Database & Additional Skills

MySQL
- Introduction of MySQL
- MYSQL Installation (XAMPP)
- Joins & Functions
- Indexes & Constraints
- Subqueries

Git & GitHub
- Introduction to Git and GitHub
- Git and GitHub Basics
- Commands
- Subqueries

Web Hosting
- Introduction of Web Hosting
- About of Domain Name
- Backend Hosting
- Create Database
- File Upload Hosting
- Common Errors

DIGITAL MARKETING

Module-1
- Introduction of Digital Marketing
- Importance & Scope
- Website Planning HTML, CSS, JavaScript
- Web Hosting
- Search Engine Optimization (SEO)
- Keyword Research
- On-page & Off-page SEO
- Technical SEO
- SEO Tolls and Analytics

Module-2
- Content Marketing
- Blog Writing
- Video Marketing
- Content Distribution
- Social Media Marketing
- Social Media Strategies
- Creating Engaging Content
- Paid Advertising on Social Media
- Analytics and Performance Measurement

Module-3
- Email Marketing
- Building and Email List
- Creating Effective Email Campaign
- Pay-Per-Click Advertising
- Introduction PPC
- Google Ads and Bing Ads
- Digital Marketing Strategies
- Customer Journey Mapping

English Spoken - (Personality Development)

Module-1
- Introduction to English Language
- Subjects-verb agreement i.e. Sentences Structure
- Formation of Simple Sentences
- Everyday Vocabulary
- Making Polite Requests with Modal Verbs
- Talking about Place and Time with Prepositions
- Tenses & Functional Language

Module-1
- Usage of idioms, phrases & proverbs
- Grammar for Formation and usage of Complex Sentences
- Building Powerful Vocabulary
- Voice and Accent
- Communication Skills
- Personality Development
- Group Discussions
- Presentation skills & Grooming
- Knowing your Personality Type
- Mock Interview
- Do's and don'ts of interview

Module-3
- Public Speaking and Group Discussion
- Video-Recording of your Group Discussion (GD)
- Types of Interviews
- Handling Tricky Questions
- Interpersonal Skills
- Speak and Write English with Confidence using advance Vocabulary
- Goal Oriented Activities
- Time Management Skill
- Body Language

JOB PROFILES:-

Once the Students Complete this A.I.T Expert Course they will be Exposed to various job: -

Hardware Engineer, PC Support Engineer, Desktop Support Engineer, Tech Support Specialist Network Administrator, System Administrator on Windows Server, Frontend Developer, Backend Developer, Full-Stack Developer, Social Media Manager, Content Marketing Manager, Email Marketing Specialist, Copywriter, Video Marketing Specialist, Growth Marketer Etc.

Advanced I.T. EXPERT - 2026

DCHN — Diploma in Computer Hardware & Networking

BASIC COMPUTER

BASIC FUNDAMENTALS
- Paint & Extensions
- Notepad & WordPad
- Snipping Tools

INTERNET
- Use of Internet
- Creation of Mail ID
- Browsing & Downloading

MS-WORD
- Create & Formatting Docs.
- Letter & Resume Creation
- Tabs Customization
- Smart Arts
- Formatting Tabular Formats
- Mail Marge, etc.

MS-EXCEL
- Performing Calculation
- Analysis Data
- Reviewing Data
- Pivot Tables Scenarios
- Data Validations use
- Goal Seek & Filters, etc.

MS-POWER POINT
- Creating Impressive Presentation
- Setting of Slid Show
- Hyperlink with Documents
- Different Effect on Slides
- Video Presentation, etc.

HARDWARE (A+)
- What is Computer
- Types of Computers
- Generations of Computer
- Computer Components Identification
- Computer Assembling & Disassembling
- Components in Portable Computer
- Devices Installation and Configuration
- Common IDE, SATA, SCSI and Peripheral Devices
- Types of Motherboards and their Components
- Popular CPU Chips
- Types of Memory (RAM, ROM) DDR1, DDR2, DDR3, DDR4 & 5
- Types of HDD & SSD
- Types of Monitors
- Types of Keyboards & Mouses
- Printer Technologies, interface and options / upgrades
- Troubleshooting Common Computer Problems

OPERATING SYSTEM
- What is O.S.
- Software Execution
- O.S. Structures
- Process Management
- Memory Management
- Memory Allocations
- Virtual Memory
- IO Management
- Disk Management
- File System Interface
- File System Implementation
- File System Management
- Windows & Linux Installation & Upgradation
- User & Group Management
- Software Installations & Uninstallation
- Windows Drivers Installation
- Control Panel Management
- Data Recovery & Data Security
- Troubleshooting Common Operating System Problems

NETWORKING (N+)
- Introduction of Networking
- Network vs Networking
- Purpose & Functions of Various Network Devices
- LAN / CAN / MAN / WAN Operation and Features
- Explain Network Topologies
- Explain Network Protocols
- OSI Model vs DOD Model
- IP Addressing Scheme
- Private & Public IP Addresses
- Transmission Basics and Networking Media
- UTP & STP Color Coding, Cabling
- Topologies & Ethernet Standards
- WAN & Remote Connectivity
- Folder & File Sharing
- Internet & Wireless Networking
- In-Depth TCP/IP Networking
- Network Security, Firewall
- Troubleshooting Networking Problems

CCNA – Cisco Certified Network Associate
- Describe the Purpose & Functions of various Network Devices
- IP Addressing, Subnetting & VLSM
- Configure and Verify VLANs
- Basic Routing Concepts
- Boot Process of Cisco IOS Routers
- Utilization of the CLI to Set Basic Router Configuration
- Routing Configuration for a Static or Default Route
- Configuration & verify RIP Basics RIP version 1 & RIP version 2
- Configuration & verify OSPF (Single Area)
- Configuration & verify EIGRP (Single AS)
- Configure & Verify DHCP, ACL, NAT and PAT (IOS Router)
- Identify & Correct Common Network Problems
- Configuration & verify a PPP Connection between Cisco Routers
- Configuration & verify a basic WAN serial Connection
- Configuration & verify Frame-Relay on Cisco Router
- Troubleshooting & Monitoring

Full-Stack — Web Development – Roadmap Frontend & Backend Technologies

HTML - 5
- Introduction of HTML
- Structure of Webpages (HTML Tages & Elements)
- Semantic HTML (Header, Footer, Article, Section)
- Forms & Tables
- Media Elements (audio, video, image)
- HTML Best Practices

CSS
- Introduction of CSS
- CSS Selectors & Specificity
- Box Model, Display, Position
- Flexbox
- Responsive Design (Media Queries)
- Units (px, rem, em, vh, vw)
- CSS Transitions & Animations

Java Script
- Variables, Data types
- Functions, Arrow Functions
- Arrays & Objects (map, filter, reduce)
- Loops, Conditionals
- Dom Manipulation
- Events (click, input, etc.)
- Promises, Async / Await
- Error Handling

Boot Strap
- Introduction of Bootstrap
- Advantage of Bootstrap
- Grid System
- Utility Classes
- Navbar, Cards, Forms
- Modals, Buttons, Alerts
- Responsive Design

PHP
- Basic Syntax
- Variable & Functions
- Form Handling
- Sessions & Cookies
- CRUD with MySQL
- PHP Security Basics
- Error Handling

Laravel
- Introduction of Laravel
- Routing
- Controllers
- Blade Templates
- Authentication
- Validation
- File Upload