



Fundamental Computing

Syllabus

- Evolution of Computers
- Parts of Computers
- Hardware Vs. Software
- RAMROM-Cache
- Factors of Computing Speeds
- Basics of Computer Networking,
- Basics of Internet

Outcomes of Fundamental Computing Short Term Program

- **Problem-solving: Computing** involves a lot of problem-solving, as you need to identify and fix errors in code. By learning how to code and troubleshoot errors, you develop critical thinking skills that can be applied to any situation.
- **Creativity:** Computing allows for endless possibilities when it comes to creating software or applications. By learning to code, you can develop your creative skills by imagining and building new and innovative solutions to problems.
- **Organization:** Organizing your code, files, and projects are essential for success in computing. By learning fundamental computing skills, you can develop a sense of organization and learn how to manage complex projects.
- **Communication:** In the computing world, communication is essential when it comes to collaborating with others or explaining complex ideas. By learning how to code, you can improve your communication skills and learn how to explain complex ideas in simple terms.
- **Adaptability: Computing** is a constantly evolving field, and staying up-to-date with the latest technologies and trends requires adaptability. By learning fundamental computing skills, you can develop the ability to adapt to new technologies and stay current with the latest developments.
- **Persistence:** Coding can be a challenging and frustrating process, but learning how to persevere through obstacles can be an invaluable life skill. By learning how to code, you can develop the persistence and resilience needed to overcome challenges and achieve your goals.

Registrar
SGT University,
Budhera, Gurugram