SWARNIM STARTUP & INNOVATION UNIVERSITY

SWARRNIM SCIENCE COLLEGE
VALUE ADDED COURSE (VAC)
Basic Computer Applications (SLH) - VACBCA

Duration: 30 Hours (15 Sessions, 2 Hours Each)

Session-1 & 2 (BASIC COMPUTER FUNDAMENTALS) (4 Hours)
- INTRODUCTION
- APPLICATION OF COMPUTER
- HISTORY OF COMPUTER
- COMPUTER ORGANIZATION
- INPUT DEVICE
- OUTPUT DEVICE
- STORAGE DEVICE
- INTRODUCATION ABOUT VIRUS

Session- 3 & 4 (BASIC SOFTWARE APPLICATIONS) (4 Hours)
- PDF
- ADOBE ACROBAT READER
- CHEMDRAW
- NOTEPAD
- PAINT
- WORDPAD
- CONTROL PANEL
- BACIS WINDOWS CONTROL

Session- 5 & 6 (OPERATING SYSTEM) (4 Hours)
- INTRODUCTION
- POPULAR OPERATING SYSTEM
- HISTORY OF OPERATING SYSTEM
- FUNCTIONS OF OPERATING SYSTEM
- CLASSFICATION OF OPERATING SYSTEM
- OS INTERFACE
- OS MANGMENT
- TYPES OF OPERATING SYSTEM

Session- 7 & 8 (INTERNET & NETWORKING) (4 Hours)
- WHAT IS INTERNET
- USES OF INTERNET
- COMPONENT OF INTERNET
- H/W & S/W REQURED FOR INTERNET
- WHAT IS NETWORK
- TYPES OF NETWORK
- LAN VS WAN DIFFRENECE

Session- 9 & 10 (WEB TECHNOLOGY) (4 Hours)
- WHAT IS WEB TECHNOLOGY
- TYPES OF WEB TECHNOLOGY
- INTRODUCTION ABOUT HTML
- FEATURES OF HTML
- HTML SECTION
- ADVANTAGES OF HTML
- HTML PAGE STRUCTURE
- BASIC TAG
- TEXT FORMATING TAGS

Session- 11& 12 (PROGRAMMING LANGUAGES) (4 Hours)
- INTRODUCTION OF XML
- USES OF XML
- CHARACTERISTICS OF XML
- TAGS IN XML
- ADVANTAGES OF XML
- XML RELATED TECHNOLOGY
- WHAT IS PROGRAMMING LANGUAGES
- TYPES OF PROGRAMMING LANGUAGE
- TOP MOST COMMANLY USES P.L
- TOP MOST DEMANDED P.L
- POPULAR P.L USED IN WEBSITES

Session- 13 & 14 (MS ACCESS) (4 Hours)
- INTRODUCTION ABOUT MS ACCESS
- DATABSE STRUCTURE
- COMPONENTS OF MS ACCESS

- LIMITATIONS OF MS ACCESS
- USES OF MS ACCESS
- ADVANTAGES
- DISADVANTAGES
- HOW TO CREATE DATABSE

Session- 15 (DISK OPERATING SYSTEM) (2 Hours)
- WHAT IS DOS
- HISTORY OF DOS
- DOS COMMANDS
- INTERNAL COMMANDS
- EXTERNAL COMMANDS