 VITS, BHOPAL	**VAISHNAVI INSTITUTE OF TECHNOLOGY & SCIENCE COMPUTER SCIENCE ENGINEERING**		**FORM NO**	**VITS/A/18/05**
BRANCH	**CE/ME**	**ASSIGNMENTS**	**REV. NO**	**00**
SEMESTER	**II**		**REV. DT**	**16/07/2018**
NAME OF FACULTY: SUMIT SHARMA **SUBJECT:BASIC COMPUTER ENGINEERING** **SUBJECT CODE: BT203**				

ASSIGNMENT-I

1. Definition of computer with the help of example.

2. Define organization of computer i.e CPU, register, bus architecture, instruction set.

3. What is the role of computer application in E-business, remote sensing & GIS, multimedia and animation.

4. What is an operating system? Define function and types of O.S.

5. What is application software ?

ASSIGNMENT-II

 1.What is an operating system? Define function and types of O.S

2 **.** Explain various data types in c++?

2. Define algorithm? Distinguish between algorithm and flowchart ?

3. Compare procedure Oriented Programming VS object oriented Programming.

4. Describe the concept of object oriented Programming.

5. Define character set, tokens and array in c++

ASSIGNMENT-III

1. What are constructor? Explain with example.

2. What is inheritance? Explain its various types.

3. What is data structure?

4. Describe object and classes.

5. Explain friend function.

ASSIGNMENT-IV

1. Explain the following Data independence, data dictionary.

2. Define DBMS and architecture of DBMS.

3. Compare file oriented and database approach.

4. Describe different type of cloud and write pros and cons of cloud computing.

5. Define the term of cloud computing? Also explain any one of service delivery model

ASSIGNMENT –V

1. What are the goals and applications of computer networks?

2. Write a short note on world wide web.

3. What is TCP/IP model? Explain in brief.

4. Explain about viruses, worms, malware, Trojans.

5. What is firewall? Explain with the help of block diagram

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