

CAREER ORIENTED  
PROGRAM

ASIT™

# CERTIFIED NETWORK ARCHITECT

CNA -103



**COURSE DURATION**

**90 DAYS**



**COURSE FEE**

**49, 500/- (EASY INSTALLEMENTS)**



**BATCH STRENGTH**

**30 STUDENTS PER BATCH**



**WHAT YOU GET**

**REAL TIME PROJECT**



**ADD ON**

**APTITUDE 360 WITH  
PERSONALITY GROOMING**



**TRAINERS**

**Mr. ANCHAL KUMAR YADAV  
Mr. NAROTTAMA SAHOO**

# Overview

The Internet is one of the most predominant examples of internetworking, which is the practice of connecting multiple networks. Certificates in Network Architect prepare students to tackle the complexity of installing and managing a secure and reliable group of networks. Students learn about the various technologies, protocols and equipment used to integrate groups of networks; coursework addresses local area networks (LANs), intranets, implementation issues and concepts in network architecture. Learners gain skills in electrical signals, line coding and the theory of data communications for internetworking environments.

Students develop the skills required to design and install a complex body of networks through training that educates them in theoretical and practical knowledge of data communication, routing protocols and security. Programs may include the following courses:

- Network Architecture and Data Communication
- Accessing wide area networks (WANs)
- Networking fundamentals
- LAN switching and wireless
- Applied computer networking

#### Required Education

Bachelor's degree (usually in software engineering, computer science or information systems/Electronics and Communication)

#### Other Requirements

Proficiency in English

#### Projected Job Growth (2016-2017)

April 2016, CISCO's 665 Cr. India's Digital Push to fund start-up and create jobs for 2.5 Lakhs Fresher's. This will lead to digital acceleration and create Jobs in parallel in all major IT Sectors. Bangalore will witness Exponential demand for Network professionals.

#### Median Annual Salary (2015)

Rs 14,06,209 CTC (For CCIE Certified Internetwork Expert)

A network engineer is responsible for supervising the entire computer network of a company. They are responsible for making sure the systems are functioning as intended. A network engineer must link all computers with the central computer and ensure that all programs and files are available to each computer as necessary. They must also link the computers to machines such as fax machines, printers, and telephones. Communication device management such as cellular phone maintenance also falls under this job description. The network engineer is responsible for developing, installing, updating, and maintaining everything associated with the network including upgrading software and hardware and incorporating new devices.

# Network Architect Job Info

## Job Description

Responsible for designing, organizing, modifying, installing, and supporting a company's computer systems. Designs and installs LANs, WANs, Internet and intranet systems, and network segments.

## Responsibilities

- Establishes network specifications by conferring with users; analyzing workflow, access, information, and security requirements; designing router administration, including interface configuration and routing protocols.
- Establishes network by evaluating network performance issues including availability, utilization, throughput, goodput, and latency; planning and executing the selection, installation, configuration, and testing of equipment; defining network policies and procedures; establishing connections and firewalls.
- Maintains network performance by performing network monitoring and analysis, and performance tuning; troubleshooting network problems; escalating problems to vendor.
- Secures network by developing network access, monitoring, control, and evaluation; maintaining documentation.
- Prepares users by designing and conducting training programs; providing references and support.
- Upgrades network by conferring with vendors; developing, testing, evaluating, and installing enhancements.
- Accomplishes organization goals by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments.



# Network Architect Requirements and Qualifications

## Education Requirements

While some advanced positions may require graduate degrees, most network architects hold bachelor's degrees. Aspiring network architects often major in software engineering, computer science, math, or information systems. A Bachelor of Science in Electronics Engineering program typically prepares students for positions in network architecture. Curricula typically focus on technical training, computer science theory, and computer systems development. Courses may include:

- Networking Fundamentals
- Cisco Certified Network Associate
- Cisco Certified Network Professional
- Server Administration
- Ethical Hacking
- Virtualisation
- Network Security



# Qualifications

According to April 2015 Naukri.com job listings for network architects, employers typically require applicants to have advanced proficiency in Network Fundamentals, LAN, Wan, CCNA and CCNP. Some architects demonstrate expertise in such products by earning program-specific certification. Strong communication, analysis, and problem-solving skills are also required for a career in Network architecture. Those who demonstrate leadership skills and business savvy may have the best chances of advancement.

## Why Should you Take This Course?

This course would be the trend setter for the year 2016-2017

Course is framed to bring about 100% placements within a limited time frame.

This course will equip students with the skills and knowledge necessary to accomplish their career aspiration.

The course is a fast paced, keeping the urgency of fresher's in mind.

Course is fully packed with Aptitude and Personality Grooming sessions.

Personal Placement Assist & Multiple Job –Hack sessions

Team of Placement officers to bring On Campus and Off Campus Interviews.



# Syllabus

The course is fully packed with technical skills and knowledge to equip Fresher's to crack his/her first job.

## Part 1: Introduction

- Lesson 1: Networking Fundamentals
- Lesson 2: N+

## Part 2: CISCO Certification Program

- Lesson 1: Introduction to Cisco Certifications
- Lesson 2: CCNA (R&S)
- Lesson 3: CCNP (R&S)
- Lesson 4: Introduction to Network Security

## Part 3: Ethical Hacking

## Part 4: Widows Administration & Security

# About A S I T

## An Institute dedicated to Engineers by the Engineers.

We are a Bangalore based Training and Software Development company. The reason why we are into the training market is for YOU! When we started, we saw students losing their money, time and themselves in the hands of Scam master's in the name of training. We wanted to create a difference with our experience, quality and energy. We decide to set the trend and left others to follow us.

We were the first ones to introduce Network Expert Program for Fresher's in the year 2012, to start with 73 Engineers with 83% placement record. In the year 2014 we introduced Cloud Computing for Fresh engineering Graduates with registrations up to 107 and placement record of 81%. 2015 we introduced Big Data analytics for 128 Young Engineers we managed 91% placement record. This year 2016 with a thorough research we are releasing a program on Certified Software Architect and will strive to achieve beyond 95% placements.

# Insight into Certified Network Architect (CAN-103)

We would say Networking is like Call of Duty, you shoot to Kill !

CISCO has privatised Networking Learning.

Bangalore is witnessing Huge Digital Push, with companies like Cisco, investing \$ 100 million to lift digital start-ups. With companies evolving with technologies has created huge dependency of system internetworking. We have analysed that these companies have started to expect more from their administrator's. They want them to have better understanding to their requirements, deliver effective solution, maintain high uptime and reduce redundancy. CNA makes administrator's client centric and places them with information to judge the network architecture.

In the year 2015 we have seen our students fetching first job salaries to a tune of 8.4 lakhs in CTS, 11.8 Lakhs in CISCO and 4.8 Lakhs in Microland. We have continuous requirements for Akamai Technologies with starting packages from 5.6 lakhs. Companies are looking for passionate engineers who live and breathe Networking.

If you are ready to give your best then CNA can take you to other side of the world of magical NETWORKING.

# ASIT Winners

(Recent)



CHETAN H  
V V C E MYSORE  
Wipro



ARVIN RAJ  
Velammal College of Engineering  
Wipro



NISHVITH  
SMVITM, Bantakal.  
Convergent Technologies



SHREENIDHI  
SMVITM, Bantakal.  
Convergent Technologies



KISHORE RAO  
SMVITM, Bantakal.  
Convergent Technologies



ARJUN KUMAR  
SMVITM, Bantakal.  
Convergent Technologies



HARI NARAYANAN  
PES institute of technology, Bangalore  
Wipro



PAVAN KUMAR  
KMM Institute of Technology&science  
Wipro



SAI KEERTHI  
Audi Sankara college of Engg.  
Indegene



KARTHIGA KAMTCHI A  
\*RVS College of Engg and Tech.  
Softtek



E THEERTHAGIRI  
Maharaja Engineering College.  
REVMAX



ARUL SELVEN  
ST.Joseph's College of Engineering  
REVMAX



A. DARCHIUS  
Adhijamaan College of Engg.  
REVMAX



VENKATA CHALAM  
Meenakshi college of Engineering.  
REVMAX



Arockia Raj M  
Adhijamaan College of Engg.  
Wipro



Gowthami S  
RVS College of Engg & Tech, Coimbatore  
Softtek



HARIKA SINGH D  
Audi Sankara college of Engg.  
Softtek



PRASHANT M  
SDM College of Engineering and  
Technology, Wipro



PUVENDHAN  
Paavai Engineering College.  
WIPRO



DEEPTHI V.K  
Sahyadri College of Engineering.  
Softtek



VEERINCHI REDDY  
Aurora's Technological Research  
Institution, Optionmatrix



SHREELEKHA  
RVS College of Engineering and  
Technology, American Software



PRATHUSHA MUNJUR  
Audisankara College Of Engg and Tech.  
Softtek



M.SIVABALAN  
RVS College of Engg & Tech.  
Softtek



ASHWIN KUMAR  
S M V I T M, Bantakal  
Vodafone



MOUNIKA  
Audi Sankara college of Engg.  
Softtek



LAKSHMI DEEPIKA  
N.I.T,Narasaraopet.  
GTSS



SAI MOUNIKA  
Nalla Malla Reddy College  
of Engg, GTSS



TEJASWINI  
Lakki Reddy Bali Reddy  
College of Engg, GTSS



SIVA KRISHNA  
St.Peters Engineering College  
GTSS



SUJITH KUMAR  
Audisankara College of Engg & Tech,  
Softtek



SUGAND  
Sea College of Engineering  
Bangalore Softtek



# ASIT Winners

(Recent)



MANIVELU V  
University College Of Engineering  
Accenture



TARUN KUMAR  
GITAM Institute Of Technology, Vizag  
ESSL



K U MARUTHI SAINATH ACHARI  
Stanley Stephen College of  
Engineering, ASPL Info Services



T SAI KRISHNA  
K L University Guntur  
Softtek



AJAY MOKASHI  
SG Balekundri Institute of Technology  
Vodafone



HARI NARAYANAN M R  
JJ College of Eng. and Technology  
HCL



ELLAKIYA  
Vivekanandha college of Engineering,  
American Soft Solutions



SIVA NAGA LASYA  
Koneru Lakshmaiah University,  
Innovatia Technologies



NIKHIL  
Matha College Of Technology,  
Emakulam, Accenture



AMBIKAVATHI  
School of Engineering and Tech,  
Bharathidasan, KRS SYSTEMS.



SANGAMESHWAR  
Malla Reddy Institute of Technology,  
VIYA HIGHTECH



KIRAN P  
G. Madegowda Institute of Technology  
Aptus Software Labs.



HARIKA  
Mahaveer Institute of Science and  
Technology, Pratian Technologies



SRAVAN KUMAR  
Christu Jyothi Institute of Tech &  
Sciences, ZenQ Technologies



KARTHIK  
Adhiyamaan College of Engineering,  
HP



SAKSHAM KUMAR  
UPTU Sachdeva Institute of Tech  
Airtel



N. SWATHI  
Audisankara college of Eng. and  
Technology, Softtek



HANEEF  
A.T.M.E College of Engineering,  
Mysore, ACT Broadband



V. MANASA  
CMR Institute Of Technology  
Incessant Technologies



POOJITHA B  
Sri Channabasaveshwara Institute  
of Technology, Creed Global



PRADEEP  
Dr. Sakunthala Eng. College  
CMS IT Services



ANIL KUMAR G  
Aditya Engineering College,  
Surampalem, Softtek



SARATH N  
RVS College of Engg & Tech, Coimbatore  
Robert Bosh



R KEERTHIKA  
Erode Sengunthar Engineering College  
Softtek



NATHAN PINTO  
Dr.T.Thimmayya Institute of Tech,  
Bangalore, Wipro



NITHYA DEVI  
RVS College of Engineering  
Infoziant Innovation



MANOHAR  
Rajiv Gandhi University of Knowledge Tech,  
MADIBA Technologies



ABHIRAM  
Chaitanya Bharathi Institute of  
Technology, Wipro



SURI BABU  
Rajiv Gandhi University of Knowledge Tech,  
MADIBA Technologies



I MANIDEEP  
Aditya Engineering college  
Wipro



LALITHA  
Lakki Reddy Bali Reddy College of Engg  
Wimac Bangalore



GARUN REDDY  
Nalla Malla Reddy College of Engg & Tech  
Wimac Bangalore



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