with corporate policies and regulatory bodies
- CO-4. Analyse and design Information Systems for an organisation using appropriate tools and techniques
- CO-5. Create tables, forms and reports and maintain a database in database application

## Course Outcomes (COs)

Course Title & Code: Business Law and Corporate Governance (22MBA510A)

After the successful completion of this course, the student will be able to:

- CO-1. Explain the legal aspects in business and amendments in justice delivery system for business in the Indian Scenario
- CO-2. Discuss the salient Business Acts
- CO-3. Discuss the incorporation of companies and their functions
- CO-4. Examine the key provisions of Companies act
- CO-5. Analyse existing standards and frameworks for Corporate Governance

## Course Outcomes (COs)

Course Title & Code: Corporate Finance (BAC511A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the essential principles of Financial Management
- CO-2. Discuss cost of capital, capital budget, inventory value and working capital
- CO-3. Analyse problems and provide solutions pertinent to the financial management function
- CO-4. Analyse financial decisions for value maximization
- CO-5. Demonstrate use of financial techniques and tools in financial investment, dividend distribution and asset management
- CO-6. Solve problems related to finding optimum capital structure

  
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## Course Outcomes (COs)

Course Title & Code: Innovation and Entrepreneurship (BAC512A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the concepts and process of entrepreneurship
- CO-2. Distinguish laws and regulations pertaining to entrepreneurial venture
- CO-3. Examine innovative ideas for the creation and management of entrepreneurship
- CO-4. Analyze financial ecosystem for the start-ups
- CO-5. Formulate a viable business plan to the investors appraisal

## Course Outcomes (COs)

Course Title & Code: Industry Internship (BAI513A)

After the successful completion of this course, the student will be able to:

- CO-1. Present the organization structure of the industry/business
- CO-2. Apply classroom concepts and principles in an industry work environment
- CO-3. Establish goals by working with supervision for the internship experience
- CO-4. Develop work competencies for a specific profession or occupation
- CO-5. Identify areas for future knowledge and skill development and build professional network

## Course Outcomes (COs)

Course Title & Code: Recruitment, Compensation and Performance Management (BAE551A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss Competency mapping process and competency models for strategic staffing in an organization
- CO-2. Examine the steps in recruitment and selection process
- CO-3. Determine the key components of compensation and the methods for calculation of compensation and benefits
- CO-4. Analyse and develop performance outcome plans for Human Resource Development
- CO-5. Illustrate compensation plans for human resource development

## Course Outcomes (COs)

Course Title & Code: Recruitment, Compensation and Performance Management (BAE551A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss Competency mapping process and competency models for strategic staffing in an organization
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- compensation and benefits
- CO-4. Analyse and develop performance outcome plans for Human Resource Development
  - CO-5. Illustrate compensation plans for human resource development

## Course Outcomes (COs)

**Course Title & Code: Recruitment, Compensation and Performance Management (BAE551A)**

**After the successful completion of this course, the student will be able to:**

- CO-1. Discuss Competency mapping process and competency models for strategic staffing in an organization
- CO-2. Examine the steps in recruitment and selection process
- CO-3. Determine the key components of compensation and the methods for calculation of compensation and benefits
- CO-4. Analyse and develop performance outcome plans for Human Resource Development
- CO-5. Illustrate compensation plans for human resource development

## Course Outcomes (COs)

**Course Title & Code: Group Project (BAP601A)**

**After the successful completion of this course, the student will be able to:**


- CO-1. Work in a team and undertake a project in their area of specialization
- CO-2. Apply the management principles for executing the project
- CO-3. Apply appropriate research methodology while formulating a project
- CO-4. Analyse data, report findings and recommend appropriate solutions to resolve the problem
- CO-5. Develop a video which explains the project, exhibit, make a presentation and document the work

## Course Outcomes (COs)

**Course Title & Code: Thesis and Publication (BAP602A)**

**After undergoing this course students will be able to:**

- CO-1. Critically review scholarly literature collected from various sources for the project purpose and formulate a research problem
- CO-2. Prepare and present a research proposal
- CO-3. Conduct research to achieve research objectives
- CO-4. Propose new ideas/methodologies or procedures for further improvement of the research undertaken
- CO-5. Create research document and write and submit research papers for publication in reputed journals

  
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# M.S. Ramaiah University of Applied Sciences

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**RAMAIAH  
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## PO, PSO, PEO & CO

Programme: M.B.A in Operations Management

Programme Code: 101

Programme Outcome (PO)

Programme Specific Outcome (PSO)

Programme Educational Objectives (PEO)

Course Outcomes (CO)

Registrar

M.S. Ramaiah University of Applied Sciences  
Bangalore - 560 054

Approved in 23<sup>rd</sup> ACM (Resolution 23.05) held on 15<sup>th</sup> July 2021

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RUAS- PO, PSO, PEO & CO

# Faculty of Management and Commerce (FMC)

Programme Name: M.B.A in Operations Management

## Programme Outcomes (POs)

M.B.A. postgraduates will be able to:

- PO-1. Knowledge and Understanding:** Gain Knowledge of Recognising the Functions of Businesses, Identifying Potential Business Opportunities, Setting Up of Business Enterprises and Exploring the Entrepreneurial Opportunities Within the Purview of Legal and Regulatory Frameworks
- PO-2. Environment and Sustainability:** Understand the Impact of the Management Decisions In Societal And Environmental Contexts, And Demonstrate The Knowledge Of, And Need For Sustainable Development
- PO-3. Social Responsibility and Ethics:** Apply Ethical Principles and Adhere to Corporate Ethics as Well as Social Responsibilities of a Business Enterprise
- PO-4. Problem Identification and Solution:** Apply Functional Knowledge to Identify and Solve Business Management Problems Using Appropriate Qualitative and Quantitative Tools and Techniques
- PO-5. Management Decision Making:** Analyse Business Opportunities and Challenges Using Appropriate Information, Relevant Data Analysis Techniques and Logical Thinking to Suggest Suitable Solutions for Business Decision Making
- PO-6. Management Methodologies:** Evaluate the Use of Management Concepts for Business Decision Making
- PO-7. Business Research:** Critical Review of Research Literature, Identify and Articulate the Research Problem, Apply Appropriate Research Methodologies, Tools and Techniques to Solve Research Problem
- PO-8. New Knowledge Creation:** Create Frameworks and Models using Specialised Functional and Statistical Methodologies, Tools and Techniques for Management Decision Making
- PO-9. Leadership and Teamwork:** Function effectively as an Individual, and as a Member or Leader in Diverse Teams, of Multidisciplinary Settings, Cross-Cultural and Global Teams
- PO-10. Communication:** Effectively Communicate with Prospective Employers with an Ability to Convey Management Decisions to the Organisation and its Stakeholders Appropriately (Comprehend and Write Effective Reports, Make Effective Presentations, Provide and Receive Clear Instructions, use of Digital Communication, Social Networking Platforms and so on)
- PO-11. Lifelong Learning:** Analyse the Need for Ability to Engage in Independent and Lifelong Learning in Broader Business Context and Adapt According to the Changes.



## Programme Specific Outcomes (PSOs)

At the end of the M.B.A. (Operations Management) program, the graduate will be able to:

- PSO-1.** Apply the Knowledge and Understanding of Principles of Management in General and Operations Management Tools and Techniques, to Develop Innovative and Safe Solutions to Real-World Problems
- PSO-2.** Apply Operations Management to Interpret Supply Chain Management and Logistic Decisions and Develop Strategies for Enhanced Operational Performance, Plan and Allocate Physical as well as Human Resources for Execution of Operations
- PSO-3.** Demonstrate Leadership Qualities and Strive for the Betterment of Organization, Environment, and Society along with Formulating Operation's Models for Enhanced Business Efficiency
- PSO-4.** Appreciate the Importance of Life-Long Learning through Professional Development, Practical Training, and Specialized Certifications

## Program Educational Objectives (PEOs)

The objectives of the M.B.A. (Operations Management) Programme are to:


- PEO-1.** Provide Students with a Strong Foundation in Operations Management Tools and Techniques to enable them to devise and Deliver Efficient Solutions for Challenging Decision Problems in Organisations
- PEO-2.** Impart Analytical and Cognitive Skills Required to Develop Innovative Solutions for Research & Development, Industry, and Societal Requirements
- PEO-3.** Provide Theoretical and Practical Knowledge on Principles of Operations Management, Managerial, Entrepreneurial, and Decision-Making Skills to Enable Students to Contribute to the Well-Being and Welfare of the Society
- PEO-4.** Inculcate Human Values as Well as Social, Interpersonal and Leadership Skills Required for Professional Success in Evolving Global Professional Environments

## Course Outcomes (COs)

Course Title & Code: Managerial Skills and Business Communication (BAC501A)

After the successful completion of this course, the student will be able to:

- CO-1.** Discuss the evolution, key concepts, principles and functions of management
- CO-2.** Discuss the importance and relevance of various managerial skills at different levels of management
- CO-3.** Discuss the essentials of business communication
- CO-4.** Compose effective internal and external written business communications
- CO-5.** Demonstrate important communication skills including the techniques of public speaking, including message development, content, projection, inflection and delivery.

  
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## Course Outcomes (COs)

Course Title & Code: Human Resource Management (BAC502A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the concepts of Human Resource Management in an organisation
- CO-2. Discuss the contribution of Organisation Behaviour in managing human resources of an organisation
- CO-3. Analyse Organisational culture, structure and design
- CO-4. Assess human resource strategies regarding recruitment, training and performance management
- CO-5. Apply the concepts of Industrial Relations and Conflict Management

## Course Outcomes (COs)

Course Title & Code: Managerial Economics (BAC503A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the concepts of micro and macroeconomics
- CO-2. Discuss the concepts of consumer behavior
- CO-3. Apply forecasting techniques to address demand-supply issues
- CO-4. Examine economic logic for managerial decision making
- CO-5. Analyze implications of changes in Government fiscal and monetary policies
- CO-6. Evaluate the evolution of macroeconomic thought

## Course Outcomes (COs)

Course Title & Code: Managerial Accounts (BAC504A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the concepts and principles of accounting
- CO-2. Compute depreciation using different methods
- CO-3. Prepare final accounts of the company and generate reports in Tally
- CO-4. Analyse the financial statements of the company for decision making
- CO-5. Analysis of Cash flow and fund flow statements for decision making

## Course Outcomes (COs)

Course Title & Code: Human Resource Management (BAC502A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the concepts of Human Resource Management in an organisation
- CO-2. Discuss the contribution of Organisation Behaviour in managing human resources of an organisation
- CO-3. Analyse Organisational culture, structure and design

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- CO-4. Assess human resource strategies regarding recruitment, training and performance management
- CO-5. Apply the concepts of Industrial Relations and Conflict Management

### Course Outcomes (COs)

Course Title & Code: Operations Management (BAC506A)

After the successful completion of this course, the student will be able to:

- CO-1. Explain the evolution of Operations Management and its strategic role
- CO-2. Discuss project management tools and their applications
- CO-3. Apply and examine the concepts of decision making under certainty and uncertainty
- CO-4. Develop capacity planning, facility location and production planning strategies
- CO-5. Apply forecasting models for demand prediction
- CO-6. Design operations plan using spread sheet solver and open source tools

### Course Outcomes (COs)

Course Title & Code: Strategic Management, CSR and Sustainability (BAC507A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the concepts of strategic management
- CO-2. Discuss the role of mission, vision and objective of an organization / business units
- CO-3. Analyze CSR, external and internal factors influencing business environment for sustainability
- CO-4. Formulate strategies and implement strategies using appropriate tools and techniques
- CO-5. Analyse Corporate Social Responsibility and Sustainability

### Course Outcomes (COs)

Course Title & Code: Business Mathematics, Statistics and Analytics (BAC511A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss algebraic equalities and inequalities in business context
- CO-2. Solve problems related to matrices and their operations
- CO-3. Discuss concepts of descriptive statistics
- CO-4. Apply various probability distributions to business problems
- CO-5. Formulate and test hypothesis for effective decision making
- CO-6. Build appropriate analytical models to business problems
- CO-7. Apply statistical software to facilitate managerial decision making

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## Course Outcomes (COs)

Course Title & Code: Management Information Systems (BAC509A)

After the successful completion of this course, the student will be able to:

- CO-1. Explain functions and features of MIS, Database Management and Enterprise Applications
- CO-2. Discuss the benefits of Information Technology and ERP to improve managerial decision-making
- CO-3. Discuss data governance, data privacy and data protection in compliance with corporate policies and regulatory bodies
- CO-4. Analyse and design Information Systems for an organisation using appropriate tools and techniques
- CO-5. Create tables, forms and reports and maintain a database in database application

## Course Outcomes (COs)

Course Title & Code: Business Law and Corporate Governance (22MBA510A)

After the successful completion of this course, the student will be able to:

- CO-1. Explain the legal aspects in business and amendments in justice delivery system for business in the Indian Scenario
- CO-2. Discuss the salient Business Acts
- CO-3. Discuss the incorporation of companies and their functions
- CO-4. Examine the key provisions of Companies act
- CO-5. Analyse existing standards and frameworks for Corporate Governance

## Course Outcomes (COs)

Course Title & Code: Corporate Finance (BAC511A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the essential principles of Financial Management
- CO-2. Discuss cost of capital, capital budget, inventory value and working capital
- CO-3. Analyse problems and provide solutions pertinent to the financial management function
- CO-4. Analyse financial decisions for value maximization
- CO-5. Demonstrate use of financial techniques and tools in financial investment, dividend distribution and asset management
- CO-6. Solve problems related to finding optimum capital structure

  
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## Course Outcomes (COs)

Course Title & Code: Innovation and Entrepreneurship (BAC512A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the concepts and process of entrepreneurship
- CO-2. Distinguish laws and regulations pertaining to entrepreneurial venture
- CO-3. Examine innovative ideas for the creation and management of entrepreneurship
- CO-4. Analyze financial ecosystem for the start-ups
- CO-5. Formulate a viable business plan to the investors appraisal

## Course Outcomes (COs)

Course Title & Code: Industry Internship (BAI513A)

After the successful completion of this course, the student will be able to:

- CO-1. Present the organization structure of the industry/business
- CO-2. Apply classroom concepts and principles in an industry work environment.
- CO-3. Establish goals by working with supervision for the internship experience
- CO-4. Develop work competencies for a specific profession or occupation
- CO-5. Identify areas for future knowledge and skill development and build professional network

## Course Outcomes (COs)

Course Title & Code: Applied Operations Research (BAE531A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the importance of applied Operations Research (OR) for quantitative decision making in Business
- CO-2. Formulate managerial problems mathematically and solve using OR techniques to arrive at optimal solutions
- CO-3. Formulate and solve queuing models in the operational context
- CO-4. Analyse problem specific models for Transportation and Assignment problems
- CO-5. Apply Multi-Criteria Decision Making (MCDM) models to attain optimality

## Course Outcomes (COs)

Course Title & Code: Applied Operations Research (BAE531A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the importance of applied Operations Research (OR) for quantitative decision making in Business
- CO-2. Formulate managerial problems mathematically and solve using OR techniques to arrive at optimal solutions

  
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- CO-3. Formulate and solve queuing models in the operational context
- CO-4. Analyse problem specific models for Transportation and Assignment problems
- CO-5. Apply Multi-Criteria Decision Making (MCDM) models to attain optimality

## Course Outcomes (COs)

Course Title & Code: Applied Operations Research (BAE531A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the importance of applied Operations Research (OR) for quantitative decision making in Business
- CO-2. Formulate managerial problems mathematically and solve using OR techniques to arrive at optimal solutions
- CO-3. Formulate and solve queuing models in the operational context
- CO-4. Analyse problem specific models for Transportation and Assignment problems
- CO-5. Apply Multi-Criteria Decision Making (MCDM) models to attain optimality

## Course Outcomes (COs)

Course Title & Code: Applied Operations Research (BAE531A)

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- CO-3. Formulate and solve queuing models in the operational context
- CO-4. Analyse problem specific models for Transportation and Assignment problems
- CO-5. Apply Multi-Criteria Decision Making (MCDM) models to attain optimality

## Course Outcomes (COs)

Course Title & Code: Group Project (BAP601A)

After the successful completion of this course, the student will be able to:

- CO-1. Work in a team and undertake a project in their area of specialization
- CO-2. Apply the management principles for executing the project
- CO-3. Apply appropriate research methodology while formulating a project
- CO-4. Analyse data, report findings and recommend appropriate solutions to resolve the problem
- CO-5. Develop a video which explains the project, exhibit, make a presentation and document the work

  
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## Course Outcomes (COs)

Course Title & Code: Thesis and Publication (BAP602A)

After undergoing this course students will be able to:

- CO-1. Critically review scholarly literature collected from various sources for the project purpose and formulate a research problem
- CO-2. Prepare and present a research proposal
- CO-3. Conduct research to achieve research objectives
- CO-4. Propose new ideas/methodologies or procedures for further improvement of the research undertaken
- CO-5. Create research document and write and submit research papers for publication in reputed journals

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## PO, PSO, PEO & CO

Programme: M.B.A in Banking and Financial Services

Programme Code: 101

Programme Outcome (PO)

Programme Specific Outcome (PSO)

Programme Educational Objectives (PEO)

Course Outcomes (CO)

  
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Bangalore - 560 054

Approved in 23<sup>rd</sup> ACM (Resolution 23.05) held on 15<sup>th</sup> July 2021



Head of the Department  
Faculty of Management and Commerce  
M.S. Ramaiah University of Applied Sciences  
Bangaluru - 560 054



# Faculty of Management and Commerce (FMC)

Programme Name: M.B.A in Banking and Financial Services

## Programme Outcomes (POs)

M.B.A. postgraduates will be able to learn:

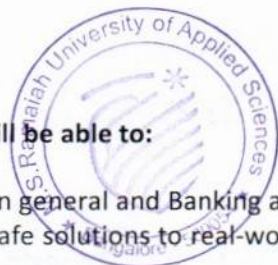
- PO-1. Knowledge and Understanding:** Gain knowledge of recognising the functions of businesses, identifying potential business opportunities, setting up of business enterprises and exploring the entrepreneurial opportunities within the purview of legal and regulatory frameworks
- PO-2. Environment and Sustainability:** Understand the impact of the management decisions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development
- PO-3. Social Responsibility and Ethics:** Apply ethical principles and adhere to corporate ethics as well as social responsibilities of a business enterprise
- PO-4. Problem Identification and Solution:** Apply functional knowledge to identify and solve business management problems using appropriate qualitative and quantitative tools and technique.
- PO-5. Management Decision Making:** Analyse business opportunities and challenges using appropriate information, relevant data analysis techniques and logical thinking to suggest suitable solutions for business decision making
- PO-6. Management Methodologies:** Evaluate the use of management concepts for business decision making
- PO-7. Business Research:** Critical review of research literature, identify and articulate the research problem, apply appropriate research methodologies, tools and techniques to solve research problem
- PO-8. New Knowledge Creation:** Create frameworks and models using specialised functional and statistical methodologies, tools and techniques for management decision making
- PO-9. Leadership and Teamwork:** Function effectively as an individual, and as a member or leader in diverse teams, of multidisciplinary settings, cross-cultural and global teams
- PO-10. Communication:** Effectively communicate with prospective employers with an ability to convey management decisions to the organisation and its stakeholders appropriately (comprehend and write effective reports, make effective presentations, provide and receive clear instructions, use of digital communication, social networking platforms and so on)
- PO-11. Lifelong Learning:** Analyse the need for ability to engage in independent and lifelong learning in broader business context and adapt according to the changes

## Programme Specific Outcomes (PSOs)

At the end of the M.B.A. (Banking and Financial Services) program, the graduate will be able to:

- PSO-1.** Apply the knowledge and understanding of principles of management in general and Banking and Financial Services management in particular to develop innovative and safe solutions to real-world

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problems

- PSO-2.** Apply Banking and Financial services knowledge to mitigate risk in financial sectors, enhance digital banking operational skills, Execute international trade finance transactions, manage treasury, design and market Financial instruments to suit investment profiles and guide in investment decisions of individuals, domestic and global business enterprises
- PSO-3.** Demonstrate leadership qualities, teamwork and strive for the betterment of organization, environment, and society
- PSO-4.** Demonstrate an understanding of the importance of life-long learning through, continuous professional development, allied skill and practical training, and specialized certifications

## Program Educational Objectives (PEOs)

The objectives of the M.B.A. (Banking and Financial services) Programme are to:

- PEO-1.** Provide students with a strong foundation in operations of Indian Banking and Financial services, develop competency in understanding laws and regulations in banking and tools to enable them to devise and deliver efficient solutions to Banking and Financial services
- PEO-2.** Impart analytic and cognitive skills required to develop innovative solutions for Banking and Financial Services sector in order to serve the society
- PEO-3.** Provide sound theoretical and practical knowledge of Banking operations, managerial, entrepreneurial and decision-making skills to enable students to contribute to the well-being and welfare of the society
- PEO-4.** Inculcate strong human values and social, interpersonal and leadership skills required for success in evolving global professional environment.

## Course Outcomes (COs)

Course Title & Code: Managerial Skills and Business Communication (BAC501A)

After the successful completion of this course, the student will be able to:

- CO-1.** Discuss the evolution, key concepts, principles and functions of management
- CO-2.** Discuss the importance and relevance of various managerial skills at different levels of management
- CO-3.** Discuss the essentials of business communication
- CO-4.** Compose effective internal and external written business communications
- CO-5.** Demonstrate important communication skills including the techniques of public speaking, including message development, content, projection, inflection and delivery.

## Course Outcomes (COs)

Course Title & Code: Human Resource Management (BAC502A)

After the successful completion of this course, the student will be able to:



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- CO-1. Elucidate the concepts of Human Resource management in an organisation
- CO-2. Discuss the contribution of Organisation Behaviour in managing human resources of an organisation
- CO-3. Analyse Organisational culture, structure and design
- CO-4. Assess human resource strategies regarding recruitment, training and performance management
- CO-5. Apply the concepts of Industrial Relations and Conflict Management

## Course Outcomes (COs)

Course Title & Code: Managerial Economics (BAC503A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the concepts of micro and macroeconomics
- CO-2. Discuss the concepts of consumer behavior
- CO-3. Apply forecasting techniques to address demand-supply issues
- CO-4. Examine economic logic for managerial decision making
- CO-5. Analyze implications of changes in Government fiscal and monetary policies
- CO-6. Evaluate the evolution of macroeconomic thought

## Course Outcomes (COs)

Course Title & Code: Managerial Accounts (BAC504A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the concepts and principles of accounting
- CO-2. Compute depreciation using different methods
- CO-3. Prepare final accounts of the company and generate reports in Tally
- CO-4. Analyse the financial statements of the company for decision making
- CO-5. Analysis of Cash flow and fund flow statements for decision making

## Course Outcomes (COs)

Course Title & Code: Human Resource Management (BAC502A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the concepts of Human Resource management in an organisation
- CO-2. Discuss the contribution of Organisation Behaviour in managing human resources of an organisation
- CO-3. Analyse Organisational culture, structure and design
- CO-4. Assess human resource strategies regarding recruitment, training and performance management
- CO-5. Apply the concepts of Industrial Relations and Conflict Management

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## Course Outcomes (COs)

Course Title & Code: Operations Management (BAC506A)

After the successful completion of this course, the student will be able to:

- CO-1. Explain the evolution of Operations Management and its strategic role
- CO-2. Discuss project management tools and their applications
- CO-3. Apply and examine the concepts of decision making under certainty and uncertainty
- CO-4. Develop capacity planning, facility location and production planning strategies
- CO-5. Apply forecasting models for demand prediction
- CO-6. Design operations plan using spread sheet solver and open source tools

## Course Outcomes (COs)

Course Title & Code: Strategic Management, CSR and Sustainability (BAC507A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the concepts of strategic management
- CO-2. Discuss the role of mission, vision and objective of an organization / business units
- CO-3. Analyze CSR, external and internal factors influencing business environment for sustainability
- CO-4. Formulate strategies and implement strategies using appropriate tools and techniques
- CO-5. Analyse Corporate Social Responsibility and Sustainability

## Course Outcomes (COs)

Course Title & Code: Business Mathematics, Statistics and Analytics (BAC511A)

After the successful completion of this course, the student will be able to:

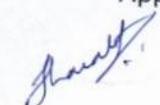
- CO-1. Discuss algebraic equalities and inequalities in business context
- CO-2. Solve problems related to matrices and their operations
- CO-3. Discuss concepts of descriptive statistics
- CO-4. Apply various probability distributions to business problems
- CO-5. Formulate and test hypothesis for effective decision making
- CO-6. Build appropriate analytical models to business problems
- CO-7. Apply statistical software to facilitate managerial decision making

## Course Outcomes (COs)

Course Title & Code: Management Information Systems (BAC509A)

After the successful completion of this course, the student will be able to:

- CO-1. Explain functions and features of MIS, Database Management and Enterprise Applications



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- CO-2. Discuss the benefits of Information Technology and ERP to improve managerial decision-making
- CO-3. Discuss data governance, data privacy and data protection in compliance with corporate policies and regulatory bodies
- CO-4. Analyse and design Information Systems for an organisation using appropriate tools and techniques
- CO-5. Create tables, forms and reports and maintain a database in database application

## Course Outcomes (COs)

**Course Title & Code: Business Law and Corporate Governance (22MBA510A)**

**After the successful completion of this course, the student will be able to:**

- CO-1. Explain the legal aspects in business and amendments in justice delivery system for business in the Indian Scenario
- CO-2. Discuss the salient Business Acts
- CO-3. Discuss the incorporation of companies and their functions
- CO-4. Examine the key provisions of Companies act
- CO-5. Analyse existing standards and frameworks for Corporate Governance

## Course Outcomes (COs)

**Course Title & Code: Corporate Finance (BAC511A)**

**After the successful completion of this course, the student will be able to:**

- CO-1. Discuss the essential principles of Financial Management
- CO-2. Discuss cost of capital, capital budget, inventory value and working capital
- CO-3. Analyse problems and provide solutions pertinent to the financial management function
- CO-4. Analyse financial decisions for value maximization
- CO-5. Demonstrate use of financial techniques and tools in financial investment, dividend distribution and asset management
- CO-6. Solve problems related to finding optimum capital structure

## Course Outcomes (COs)

**Course Title & Code: Innovation and Entrepreneurship (BAC512A)**

**After the successful completion of this course, the student will be able to:**

- CO-1. Discuss the concepts and process of entrepreneurship
- CO-2. Distinguish laws and regulations pertaining to entrepreneurial venture
- CO-3. Examine innovative ideas for the creation and management of entrepreneurship
- CO-4. Analyze financial ecosystem for the start-ups
- CO-5. Formulate a viable business plan to the investors appraisal

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## Course Outcomes (COs)

Course Title & Code: Industry Internship (BAI513A)

After the successful completion of this course, the student will be able to:

- CO-1. Present the organization structure of the industry/business
- CO-2. Apply classroom concepts and principles in an industry work environment.
- CO-3. Establish goals by working with supervision for the internship experience
- CO-4. Develop work competencies for a specific profession or occupation
- CO-5. Identify areas for future knowledge and skill development and build professional network

## Course Outcomes (COs)

Course Title & Code: Managing Banks and Treasury Management (BAE501A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss overall scenario of Indian Financial system
- CO-2. Discuss the Treasury management and regulatory framework of banks
- CO-3. Analyse the Banking operations through credit management, investment Management and Asset liability management
- CO-4. Assess the customer relationship in banking and financial institutions
- CO-5. Formulate strategies for credit expansion and liquidity Assessment

## Course Outcomes (COs)

Course Title & Code: Investment Banking and Financial Services (BAE502A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the essential principles of Investment Banking and functioning of Financial Services and institutions
- CO-2. Discuss the concepts of Merchant banking , Capital Markets and Structured Products
- CO-3. Analyse the Behavioral aspects of various Investment Avenues and Financial Markets
- CO-4. Discuss various aspects of Investment Banking and propose pertinent solutions
- CO-5. Analyse the Risk and Return Factors in Investment Proposal

## Course Outcomes (COs)

Course Title & Code: Corporate Banking and Derivatives (BAE503A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate various services of corporate banking
- CO-2. Discuss importance of corporate deposits and corporate finance

  
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- CO-3. Analyze corporate advisory services and mergers , acquisitions in banks
- CO-4. Discuss risk management and evaluate futures and forwards
- CO-5. Evaluate the price of options and options strategies

## Course Outcomes (COs)

Course Title & Code: Start Up and Trade Finance (BAE504A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the standard process and practices followed in international trade
- CO-2. Analyse the competitiveness and profitability of potential international trade
- CO-3. Assess the risks involved in international trade and form strategies
- CO-4. Attain high ethical and professional standards as Trade finance practitioner
- CO-5. Assess the potential in startup ventures for seed and later stage financing

## Course Outcomes (COs)

Course Title & Code: Group Project (BAP601A)

After the successful completion of this course, the student will be able to:

- CO-1. Work in a team and undertake a project in their area of specialization
- CO-2. Apply the management principles for executing the project
- CO-3. Apply appropriate research methodology while formulating a project
- CO-4. Analyse data, report findings and recommend appropriate solutions to resolve the problem
- CO-5. Develop a video which explains the project, exhibit, make a presentation and document the work

## Course Outcomes (COs)

Course Title & Code: Thesis and Publication (BAP602A)

After undergoing this course students will be able to:

- CO-1. Critically review scholarly literature collected from various sources for the project purpose and formulate a research problem
- CO-2. Prepare and present a research proposal
- CO-3. Conduct research to achieve research objectives
- CO-4. Propose new ideas/methodologies or procedures for further improvement of the research undertaken
- CO-5. Create research document and write and submit research papers for publication in reputed journals

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# M.S. Ramaiah University of Applied Sciences

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**RAMAIAH  
UNIVERSITY**  
OF APPLIED SCIENCES

## PO, PSO, PEO & CO

Programme: M.B.A in Pharma Business Management

Programme Code: 101

Programme Outcome (PO)

Programme Specific Outcome (PSO)

Programme Educational Objectives (PEO)

Course Outcomes CO)

  
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Approved in 23<sup>rd</sup> ACM (Resolution 23.05) held on 15<sup>th</sup> July 2021

  
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RUAS- PO, PSO, PEO & CO



# Faculty of Management and Commerce (FMC)

Programme Name: M.B.A in Pharma Business Management

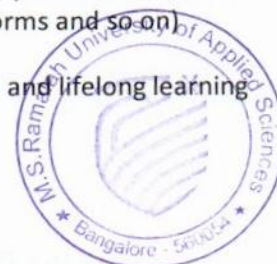
## Programme Outcomes (POs)

M.B.A. postgraduates will be able to:

- PO-1. Knowledge and Understanding:** Gain knowledge of recognising the functions of businesses, identifying potential business opportunities, setting up of business enterprises and exploring the entrepreneurial opportunities within the purview of legal and regulatory frameworks
- PO-2. Environment and Sustainability:** Understand the impact of the management decisions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development
- PO-3. Social Responsibility and Ethics:** Apply ethical principles and adhere to corporate ethics as well as social responsibilities of a business enterprise
- PO-4. Problem Identification and Solution:** Apply functional knowledge to identify and solve business management problems using appropriate qualitative and quantitative tools and techniques
- PO-5. Management Decision Making:** Analyse business opportunities and challenges using appropriate information, relevant data analysis techniques and logical thinking to suggest suitable solutions for business decision making
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- PO-7. Business Research:** Critical review of research literature, identify and articulate the research problem, apply appropriate research methodologies, tools and techniques to solve research problem
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- PO-11. Lifelong Learning:** Analyse the need for ability to engage in independent and lifelong learning in broader business context and adapt according to the changes

*Shanti*

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## Programme Specific Outcomes (PSOs)

At the end of the M.B.A. (Pharma Business Management) program, the graduate will be able to:

- PSO-1. Apply the knowledge and understanding of Principles of Management in general and Pharma Business Management tools and techniques, to develop innovative and safe solutions to problems in pharma and healthcare sector
- PSO-2. Apply Pharma Operations Management to interpret supply chain management and logistic decisions and develop strategies for enhanced operational performance, plan and allocate physical as well as human resources for execution of operations
- PSO-3. Demonstrate leadership qualities and strive for the betterment of organization, environment, and society along with formulating Operation's models for enhanced business efficiency
- PSO-4. Appreciate the importance of life-long learning through professional development, practical training, and specialized certifications

## Program Educational Objectives (PEOs)

The objectives of the M.B.A. (Pharma Business Management) Programme are to:

- PEO-1. Provide students with a strong foundation in Pharma Business Management tools and techniques to enable them to devise and deliver efficient solutions for challenging decision problems in pharmaceutical organisations
- PEO-2. Impart analytic, legal, regulatory and cognitive skills required to develop innovative solutions for pharma and healthcare Research & Development, Industry, and Societal requirements
- PEO-3. Provide theoretical and practical knowledge on principles of Pharma Business Management, Managerial, Entrepreneurial, and Decision-Making skills to enable students to contribute to healthcare, thereby well-being and welfare of the Society
- PEO-4. Inculcate strong human values as well as social, interpersonal and leadership skills required for professional success in evolving global professional environments

## Course Outcomes (COs)

Course Title & Code: Managerial Skills and Business Communication (BAC501A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the evolution, key concepts, principles and functions of management
- CO-2. Discuss the importance and relevance of various managerial skills at different levels of management
- CO-3. Discuss the essentials of business communication
- CO-4. Compose effective internal and external written business communications
- CO-5. Demonstrate important communication skills including the techniques of public speaking, including message development, content, projection, inflection and delivery.



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**Head of the Department**  
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## Course Outcomes (COs)

Course Title & Code: Human Resource Management (BAC502A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the concepts of Human Resource Management in an organisation
- CO-2. Discuss the contribution of Organisation Behaviour in managing human resources of an organisation
- CO-3. Analyse Organisational culture, structure and design
- CO-4. Assess human resource strategies regarding recruitment, training and performance management
- CO-5. Apply the concepts of Industrial Relations and Conflict Management

## Course Outcomes (COs)

Course Title & Code: Managerial Economics (BAC503A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the concepts of micro and macroeconomics
- CO-2. Discuss the concepts of consumer behavior
- CO-3. Apply forecasting techniques to address demand-supply issues
- CO-4. Examine economic logic for managerial decision making
- CO-5. Analyze implications of changes in Government fiscal and monetary policies
- CO-6. Evaluate the evolution of macroeconomic thought

## Course Outcomes (COs)

Course Title & Code: Managerial Accounts (BAC504A)

After the successful completion of this course, the student will be able to:


- CO-1. Discuss the concepts and principles of accounting
- CO-2. Compute depreciation using different methods
- CO-3. Prepare final accounts of the company and generate reports in Tally
- CO-4. Analyse the financial statements of the company for decision making
- CO-5. Analysis of Cash flow and fund flow statements for decision making

## Course Outcomes (COs)

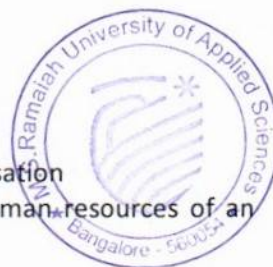
Course Title & Code: Human Resource Management (BAC502A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the concepts of Human Resource Management in an organisation
- CO-2. Discuss the contribution of Organisation Behaviour in managing human resources of an organisation
- CO-3. Analyse Organisational culture, structure and design

  
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- CO-4. Assess human resource strategies regarding recruitment, training and performance management
- CO-5. Apply the concepts of Industrial Relations and Conflict Management

### Course Outcomes (COs)

Course Title & Code: Operations Management (BAC506A)

After the successful completion of this course, the student will be able to:

- CO-1. Explain the evolution of Operations Management and its strategic role
- CO-2. Discuss project management tools and their applications
- CO-3. Apply and examine the concepts of decision making under certainty and uncertainty
- CO-4. Develop capacity planning, facility location and production planning strategies
- CO-5. Apply forecasting models for demand prediction
- CO-6. Design operations plan using spread sheet solver and open source tools

### Course Outcomes (COs)

Course Title & Code: Strategic Management, CSR and Sustainability (BAC507A)

After the successful completion of this course, the student will be able to:

- CO-1. Elucidate the concepts of strategic management
- CO-2. Discuss the role of mission, vision and objective of an organization / business units
- CO-3. Analyze CSR, external and internal factors influencing business environment for sustainability
- CO-4. Formulate strategies and implement strategies using appropriate tools and techniques
- CO-5. Analyse Corporate Social Responsibility and Sustainability

### Course Outcomes (COs)

Course Title & Code: Business Mathematics, Statistics and Analytics (BAC511A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss algebraic equalities and inequalities in business context
- CO-2. Solve problems related to matrices and their operations
- CO-3. Discuss concepts of descriptive statistics
- CO-4. Apply various probability distributions to business problems
- CO-5. Formulate and test hypothesis for effective decision making
- CO-6. Build appropriate analytical models to business problems
- CO-7. Apply statistical software to facilitate managerial decision making



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## Course Outcomes (COs)

Course Title & Code: Management Information Systems (BAC509A)

After the successful completion of this course, the student will be able to:

- CO-1. Explain functions and features of MIS, Database Management and Enterprise Applications
- CO-2. Discuss the benefits of Information Technology and ERP to improve managerial decision-making
- CO-3. Discuss data governance, data privacy and data protection in compliance with corporate policies and regulatory bodies
- CO-4. Analyse and design Information Systems for an organisation using appropriate tools and techniques
- CO-5. Create tables, forms and reports and maintain a database in database application

## Course Outcomes (COs)

Course Title & Code: Business Law and Corporate Governance (22MBA510A)

After the successful completion of this course, the student will be able to:

- CO-1. Explain the legal aspects in business and amendments in justice delivery system for business in the Indian Scenario
- CO-2. Discuss the salient Business Acts
- CO-3. Discuss the incorporation of companies and their functions
- CO-4. Examine the key provisions of Companies act
- CO-5. Analyse existing standards and frameworks for Corporate Governance

## Course Outcomes (COs)

Course Title & Code: Corporate Finance (BAC511A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the essential principles of Financial Management
- CO-2. Discuss cost of capital, capital budget, inventory value and working capital
- CO-3. Analyse problems and provide solutions pertinent to the financial management function
- CO-4. Analyse financial decisions for value maximization
- CO-5. Demonstrate use of financial techniques and tools in financial investment, dividend distribution and asset management
- CO-6. Solve problems related to finding optimum capital structure

## Course Outcomes (COs)

Course Title & Code: Innovation and Entrepreneurship (BAC512A)

After the successful completion of this course, the student will be able to:

- CO-1. Discuss the concepts and process of entrepreneurship
- CO-2. Distinguish laws and regulations pertaining to entrepreneurial venture
- CO-3. Examine innovative ideas for the creation and management of entrepreneurship

  
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- CO-4. Analyze financial ecosystem for the start-ups
- CO-5. Formulate a viable business plan to the investors appraisal

### Course Outcomes (COs)

Course Title & Code: Industry Internship (BAI513A)

After the successful completion of this course, the student will be able to:

- CO-1. Present the organization structure of the industry/business
- CO-2. Apply classroom concepts and principles in an industry work environment.
- CO-3. Establish goals by working with supervision for the internship experience
- CO-4. Develop work competencies for a specific profession or occupation
- CO-5. Identify areas for future knowledge and skill development and build professional network

### Course Outcomes (COs)

Course Title & Code: Pharma Operations Management (BAE561A)

After the successful completion of this course, the student will be able to:

- CO-1. Design pharmaceutical industrial plant layout with utilities, safety and services
- CO-2. Discuss various process of manufacturing pharmaceutical dosage forms
- CO-3. Explain TQM concepts in pharma management systems
- CO-4. Explain various quality control and warehousing concepts for pharma products
- CO-5. Analyze stability testing concepts of pharmaceuticals with packaging and storage conditions

### Course Outcomes (COs)

Course Title & Code: Pharma Operations Management (BAE561A)

After the successful completion of this course, the student will be able to:

- CO-1. Design pharmaceutical industrial plant layout with utilities, safety and services
- CO-2. Discuss various process of manufacturing pharmaceutical dosage forms
- CO-3. Explain TQM concepts in pharma management systems
- CO-4. Explain various quality control and warehousing concepts for pharma products
- CO-5. Analyze stability testing concepts of pharmaceuticals with packaging and storage conditions

### Course Outcomes (COs)

Course Title & Code: Pharma Operations Management (BAE561A)

After the successful completion of this course, the student will be able to:

- CO-1. Design pharmaceutical industrial plant layout with utilities, safety and services
- CO-2. Discuss various process of manufacturing pharmaceutical dosage forms
- CO-3. Explain TQM concepts in pharma management systems
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## Course Outcomes (COs)

Course Title & Code: Pharma Operations Management (BAE561A)

After the successful completion of this course, the student will be able to:

- CO-1. Design pharmaceutical industrial plant layout with utilities, safety and services
- CO-2. Discuss various process of manufacturing pharmaceutical dosage forms
- CO-3. Explain TQM concepts in pharma management systems
- CO-4. Explain various quality control and warehousing concepts for pharma products
- CO-5. Analyze stability testing concepts of pharmaceuticals with packaging and storage conditions

## Course Outcomes (COs)

Course Title & Code: Group Project (BAP601A)

After the successful completion of this course, the student will be able to:

- CO-1. Work in a team and undertake a project in their area of specialization
- CO-2. Apply the management principles for executing the project
- CO-3. Apply appropriate research methodology while formulating a project
- CO-4. Analyse data, report findings and recommend appropriate solutions to resolve the problem
- CO-5. Develop a video which explains the project, exhibit, make a presentation and document the work

## Course Outcomes (COs)

Course Title & Code: Thesis and Publication (BAP602A)

After undergoing this course students will be able to:

- CO-1. Critically review scholarly literature collected from various sources for the project purpose and formulate a research problem
- CO-2. Prepare and present a research proposal
- CO-3. Conduct research to achieve research objectives
- CO-4. Propose new ideas/methodologies or procedures for further improvement of the research undertaken
- CO-5. Create research document and write and submit research papers for publication in reputed journals

  
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