



Duration : 4 year

Eligibility:

- Passed 10+2 examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry/Biotechnology/Biology/Technical vocational subjects.
- Obtained at least 45% marks (42.75% in case of candidates belonging to reserved category) in the above subjects taken together.

Systems software developers work on operating systems which are crucial to software. This system determines the way the computer will work. When a new computer is manufactured the systems software engineer writes the code for the operating system and checks the computer functioning. Application software is a design program for specific use, i.e., it helps in the use of the computer.

- They research, develop and adapt application programs for computer systems. In other words they direct the computer and tell it what to do and how to function
 - Software Engineers create new program and perhaps, new languages. However, these two jobs can overlap and sometimes the same individual is responsible for both areas
 - System Programmers and Software Engineers find employment with software firms, computer manufacturers, large firms who use computers and develop their own programs
 - Systems Programmers and Software Engineers work either as individuals writing a program for one particular task or as part of a team to write a more complex and sophisticated program
 - Quality testing against appropriate pre-defined standards to ensure the program functions correctly
 - Create and adapt software
- Software jobs are in systems software and application software.



Career Prospects:

Earnings

2.15 Lakhs to 32.04 Lakhs per annum

(Salary data sourced from PayScale.com)

Earnings Details

Job openings for Software professionals is much high in the corporate sector than in public sector enterprises. Students can opt for different vacancies according to their interests in top IT companies. Professionals can join as junior programmer, database administrator, junior network manager etc in the initial stage.

They will be promoted to much senior levels with experience and proficiency. These professionals can also work in areas of software testing and system administration.

- Software Engineer
- Software Tester
- Project Manager
- Application Developer
- Software programmer
- Software Architect
- Software Developer
- Software Engineer
- Multimedia Programmer
- Network Administrator
- Network Analyst
- Network Systems Manager
- Database Administrator
- Database Manager
- Desktop Support Engineer



Recruiting Companies

- TCS.CTS.
- WIPRO.
- ACCENTURE.
- IBM.
- INFOSYS.
- MAHINDRA SATYAM.
- CAPGEMINI.
- IGATE PATNI COMPUTERS.
- BHEL (Bharat Heavy Electricals Limited)
- ONGC(Oil and Natural Gas Corporation)
- GAIL(Gas Authority India Ltd)
- HAL (Hindustan Aeronautics Limited)
- SAIL(Steel Authority of India)