KAUSHALYA KARNATAKA

KARNATAKA GERMAN TECHNICAL TRAINING INSTITUTE-BENGALURU

KGTTI

ISO 9001 CERTIFIED

CERTIFICATE

Sl. No : 23284

This is to certify that

ARUNKUMAR H

has successfully completed a training Programme under **CMKKY** *in*

Information Technology

CISCO CERTIFIED NETWORK ASSOCIATE (CCNA)

Course Duration : 210 Hrs

Student ID	*Batch Code*	*Certificate No*
GS-0600	2023-KG-CNA-009	GBR – 0630

Course Co-Ordinator

Date Of Issue :- 29- FEB -2024

Director

KGTTI - GBR

Project Promoted by

GOVERNMENT OF KARNATAKA

Technical Consultancy by

giz International Services

Behind Kenna Metals
Nagasandra, Manjunatha Nagar
Bengaluru - 560073
Phone: 080-26642526
Web: www.kgtti.com

Corporate
Social
Responsibility

Cisco Networking Academy

Certificate of Course Completion

CCNAv7: Introduction to Networks

The student has successfully achieved student level credential for completing CCNAv7: Introduction to Networks course administered by the undersigned instructor. The student was able to proficiently:

- Configure switches and end devices to provide access to local and remote network resources.
- Explain how physical and data link layer protocols support the operation of Ethernet in a switched network.
- Configure routers to enable end-to-end connectivity between remote devices.
- Create IPv4 and IPv6 addressing schemes and verify network connectivity between devices
- Explain how the upper layers of the OSI model support network applications.
- Configure a small network with security best practices.
- Troubleshoot connectivity in a small network.

ARUNKUMAR H

Student

Karnataka German Technical Training Institute (Bengaluru)

Academy Name

India

Location

29 Apr 2024

Date

Raviraj .

Instructor

Instructor Signature

KARNATAKA GERMAN TECHNICAL TRAINING INSTITUTE
KGTTI

Corporate Social Responsibility

Cisco Networking Academy

Certificate of Course Completion

CCNAv7: Switching, Routing, and Wireless Essentials

The student has successfully achieved student level credential for completing CCNAv7: Switching, Routing, and Wireless Essentials course administered by the undersigned instructor. The student was able to proficiently:

- Configure VLANs and Inter-VLAN routing applying security best practices.
- Troubleshoot inter-VLAN routing on Layer 3 devices.
- Configure redundancy on a switched network using STP and EtherChannel.
- Troubleshoot EtherChannel on switched networks.
- Explain how to support available and reliable networks using dynamic addressing and first-hop redundancy protocols.
- Configure dynamic address allocation in IPv6 networks.
- Configure WLANs using a WLC and L2 security best practices.
- Configure switch security to mitigate LAN attacks.
- Configure IPv4 and IPv6 static routing on routers.

ARUNKUMAR H

Student

Karnataka German Technical Training Institute (Bengaluru)

Academy Name

India

Location

29 Apr 2024

Date

Raviraj .

Instructor

Instructor Signature

Corporate
Social
Responsibility

Cisco Networking Academy

Certificate of Course Completion

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.

ARUNKUMAR H

Student

Karnataka German Technical Training Institute (Bengaluru)

Academy Name

India

Location

29 Apr 2024

Date

Raviraj .

Instructor

KARNATAKA GERMAN TECHNICAL TRAINING INSTITUTE
KGTTI
CONTRIBUIAMUR

Instructor Signature