

### IMPORTANT DATES

- Registration Open:25.02.2021
- Commencement of Course:01.03.2021
- Last date for registration:01.03.2021

### ELIGIBILITY

Candidates of I year, II year and III year UG Programme.

### GENERAL INSTRUCTIONS

- Classes will be conducted out of the regular hours
- Examination Fee is separate for each course
- The duration of course will be one semester
- The course will constitute a maximum of 3-6 hrs per week
- Minimum attendance of 75% is compulsory for appearing in examination
- The registration fee and course fee are non refundable
- List of selected students shall be published after registration process is complete.

Note: The college reserves the right to cancel or make changes to course regulations. The college reserves the right to take disciplinary action against any student if required as per college rules

### PRINCIPAL

**Dr.R.Thangavel**

### Curriculum Development Cell

Coordinator: **Dr.R.Bharathikannan**

#### Members:

Dr.V.Neelakandan, Dr.K.Kanagarajan,  
Dr.S.Rameshkumar, Dr.P.Kuppuraj,  
Dr.G.Thanikacchalam, Dr.G.Raja,  
Dr.J.B.Chandrasekar, Dr.S.Muthukumar  
Dr.K.Dhanakodi

### Contact details:

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### SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE COIMBATORE - 641 020

*(An Autonomous College Affiliated to Bharathiar University & reaccredited by NAAC with 'A' Grade)*



### VALUEADDED COURSES (2020-2021)

in association with reputed  
Training Partners

- ❖ MICROSOFT COMPUTER AWARENESS PROGRAMME
- ❖ BASICS OF ELECTRICAL, PLUMBING AND TWO WHEELER MECHANISM
- ❖ CULTURAL HERITAGE OF INDIA

## COURSE DETAILS

### Certificate Course in MicroSoft Computer awareness programme

**Course Provider:** Department of  
Computer Applications,  
SRMV CAS(SF), Coimbatore-20

#### Objectives:

- To promote digital literacy among non computer UG programme students
- To familiarize the MS-Word, Ms-Excel computer tools

**Course Fee:** Rs.1000/=

**Duration:** One Semester

**Total Hours:** 40

**Coordinators:**1. Dr. R. Sridhar

Director,  
SRMV CAS. Cbe-20

2. Dr.K.Kanagarajan

Asst.Prof. of Mathematics  
SRMV CAS. Cbe-20

## COURSE DETAILS

### Certificate Course in Basics of Electrical, Plumbing and Two Wheeler Mechanism in association with RMV ITI, Coimbatore.

#### Objective:

- To impart basic skills training on Electrical, Plumbing and Two wheeler Mechanism, as these skills will help students, when they encounter servicing problems in their day today activity.

**Course Fee:** Rs.300/=

**Duration:** One Semester

**Total Hours:** 30

**Coordinators:**1. Dr. S.Rajarajan

RMV ITI, Cbe-20  
SRMV CAS. Cbe-20

2. Dr.G.Thanikacchalam

Asst.Prof.of Co-op  
SRMV CAS. Cbe-20

## COURSE DETAILS

### Certificate Course in Cultural Heritage of India in association with Ramakrishna Mission Vidyalaya Swami Vivekananda Cultural and Heritage Centre (SVCHC), Coimbatore.

#### Objectives:

- To Preserve the value and rich heritage of our composite culture.
- To provide awareness among students about the basic understanding of the philosophy, Indian Sastras, knowledge about the glorious and composite culture of India.

To instill among the students sense of national patriotism, social responsibilities, cultural understanding and harmony in living.

**Course Fee:** Rs.300/=

**Duration:** One Semester

**Total Hours:** 30

**Coordinators:**1. Dr. S. Alagesan

RMV SVCHC  
Coimbatore-20

2. Dr.S.Rameshkumar.

Physical Director  
SRMV CAS. Cbe-20

**Programme : B.Sc. /B.A. / B.Com. / BCA**

**Course Code : 20VAC4EPT**

**Course Title : Basics of Electrical, Plumbing & Two Wheeler Mechanism**

**Year: I**

**Semester: I**

**Credits: 2**

### **Unit I : Basics of Electrical**

#### **Theory :**

1. Safety Rules and Safety Signs
2. Introduction to Electricity
3. Electricity – Basic Concepts

#### **Practical :**

1. Hand Tools
2. Wiring Accessories
3. Types of Cables
4. Types of Connections
5. Different types of connection
6. Fuses, Lights, and fan wiring
7. Stair Case Wiring

### **Unit II : Basics of Plumbing**

#### **Theory :**

1. Awareness about the significance of plumbing
2. Importance of observing safety rules while working with pipes and professional ethics
3. Familiarization with tools and material of plumbing
4. Identification of names and application of domestic plumbing appliances
5. Understanding and interpretation of Plumbing Drawing

#### **Practical :**

1. Pipe cutting, threading and fitting
2. Dismantling and refitting of pipe and pipe fittings
3. Laying of pipe in domestic water supply
4. Assembly of pipes with standard pipe fittings
5. Servicing of water taps and servicing of gate valves
6. Installation and servicing of wash basin, and its fittings
7. Installation of sink and servicing of sink and its fittings

### **Unit III : Basics of Motor Vehicle Technology**

#### **Theory :**

1. General health & Safety precautions to be observed in the workshop / garage
2. Two wheeler Road and traffic Rules & Signals
3. Working principle of 2 & 4 stroke engines
4. Functions &Types of lubrication & cooling systems

**Practical :**

1. Electrical wiring and Lighting system adjustment
2. Clutch, brake & accelerator cables, adjust clutch & brake plays and General defects in clutch, Gearbox & brakes
3. Clean, Check and Adjust spark plug
4. Brief introduction on battery and its maintenance
5. Lubricating Oil changing, Tyre maintenance
6. Functions of carburettor and adjustments

**Reference:**

Materials prepared by faculty members