ALRORA'S POST-GRADUATE COLLEGE (MCA)

Accedited with A+ Grade by NAAC

Ramanthapur, Hyderabad - 500 013



PROGRAM OUTCOMES

Program out comes from each course

In seeking to fulfill its comprehensive mission, the institution pursues three principal institutional goals: Effective Teaching, Meaningful Research, and Service to society. The college acknowledges that the preservation and expansion of knowledge through scholarly inquiry are functions that distinguish institutions of higher learning. The program outcomes, program specific outcomes and course outcomes provide direction for fulfilling these goals.

At the beginning of every academic year, the Academic Committee discusses the PO's, PSO's, CO's with the Heads of the Departments. The faculty is made aware of these outcomes in departmental meetings.

The program outcomes of post graduate courses are listed below:

- PO1: Logical thinking and Critical thinking: To provide fundamental and advanced knowledge and expertise in order to produce competent, creative and imaginative professionals.
- **PO2:** Effective interpersonal skills: learn how to improve their communication style and how to build and maintain relationships over time.
- PO3: Management skills: The ability to apply knowledge of management to identify, formulate, and solve operational, technical, and managerial problems in computers applications and management using the techniques, skills, and modern tools, including modeling and simulation.
- PO4: Technological orientation: to have an interest in the latest technological developments in the related areas of disciplines.
- PO5: Ethics and social responsibility: To promote independent and collaborative work, while demonstrating the professional and ethical responsibilities within management positions
- **PO6:** Zeal for lifelong learning: Demonstrate recognition of, the need for, and an ability to engage in, life-long learning and knowledge of contemporary issues.
- PO7: Speaking and writing skills: An ability to communicate effectively, both in writing and orally
- **PO8:** Time Management: An ability to function effectively establishes goals, plan tasks, meet deadlines, manage risk and produce deliverables.
- PO9: Understand the cultural diversity in organizations: Students will be able to articulate ideas and exhibit behaviors that cultivate teamwork, critical thought, and communication skills needed to function in a diverse workforce and global community.
- **PO10:** Career Development: Understand the concept of career development and planning and articulate the students career options and goals.

AURORA'S POST-GRADUATE COLLEGE (MCA) Acordited with A+ Grade by NAAC

Ramanthapur, Hyderabad – 500 013



COURSES OUTCOMES MBA

MBA I YEAR I SEMESTER

| COURSE | COURSE NAME | COURSE OUTCOMES |
|--------|---|--|
| MB 101 | Management & Organizational Behaviour | Analyse organizational behavioural issues in the context of organizational behavior theories, models and concepts Analyze and compare different models used to explain individual behaviour related to motivation and rewards Identify the processes used in communication and resolving conflicts Gain insights on group dynamics and demonstrate skills required for team building Identify the various leadership styles and the role of leaders in a decision making process. Understand the process of organizational development and techniques used for the purpose Research on the emerging developments in the field of organizational behavior |
| MB102 | Accounting for Management | To acquaint the students with the fundamental principles of financial, cost and management accounting Enable the students to prepare, analyze and interpret financial statements To enable the students to act as an information system for providing information needed by management and stakeholders for decision making |
| MB103 | Marketing Management | Learn how segmentation, targeting and positioning strategies are formulated and implemented. Knowledge of product/brand development; pricing mechanisms and various pricing options available for marketers; develop effective communication strategies and identify and evaluate distributing options for the designed customer value proposition. Knowledge of service and global marketing strategies and effective implementation |
| MB104 | Managerial Economics | 1. Students will equip the art of managerial decision making. They will be able to evaluate economic behavior, consumer utility and maximizing the traits in consumers 2 Students will be able to analyze demand and supply conditions and understand how pricing decisions are made. 3. Provides understanding to analyze real world business problems. 4. Understand different market structures and various decision under market structure. 5. Helps to make optimal business decisions by integrating the concepts of economics, finance and statistics. |
| MB105 | IT Applications for Management | Be able to apply knowledge of computing and mathematics appropriate to the discipline Analyze a problem, identify and define the computing requirements appropriate to its solution Be able to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs |

AURORA'S POST-GRADUATE COLLEGE (MCA)

Accredited with A+ Grade by NAAC

Ramanthapur, Hyderabad – 500 013



MBA I YEAR II SEMESTER

| COURSE | COURSE NAME | COURSE OUTCOMES |
|--------|-------------------------------|---|
| MB201 | Human Resources Management | Understand the nature and purpose of human resource in organizations. Gain in-depth knowledge and information about recruitment, selection and training and development of employee. Know importance of career development and employee development, mentoring and coaching in the organizations. Understand the importance of performance of individuals and teams in the organization. HR in the current business & scenario of globalization is given indepth which gives a professional point of view to student. |
| MB202 | Financial Management | Students will be able to analyse the risk-return trade off and difference between market risk and unique risk. Evaluates the concept of opportunity cost of capital. Students gain understanding on weighted average cost of capital (WACC). Identification of capital budgeting cash flows and apply a variety of capital budgeting techniques. Identify need to invest in working capital and also would be able to determine the costs and benefits of different working capital management financing strategies. Able to understand the factors that influence a firm's dividend payout policy. |
| MB203 | Business Research Methods | Apply a range of quantitative and / or qualitative research techniques to business and management problems / issues Understand and apply research approaches, techniques and strategies in the appropriate manner for managerial decision making Demonstrate knowledge and understanding of data analysis and interpretation in relation to the research process Conceptualise the research process Develop necessary critical thinking skills in order to evaluate different research approaches utilized in the service industries. Gain knowledge on various Statistical Tools Of Data Analysis |
| MB204 | International Business | Identify the international factors that affect domestic concerns Understand the regional economic integration and economic and political integration Gain knowledge on main institutions that shape the global marketplace Be informed about how businesses can be expansed into foreign markets Critically analyse the key legal issues related to businesses operating in other countries |
| MB205 | Total Quality Management | Able to understand the fundamental principles of Total Quality Management. Critically appraise management techniques, choose appropriate statistical techniques for improving processes and write reports to management describing processes and recommending ways to improve them. Develop the ability in research that will allow them to keep abreast of changes in |

ACRORA'S POST-GRADUATE COLLEGE (MCA) Acredited with A+ Grade by NAAC

Ramanthapur, Hyderabad - 500 013



| COURSE | COURSE NAME | COURSE OUTCOMES |
|--------|-------------|---|
| | | the field of Total Quality Management. 4. Know prerequisites of evolution of total quality management and significance of quality gurus' works to the management of modern organizations. 5. Know business excellence models and be able assess organization's performance making reference to their criteria |

MBA II YEAR III SEMESTER

| COURSE | COURSE NAME | COURSE OUTCOMES |
|---------------|------------------------------|--|
| M B301 | Operations Management | Apply decision-support tools to business decision making. Application of knowledge of business concepts and functions in an integrated manner. Application of fundamental concepts of operations management 4. Specialized knowledge in Operations Management to solve business processes. Application of approaches to operational performance improvement. |
| MB302 | E-Business | Understanding of the foundations and importance of E-commerce Analyze the impact of E-commerce on business models and strategy Gain insights into Internet trading relationships including Business to Consumer, Business-to-Business, Intra-organizational. Understand electronic payment systems Critically analyse global E-commerce issues Develop analytical thinking, problem-solving, and decision-making skills in evaluating e-commerce technologies |
| MB303 | Operations Research | Identify and develop operational research models from the verbal description of the real system. Understand the mathematical tools that are needed to solve optimization problems. Use mathematical software to solve the proposed models. Develop a report that describes the model and the solving technique, analyses the results and propose recommendations in language understandable to the decision-making processes in Management Engineering |
| MB304 | Financial Risk Management | Analyse the sources of financial risk and the importance of implementing effective financial risk management procedures in business entities. Understanding how financial derivatives such as forwards, futures, options and swaps help in management of risk. Evaluate hedging strategies and their outcomes using derivative instruments, to hedge financial risks in a variety of assets. Apply the understanding of a variety of derivative instruments in hedging and trading strategies and how these instruments are priced. |

ACRORA'S POST-GRADUATE COLLEGE (MCA) Accedited with A+ Grade by NAAC



Ramanthapur, Hyderabad – 500 013



| COURSE | COURSE NAME | COURSE OUTCOMES |
|----------------|---|--|
| № 1В304 | Product & Brand Management | It helps to understand how market/consumer insights techniques enhance decision-making by converting market data into insights for decisions like segmentation, targeting, product positioning, promotion, advertising response, etc. It makes familiar with specific techniques for analyzing market/consumer insights data once they have done a project on product & brand management and helps them to make better management decisions. Assess and develop differing brand and product portfolio management strategies. It helps them to understand the key principles of product and brand management. It also helps to measure of brand equity and brand performance. Students can practically develop a brand including positioning and communication. |
| MB304 | Compensation Management | Understand on basic compensation concepts and the context of compensation practices. Illustrate different ways to strengthen the pay-for-performance link. Gain information on concepts of Payment and employee benefits issues for contingent workers. Understand the implications for strategic compensation and possible employer approaches to managing legally required benefits |
| MB305 | International Finance | The students study the role and practices of foreign exchange markets and their use in financial management by international finance. After the course, students will gain a practical understanding of factors contributing to foreign exchange rate risk, Asian capital markets, global tax management, global investment strategies, the role of multinational companies. Provides an in-depth understanding of the process and techniques used to make international investment decisions. Understand how to hedge international currency risk using foreign currency forward exchange financial instruments. |
| MB305 | Promotion & Distribution Management | Understand the various techniques of promotion. Recognise and demonstrate the significant responsibilities of sales person as a key individual. Formulate strategies to effectively manage company's sales promotion. Evaluate the role of Sales manager and his/ her responsibilities in recruiting, motivating, managing and leading sales team. Illustrate the fundamentals of Distribution channels Logistics and Supply Chain Management. |
| MB305 | Organization Development | Develop knowledge, skills, attitudes, and values necessary for success in management and leadership positions in a variety of business, governmental education, and nonprofit settings. Acquire knowledge through the application of principles of sound research designs to critical evaluation of academic literature related to organizational |

ACRORA'S POST-GRADUATE COLLEGE (MCA) Accredited with A+ Grade by NAAC

Ramanthapur, Hyderabad – 500 013



| COURSE | COURSE NAME | COURSE OUTCOMES |
|--------|--------------------------|--|
| | | development. 3. Apply theories and current research concerning individuals, groups, and organizations to the process of change. 4. Identify organizational situations that would benefit from OD interventions |
| MB306 | Innovation Management | Gain a comprehensive understanding of processes and goals in Innovation Management. Develop creativity to introduce new ideas, processes or products in a company's product development, manufacturing and marketing. Understand the Uutiliziation of innovation management tools like brainstorming, virtual prototyping, product lifecycle management, idea management, TRIZ, Phase—gate model, for the continuous development of a company. |

MBA II YEAR IV SEMESTER

| COURSE | COURSE NAME | COURSE OUTCOMES |
|--------|-------------------------|---|
| MB401 | Strategic Management | .1Understand the practical and integrative model of strategic management process that defines basic activities in strategic management 2.To analyze the competitive situation and strategic dilemma in dealing with dynamic global business environment in terms of rapidly changing market trends and technological advancement 3. Develops appropriate strategic thinking frameworks to analyze information and make decisions that will maximize organizational performance. 4. Analyse challenges faced by managers in implementing and evaluating strategies based on the nature of business, industry, and cultural differences 5.Gain insights into formulation of the strategy and its implementation by integrating the efforts of governance and power. |
| MB402 | Busines Intelligence | Identify the major frameworks of computerized decision support: decision support systems (DSS), data analytics and business intelligence (BI). Demonstrate the impact of business reporting, information visualization, and dashboards. Understand the operation procedures of BI projects in an organization; Select appropriate DM tools and methods to manipulate and achieve data; Appraise and apply evidence practice (EBP) to formulate effective solutions to deal with contemporary performance problems and issues associated with the delivery of business information systems Evaluate the importance and implementation of learning theory to construct and apply practices that facilitate aspects of personal and institutional change. |
| MB403 | Supply Chain | 1. Understand effective internal and external relationships using influencing, |

AURORA'S POST-GRADUATE COLLEGE (MCA) Accedited with A+ Grade by NAAC



Ramanthapur, Hyderabad – 500 013



| COURSE | COURSE NAME | COURSE OUTCOMES |
|--------|---------------------------|--|
| | Management | communication and consultative skills. 2 Evaluate of dynamic global business environment from a competitive and economic perspective. 3 Knowledge on self-leadership strategies which enhances personal and professional effectiveness. 4 Assessment of business processes relative to organizational goals. 5 Correlation of key responsibilities and interrelationships of all stakeholders in an organization's supply chain. 6 Configuration of supply chain for an organization from a global perspective that accounts for commercial, social and legal implications. 7 Know the methods of Optimization of the value to customers, markets, and other stakeholders through the application of standard frameworks and models, which encompass supply chain process analysis and innovation. |
| MB404 | Investment Management | Learn about financial markets and instruments, investment strategies. Understand the importance of establishing investor preferences Gain Knowledge on the basic principles of portfolio construction Understand the interaction between institutional investors and brokers/investment banks Apply standard models of financial economics to problems of portfolio optimization, diversification, immunization, and risk management |
| MB404 | Consumer Behaviour | 1. The objective is to highlight the importance of Consumer Behavior and impact of consumer thought processes in purchasing decision. 2. The importance of involvement is highlighted. They are involved in learning either with high or low involvement. The process of communication that ensures retention and retrieval of capacity of consumers are targeted 3. The important to understand what kind of influences can the reference group; most importantly members of consumer's family impose on purchase. 4. To understand the consumer decision process to know the conditions how he reacts and how he takes a purchase decision. Several models also offer insight into how this decision can be studied 5. To give Global point of view |
| MB404 | Performance Management | It helps the students to understand the employees towards achievement of superior standards of work performance. It gives knowledge to the students about the employees in identifying knowledge and skills required for performing the job efficiently as this would drive their focus towards performing the right task in the right way. It help students to understand how the performance of the employees increases by encouraging employee empowerment, motivation and implementation of an effective reward mechanism. To help the students to identify the barriers to effective performance and resolving those barriers through constant monitoring, coaching and development interventions. |
| MB 405 | Banking & | 1. Understand the Principles and Practices of Banking and Insurance. |

At RORA'S POST-GRADUATE COLLEGE (MCA) Ac cledited with A+ Grade by NAAC Ramanthapur, Hyderabad – 500 013





| COURSE | COURSE NAME | COURSE OUTCOMES |
|---------------|-------------------------------|--|
| | Insurance | Analyze different aspects of Banking and Insurance and other Financial Services. Understand the relationship between Banking and Insurance. Know about the laws governing Banking and Insurance. |
| M B405 | Service & Global Marketing | Develop familiarity with the concepts of Services Marketing and to show that the characteristics of services affect a real-life customer experience. Enhance their abilities to apply target marketing strategies in various and specific marketing situations. Develop an awareness and appreciation of research applicable to Services Marketing. Assess current and future issues in global marketing. Analyze global strategic partnerships and global value chains. |
| MB405 | Talent & Knowledge Mgt | Develop the process of linking talent management to organizational strategy and other HR practices. Analyse the process for identifying high potential talent and developing a pipeline of talent to serve organizational present and future needs. Understand the ways to enhance the processes for talent development and succession planning. Assess the unique challenges and opportunities of TM resulting from globalization. Examine the role of leadership related to TM (both HR leadership and org. leadership). |
| MB407 | Comprehensive Viva - Voce | Confirms that project work is own work or not. confirm that student understands what he/she has written. Investigate awareness of where the students original work sits in relation to the wider research field. Provides a developmental opportunity for considering future publication and research options. |

ACRORA'S POST-GRADUATE COLLEGE (MCA) Accredited with A+ Grade by NAAC

Ramanthapur, Hyderabad - 500 013



MCA I YEAR - I SEMESTER

| COURSE CODE | COURSE NAME | COURSE OUTCOMES |
|-------------------|---|---|
| P € 101 IT | Discrete Mathematics | This course introduces the applications of discrete mathematics in the field of computer science. It covers sets, logic, proving techniques, combinatorics, functions, relations, graph theory and algebraic structures. These basic concepts of sets, logic functions and graph theory are applied to Boolean Algebra and logic networks, while the advanced concepts of functions and algebraic structures are applied to finite state machines and coding theory. |
| BS 101 MT | Probability and Statistics | Probability theory is the branch of mathematics that deals with modelling uncertainty. It is important because of its direct application in areas such as genetics, finance and telecommunications. It also forms the fundamental basis for many other areas in the mathematical sciences including statistics, modern optimisation methods and risk modelling. This course provides an introduction to probability theory, random variables and Markov processes. Topics covered are: probability axioms, conditional probability; Bayes' theorem; discrete random variables, moments, bounding probabilities, probability generating functions, standard discrete distributions; continuous random variables, uniform, normal, Cauchy, exponential, gamma and chisquare distributions, transformations, the Poisson process; bivariate distributions, marginal and conditional distributions, independence, covariance and correlation, linear combinations of two random variables, bivariate normal distribution; sequences of independent random variables, the weak law of large numbers, the central limit theorem; definition and properties of a Markov chain and probability transition matrices; methods for solving equilibrium equations, absorbing Markov chains. |
| PC 102 IT | Computer Programming and Problem Solving | This course introduces the basec Computer Programming concepts. Ability to design algorithmic solution to problems Ability to design programs with Interactive Input and Output Ability to design modular Python programs using functions Ability to design programs utilizing arithmetic expressions Ability to design programs utilizing repetition Ability to design programs utilizing decision making |
| PC 103 IT | Elements of Information Technology | To understand the basics of computer system, its architecture, database and Networks. To understand the basic concepts, terminology of IT and familiar with the use of IT tools. To Learn and explore new IT techniques in various |
| HS 101 CM | Economic Analysis | Modern Economic Analysis is both a challenging and a rewarding subject. A mastery over it bestows a powerful tool for understanding and thinking over a remarkable range of business issues and phenomena of decision- making. It seeks to provide analytical framework and understanding of economic behaviour, with a sharp and |

AC Redited with A+ Grade by NAAC Ramanthapur, Hyderabad – 500 013



| COURSE | COURSE NAME | COURSE OUTCOMES |
|-----------|----------------|--|
| | | logical thinking in the decision process. Here the student will learn the frame work within which we are going to study Managerial Economics. Interrelation of Managerial Economics with other disciplines. |
| MC 106 EG | English | Communicate clearly, accurately and appropriately Know and use verbal and non-verbal communication appropriately Infer information from texts Learn basic grammar of the English language Use appropriate idiomatic expressions, one word substitutes etc. |

I YEAR – II SEMESTER

| COURSE | COURSE | COLINGE OVERCOMES |
|-----------|---|--|
| CODE | NAME | COURSE OUTCOMES |
| HS 201 CM | Accounting & Financial Management | In the competitive world the employers are looking out for versatility in various fields like Accounting, and Management, to improve efficiency and effectiveness of employee. That is the reason this subject is a part of curriculum. The basic concepts and conventions of accountancy. The chapter throws light on books of original entry and the terminal statement of accounts, and balance sheet. |
| PC 201 IT | Principles of Object Oriented Programming using Java | The main objective of this subject is to teach students the fundamentals concepts of object oriented programming language using Java. It forms a clear way for programming, problem solving and to understand the programming concepts and designing programs by using Java. |
| PC 202 IT | Management Information Systems | Keeping in view of how managers should be involved with system planning, development and implementation, the syllabus has been so designed Students begins to see the relevance of abstract ideas and are therefore better motivated Introduces the concepts of systems, their characteristics, inter-action with the environment and the system approach to problem solving. Managers will be in a position to assess how IT can be used to support business activities and the impacts of IT. |
| PC 203 IT | C++ and Data Structures | To sharpen programming skills in a problem solving environment. To Understand the meaning of stacks, queues, heaps, lists, trees, hash tables and graphs. To understand how various data structures are allocated and used in memory. To understand the major applications of various data structures. To know how to implement various data structures in higher level languages. To understand the costs and benefits of particular choices of data structures and choices between static and dynamic allocation of data structures. |
| PC 204 IT | Computer Organization | The Basic Architecture of computers provide the relevant knowledge of the representation of data, the execution of Instructions, the storage technique and more. It enables the students to have all necessary knowledge about organization of computer. To know the logical circuits of computers, basic components of computers. |

ACRORA'S POST-GRADUATE COLLEGE (MCA) Accedited with A+ Grade by NAAC

Ramanthapur, Hyderabad - 500 013



| COURSE CODE | COURSE NAME | COURSE OUTCOMES |
|----------------|-------------------------|--|
| | | Data Representation such as Binary codes |
| HS 202 EG | Communication Skills | Communicate clearly, accurately and appropriately. Learn different models of interpersonal communication Work in teams effectively and learn how to be effective in using time. Comprehend the difference between technical and general writing. Write reports, scientific papers, letters, Statement of Purpose, Resume Learn how to plan and prepare to face interviews effectively. |

II YEAR – I SEMESTER

| COURSE CODE | COURSE NAME | COURSE OUTCOMES |
|----------------|---|---|
| PC 301 IT | Software Engineering | It covers various models of software development. It deals with software requirement analysis, function oriented designing, various testing strategies and also software maintenance along with efforts and schedule estimation of software. |
| PC 302 IT | Database Management Systems | DBMS are indispensable tool for managing information, and a course on the principles and practice of database systems is an integral part of computer science circulum. A diagrammatic understanding of data repository with fundamental understanding of an application to manage the database is essential. An understanding of relational algebra and calculus is also given for effective usage of a DBMS. |
| PC 303 IT | Design and Analysis of Algorithms | A computer can compute with basic mathematical operations. Different algorithms and Design methods have been devised, since our study is to learn, devise and analyze algorithms. The emphasis on design techniques is to create good algorithms and tools for analysis for quality of the result which is significant. A student is expected to know major fundamental strategies of algorithm design through this course. |
| PC 304 IT | Operating Systems | Operating system is an essential part of a computer system. The field of study changes at a rapid rate the fundamental concepts are presented here to understand the change in principle concepts and design prevalent in virtually every application. The course provides a clear description of the concepts that underlines the operating systems. |
| PC 305 CM | Operational Research | Use the knowledge of operations research to solve problems like linear programming problem (LPP), transportation problem and assignment problem. Understand different application areas of operations research like maximum flow problem, shortest path problem, game theory and queuing theory. |
| OE 301 BM | Organizational Behavior | Students pursue management education to become managers one day. Hence they have to be educated and trained to face the ever changing environment to bring about changes that are necessary for the survival of the organization they are going to enter; to take responsible decisions, in society and over and above all to operate efficiently and |

AURORA'S POST-GRADUATE COLLEGE (MCA) Acordited with A+ Grade by NAAC

Ra Manthapur, Hyderabad - 500 013



| COURSE | COURSE NAME | COURSE OUTCOMES |
|--------|----------------|---|
| | | effectively. Management and Organizational Behavior teaches a student to understand the behavior of people at work and to use the knowledge while managing them for the achievement of individual, organizational and societal objectives. |

II YEAR – II SEMESTER

| COURSE CODE | COURSE NAME | COURSE OUTCOMES |
|----------------|------------------------|---|
| PC 401 IT | Data Mining | To understand the basic principles, concepts and applications of data warehousing and data mining, Ability to do Conceptual, Logical, and Physical design of Data Warehouses OLAP applications and OLAP deployment Have a good knowledge of the fundamental concepts that provide the foundation of data mining |
| PC 402 IT | Computer Networks | To explain how communication works in computer networks and to understand the basic terminology of computer networks To explain the role of protocols in networking and to analyze the services and features of the various layers in the protocol stack. To understand design issues in Network Security and to understand security threats, security services and mechanisms to counter them. |
| PC 403 IT | Unix Programming | UNIX Operating System, from the beginning was one of the powerful Operating System that could be ported to a variety of hardware environments. UNIX was designed as an operating system for programers and scientist who work closely with the hardware The course provides a clear description of the concepts that underline one of the popular operating system. |
| PC 404 IT | Web Programming | To understand, analyze and apply the role languages like HTML, CSS, XML, JavaScript and protocols in the workings of web and web applications. To understand about network and security programming using Java and know about the application of dynamic page functionality in web pages using CGI, Servlets, JSP, ASP. create and communicate between client and server using Java and create a good, effective and dynamic website. |
| PC 405 IT | Distributed Systems | Study software components of distributed computing systems. Know about the communication and interconnection architecture of multiple computer systems. Recognize the inherent difficulties that arise due to distributed-ness of computing esources. Understanding of networks & protocols, mobile & wireless computing and their applications to real world problems. |

At RORA'S POST-GRADUATE COLLEGE (MCA) Ac credited with A+ Grade by NAAC

Ra manthapur, Hyderabad - 500 013



| COURSE CODE | COURSE NAME | COURSE OUTCOMES |
|-------------------|----------------------------|--|
| | | Distributed systems are usually organized around some paradigms, such as object-based systems, distributed file systems, document-based systems and coordination based systems. |
| P E 406 CS | Artificial Intelligence | To understand what is an Artificial Intelligence and to provide and introduction to the basic principles and applications of Artificial Intelligence. To understand the production systems and the characteristics of problem. To understand the basic elements of AI such as game playing, planning techniques and reactive systems. |

III YEAR – I SEMESTER

| COURSE CODE | COURSE NAME | COURSE OUTCOMES |
|----------------|---|---|
| CS 801 | Information Security | The main objectives of Software Reuse Techniques are as follows: To explain the benefits of software reuse and some reuse problems To discuss different ways of implementing software reuse To explain how reusable concepts can be represented as patterns embedded in program generators To discuss the development of software product lines |
| CS 802 | Middleware Technologies | The objective is to make students to learn about Client Server communication using middleware technologies like Remote Method Invocation (RMI), Common Object Request Broker Architecture(CORBA), Enterprise java beans(EJB) and .NET |
| CS 803 | Object Oriented System Development | It introduces modeling concept that is central part of all activities that lead to a good software. Basic building blocks of UML are examined. Focus is on structural modeling that includes class diagram and their relationships. |
| CS 805 | E-Commerce | Business E-Commerce Program is offered to focus on the deployment of Internet Technology to enhance the business capabilities of the organizations. It will educate with (a) A broad understanding of business and (b) A thorough understanding of the deployment of IT to create business opportunities. |
| CS 811 | Software Testing | The main objectives of Software Testing are as follows: To explain the benefits of software Testing To discuss different types of software testing To discuss various object oriented testing methods. |



