



SIT INTERNATIONAL

MARTBTR INSTITUTE OF TECHNOLOGY INTERNATIONAL



GOSSAIGAON, KOKRAJHAR BTR ASSAM



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Course Title: Basic Computer and IT **Fundamentals**

Course Duration: 12 months

Course Fees: INR. 6,000. **Eligibility: 8 Passed**

Month 1: Computer Basics

- What is a Computer?
- History & Generations of Computers
- Types of Computers
- Components of a Computer System (Hardware & Software)
- Input, Output, and Storage Devices
- What is Hardware? Types (Input, Output, Storage)
- What is Software? System Software vs **Application Software**
- Examples of Operating Systems (Windows, Linux)
- Introduction to Device Drivers

Month 2: Operating System

- Introduction to Windows Operating **System**
- Desktop, Taskbar, Start Menu, Icons
- Creating, Renaming, Moving, Deleting **Files and Folders**
- Installing and Uninstalling Programs
- Control Panel and System Settings

Month 3: IT Fundamentals

- Understanding hardware and software
- Input, output, and storage devices
- · Understanding system architecture and networking concepts
- · IT trends and emerging technologies

Month 4: Internet & Email

- What is the Internet?
- Browsers and Search Engines (Google,
- Creating and Managing Email (Gmail, Outlook)
- Email Etiquette
- · Downloading and Uploading Files

Month 5: Microsoft Office

- MS Word / Writer
 - o Creating, Saving, Formatting **Documents**
 - o Inserting Tables, Images, Page Layouts
- MS Excel / Calc
 - Basics of Spreadsheets
 - o Formulas & Functions
 - Charts and Tables
- MS PowerPoint / Impress
 - Creating Presentations
 - o Using Slides, Themes, Animations

Month 6: Graphic Designing

- Basics of design principles and color theory
- Introduction to graphic design tools (e.g., Canva, Photoshop, GIMP)
- Creating posters, banners, brochures, and social media content
- · Hands-on mini projects

Month 7: Web Development & **Programming Languages**

- Basics of HTML, CSS, and **JavaScript**
- Number systems and binary basics ATE, EMPOWER Introduction to website structure and design
 - Introduction to simple scripting (Python or JavaScript)
 - Creating a basic static website

Month 8: Cyber Security Basics & Safe Practices

- Creating strong passwords
- Identifying phishing or scam messages
- Government data privacy guidelines
- Digital ethics in public service





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Month 9: Practical Projects & Assessment

- Mini projects based on previous modules
- Individual and group tasks
- Practical assessments and presentations
- Peer reviews and instructor feedback

Month 11: Computer Hardware & **Troubleshooting**

- Comprehensive Exam (Theory + Practical)
- Mock Interviews
- Personality Development & Public **Speaking**
- CV Writing
- Job Portal Registration (Naukri, LinkedIn, etc.)

Month 10: Computer Typing & Office Skills

- Speed typing practice using tools
- Accuracy and formatting in documents
- Official communication (emails, memos, reports)
- Office etiquette and documentation

Month 12 : Final Project + Soft Skills & Career Guidance

- Capstone project combining learned
- Resume writing, interview preparation
- Communication and teamwork
- Career pathways in IT and computer science
- Freelancing and entrepreneurship basics

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