



# MES COLLEGE ERUMELY

BRIDGE COURSE



2019 - 2020

# MES COLLEGE ERUMELY

## Department of Electronics

### Bridge Course – Syllabus

**Subject: PC Assembly and Maintenance**

**No. of Modules: 5**

**No. of Hours : 10 hours**

**Aim of the Course:**

1. To impart the basic knowledge in computer hardware with sufficient practical sessions.
2. To create a confidence in using and assembling PC

**Objectives:**

1. To understand the various components of a computer.
2. To familiarize the assembling, maintenance and trouble shooting of a PC.

#### Module I : BIOS Configuration

**2 Hours**

Study of BIOS setup, Advance setup, Boot configuration, Boot menu

#### Module II : Installation of OS

**3 Hours**

Formatting and Partitioning of Hard disk, Installation of Windows and Linux

#### Module III : Installation and Configuration of Devices

**3 Hours**

Different types of Mother Board Drivers, LAN, Audio and Video, Setup of Printer, Scanner, Webcam, Bluetooth, & Memory readers.

#### Module IV : Troubleshooting of PC

**2 Hours**

POST, Identifying problems, Power supply checking and Replacement of Components



*Jisha C. K.*

JISHA C. K.  
Head of the Department  
Department of Electronics  
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*Anil Kumar S.*  
Prof. (Dr.) ANIL KUMAR S.  
PRINCIPAL  
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## Dept.of Electronics

### PC Assembling and Maintenance

1	Arya Raj	B.Sc Electronics
2	Kiran Joseph	B.Sc Electronics
3	Naga Rajan V	B.Sc Electronics
4	Afiya Ismail	BCA
5	Alfiya Yoosuf	BCA
6	Alfiya A Kabeer	BCA
7	Alfiya P S	BCA
8	Alfiya K	BCA
9	Amal T Sabu	BCA
10	Arif.Mohammed	BCA
11	Fathima Anas	BCA
12	Jessy Mol P R	BCA
13	Nourin Nazar	BCA
14	Rakhi P S	BCA
15	Reshma Suresh	BCA
16	Raina Abraham	BCA
17	Sahith Siraj	BCA
18	Shahana Basheer	BCA
19	Shetina Shibu	BCA
20	Sruthi S Nair	BCA
21	Tincy Mol Mathew	BCA

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HEAD OF THE DEPARTMENT  
Department of Electronics  
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Dept. of Electronics		13-1-2020	14-1-2020	7/2/2020	11/2/2020	14/2/2020						
PC Assembling and Maintenance												
1	Arya Raj	B.Sc Electronics	✓									
2	Kiran Joseph	B.Sc Electronics	✓									
3	Nagarajan V	B.Sc Electronics	✓									
4	Afiya Ismail	BCA	✓									
5	Alfia Yoosuf	BCA	✓									
6	Alfiya A Kabeer	BCA	✓									
7	Alfiya P S	BCA	✓									
8	Alfiya K	BCA	✓									
9	Amal T Sabu	BCA										
10	Arif Mohammed	BCA										
11	Fathima Anas	BCA	✓									
12	Jerry Mol P R	BCA	✓									
13	Nourin Nazar	BCA	✓									
14	Rakhi P S	BCA	✓									
15	Reshma Suresh	BCA	✓									
16	Resna Ibrahim	BCA	✓									
17	Sabith Siraj	BCA										
18	Shahana Basheer	BCA										
19	Shibina Shibu	BCA	✓									
20	Sruthi S Nair	BCA	✓									
21	Tincy Mol Babu	BCA	✓									
22	Abhilash Mathew											



Head of the Department  
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Bridge course for Electronics

Preliminary Test- Pc Assembling and Maintenance

1. Which of the following is used for cache memory?  
 SRAM                       DRAM  
 ROM                               None of the above
2. What is the main purpose of ROM in computer?  
 To start a computer               To stop a computer  
 Both A and B                       None of the above
3. Which of the following components are connected by motherboard?  
 Hard drive                       Sound card  
 Microprocessor                       All of the above
4. What is RAM?  
 Volatile Memory                       Non-volatile Memory  
 Secondary memory                       Both B and C
5. What is the use of Ethernet port?  
 To connect to a computer network               To connect monitor  
 To connect Printer                       All of the above
6. Unix is an  
 Application Software                       Utility Software  
 Both A and B                       None of the above
7. What is BIOS?  
 Hardware                       Software  
 Firmware                       None of the above
8. Microsoft's new web browser  
 Spartan                       Edge  
 IE10                       Cortana
9. Latest microprocessor from Intel?  
 Intel core i7                       Intel Core 2 Quad  
 Intel core 2 Duo                       Intel Quad-Core
10. Which of the following is fastest?  
 Compiler                       Interpreter  
 Both A and B                       None of the Above

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✓

✓

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✓

X

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