Online Classes

***Web & Software Training***

* Responsive Web ***Design***
* Web ***Development***
* ***Apps*** Development
* ***MERN*** Stack Development
* ***Python***

**Responsive Web Design**

1. **Classes:**  *(six months = (2 hours a Day, 2 Days in a Week))*

|  |  |  |
| --- | --- | --- |
| Features | Professional | Standard |
| Classes | 48 | 32 |
| Projects | 10+ | 6+ |
| Marketplaces | 4 | 3 |
| PSD to HTML | Yes | Yes |
| Figma to HTML | Yes | Yes |
| XD to HTML | Yes | No |
| Email Signature | Yes | No |
| jQuery Plugins | 25+ | 15+ |

1. **Course Module, Prerequisites, Marketplace**

|  |  |
| --- | --- |
| * Course Module  1. HTML5 2. CSS3 3. Design To HTML 4. CSS3 Animation Effect 5. JavaScript 6. jQuery 7. Bootstrap Latest Version 8. Marketplace Related Classes 9. Exams 10. Final Project | * Prerequisites * Basic Knowledge of Using Computer * Software Taught * Web Browser * VS Code * Adobe Photoshop * Web Server * Marketplace * Fiverr * Freelancer * Themeforest * PeoplePerHour |

1. **Career Opportunity**

Here is a list of possible job opportunities for the software developers, designers who will complete the course. After completing the course and handling all project works, it is possible for students to build one strong portfolio and can apply for jobs that are open for recruitment. It is possible both in local and in international marketplaces. And our job placement cell will be there with all the supports, guidelines and grooming sessions for students. Thus it will help them to get confidence and flourish in the digital arena. The opportunities are as follows-

* Web Designer
* Front-End Developer

**Professional Web Development**

***About The Course***

Web Development consists of two segments: front end development and backend development.

* Front-end: Front-end Developers work with visual designs of a website and build the sites using code. The front end developer builds the structure of a website using ***HTML***, then change the layout using ***CSS*** and sometimes uses ***javascript*** too.
* Backend: Backend developers work with more advanced issues. They work with ***API*** (Application Programming Interfaces), ***CGI*** programs and sometimes script like ***PHP***. Websites ***functionality*** is their main concern.

1. **Classes:**  *(six months = (2 hours a Day, 2 Days in a Week))*

|  |  |
| --- | --- |
| * Course Module:  1. Concept Of Static & Dynamic Website 2. Raw PHP Coding 3. Object Oriented Programming (OOP) PHP 4. Dynamic Website Development 5. Admin Panel Integration 6. Laravel PHP Framework 7. Ajax 8. Payment Gateway 9. Final Project | * Prerequisites * Basic Knowledge of Using Computer * Basic Knowledge of Web Design * Software Taught * Atom * VS Code * Sublime Text * XAMPP * Web Browser * Duration * Duration: 6 Months * Marketplace * Freelancer * Fiverr * Codecanyon |

1. **Career Opportunity:** The opportunities are as follows-

* **Web Application Developer**
* **Web Developer**
* **Backend Developer**
* **Backend Engineer**

**ANDROID Apps Development**

***About The Course***

The more people buying smartphones, the more the necessity of workable apps. It proves that learning app development is a pretty good career choice today. Start learning from the best in the industry and be your own boss.

1. **Classes:**  *(Five months = (2 hours a Day, 2 Days in a Week))*

|  |  |
| --- | --- |
| * Course Module:  1. Introduction To Java Programming 2. Language Fundamentals 3. Core Collection Classes 4. Packages 5. Exception Handling 6. Android Components 7. Content Providers & Location Services 8. Multimedia & Deployment | * Prerequisites * Basic Knowledge of Using Computer * Software Taught * Android Studio * Netbeans * Duration * Marketplace * NAN |

1. **Career Opportunity:** The opportunities are as follows-

* Android Application Developer
* Java Application Developer
* Framework Designer
* Soft. Arch. Dev

**MERN Stack Development**

***About The Course***

Now is the time when everything is shifting rapidly towards the web. Here JavaScript has come a long way to become the first choice of programming language for your startup. It has a significant presence in the industry. You will have an incredible number of resources, libraries, tutorials, best practices and so much more right at your fingertips.

1. **Classes:**  *(One Year = (2 hours a Day, 2 Days in a Week))*

|  |  |
| --- | --- |
| * Course Module:  1. Concept of Web Design 2. Bootstrap,Materialize,Semantic UI 3. SCSS 4. Concept of ECMAScript 5. DOM Manipulation 6. Object-Oriented Programming 7. Asynchronous Programming 8. Hard Part Of JavaScript 9. Deep JavaScript 10. **React and React Native** 11. **Redux with React** 12. **React Router** 13. **Hooks** 14. **Styled Component** 15. **React Animation** 16. Node JS 17. Express JS 18. Template Engines 19. Rest Api 20. GraphQL 21. MongoDB 22. MySQL 23. Firebase 24. Socket.io | * Prerequisites * Basic ***Computing*** is Must * Basic ***Browsing*** is Must * 5-6 Hours Practice Time is Must * Core i3,RAM 8GB,SSD * Basic ***HTML*** is Plus * Basic ***JavaScript*** is Plus * Software Taught * Atom * VS Code * Android Studio * Marketplace * NAN |

1. **Career Opportunity:** The opportunities are as follows-

* Front-End Developer
* Backend Developer
* Full Stack Developer
* MERN Stack Developer
* App Developer

**Python Development**

***About The Course***

Python is a popular programming language and in a very short time, it is creating hype world wide. The main reason for its growing demand is because it is used for multiple purposes ranging from ***web*** ***development*** to ***data*** ***science*** to ***DevOps*** and it’s worth understanding what particular applications of Python have recently become more common.

1. **Classes:**  *(Six months = (2 hours a Day, 2 Days in a Week))*

|  |  |
| --- | --- |
| * Course Module:  1. Concept of Static & Dynamic Website 2. Raw PYTHON Coding 3. Object-Oriented Programming (OOP) 4. Dynamic Website Development 5. Admin Panel Integration 6. Django Framework 7. Final Project | * Prerequisites * No prerequisite is required anyone from any background can continue this course. * Software Taught * Pycharm * Atom * VS Code * Web Browser * Marketplace * NAN |

1. **Career Opportunity:** The opportunities are as follows-

* Software Engineer
* Backend Developer
* Backend Engineer
* Python developer
* Django developer

***Cyber Security Training***

* Cyber Security: “Ethical Hacking”

**Cyber Security: “Ethical Hacking”**

***About The Course***

I think you are already familiar with the term “***Ethical Hacker***”. It’s a system where a company appoints hackers who try to find out the possible ***security threats*** and then ***remove*** and ***ensuring*** the companies ***security*** and also ***protect*** from ***outside*** ***attackers***. Large companies having big servers with massive collection of data are constantly looking for such ethical hackers to make them unexploited.

The Cyber Security course will significantly benefit you directing the progressive concepts on Ethical hacking such as *corporate* *intelligence*, *Vulnerability* *assessment*, *penetration* testing, *exploit* *writing*, *reverse* *engineering*.

* Who can join: Security officers, auditors, security professionals, site administrators, anyone who is concerned about the integrity of the network infrastructure and individuals who have highly pensionate about hacking.

1. **Classes:**  *(Four months = (2 hours a Day, 2 Days in a Week))*

|  |  |
| --- | --- |
| * Course Module:  1. About The Course 2. Course Module 3. Introduction to Ethical Hacking 4. Footprinting and Reconnaissance 5. Scanning Networks 6. Enumeration 7. Vulnerability Analysis 8. System Hacking 9. Malware Threats 10. Sniffing 11. Social Engineering 12. Denial of Service 13. Session Hijacking 14. Evading IDS, Firewalls, and Honeypots 15. Hacking Web Applications 16. SQL Injection 17. Hacking Wireless Networks 18. Hacking Mobile Platforms 19. IoT Hacking 20. Cloud Computing 21. Cryptography | * Prerequisites * Basic Knowledge on Using Computer * Software Taught * Netcraft * Dnsdumpster * Nmap * Metasploit * Ngrok * Wireshark * Setoolkit * LOIC * HTTrack * Burp Suite * Acunetix * Sqlmap * Wifite * Aircrack-ng * Shodan * Steghide * Hash-identifier * Marketplace * Hacker One * Bug Crowd * Openbugbounty * Fiverr * Upwork |

1. **Career Opportunity:** The opportunities are as follows-

|  |  |  |
| --- | --- | --- |
| * Ethical Hacker * Information Security Engineer * IT Security Specialist * IT Security Consultant * Network Security Specialist | * Security Administrator * Penetration Tester * Site Administrator * IT Auditor * Computer Forensics Analyst | * Information Security Engineer * Cyber Engineer * Data Security Analyst |

OPTIONAL:

***Networking Training***

* CompTIA A+
* CCNA
* CCNP
* MikroTik
* Red Hat Server
* Windows Server 2016

**CompTIA A+**

***About The Course***

Python is a popular programming language and in a very short time, it is creating hype world wide. The main reason for its growing demand is because it is used for multiple purposes ranging from ***web*** ***development*** to ***data*** ***science*** to ***DevOps*** and it’s worth understanding what particular applications of Python have recently become more common.

1. **Classes:**  *(Two months = (3 hours a Day, 2 Days in a Week))*

|  |  |
| --- | --- |
| * Course Module:  1. Hardware 2. Operating Systems 3. Others Operating Systems (Mac, Linux, Ios) 4. Software Troubleshooting 5. Networking 6. Hardware & Network Troubleshooting 7. Security 8. Mobile Devices 9. Virtualization & Cloud Computing 10. Operational Procedures 11. Marketplace 12. Corporate Company Area 13. Bank 14. Airlines 15. Data Center 16. Internet Service Provider | * Prerequisites * No prerequisite is required anyone from any background can continue this course. * Software Taught * Pycharm * Atom * VS Code * Web Browser * Marketplace * Upwork * Fiverr |

1. **Career Opportunity:** The opportunities are as follows-

The career opportunity in CompTIA A+ is demanding all over the world. The growth of about six percent is expected in the employment of System Support engineers, from 2016 to 2026. The demand for System Support engineers has increased over the last decade as companies have expanded their IT networks. ... Many companies also require candidates to have specific IT professional certifications.

A System Support engineers normally assists & responsible with the management and maintenance of the communication system, such as. providing support & Maintains company applications Software company Hardware, internal & external Network , IP phone switches ,servers, user desktops, cloud & Virtualization, CCTV ,fingerprint Linux base network, windows server base network Mac base network & troubleshooting etc

* IT Executive
* System Support Engineer
* Junior network Engineer
* Help desk Executive
* The certified professionals have deep knowledge over Network & server management and security, hardware and network troubleshooting, firewalls and router management, etc. more than *those who have long term service experience but don’t have professional certificates*.

**Cisco Certified Network Associate (CCNA 200-301)**

***About The Course***

The Cisco CCNA network associate certification validates the ability to install, configure, operate, and troubleshoot medium-size routed and switched networks, including implementation and verification of connections to remote sites in a *WAN*. This new curriculum includes basic mitigation of *security* *threats*, introduction to *wireless* *networking* *concepts* and *terminology*, and performance-based skills. This new curriculum also includes (but is not limited to) the use of these protocols: *IP*, *Enhanced* *Interior* *Gateway* *Routing* *Protocol* (EIGRP), *Serial Line Interface Protocol Frame Relay*, *Routing Information Protocol Version 2 (RIPv2)*, *VLANs*, *Ethernet*, *access* *control* *lists* (*ACLs*), *IPv6* etc.

1. **Classes:**  *(Three Months = (3 hours a Day, 2 Days in a Week))*

|  |  |
| --- | --- |
| * Course Module:  1. Router, Switch, Hub, Brouter, Bridge 2. Network Connectivity 3. OSI Model 4. TCP/IP networks 5. IP Addressing (IPV4 & IPV6) 6. Sub Netting 7. VLSM 8. Router Basic 9. Static Routing 10. Dynamic Routing (RIPV1 & RIPV2) 11. EIGRP 12. OSPFv1 & OSPFv2 13. BGP 14. DHCP & Telnet 15. ACL 16. NAT 17. Switch 18. STP 19. VLAN 20. VTP and Inter VLAN 21. HSRP, VRRP, GLBP 22. Frame Rellay 23. Final Project | * Prerequisites * Basic Computer Literacy * Windows Navigation Skills * Basic Internet Usage Skills * Software Taught * Pycharm * Atom * VS Code * Web Browser * Marketplace * Corporate Company Area * Internet Service Provider * Bank * Airlines * Data Center * ITS * ICX * IGW * IIG * Upwork * Fiverr |

1. **Career Opportunity:** The opportunities are as follows-

* Associate Network Engineer
* CCNA Exam Candidates

**Cisco Certified Network Professional (CCNP - Routing & Switching)**

***About The Course***

Cisco Certified Network Professional (CCNP) ROUTING and SWITCHING certification validates the ability to plan, implement, verify and troubleshoot local and wide-area enterprise networks and work collaboratively with specialists on advanced security, voice, wireless and video solutions.

1. **Classes:**  *(Five months = (3 hours a Day, 2 Days in a Week))*

|  |  |
| --- | --- |
| * Course Module:  1. Course Module - 300-101 ROUTE Implementing Cisco IP Routing (ROUTE) 2. EIGRP 3. NEIGHBOR SHIP RELATED TUNNING 4. TOPOLOGY TABLE TUNNING 5. ROUTING TABLE TUNNING 6. EIGRP NAMED Mode 7. FILTERING 8. OSPF 9. Fundamental 10. Building the OSPF Neighbor ship 11. Building the OSPF Topology 12. BGP 13. Fundamental 14. IBGP Neighbor Ship 15. EBGP Neighbor ship 16. Fundamental of IPV6 17. Dynamic Routing Protocol(RIPng,EIGRP,OSPFv3,BGP) 18. Tunneling 19. Policy Base Routing 20. Course Module - 300-115 SWITCH Implementing Cisco IP Switched Networks (SWITCH) 21. Switch Operation 22. Enterprise Campus Network Design 23. VLAN 24. NATIVE VLAN 25. VTP 26. VTP PRUNING 27. ETHERCHANNEL 28. HSRP (Practical) 29. VRRP (Practical) 30. GLBP (Practical) 31. Advance Spanning tree Protocol 32. CSTP 33. PVST 34. PVST+ 35. RSTP 36. MSTP 37. Securing switch Access 38. CAM table overflow 39. Port Base Security 40. Port Base Authentication | 1. STP ATTACK 2. MIDDLE ATTACK 3. DHCP Spoofing 4. Dynamic ARP Inspection 5. IP Spoofing 6. Course Module - 300-135 TSHOOT Troubleshooting and Maintaining Cisco IP Networks (TSHOOT) 7. Troubleshoot EIGRP 8. Troubleshoot OSPF 9. Troubleshoot eBGP 10. Troubleshoot routing redistribution solution 11. Troubleshoot a DHCP client and server solution 12. Troubleshoot NAT 13. Troubleshoot first hop redundancy protocols 14. Troubleshoot IPv6 routing 15. Troubleshoot IPv6 and IPv4 interoperability 16. Troubleshoot switch-to-switch connectivity for the VLAN based solution 17. Troubleshoot loop prevention for the VLAN based solution 18. Troubleshoot Access Ports for the VLAN based solution 19. Troubleshoot private VLANS 20. Troubleshoot port security 21. Troubleshoot general switch security 22. Troubleshoot VACL and PACL 23. Troubleshoot switch virtual interfaces (SVIs) 24. Troubleshoot switch supervisor redundancy 25. Troubleshoot switch support of advanced services (i.e., Wireless, VOIP and Video) 26. Troubleshoot a VoIP support solution 27. Troubleshoot a video support solution 28. Troubleshoot Layer 3 Security 29. Troubleshoot issues related to ACLs used to secure access to Cisco routers 30. Troubleshoot configuration issues related to accessing the AAA server for authentication purposes 31. Troubleshoot security issues related to IOS services 32. Concept of Static & Dynamic Website 33. Raw PYTHON Coding 34. Object-Oriented Programming (OOP) 35. Dynamic Website Development 36. Admin Panel Integration 37. Django Framework   Final Project |
| * Prerequisites * CCNA Routing & Switching * Windows Navigation Skills * Software Taught * Pycharm * Atom * VS Code * Web Browser * Marketplace * Corporate Company Area * Internet Service Provider * Bank * Airlines * Data Center * ITS * ICX * IGW * IIG | |

1. **Career Opportunity:** The opportunities are as follows-

* Sr. Network Engineer
* CCNP Exam Candidates
* Upwork
* Fiverr

**ISP Setup And Administration Using MikroTik (MTCNA, MTCRE)**

***About The Course***

This training course will provide you with the skills to configure a ***MikroTik*** ***RouterOS*** Router board as a dedicated router, a bandwidth manager, a ***secure*** ***firewall*** ***appliance***, a simple ***wireless*** ***access*** ***point***, a ***VPN*** ***Server*** or ***Client*** or an ***Internet*** ***Hotspot*** concentrator etc. It is a course that covers the basics for those that new to ***MikroTik*** ***Router*** ***OS*** (or is struggling to understand it!) and concentrates on the basics of setting up a MikroTik device. .

1. **Classes:**  *(One month = (2 hours a Day, 2 Days in a Week))*

|  |  |
| --- | --- |
| * Course Module:  1. IP Addressing 2. Subnetting 3. After successfully completing the course attendees will be able to installing and upgrading the RouterOS 4. First login to the RouterOS using RouterBOARD 5. Creating a simple network 6. Static IP addressing and routing 7. Basic dynamic routing using OSPF 8. Creating a DHCP server and client 9. Firewall filters and NAT rules 10. Various VPN Tunnel types 11. Simple queues for bandwidth control 12. Hotspot configuration 13. Wireless networks 14. Web proxy for URL Filtering control and caching and The Dude. | * Prerequisites * No prerequisite is required anyone from any background can continue this course. * Software Taught * Pycharm * Atom * VS Code * Web Browser * Marketplace * All Corporate Company Area * Internet Service Provider * Bank * ITS * ICX * IGW * IIG |

1. **Career Opportunity:** The opportunities are as follows-

* System Support Engineer
* Support Engineer
* Network Engineer
* Senior Network Engineer

**Red Hat Server – Linux**

***About The Course***

This course will cover all aspects of RHCSA- Red Hat Certified System Administrator & RHCE- Red Hat Certified Engineer Certification and the basics of Linux in detail. This course is also designed for those new bees in ***Linux***, ***Technocrats***, ***Linux*** ***Administrator***, ***Windows*** ***Administrator***, who want to make the best of ***Linux*** ***capabilities*** in ***IT*** ***organizations***. This course is completely targeted for industrial Environment with In Detailed Practical Approach to LINUX.

During this course, you will be exposed to Such Linux Capabilities Which are essential for building a great secured Linux Corporate Server Environment.

1. **Classes:**  *(Three Months = (3 hours a Day, 2 Days in a Week))*

|  |  |
| --- | --- |
| * Course Module:  1. SETUP 2. TEXT EDITING TOOLS 3. USER AND GROUP 4. PERMISSION AND OWNERSHIP 5. ACL 6. STICKY BIT 7. KERNEL UPDATE 8. NETWORK CONFIGURATION 9. PASSWORD BREAK 10. NTP 11. CRONTAB 12. PETITION 13. PACKAGE INSTALL 14. YUM SERVER 15. LDAP, SCP 16. RUN LEVEL SAMBA Server 17. WEB Server NFS Server 18. ISSCSI, FIREWALL 19. SSH 20. SCRIPTING 21. MARIADB | * Prerequisites * Basic Computer Literacy * Basic Internet Usage Skills * Software Taught * Pycharm * Atom * VS Code * Web Browser * Marketplace * Corporate Company Area * Internet Service Provider * Bank * Data Center * Career Opportunity * Systems Engineer * Systems Administrator * Online Marketplace * Upwork * Fiverr   Certification   * RHCSA [Red Hat Certified System Administrator] [ 8.0 ] * RHCE [Red Hat Certified Engineer][ 8.0 ] |

1. **Career Opportunity:** The opportunities are as follows-

* Software Engineer
* Backend Developer
* Backend Engineer
* Python developer
* Django developer

**Microsoft Windows Server 2016**

***About The Course***

The MCSA (Microsoft Certified Solutions Associate) certification is a globally-recognized way to validate and promote your professional-level IT knowledge, competence, and ability. Windows Server 2016 Course is an Intermediate Level certification that enables candidates to monitor and manage Windows Server 2016 operating system and other related activities. This course is the first step towards your path to becoming a Microsoft Certified Solutions Expert.

1. **Classes:**  *(Six months = (2 hours a Day, 2 Days in a Week))*

|  |
| --- |
| * Course Module:  1. Module 1: Installing, upgrading, and migrating servers and workloads 2. Module 2: Configuring local storage. 3. Module 3: Implementing enterprise storage solutions. 4. Module 4: Implementing storage spaces and data duplications. 5. Module 5: Installing and configuring Hyper-v and virtual machines. 6. Module 6: Deploying and managing windows server and Hyper-v containers. 7. Module 7: Overview of high availability and disaster. 8. Module 8: Implementing and managing failover clustering. 9. Module 9: Implementing failover clustering for hyper-v virtual machines. 10. Course Module 70-741 11. Module 1: Planning and implementing an IPV4 network 12. Module 2: Implementing DHCP 13. Module 3: Implementing IPV6 14. Module 4: Implementing DNS 15. Module 5: Implementing and managing IPAM 16. Module 6: Remote access in windows server 2016 17. Module 7: Implementing Direct Access 18. Module 8: Implementing VPNs 19. Module 9: Implementing NETWORKING FOR Branch offices 20. Module 10: Configuring advanced network features 21. Module 11: Implementing software-defined networking 22. Course Module 70-742 23. Module 1: Installing and configuring domain controllers 24. Module 2: Managing objects in AD DS 25. Module 3: Advanced AD DS infrastructure management 26. Module 4: Implementing and Administrating AD DS sites and replication 27. Module 5: Implementing Group Policy 28. Module 6: Managing user settings with Group policy 29. Module 7: Securing Active Directory domain services 30. Module 8: Deploying and managing ADDS 31. Module 9: Deploying and managing certificates 32. Module 10: Implementing and Administrating AD FS 33. Module 11: Implementing and Administrating AD RMS 34. Module 12: Monitoring, managing and recovering AD DS 35. Concept of Static & Dynamic Website 36. Raw PYTHON Coding 37. Object-Oriented Programming (OOP) 38. Dynamic Website Development 39. Admin Panel Integration 40. Django Framework   Final Project |