

৬৬৩ সিলেট
২০/০২/২০২২

Advanced ICT Course Hours-78, Day: 15th

1. Introduction and General Discussion 06 Hours
 - SDG, Delta plan, MDG
 - NIS
 - Blue Economics
 - Green Technology
 - E-garbage/E-Waste Management
 - Future Plan for Bangladesh
2. Computing Platform 3 Hours
 - Parallel Processing
 - Cloud Computing
 - Data Center
 - Virtualization
3. Learning Management System 10 Hours
 - Online Class Room
 - Collaborative Brain Storming (Google Jamboard)
 - Online meeting Service
 - Online Presentation (Google slides, Microsoft Sway. etc..)
4. Network Design and Client Server Model 06 Hours
 - Internet Service Provider (ISP)
 - Types of Internet Connection
 - Hierarchical design model for LAN
 - OSI, TCP/IP Model
 - IPV4 and IPV6
 - Server Types
 - DNS Server
 - Mail Server
 - Web Server
 - FTP Server
5. Web and mobile apps development 12 Hours
 - PHP and Database (MySQL)
 - Domain, Hosting and C-Panel
 - Introduction to mobile apps development
6. Information and Cyber Security 04 Hours
 - Cyber Security & Ethics
 - ICT laws
 - Types of common Cyber attack
 - Basic Precaution to prevent Cyber attacks
 - Digital Certificate and digital Signature

৬৬৩ সিলেট
২০/০২/২০২২

7. Most Modern Concepts of IT field

06 Hours

- Artificial Intelligence (AI)
 - Introduction to AI
 - Key Development in AI
 - Future of AI
 - Introduction to Robots and Robotics
 - Expert Systems
- Biometrics
- Bio- Informatics
- Robotics
- Cryosugery
- Virtual Reality (VR)

8. Graphics Design.

08 Hours

- Introduction to Graphics design software and Working tools.
- Working with basic and advanced tools
- Working with layer and Transparency palette

9. Boolean Algebra and Digital logic

06 Hours

- Overview of Boolean logic and Logic Circuit
- Karnough-map Solution
- Adder
- Encoder
- Decoder

10. Programming in C

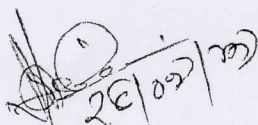
12 Hours

- Introduction of C
- C Tokens
- I/O Statements
- Conditional statements
- Control statement and loops
- Functions in C

11. Outsourcing & Freelancing

- Introduction to Freelancing
- Discussions on different types of freelancing jobs or business
- Choosing the right freelancing business
- Freelancing full and part-time
- Making money by Freelancing
- Joining different freelancing job sites
- Building an excellent profile
- Finding work & submitting proposals
- Completing interview
- Doing the work & getting paid
- Payment System

0.2Hours



2. Powerpoint

Tables

- Creating a table slide
- Changing row height/column width
- Inserting/deleting rows/columns
- Applying borders and shading

Graphs

- Creating graphs i.e. column, pie
- Modifying and formatting graphs

Importing and Exporting

- Importing and exporting between Word and PowerPoint
- Importing and exporting between Excel and PowerPoint
- Inserting slides from other presentations

Working with Objects

- Drawing and modifying lines/shapes/text boxes
- Aligning objects
- Rotating & flipping objects
- Grouping & ungrouping objects

Templates and Masters

- Creating and modifying templates
- Working with slide masters
- Modifying backgrounds and colour schemes

Interactive Slide Shows

- Creating action buttons
- Inserting hyperlinks

Multimedia Automation

- Adding animated pictures
- Adding sounds
- Adding videos/movies
- Playing a CD

Transitions and Animation

- Adding slide transitions
- Using and changing preset animation
- Using custom animations

Setting Up a Slide Show

- Create agenda and summary slides
- Rehearse timings
- Creating custom shows
- Slide set up options
- Creating self running presentations
- Package to a CD

04 Hours

 20/12/20

 20/12/20