SAINTGITS COLLEGE OF APPLIED SCIENCES

VALUE ADDED COURSES 2018-'19

HARDWARE & PC ASSEMBLING
AND
ANDROID APP DEVELOPMENT
USING MIT APP INVENTOR

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ABOUT THE COURSE

Hardware & PC 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. MIT App Inventor is an online platform designed to teach computational thinking concepts through development of mobile applications.
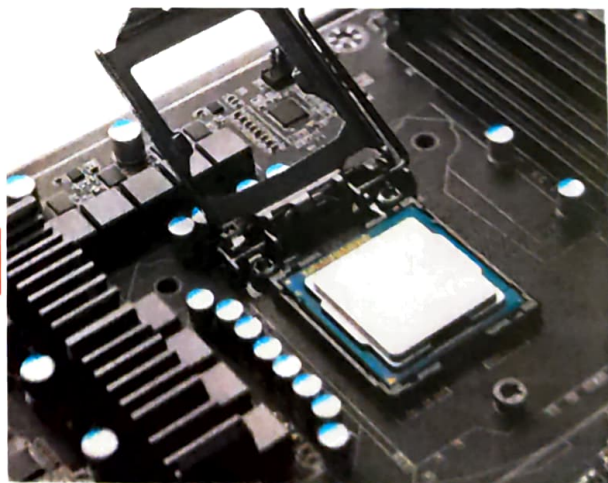
OBJECTIVES

- Identify the names, purpose and characteristics of hardware components
- Identify ports and connectors: Serial, Parallel, USB, Fire wire, IDE, FDC etc and Interface cards.
- Discover basic procedures for adding and removing hardware components
- Develop android app using MIT appinventor

EXPECTED OUTCOMES

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

- Students will become able to develop mobile applications for android phones.

DURATION

- One Year(Two hours per week)

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THE COURSE IS DESIGNED TO EQUIP STUDENTS WITH LATEST TECHNOLOGY TRENDS IN HARDWARE AND MOBILE APPLICATION DEVELOPMENT.

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FEATURES

- We providing Hands-on session for PC assembling
- Helps students in developing android app.

RELEVANCE

- The course is designed to equip students with latest technology trends in hardware and mobile application development

ADVANTAGES

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

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

CONTENT

- Familiarizing PC hardware Components.
- PC Assembling.
- MIT App Inventor2 for android app.

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