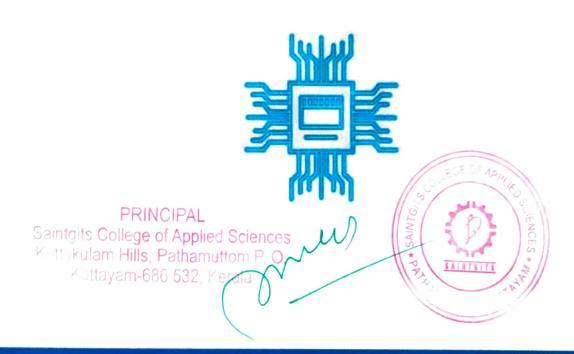


HARDWARE & PC ASSEMBLING

SAINTGITS COLLEGE OF APPLIED SCIENCES

VALUE ADDED COURSES 2018 -'19





ABOUT THE COURSE

Hardware & DC Assembling program enables the participants to know more about PC hardware components in detail. It includes identifying, installing and assembling PC System. It also covers on CPU, RAM chips, motherboard architecture, ports, connectors, cables, power supply, CMOS Configurations as well as upgrading and troubleshooting hardware problems.

OBJECTIVES

- o Identify the names, purpose and characteristics of hardware components
- o Identify various types of motherboard architecture and processor chips
- o Identify ports and connectors: Serial, Parallel, USB, Fire wire, IDE, FDC etc and Interface cards.
- o Discover basic procedures for adding and removing hardware components
- o Identify the names, purpose and performance characteristics of ports, connectors and cables
- o Use Step by step procedures on PC Assembling.

EXPECTED OUTCOMES

 Students will become able to understand how to assemble desktop PC with its internal components.

FEATURES

o We providing Hands-on session for PC assembling

30 Hrs

DURATION

RELEVANCE

The course is designed to equip students with latest technology trends in hardware

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SYLLABUS

o Familiarizing PC hardware Components.

o PC Assembling.

ADVANTAGE

olt will shape up your life professionally. After completed this course, students developed android app for Department named 'HELPING HAND FOR BCA SCASIANS'

o Help students to gain the required experience and expertise for this specific area. With this experience student handled Hands-on sessions on PC Assembling for high school students through a program 'TECHMERIDIAN'



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SAINTGITS COLLEGE OF APPLIED SCIENCES PATHAMUTTOM, KOTTAYAM

SYLLABUS

SUBJECT:- HARDWARE & PC ASSEMBLING & ANDROID APP DEVELOPMENT USING MIT APP INVENTOR

MODULE 1:

• Familiarizing PC hardware Components. -Motherboard, RAM, RAM Slot, CPU, CPU Socket, Expansion Slots, SMPS, Heat Sink, CMOS, CMOS battery, BIOS, I/O ports-VGA ports, USB port, Parallel port, Serial Port.

MODULE.2:

O PC Assembling- Assembling various parts of a Personal Computer

MODULE 3:

o MIT App Inventor2 for android app- Detailed description of MIT App Inventor window -Palette, Viewer, Components and Properties. Different UI Components-Button, Image, CheckBox, DatePicker, Label, ListPicker, ListView, Notifier.

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