DR.MGR - JANAKI COLLEGE
OF ARTS & SCIENCE FOR WOMEN

11 & 13, DURGABAI DESHMUKH ROAD, R.A PURAM, CHENNAI - 600 028.

CERTIFICATE COURSES OFFERED

2021 - 2022

Dr. MGR-Janaki College was the result of the visionary zeal of Smt. Janaki Ramachandran who believed that we should create an atmosphere where excellence is the result of diligence on the part of the students. Our college motto is "Excellence through Diligence". Dr. MGR- Janaki College offers various certificate courses for the Undergraduate students. The courses are designed to help our students to sharpen their abilities and to establish their professional credibility. These Certificate Courses can strengthen the students profile by adding a certificate.

List Of Courses Offered

B.A English	Report Writing MJC/BENG1/CC/2021-2022
B.A. Natya	Yoga and its Benefits for Dancers MJC/NAT1/CC/2021-2022
B.A. Tamil	Potti Thervukana Podhu Tamil MJC/TAM2/CC/2021-2022
BBA - Shift I	Future Business Trends MJC/BBA1/CC/2021-2022
BBA - Shift II	Future of Business MJC/BBA2/CC/2021-2022
BCA - ShiftI	Advancement from Assembly Language to Artificial Intelligence MJC/BCA1/CC/2021-2022
BCA - Shift II	Data Analytics and Career Development MJC/BCA2/CC/2021-2022

List Of Courses Offered

B.Com. General - Shift I	Introduction To E-Business & Stock Market MJC/BCG1/CC/2021-2022
B.Com. General - Shift II	E-Commerce MJC/BCG2/CC/2021-2022
B.Com. Accounting and Finance - Shift I	Capital Markets & Online Trading MJC/BAF1/CC/2021-2022
B.Com. Accounting and Finance – Shift II	Design Thinking MJC/BAF2/CC/2021-2022
B.Com. Corporate Secretaryship - Shift I	Secretarial Practice MJC/BCS1/CC/2021-2022
B.Com. Corporate Secretaryship - Shift II	Basics of Capital Market MJC/BCS2/CC/2021-2022
B.Com. Bank Management – Shift II	Innovation Management MJC/BBM2/CC/2021-2022

List Of Courses Offered

B.Sc. Biochemistry	Computational Biology MJC/BBIO1/CC/2021-2022
B.Sc. Microbiology	Social and Preventive Medicine MJC/BMIC1/CC/2021-2022
B.Sc. Computer Science - Shift I	Mobile App Development Using Android MJC/BCSC1/CC/2021-2022
B.Sc. Computer Science -Shift II	Data Analytics and Career Development MJC/BCSC2/CC/2021-2022
B.Sc. Psychology	Childhood Psychological Disorders MJC/BPSY1/CC/2021-2022
B.Sc. Mathematics	Math Tricks for Aptitude MJC/MAT1/CC/2021-2022
B.Sc. Visual Communication	Film Appreciation MJC/VIS1/CC/2021-2022

CERTIFICATE COURSE OBJECTIVES

REPORT WRITNG - MJC/BENG1/CC/2021-2022
- This course provides student report writers the necessary writing skills to prepare, complete and present a report professionally
- This course provides guidelines to students to create a basic outline for a report
- Organise the key points and support them with relevant facts to prepare an overall structure of a report
- Choose appropriate visuals such as charts, graphs, and tables to present figures for report construction
- It also provides them with the critical skills to evaluate their subject and write an effective conclusion

YOGA AND ITS BENEFITS FOR DANCERS - MJC/NAT1/CC/2021-2022
- After successful completion of this course, students will have the knowledge and skills to train up coming generations in yoga and fitness
- Develops flexibility and deepens yoga knowledge
- Solves the problems of injuries easily by utilizing Yoga in a therapeutic aspect
- Analyse any physical ailment and bring the fruitful result through the practice of yoga

POTTI THERVUKKANA PODHU TAMIL- MJC/TAM2/CC/2021-2022
- The course aims at creating an awareness of varieties in linguistic usage and their successful application in Tamil literature
- The course provides a sound understanding of Tamil culture through Tamil literature
- It helps students to analyse various aspects of high literary language and rules of grammar in Tamil
- To enhance the ability to understand, interpret and evaluate a literary piece

FUTURE BUSINESS TRENDS - MJC/BBA1/CC/2021-2022
- To create a content and develop an understanding of business trends
- To build an insight on Intellectual Property Rights
- To provide knowledge on Digital Marketing and ATMA NIRBHAR BHARAT ABHIYAN

FUTURE OF BUSINESS - MJC/BBA2/CC/2021-2022
- To know about the intellectual property rights
- To know the Present and future of Digital Marketing
- To know about ATMA NIRBHAR BHARAT ABIYAN

CERTIFICATE COURSE OBJECTIVES

ADVANCEMENT FROM ASSEMBLY LANGUAGE TO ARTIFICIAL INTELLIGENCE - MJC/BCA1/CC/2021-2022

- Exposure to technical skills for IT industry and recruitment process
- Fundamental concepts and skills to confidently navigate various aspects of IT and the digital world
- Knowledge on Hardware, operating systems technology, software, programming, databases, networking, storage, cybersecurity, cloud computing, and support and operations
- Reasoning, algorithms building and trouble shooting skills

DATA ANALYTICS AND CAREER DEVELOPMENT - MJC/BCA2/CC/2021-2022

- The main objective is to provide a better understanding of the career exploration process and how their own skills and interests match up to a chosen major/career path
- Students will learn how to write professional documents (resume, cover letter, thank you letter) to use for jobs, internships and post graduate program applications
- Students participating in the Mentoring Network will be able to describe/reflect on how interactions with their Mentor have influenced their perspectives on the possibilities open to them after graduation
- Guides with Job Search Tools, Assessment and Learning Outcomes

INTRODUCTION TO E-BUSINESS & STOCK MARKET-MJC/BCG1/CC/2021-2022

- The objective of e-business and stock market course is to equip the students with in-depth technical knowledge of Trends & Patterns to identify stock price movements
- To study the concepts of E-Commerce and its Social impact in India
- To study Internet banking and various types of Online funds transfer
- To learn about Online Share Trading Stock market
- To study the procedures for E-filling under Income Tax Act

E-COMMERCE-MJC/BCG2/CC/2021-2022

- Understand the basic concepts and technologies used in the field of E- Commerce management information systems
- Acquire knowledge on the different types of management information systems
- Understand the process of developing and implementation of information systems
- To be aware of the ethical, social and security issues of information systems

CAPITAL MARKETS AND ONLINE TRADING-MJC/BAF1/CC/2021-2022

- The objective of capital market course is to equip the students with necessary stock market theoretical and practical knowledge
- Equip students with technical skills to apply in equity markets research for wealth creation
- Introduces the process of how to find and analyse stocks, proper entry and exit time of the stock and to determine the risk of a stock investment or trade
- A brief knowledge on online trading operation

CERTIFICATE COURSE OBJECTIVES

DESIGN THINKING - MJC/BAF2/CC/2021-2022
- The course highlights on the skills required to apply, relate creative thinking with design thinking in every stage of problem solving
- Application of design thinking to troubleshoot real–life problems through innovative and workable solutions

SECRETARIAL PRACTICE - MJC/BCS1/CC/2021-2022
- The Course highlights on the types and development of secretarial practice oriented skills
- Emphasizes on technical, self-management skills and organisational behaviour
- Deliberates on planning, ethical decision making and tax administration
- Knowledge on the role of leadership, team building,communication and conflict management skills

BASICS OF CAPITAL MARKET - MJC/BCS2/CC/2021-2022
- To obtain an overview of the working of capital markets
- To understand the working and role of various participants
- To know the various financial instruments and their efficacy in raising funds
- To acquire knowledge on the working of stock exchange and the role of SEBI in regulating the capital markets

INNOVATION MANAGEMENT - MJC/BBM2/CC/2021-2022
- This course introduces innovation management concept to investigate the meaning and usefulness of innovation to address organisational challenges
- Management of product innovation, product development and build competitiveness through innovation
- Skills to build an organisation's ability to innovate, considering capacity and capability and to assemble innovation strategies to create organisational value in the current competitive environment
- To build a climate and culture of innovation as per the organization's innovation mission and to become a leading innovation brand for products and services in the markets served and new markets to be served

COMPUTATIONAL BIOLOGY - MJC/BBIO1/CC/2021-2022
- To learn about biological databases
- To learn different methods to analyse sequences
- To explore the phases of clinical trials
- To learn about management of clinical data

CERTIFICATE COURSE OBJECTIVES

SOCIAL AND PREVENTIVE MEDICINE - MJC/BMIC1/CC/2021-2022
- The course highlights on the concepts of health and disease and their social determinants
- Helps to prevent disease through protection and maintenance of health
- To assist in preventing disability and premature death
- Summarize healthcare management systems and know about various health care service providers
- To have skills to implement meaningful behavioural changes in both individuals and in groups

MOBILE APP DEVELOPMENT USING ANDROID - MJC/BCSC1/CC/2021-2022
- Define the Fundamental concepts of Android app development
- To find themselves at a moderate level of expertise in Android Programming
- To utilize human resources optimally and create a simple Android app

DATA ANALYTICS AND CAREER DEVELOPMENT - MJC/BCSC2/CC/2021-2022
- The objective of this course is to provide knowledge on the use of machine learning, analytical and logical reasoning to gain information from the data
- Helps students to learn the basics of data analytics tools and techniques required to work with SQL databases, R and Python, to create data visualizations, and apply statistics and predictive analytics in a business environment
- Learn how to visualize and present data findings in dashboards, presentations and commonly used visualization platforms
- An understanding of the practices and processes required for a Data Analyst Position in their day-to-day job

CHILDHOOD PSYCHOLOGICAL DISORDERS - MJC/BPSY1/CC/2021-2022
- Understand and explain the milestones of childhood development and effectively monitor the rate of the development of a child through the administration of a milestone chart
- Outline the various childhood and developmental disorders that affect children, their causes and symptoms
- Define ways to diagnose and treat various childhood disorders such as autism, ADHD, conduct disorders, learning disabilities and intellectual disabilities
- Describe in detail and explain the procedure of administration for various psychological assessments available for the diagnosis of disorders
- Effectively use the various psychological assessments to determine the intensity and duration of developmental disorders
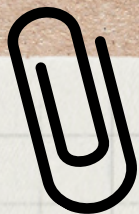
CERTIFICATE COURSE OBJECTIVES

MATH TRICKS FOR APTITUDE - MJC/MAT1/CC/2021-2022
- To enhance the problem solving skills, to improve the basic mathematical skills and to help students who are preparing for any type of competitive examinations
- The course enriches the knowledge of students, develops their logical thinking ability and instills confidence among students
- Helps students to solve the problems easily by using Short-cut method with time management
- Analyse the Problems logically and approach the problems in a different manner
- To clear the competitive exams for better job opportunity

SCRIPT WRITING - MJC/VIS1/CC/2021-2022
- The aim of this course is to emphasize the importance of a good screenplay and how it impacts the overall quality of a film
- The course will enhance student's understanding of the integral elements of Story and Screenplay creation
- It aims to teach the students how to develop a story and write a screenplay
- To identify genres and their structure
- To provide a general introduction to the concept of film as art and the role of the auteur
- To understand new methods of identifying film ideology through spectatorship theory

NOTES FOR STUDENTS:

- Certificate courses offered by each department is for a duration of 30 hours.
- II UG Students must register for the certificate courses offered by the departments.
- For registration process, students can contact the Certificate Course Incharges of the departments.
- Certificates will be issued on successful completion of courses and evaluation.

Principal
25.06.2021

Certificate Course

PERSONALITY DEVELOPMENT AND SOCIAL ETHICS

Course Code : MJC/PDSE/CC/2021 - 2022

This certificate course aims to provide students with a comprehensive understanding of personality development within the cultural and ethical context of India, fostering not only personal growth but also a sense of social responsibility aligned with ethical principles.

Course Objectives:

1. To understand the theories and concepts related to personality development.
2. To analyze the influence of cultural and societal factors on personality in an Indian context.
3. To explore the ethical principles and values embedded in Indian society.
4. To develop critical thinking skills in evaluating ethical dilemmas within various societal contexts.
5. To foster the application of ethical principles in personal and professional life.

Note :

This Certificate course offered to all I year Under Graduate students is for a duration of 30 hours. For registration, students can contact the Course Coordinators of the Department of Psychology. Certificates will be issued on successful completion of the course and evaluation.

PRINCIPAL

25.06.2021