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Godhatma Shaikshanik Bahuuddeshiya Sanstha's

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COMPUTER SCIENCE

Programme Outcomes

After completing B.SC (COMPUTER SCIENCE), the students are able to :

1. Web Developer :

- Individuals at this job are responsible for designing and maintaining web-based applications that include static and dynamic content. This includes the design, layout and coding of a website. They may work standalone or along with application/functional developers as part of the overall solution that includes a web-based component.
- The role is responsible for designing, coding and modifying websites, from layout to function and according to a client's specifications.

2. Office Assistant :

- Office Assistants are a vital part of any office. They may go by other related names, such as an Administrative Assistant or Secretary, but they all have one thing in common; their role is to support the staff members at hand and make sure everything runs smoothly behind the scenes.

3. Hardware Technician :

- This involves installing and updating desktops or laptops, ensuring software is working efficiently, and troubleshooting all IT issues within the company.
- Hardware technicians work for a variety of organizations that use computers. It is usually a full-time role typically performed in an office-based environment.

4. Desktop Application Developer :

- The Junior Software Developer is part of an agile development team building and working on enterprise grade software systems on top of the Microsoft .NET development stack. The Junior Software Developer is involved in all areas of development from design to development to testing.
- An entry-level software engineer, also called a junior engineer, works with a team of mid-level and senior engineers to develop, test, and maintain software applications and programs. ...
- As software engineers gain more years of experience, they work on more complex development projects.

5. Jr DBA :

- Monitor performance of database systems resources and query throughput. Optimize SQL Code as necessary. Monitor and maintain database storage resources.
- Monitor and maintain database maintenance plans for backups, index rebuild/defragment, and database statistics.

6. Software Developer :

- Modifying software to fix errors, adapt it to new hardware, improve its performance, or upgrade interfaces. Directing system testing and validation procedures. Directing software programming and documentation development.
- Consulting with departments or customers on project status and proposals. Working with customers or departments on technical issues including software system design and maintenance. Analysing information to recommend and plan the installation of new systems or modifications of an existing system.
- Consulting with engineering staff to evaluate software hardware interfaces and develop specifications and performance requirements. Designing and developing software systems using scientific analysis and mathematical models to predict and measure outcomes and design consequences.
- Preparing reports on programming project specifications, activities, or status. Conferring with project managers to obtain information on limitations or capabilities.

7. Software Engineer :

- A Software Engineer is an IT professional who designs, develops and maintains computer software at a company.
- They use their creativity and technical skills and apply the principles of software engineering to help solve new and ongoing problems for an organization.

8. System Analyst :

- Systems analysts analyze how well software, hardware and the wider IT system fit the business needs of their employer or of a client.
- They write requirements for new systems and may also help implement them and monitor their effectiveness.

9. Program Developer :

- Integrate software components and third-party programs. Verify and deploy programs and systems.
- Troubleshoot, debug and upgrade existing software. Gather and evaluate user feedback.

