

Vimukta Jati Seva Samitee's  
**Gramin (ACS) Mahavidyalaya VasantNagar Kotgyal**  
**Tq.Mukhed Dist.Nanded**

**Department of Computer Science**

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**Outcomes**

**Programming Logic Concepts**

1. Student will be able to design algorithms to solve different problems.
2. Student will understand how to solve problems using computers.

**Designing of Web Pages Using HTML**

1. Be able to use HTML programming language.
2. Understand the principles of creating an effective web page.

**Introduction to Data Structure**

1. To develop application using data structures.
2. Students develop knowledge of applications of data structures including the ability to implement algorithms for the creation, insertion, deletion, searching etc.

**Programming in C Language**

1. Course is designed to provide complete knowledge of C Language to develop logics which will help them to create programs, applications in C.
2. Introduces the more advanced features of the C Language.

**Practical Based on Theory Papers-II & IV**

1. Practical approach to understand the principles of creating an effective web page.
2. The course is designed to provide complete knowledge of C language to develop logics which will help them to create programs.

**Operating System**

Students will be able to the basic components of a computer Operating system.

**Object Oriented Programming using C++**

Upon compilation of this course, students will able to do programming independently and will also be able to built small applications.

**Installation & Networking Skill**

Students would have knowledge of computer hardware and peripherals, their installation, PC assembly, trouble shooting.

**Computer Networks**

Students would be able to chose, escalate and establish a computer network.

**Java Programming**

On completion of the course the student would be able to use Java integrated development environment to write, compile, run, and test simple object-oriented Java programs. Further, they would be able to make elementary modifications to java programs that solve real-world problems.

**Digital Media Concepts Skill**

Student will be able to use essential skills for digital media.

**Practical's based on theory papers-VI & VII (OS and C++)**

Student will be able to understand the basic components of a Linux operating system, and interactions among the various components. Further, they will be able to independently program in C++.

**Practical's based on theory papers-VIII & IX (CN & Java)**

Students will gain expertise in some specific areas of networking such as the design and maintenance of individual networks. On completion of the course the student would be able to, use an integrated development environment to write, compile, run, and test simple object oriented Java programs.

### **Software Engineering**

Confidence of becoming a Software developer in order to get placement as well as in research activities.

### **Visual Programming**

Confidence of becoming a Software developer in order to get placement as well as in research activities.

### **Multimedia and Applications**

Develop projects effectively and independently, apply specialized knowledge in selected areas of Computer Science.

### **Relational Database Management Systems & PL/SQL**

To get good job in DBMS, students must have good knowledge of RDMS, any 4 GL, Networking Concepts, Operating System Concepts and Web related issues. The ORACLE / MAINFRAME are the popular DBMS technologies students should learn and master. The students are also encouraged to appear for OCP/ OCA –DBA certification examinations.

### **Computer System Security**

Awareness of existing demanding trends in IT industry in order to get placement as well as in research.

### **Office Automation Tools Skill**

Awareness of existing demanding trends in IT industry in order to get placement as well as in research.

### **Laboratory Course Work**

Give3 hands on training to the students and make them acquainted with various Real time Applications implemented currently in the Industry.

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