



M. E. S. KALLADI COLLEGE

MANNARKKAD COLLEGE P.O., PALAKKAD DT., KERALA-678 583

Govt. Aided college affiliated to University of Calicut

Re-Accredited by NAAC with 'A' Grade

web: www.meskalladicollege.org

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Ref: MESKC/CCS/18/2015-16

Date

CERTIFICATION COURSE

Adv. Java

Coordinator: Ummu Habeeba

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1: GENERIC PROGRAMMING:-

Generics in Java, Generic Functions, Advantages of Generics, Classic data_structures: Stack, Queue, Linkedlist

Module 2: PROGRAMMING WITH JAVA :-

Object oriented programming, Inheritance, Exception handling, working with classes

Module 3: JDBC:-

Application Programming Interface (API), programming language Java, how a client may access a database.




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Ref: MESKC/CCS/02/2015-16

Date

CERTIFICATION COURSE

Animation

Coordinator: Ummu Habeeba

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1: UNDERSTANDING ANIMATION REQUIREMENTS:

Technical details like aspect ratio, output format, list of deliverables and their respective output format quality standards to be maintained,

Module 2: CREATIVE IDEAS FOR PRODUCTION THEORY:

Generate creative concepts and ideas for production using visualization and using references from the concept artwork prepared by the designers, drawing from imagination, acting and performing

Module 3: PLAN TOOLS AND WORKFLOW THEORY:-

Evaluate timelines for production in accordance to the production schedule (supervisor), Read, follow and update the production workflow/schedule, deliverables and timelines with the Director, Art Director and Supervisors




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Ref: MESKC/CCS/15/2015-16

Date

CERTIFICATION COURSE

Arabic Translation

Coordinator: Ummu Habeeba

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1: ARABIC TO ENGLISH TRANSLATION:-

Basics of arabic language, basics of arabic to english translation.

Module 2: TRANSLATION PRACTICE:-

Understanding the changes of translation methods, simplifying the translation.

Module 3: INTRODUCTION TO ARABIC GRAMMER:-

Theoretical Model For Islamic Translation, Basics of Arabic grammar, Tense forms in arabic




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MES Since 1964

Ref: MESKC/CCS/12/2015-16

Date

CERTIFICATION COURSE

C Programming

Coordinator: Dr. Sanjeev Kumar

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1: INTRODUCTION TO C PROGRAMMING:-

Datatypes, Constraints, Keywords, Program structure,


Module 2: C OPERATORS:-

Arithmetic operators, Increment and decrement operators, Relational operators, Logical operators, The bitwise operators, User defined and Predefined function, Modules

Module 3: DATA STRUCTURES IN C:-

Array: one dimensional, two dimensional, multi dimensional, Stack, Queue, Tree, Graph, Linkedlist




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Ref: MESKC/CCS/19/2015-16

Date

CERTIFICATION COURSE

C++

Coordinator: Ummu Habeeba

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1: INTRODUCTION TO C++ PROGRAMMING:-

Datatypes, Constraints, Keywords, Program structure,

Module 2: OPERATORS IN C++-

Arithmetic operators, Increment and decrement operators, Relational operators, Logical operators, The bitwise operators, User defined and Predefined function, Modules

Module 3: DATA STRUCTURES IN C++:-

Array: one dimensional, two dimensional, multi dimensional, Stack, Queue, Tree, Graph, Linkedlist



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Ref: MESKC/CCS/03/2015-16

Date

CERTIFICATION COURSE

Computer Application

Coordinator: Ummu Habeeba

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1:INTRODUCTION:

Hardware,Computerhardware,Motherboard,TheCentralProcessingUnit,Chipset,Ran-dom Access Memory,Read-Only Memory,Bus


Module 2:SYSTEM SOFTWARE:

OperatingSystems,SystemSoftware,Bootting,OperatingSystemUtilitySoftware,Devi-ceDriverFirmware,SystemsSoftwareDiagram,Video:UtilitySoftware

Module 3:NETWORK AND SECURITY:-

Networks & Telecommunications, Security and Social Issues, Telecommunications Network, Computer Network, Internet Security, How Computer Networks Connect, Computer Network Types, Networks,Computer Security




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Ref: MESKC/CCS/10/2015-16

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CERTIFICATION COURSE

Coral Draw

Coordinator: Dr. Sanjeev Kumar

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1: LEARN CORAL DRAW:-

Introduction to coral draw, CDR file format, Use of CDR files

Module 2: CORAL DRAW TRAINING:-

Structure of CDR file, Application supporting CDR file

Module 3 :DIVINE PROPORTION:-

Drawing the parts of the geometric mannequin, Reducing the number of objects by welding them, Trimming shapes to obtain movement in the joints, Changing the mannequin's poses, Designing your own fashion with basic shapes




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Ref: MESKC/CCS/13/2015-16

Date

CERTIFICATION COURSE

Fashion Designing

Coordinator: Ummu Habeeba

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1: FASHION DESIGN:-

Introduction to fashion design, Designing concept, Fashion terminology,

Fashion communication: Fashion communication in NIFT, fashion communication and promotion, NID and NIFT


Module 2: FASHION MAKING AND GARMENT CONSTRUCTION:-

Fashion merchandising and management, Fashion illustration, Fashion ornamentation

Module 3: COMPUTER AIDED-DESIGN:-

CAD Fashion Design




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Ref: MESKC/CCS/04/2015-16

Date

CERTIFICATION COURSE

Garden Management

Coordinator: Ummu Habeeba

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1: PLANT SELECTION AND CARE:

Advantages of planting native species to enhance your garden and surrounding wildlife species. Use space constraints and other factors to adhere to when planning the spatial aspects of plant life. Learn about the effect of sunlight and climate features in relation to plant selection.


Module 2: GARDEN MAINTENANCE:

Reduce maintenance if it is getting out of control. Skills in management accounting, statistical analysis, written communication and variance analysis

Module 3: SOLUTION TO DIFFICULT GARDENS:-

Adding container plants to keep the plants owners love without possible difficulties. How changing irrigation and watering systems can make a difficult garden easier to manage adding new plants with an eye towards low maintenance or new landscaping for easier gardens




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Ref: MESKC/CCS/05/2015-16

Date

CERTIFICATION COURSE

Graphic Designing

Coordinator: Ummu Habeeba

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1:INTRODUCTION TO GRAPHIC DESIGN:

A definition of graphic design and its specialized industries. Explanation of the various specialties within the industry of graphic design. An understanding of graphic design's role in future industries.

Module 2: PHOTOGRAPHY:-

Students will display a working knowledge of the concepts in this Module by completing a studio style photo shoot. They will also create their first advert design

Module 3: DESIGN SYSTEMS:-

Students will identify which programs are right for each design task by using Photoshop™, In Design™ and/or for their projects.




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Date

CERTIFICATION COURSE

Human Rights

Coordinator: Ummu Habeeba

Year: 2015-16

Duration: 3 Months

Eligibility: +2

Syllabus

Module 1: HUMAN RIGHTS AND DUTIES:-

Definition of Human Rights- Nature, Content, Legitimacy and Priority – Theories on Human Rights – Historical Development of Human Rights

Module 2: SOCIETY AND HUMAN RIGHTS:-

Human Rights Treaties, Human Rights Council, UN treaty bodies

Module 3: HUMAN RIGHTS MOVEMENTS IN INDIA:-

National freedom movement, Dalit movement, Women's movement, Social and political problems of human rights in India




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CERTIFICATION COURSE

Jewellery Designing

Coordinator: Ummu Habeeba

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1: INTRODUCTION TO JEWELLARY DESIGNING:-

The Procedure of Engraving, Tools used for Engraving, Types of Gravers

Module 2: ELECTROPLATING:-

Electroplating process, Electrochemical deposition, Brush electroplating, Pulse electroplating or pulse electro deposition (PED), Electro less deposition.

Module 3: TYPES OF DESIGNING:-

Theme based designing, Cost based designing, Historical designing, Market oriented designing, computer aided designing, Accessory design




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Ref: MESKC/CCS/14/2015-16

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CERTIFICATION COURSE

Mushroom Cultivation

Coordinator: Ummu Habeeba

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1: INTRODUCTION TO MUSHROOM CULTIVATION:-

Importance of mushroom cultivation, Uses of mushroom cultivation, Mushroom cultivation initiates in india, Introduction composting and cultivation, The composting diagram, The cultivation diagram, nutritional value of mushrooms

Module 2: SIX STEPS IN MUSHROOM CULTIVATION:-

Making Mushroom Compost, Finishing the Compost, Spawning, Casing, Pinning, Cropping

Module 3:MUSHROOM CULTIVATION TECHNIQUES:-

Pack The Plastic Bags, Incubation, Fruiting, Harvest.




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Ref: MESKC/CCS/06/2015-16

Date

CERTIFICATION COURSE

.NET TECHNOLOGIES

Coordinator: Ummu Habeeba

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1:INTRODUCTION TO .NET FRAMEWORK:

Introductions, course mechanics, .NET Overview, CLR, Assemblies (monolithic vs. component-based applications), Execution Model, Client-Side vs. Server-Side Programming, Web Technologies

Module 2: .NET INTEROPERATION SERVICE:

Development Environment Setup, ISS, SQL Server and Visual Studio, Advanced C#: OOP, Delegates, Events, Attributes, unsafe code, .NET Interop

Module 3: .NET REMOTING:-

Exposing and consuming ASP.NET Web Services, XML, RESTful, SOAP, DISCO, UDDI ,Continue with Web Services,Developing Secure Web Services.NET remoting,HTML5 and Cross-Platform Mobile Apps using PhoneGap




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(Signature)

Create and save a document using MS WORD, Checking Spelling and Grammar using Dictionary, Create main document and data file for mail 15 merging, Create and save a new work book in Excel, Formatting cells, Create graphs for the data using Chart Wizard.

Module 3: MS WORD&MS EXCEL:-

MS Power Point, Insert text and pictures into a blank slide.
Creation and manipulation of databases, Create and save a new presentation using

Module 2: MS ACCESS&MS POWERPOINT:-

E-commerce transactions, Web content uploading, Ability to operate Mac OS

Module 1: INTERNET:-

Syllabus

Year: 2015-16

Coordinator: Ummu Habeeba

Duration: 3 Months

Eligibility: +2

Office Automation

CERTIFICATION COURSE

Date

Ref: MESKC/CCS/07/2015-16

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Ref: MESKC/CCS/08/2015-16

Date

CERTIFICATION COURSE

Professional Programmer

Coordinator: Ummu Habeeba

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1: ACCESSING DATA USING SQL:

Generate detail reports by working with a single table, joining tables, or using set operators in the SQL procedure. Compare solving a problem using the SQL procedure versus using traditional programming techniques.

Module 2: MACRO PROCESSING:-

Use various system options that are available for macro debugging and displaying values of user-defined and automatic macro variables in the log. Create data-driven programs using Macro Language.

Module 3: ADVANCED PROGRAMMING TECHNIQUES:-

Demonstrate the use of advanced data look-up techniques such as array processing, hash objects, formats, and merging. Perform effective benchmarking.




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Ref: MESKC/CCS/20/2015-16

Date

CERTIFICATION COURSE

Tally 7.3

Coordinator: Ummu Habeeba

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1: BASIC ACCOUNTING:-

Payment Entry, Receipt Entry, Journal Entry

Module 2: GETTING FUNCTIONAL WITH TALLY:-

Tally.ERP 9 Start-up, Tally.ERP 9 Screen Components, The Tally. ERP Clock, Switching between Screen Areas

Module 3: :-INVENTORY:-

Introduction to Inventory, Stock Groups, Stock Categories, Stock Item, Reorder Levels, Locations / Go downs, Units of Measure, Price List, Tariff classification, Dealer Excise opening stock, Pure Inventory Voucher




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Ref: MESKC/CCS/11/2015-16

Date

CERTIFICATION COURSE

Vermi Composting

Coordinator: Dr. Sanjeev Kumar

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1: VERMICULTURE:-

Method of preparation of Vermicompost, Multiplication of worms in large scale

Module 2: METHOD FOR VERMICOMPOSTING:-

Vermi composting of wastes in field pit, Vermi composting of wastes on ground heap method, Vermi composting of wastes on improved method

Module 3: VERMI COMPOSTING PRODUCTION METHODS:-

Bins, Windrows, Troughs, Pits




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Ref: MESKC/CCS/09/2015-16

Date

CERTIFICATION COURSE

Web Designing

Coordinator: Ummu Habeeba

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1:HTML 5:

Intro,NewElements,Canvas,SVG,Drag/Drop,Geolocation,Video,Audio,Inputtypes,Form Elements,Form Attributes,Semantic,Web Storage,App Cache,Web Workers,SSE

Module 2:CSS:

Basic,HOME,Introduction,Syntax,Id&Class,HowTo,Backgrounds,Text,Fonts,Links,Lists,Table.

Module 3:JQUERY:-

jQuery HOME, jQuery Intro,jQuery Install, jQuery Syntax, jQuery Selectors, jQuery Events,jQuery Hide/Show,jQuery Fade,jQuery Slide,jQuery Animate,jQuery stop(),jQuery Callback,jQuery Chaining,jQuery GetjQuery Set,jQuery Add,jQuery Remove,jQuery CSS Classes,jQuery css(),jQuery Dimensions,jquery slider




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Ref: MESKC/CCS/01/2015-16

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CERTIFICATION COURSE

Accounting Packages

Coordinator: Ummu Habeeba

Duration: 3 Months

Year: 2015-16

Eligibility: +2

Syllabus

Module 1: FINANCIAL STATEMENTS OF LIMITED COMPANIES:

Drafting financial statements for single entities and consolidation of limited companies. skills to interpret the financial statements of limited companies, using ratio analysis.

Module 2: MANAGEMENT ACCOUNTING : BUDGETING:

Budget for business activities, set targets and plans, and monitor results. Skills in management accounting, statistical analysis, written communication and variance analysis

Module 3: ACCOUNTING : DECISION AND CONTROL:-

Basic or standard budget costs, create budgetary reports, control reports, and standard costing control reports. Concepts like cost behaviour, cost analysis, standard costing, and contribution theory.




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