

3. use computer terminology correctly in the context of a particular application;
4. use computer applications software to solve problems;
5. discuss and comment on the social impact of the widespread use of computer technology;
6. automate simple tasks in specific applications.

Students will work on the projects during the courses; moreover, they will follow the stages in the development of the software system. For each stage, some widely known methods and techniques from the software development are introduced. Each method is then described in sufficient details. Both simple and more advanced examples are provided to illustrate the techniques and to serve as guidelines. Throughout the course, the student's project goals form a unifying theme and tie the syllabus together. Tests and projects allow the students to practice the methods on a small scale before applying them to their projects. Students will have experience programming in at least one high-level language, and have had an introduction to algorithms and data structures. Due to the style and project-focused approach used in the course, it is suitable for any student.

Course Nature : Certificate Course
Course Duration : 3 months



BASIC COMPUTER APPLICATION



Organised by :

NARAJOLE RAJ COLLEGE

Collaboration with

RCA

Narajole, Paschim Medinipur - 721211

Aims and Objectives:

Courses in Computer studies are offered to enhance the interest of student in computer.

The Information Technology prepares a student for basic knowledge using computer to solve data processing problems in daily life. After completion of the course, students should be able to :

- 1. show an awareness of what the major computer components are and how they act as system;*
- 2. appreciate that computers need instructions to operate and acquire simple programming skills;*
- 3. demonstrate a knowledge and understanding of using computers to solve problems related to practical applications;*
- 4. show a sense of control over computers;*
- 5. show an awareness of the effects and impacts of computers on the individual and the society;*
- 6. show an awareness of the capability and limitations of computers;*
- 7. show positive attitudes for adapting to and coping with a changing society with widespread utilization of computers.*

The Computer Studies is designed for students to understand and operate the computer and have special emphasis on sound design principles and programming development.

The objectives of the course are :

- 1. To provide opportunity for the study of modern methods of information processing and its applications;*
- 2. To acquaint students with knowledge of the computer systems with emphasis on their uses and limitation;*
- 3. To develop among students the programming techniques and the problem solving skills through programming;*
- 4. To foster among students an interest and confidence in using computers;*
- 5. To encourage an understanding of the implications of computers in the modern world;*
- 6. To prepare students who wish to go on to further studies in computer science and related subjects.*

The aims of Computer Application is provides students with an opportunity to develop understanding of the basic operations of a computer system and computer applications software. Meanwhile, they also develop the skill of using computer applications software for solving problems. Finally, they appreciate the social implications of developments in information technology. The objectives of this course are :

- 1. demonstrate understanding of the basic operations of a computer system;*
- 2. explain the principles of operations for computer systems used in a particular application, specifically in terms of the systems' hardware and software components;*