



## 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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Phone: 04924-222377 (Off), 04924-223414 (Principal), 04924- 223414 (Fax)



MES Since 1964

Ref: MESKC/CC/10/2017-18

Date

### CERTIFICATION COURSE

#### Vermi Composting

**Coordinator: Dr. Sanjeev Kumar**

**Duration: 3 Months**

**Year: 2017-18**

**Eligibility: +2**

#### Syllabus

##### Module 1: VERMICULTURE:-

Method of preparation of Vermicompost, Multiplication of worms in large scale Bins, Windrows, Troughs, Pits

##### Module 2: ADVANTAGES OF VERMICULTURE:-

Enriching soil, Increasing plant growth and yields

##### Module 3: 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



  
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### CERTIFICATION COURSE

#### Tally 7.3

**Coordinator:** Ummu Habeeba

**Duration:** 3 Months

**Year:** 2017-18

**Eligibility:** +2

#### Syllabus

##### Module 1: BASIC ACCOUNTING:-

Payment Entry, Receipt Entry, Journal Entry

##### Module 2: CHARTS OF ACCOUNTING:-

Asset accounts, Liability accounts, Equity accounts, Balance sheet accounts, Profit and loss accounts

##### Module 3: FUNDAMENTALS OF TALLY:-

Getting Functional with Tally Creation / Setting up of Company in Tally



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## CERTIFICATION COURSE

### NET Technologies

Coordinator: Dr. Sanjeev Kumar

Duration: 3 Months

Year:2017-18

Eligibility: +2

### Syllabus

#### Module 1: C# LANGUAGE :-

Fundamentals, Keywords, Control Statements, OOP Concepts, Constructors

#### Module 2: WINDOWS PROGRAMMING USING VB:-

Windows forms, form methods, form properties

#### Module 3: SQL:-

Clauses / Operators, SQL-Injection, Functions, Queries



  
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### **CERTIFICATION COURSE**

#### **Mushroom Cultivation**

**Coordinator: Ummu Habeeba**

**Duration: 3 Months**

**Year: 2017-18**

**Eligibility: +2**

#### **Syllabus**

##### **Module 1: MUSHROOM PRODUCTION:-**

The six steps of mushroom farming, Composting, Spawning, Casing, Pinning, Cropping

##### **Module 2: MUSHROOM CULTIVATION:-**

Introduction composting and cultivation, The composting diagram, The cultivation diagram, nutritional value of mushrooms

##### **Module 3: MUSHROOM CULTIVATION TECHNIQUES:-**

Pack The Plastic Bags, Incubation, Fruiting, Harvest.



  
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### **CERTIFICATION COURSE**

#### **Jewellery Designing**

**Coordinator: Ummu Habeeba**

**Duration: 3 Months**

**Year: 2017-18**

**Eligibility: +2**

#### **Syllabus**

##### **Module 1: INTRODUCTION TO JEWELLARY DESIGNING:-**

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

##### **Module 2: RENDERING JEWELLARY DESIGNS:-**

Types of jewellery design, Images of jewellery design,

##### **Module 3: Computer Training - Basic Designing on Corel:-**

CAD/CAM



  
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## CERTIFICATION COURSE

### Human Rights

**Coordinator:** Ummu Habeeba

**Duration:** 3 Months

**Year:** 2017-18

**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: HUMAN RIGHTS AND INTERNATIONAL NORMS:-

Universal declaration of Human rights, International human rights treaties, Regional protection and institutions.

#### Module 3: HUMAN RIGHTS IDEOLOGY:-

Antecedents, History and Theory



  
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Ref: MESKC/CC/09/2017-18

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## **CERTIFICATION COURSE**

### **Fashion Designing**

**Coordinator: Ummu Habeeba**

**Duration: 3 Months**

**Year: 2017-18**

**Eligibility: +2**

### **Syllabus**

#### **Module 1: FASHION DESIGN:-**

Introduction to fashion design, Designing concept, Fashion terminology.

#### **Module 2: 3D DESIGNING AND FASHION:-**

3D fashion designing software, Influence of 3D printing on fashion design,  
Virtuality fashion

#### **Module 3: Computer Aided-Design:-**

CAD Fashion Design introduction, Basics of CAD fashion designing



  
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### CERTIFICATION COURSE

#### Coral Draw

**Coordinator: Dr. Sanjeev Kumar**

**Duration: 3 Months**

**Year: 2017-18**

**Eligibility: +2**

#### Syllabus

##### Module 1: LEARN CORAL DRAW:-

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

##### Module 2: GRAPHIC DESIGNING:-

Introduction, Basics of graphic designing, Applications of graphic designing

##### Module 3: DRAWING AND COLORING:-

Introduction, Selecting Objects, Creating Basic Shapes , Reshaping Object,

Organising objects, Applying Colour fills and Outlines



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## CERTIFICATION COURSE

C++

**Coordinator: Ummu Habeeba**

**Duration: 3 Months**

**Year: 2017-18**

**Eligibility: +2**

### Syllabus

#### **Module 1: INTRODUCTION TO C++ :-**

Datatypes, Constraints, Keywords, Variables

#### **Module 2: C++ PROGRAMMING:-**

Loops, Predefined functions and their Modules, Predefined functions vs user defined functions

#### **Module 3: DATA STRUCTURES IN C++:-**

Array, Stack, Queue, Tree, Graph, Linkedlist



  
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### CERTIFICATION COURSE

#### C Programming

**Coordinator: Dr. Sanjeev Kumar**

**Duration: 3 Months**

**Year: 2017-18**

**Eligibility: +2**

#### Syllabus

##### Module 1: INTRODUCTION TO C PROGRAMMING:-

Datatypes, Constraints, Keywords, Variables

##### Module 2: C PROGRAMMING REQUIREMENTS:-

Loops, Working on loops, Predefined Functions, Predefined functions vs User defined functions, Sample Programs

##### Module 3: DATA STRUCTURES IN C:-

Array, Stack, Queue, Tree, Graph, Linkedlist



  
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Ref: MESKC/CC/04/2017-18

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### CERTIFICATION COURSE

#### Arabic Translation

**Coordinator:** Ummu Habeeba

**Duration:** 3 Months

**Year:** 2017-18

**Eligibility:** +2

#### Syllabus

##### Module 1: ARABIC TO ENGLISH TRANSLATION:-

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

##### Module 2: TRANSLATION TO OTHER LANGUAGES:-

Basics of translating languages, Translation rules, Method of translation

##### Module 3: INTRODUCTION TO ISLAMIC TRANSLATION:-

Theoretical Model For Islamic Translation



  
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## **CERTIFICATION COURSE**

### **Animation**

**Coordinator: Dr. Sanjeev Kumar**

**Duration: 3 Months**

**Year: 2017-18**

**Eligibility: +2**

### **Syllabus**

#### **Module 1: ANIMATION:-**

Traditional animation, Full animation, Limited animation, Stop motion animation

#### **Module 2: LEARN VFX:-**

VFX and CGI, VFX and SFX, VFX vs Animation

#### **Module 3: GAMING:-**

Creating game animations, working in games, Creation of gaming softwares,

#### **Module 4: BASIC OF 2D AND 3D ANIMATION:-**

Introduction to 2 Dimension animation, 3 Dimension animation, 2D to 3D

Transformation



  
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### CERTIFICATION COURSE

#### Adv. Java

**Coordinator: DR. Sanjeev Kumar**

**Duration: 3 Months**

**Year: 2017-18**

**Eligibility: +2**

#### Syllabus

##### Module 1: GENERIC PROGRAMMING:-

Generics in Java, Generic Functions, Advantages of Generics

##### Module 2: JDBC:-

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

##### Module 3: DATABASE PROGRAMS:-

ADABAS, IBM DB2, Microsoft excel, Microsoft access, Microsoft SQL server, MySQL, Oracle, RDBMS, Quick base



  
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## CERTIFICATION COURSE

### SPSS

**Coordinator: Naseema M.K**

**Duration: 3 Months**

**Year: 2017-18**

**Eligibility: +2**

### Syllabus

#### Module 1: LINEAR MODALS:-

What is linear model, linear regression models, Linear regression models, Linear regression models

#### Module 2: FACTOR ANALYSIS:-

What is Factor Analysis, Confirmatory Factor Analysis, Exploratory Factor Analysis, Research Questions and Data

#### Module 3: CLUSTER ANALYSIS:-

What is Cluster Analysis, How Does Cluster Analysis Work, Correlation Coefficient, Euclidean Distance.



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## CERTIFICATION COURSE

### Photography

**Coordinator: Naseema M.K**

**Duration: 3 Months**

**Year: 2017-18**

**Eligibility: +2**

### Syllabus

#### Module 1: BASICS OF PHOTOGRAPHY

Study of patience, Basics of cameras, different modes used in photography.

#### Module 2: DIGITAL PHOTOGRAPHY

Studying the method of digitalisation, studying the various digital editing method, issues relating to digitalising photos.

#### MODULE 3: NATURE AND WILD LIFE PHOTOGRAPHY

Study of angles, Determining the source of best lighting, collection of backgrounds, understanding the concepts of exposure levels.



  
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Ref: MESKC/CC/18/2017-18

## CERTIFICATION COURSE

### Marketing Management

Coordinator: Naseema M.K

Year: 2017-18

Duration: 3 Months

Eligibility: +2

### Syllabus

#### Module 1: MARKETING STRATEGY,

Importance of Marketing Strategy, Organization an edge over it's competitors, Get existing customers to buy more, Increase market share.

#### Module 2: BRANDING,

Branding analysis, Communication and business operations, Conceptual theories and case, Application of knowledge in real world situations.

#### Module 3: PRODUCT STRATEGY

What is a product strategy, The 4p's of marketing, positioning and future changes, specific target audiences and focus.



  
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## CERTIFICATION COURSE

### Food Processing Technician

Coordinator: Naseema M.K

Duration: 3 Months

Year: 2017-18

Eligibility: +2

### Syllabus

#### Module 1: BOTTLING AND PACKING

Collection of material, safety checking, quality ensuring methods, determination quantity.

#### Module 2: QUALITY CHECK

Adoption of quality check method, understand the concept of quality checking, various quality ensuring methods.

#### Module 3: STORAGE AND TRANSPORTATION

Capacity of storage compartment, safety ensuring method of transportation,

Studying the roadways in transportation



  
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### CERTIFICATION COURSE

#### Cyber Security

Coordinator: Naseema M.K

Duration: 3 Months

Year: 2017-18

Eligibility: +2

#### Syllabus

##### Module 1: THREAT DETECTION

Introduction, identification of threats, removal and preventing techniques.

##### Module 2: ESSENTIAL CYBER SECURITY

Understanding the concept of cyber security, study of methods of hacking, different types of hackers.

##### Module 3: CYBER SECURITY TOOLKIT

Study of various tools in relation, understanding the concept of security, working of the tools, study of processing the foreign data.

##### Module 4: ETHICAL HACKING

Study of coding in java, c++, python, creating a morale, Understanding the concept of white hat hackers



  
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## CERTIFICATION COURSE

### Content writing

Coordinator: Naseema M.K

Duration: 3 Months

Year: 2017-18

Eligibility: +2

### Syllabus

#### Module 1: CONTENT WRITING FOR MOBILE DEVICES

Study of grammar, Understanding how people read on a mobile device,  
Chunk content for easy reading, Replace wordy phrases with simple words.

#### Module 2: CONTENT DESIGNING

practice of developing front-end websites, selecting the right elements, making the  
written material attractive.

#### Module 3: CONTENT WRITING AS A CAREER

Build a Professional Portfolio, produce engaging content, written Web material, A  
Solid Understanding of SEO, Adaptability.



  
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## CERTIFICATION COURSE

### Aquarium Managemnt

Coordinator: Naseema M.K

Duration: 3 Months

Year: 2017-18

Eligibility: +2

### Syllabus

#### Module 1: SCOPE AND NATURE OF AQUARIAM

Aquatic versions of a petting zoo, The use of fish tanks, anxiety reducing.

#### Module 2: WATER ECO SYSTEM

Functions, performance of eco system, physical chemical or biological alterations of the environment.

#### Module 3: FISH HEALTH AND DISEASES

Nutrients of different species of fish, study of aquatic diseases, prevention method of diseases.

#### Module 4: FISH TANKS

Care method of fish tanks, building and dismantling the tank, filtering techniques



  
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