

## CCNAv7: Enterprise Networking, Security, and Automation

The student has successfully achieved student level credential for completing CCNAv7: Enterprise Networking, Security, and Automation course administered by the undersigned instructor. The student was able to proficiently:

- Configure single-area OSPFv2 in both point-to-point and multiaccess networks.
- Explain how to mitigate threats and enhance network security using access control lists and security best practices.
- Implement standard IPv4 ACLs to filter traffic and secure administrative access.
- Configure NAT services on the edge router to provide IPv4 address scalability.
- Explain techniques to provide address scalability and secure remote access for WANs.
- Explain how to optimize, monitor, and troubleshoot scalable network architectures.
- Explain how networking devices implement QoS.
- Implement protocols to manage the network.
- Explain how technologies such as virtualization, software defined networking, and automation affect evolving networks.

**GANNABATHULA JAYARAM**

Student

**Smt. B. Seetha Polytechnic**

Academy Name

**India**

Location

**2 Feb 2021**

Date

**MANIKANTA SIRIGINEEDI**

Instructor

Instructor Signature



Netcad ID: 7430957  
P.I.N.: 18093-EC-037



 Networking Academy  
Mind Wide Open

C.N.: AP/007010  
Issued on: 2019-03-14

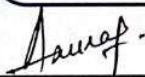


*Certificate*  
OF COMPLETION

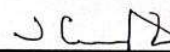
Awarded to

**Gannabathula Jayaram**

of Smt. B. Seetha Polytechnic  
on Successful completion of  
IT Essentials: PC Hardware and Software Course



Anurag Srivastava  
Program Manager, India  
Corporate Affairs, Cisco Systems Inc.



V. S. Dutt  
Secretary, State Board of Technical Education  
and Training, Andhra Pradesh