SACRED HEART COLLEGE Autonomous

2015-2016

INTRODUCTION TO INFORMATION TECHNOLOGY
Course Code: 15CAPVAC01   Duration: 30 Hrs

Course Aim:

It introduces the fundamentals concepts of computer.

Course Objectives:

1) Understand the basic fundamentals of computer
2) Understand the different input and output devices
3) Understand the software and its types
4) Understand the basics of networking

UNIT I: Fundamentals of Computer

Brief history of development of computers, Computer system, concepts, Types of computers Generations of computers- Basic components of a computer system memory - RAM, ROM, EPROM, PROM.

UNIT II: Input/ Output Devices

Basic input and Output devices-Keyboard, Mouse, Scanner, OMR, printer, Monitor. Secondary storage devices-Magnetic and optical media

UNIT III- Software and its types

Software and its Need, Types of Software - System software, Application software, System Software Introduction to operating system for PCs-DOS
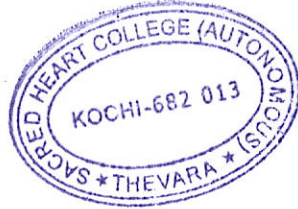
UNIT IV-Introduction to Networking

Introduction to networks, Types of Network, Internet and Intranet, World Wide Web, Internet Applications, Electronic mail, Bulletin Board Service (Network News), browsing the World Wide Web, Automated Web Search (Search Engines), Audio and Video Communication

Thevara, ~~...~~

Reference Books:

1. Fundamentals of Technology Project Management by Colleen Garton and Erika McCulloch

2. Fundamentals of Information Studies: Understanding Information and Its Environment, Second Edition by June Lester, Wallace C. and Jr. Koehler

3. The Basics of Information Security: Understanding the Fundamentals of InfoSec in Theory and Practice by Jason Andress

Regitha. M. R

Dr. Johnson X Palackappillil
Principal
Sacred Heart College (Autonomous)
Thevara, Kochi-682 013