AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
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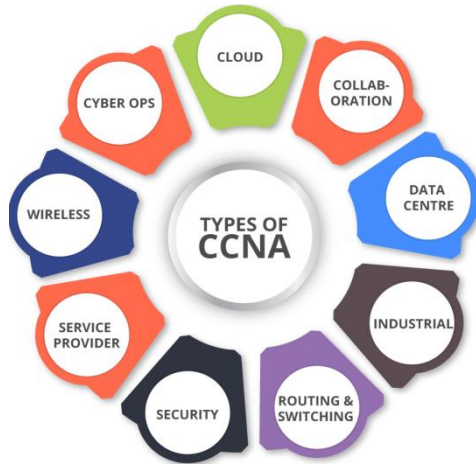**Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113**

Certificate Course

on

CCNA R&S: Introduction to Networks

From 7th June 2019 to 14th June 2019

ORGANIZED BY

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING
AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY,
MAKAVARAPALEM (V), VISAKHAPATNAM-531113

AVANTHI EDUCATIONAL SOCIETY

Avanthi Educational Society under the Leadership of Sri M. Srinivasa Rao garu as chairman was started in the Year 1991. Within a short span of its establishment, the group has made a remarkable stride in the field of education offering various courses at Under Graduate, Post Graduate, Pharmacy & Engineering levels. This milestone is achieved as the institution carved itself to impart quality and career oriented education, countering the challenges of the modern world through planning, dedication, determination, prompt execution and with the innovative ideas of our advisory board.

Today, Avanthi Educational Society is proud to have a strength of over 16000 students with 15 institutions under its ambit. It is the path of glory towards the success during the last 19 years. The institution has been adjudged many times as the second best educational institutions in the twin cities and 16th best in all over India through the impartial survey made by the renowned magazine "India Today".

AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

AIET started in the year 1999 and offers various courses at Engineering and PG level. The college is providing with rooms, computer centre, laboratories and seminar hall with audio-visual equipments. Industry Institute interaction is conducted regularly to emphasize on the latest trends in the present market.

It is very near to Narsipatnam. Frequent bus facilities are available both from and to Visakhapatnam and Narsipatnam. Very safe and secure hostel facility is available for Girl students. These are the additional facilities besides excellent academic atmosphere in the college campus.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The ECE Department was established in the year 1999 with an intake of 60 students and this was increased to 120 students in the 2007 and increased to 180 students in the 2012. The department has an eminent faculty and well supported infrastructure and laboratories. The faculty keeps abreast with the latest advances in technology and ensures that hardware equipment and related software are upgraded to ensure its students are able to keep pace with current trends in technology and the industry.

The department also offers a Post – Graduate courses in DECS and VLSI Design. The students are encouraged to participate in workshops, industrial internship, industrial visits and seminars; along with the projects assigned during the course, these activities enable them to broaden their outlook and build in professionalism that makes their transition from college to industry smoother after graduation.

ABOUT COURSE

Cisco Certified Network Associate (CCNA) Routing and Switching is a certification program for entry-level network engineers that helps maximize your investment in foundational networking knowledge and increase the value of your employer's network. The CCNA Routing and Switching validates the ability to install, configure, operate, and troubleshoot medium-size routed and switched networks.

TOPICS TO BE COVERED

- **Day-1:** Be introduced to the two major models used to plan and implement networks: OSI and TCP/IP

- **Day-2:** Gain an understanding of the "layered" approach to networks

- **Day-3:** Examine the OSI and TCP/IP layers in detail to understand their functions and service

- **Day-4:** Describe router hardware.

- **Day-5:** Explain how switching operates in a small to medium-sized business network.

- **Day-6:** Become familiar with the various network devices and network addressing schemes

- **Day-7:** Discover the types of media used to carry data across the network

For Registration please contact Mr s.phani vara Prasad, Assistant Professor, ECE

CHIEF PATRON	PATRON	CHAIRMAN
Smt.M.Gnaneswari	Dr. C P V N J Mohan Rao	Sri. E. Govinda
President, Avanthi Educational Society	Principal, Avanthi Institute Of Engineering And Technology	Head of the Department Electronics and Communication Engineering

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

Date: 5/06/2019

This is informed to all the III B.Tech ECE students that our department is planning to conduct one week course on "**CCNA R&S: INTRODUCTION TO NETWORKS In collaboration with CISCO**"scheduled from 07-06-2019 to 14-06-2019. It is directed to all the students of III ECE to utilize this opportunity to enhance your technical skills. For more details about registration process and par icipation contact Course Coordinator Mr S.PHANI VARA PRASAD ,Assistant Professor, ECE Department.

Resource Person Details:

1. I r.RAVI GOUTHAM
   APSSDC

E. Govinda

Head of the Department,

ECE

HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
Avanthi Institute of Engg.&Tech.
Makavarapalem, Visakhapatnam Dist-531 113.

Copy to: Principal, AIET

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CCNA R&S: Introduction to Networks
From 7th June 2019 to 14th June 2019

SYLLABUS

Day-1: Be introduced to the two major models used to plan and implement networks: OSI and TCP/IP

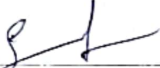**Day-2:** Gain an understanding of the "layered" approach to networks

Day-3: Examine the OSI and TCP/IP layers in detail to understand their functions and service

Day-4: Describe router hardware.

Day-5: Explain how switching operates in a small to medium-sized business network.

Day-6: Become familiar with the various network devices and network addressing schemes

Day-7: Discover the types of media used to carry data across the network

E.Govinda
CHAIRMAN
&
Head of the Department
Electronics and communication Engineering

S.Phani Vara Prasad,
Asst. Professor

Coordinator

HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
Avanthi Institute of Engg.&Tech.
Makavarapalem, Visakhapatnam Dist-53 113

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CCNA R&S: INTRODUCTION TO NETWORKS
From 7th June 2019 to 14th June 2019

Schedule

Day-1 (07/06/2019)

09:00 to 10:00	Inaugural Session
10:00 to 12:00	Introduction of the two major models used to plan: OSI and TCP/IP
12:00 to 01:00	Lunch Break
01:00 to 04:00	implement networks: OSI and TCP/IP

Day-2 (08/06/2019)

09:00 to 12:00	Gain an understanding of the "layered" approach to networks
12:00 to 01:00	Lunch Break
01:00 to 04:00	Gain an understanding of the "layered" approach to networks

Day-3(10/06/2019)

09:00 to 12:00	OSI and TCP/IP layers in detail to understand their functions
12:00 to 01:00	Lunch Break
01:00 to 04:00	OSI and TCP/IP layers in detail to understand their service

Day-4(11/06/2019)

09:00 to 12:00	Describe router hardware
12:00 to 01:00	Lunch Break
01:00 to 04:00	Describe router hardware

Day-5(12/06/2019)

09:00 to 12:00	Explain how switching operates in a small to medium-sized business network
12:00 to 01:00	Lunch Break
01:00 to 04:00	Explain how switching operates in a small to medium-sized business network

Day-6(13/06/2019)

09:00 to 12:00	Explain how switching operates in a small to medium-sized business network
12:00 to 01:00	Lunch Break
01:00 to 04:00	Explain how switching operates in a small to medium-sized business network

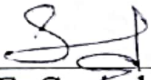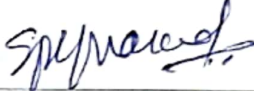## Day-7(14/06/2019)

09:00 to 12:00	Explain how switching operates in a small to medium-sized business network
12:00 to 01:00	Lunch Break
01:00 to 04:00	Explain how switching operates in a small to medium-sized business network

E. Govinda CHAIRMAN & Head of the Department Electronics and Communication Engineering	S.Phani Vara Prasad Asst. Professor
	Coordinator

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CCNA R&S: INTRODUCTION TO NETWORKS
From 7th June 2019 To 14th June 2019

III BTECH ECE STUDENT ATTENDANCE LIST

S.No	Regd. No	Name of Students	7/6	8/6	10/6	11/6	12/6	13/6	14/6
1	17811A0401	ADARI UMA MAHESH	✓	✓	✓	✓	✓	✓	✓
2	17811A0402	AKKENA SOMASEKHAR	✓	✓	✓	✓	✓	✓	✓
3	17811A0404	AMALAKANTI BHARGAV NAVEEN	✓	✓	✓	✓	✓	✓	✓
4	17811A0405	AMIREDDI SIVAJI	✓	✓	✓	✓	✓	✓	✓
5	17811A0406	ANGINA VAMSI	✓	✓	✓	✓	✓	✓	✓
6	17811A0408	BALIREDDI PREM KUMAR	✓	✓	✓	✓	✓	✓	✓
7	17811A0409	BOBBILI ANUVARA	✓	✓	✓	✓	✓	✓	✓
8	17811A0410	BODDU SWAMI NAIDU	✓	✓	✓	✓	✓	✓	✓
9	17811A0411	BOMMALI REVATHI	✓	✓	✓	✓	✓	✓	✓
10	17811A0413	DODDI RAMA KRISHNA	✓	✓	✓	✓	✓	✓	✓
11	17811A0414	DUBASI TEJA SRUTHI	✓	✓	✓	✓	✓	✓	✓
12	17811A0417	GANANADHAM RAMAKRISHNA TEJA	✓	✓	✓	✓	✓	✓	✓
13	17811A0419	GOLLU GOWRI RAJYALAKSHMI	✓	✓	✓	✓	✓	✓	✓
14	17811A0420	GOLUSU SUSHMANJALI	✓	✓	✓	✓	✓	✓	✓
15	17811A0421	GOPASANA PRUDHVI	✓	✓	✓	✓	✓	✓	✓
16	17811A0423	INDALA POOJITHA	✓	✓	✓	✓	✓	✓	✓
17	17811A0424	JANAPAREDDY TIRUMALA	✓	✓	✓	✓	✓	✓	✓
18	17811A0426	KOLLATI NAVYA	✓	✓	✓	✓	✓	✓	✓
19	17811A0427	KONATHALA HARISH BABU	✓	✓	✓	✓	✓	✓	✓
20	17811A0431	LOMBORI KRUPA RANI	✓	✓	✓	✓	✓	✓	✓
21	17811A0432	MALLA RUPA JAGADEESHA	✓	✓	✓	✓	✓	✓	✓
22	17811A0435	NADELLA AJAY KUMAR	✓	✓	✓	✓	✓	✓	✓
23	17811A0436	PALAKA SASIPRIYA	✓	✓	✓	✓	✓	✓	✓
24	17811A0437	PALLA ARUNA JYOTHI	✓	✓	✓	✓	✓	✓	✓
25	17811A0438	PENTAKOTA SRAVANI	✓	✓	✓	✓	✓	✓	✓
26	17811A0440	RAMISETTY MANOJ KUMAR	✓	✓	✓	✓	✓	✓	✓
27	17811A0441	REDDY ANAND KUMAR	✓	✓	✓	✓	✓	✓	✓
28	17811A0442	ROKKAM SAI RATNA DEEPIKA	✓	✓	✓	✓	✓	✓	✓
29	17811A0443	RONGALA RAMA KRISHNA	✓	✓	✓	✓	✓	✓	✓
30	17811A0445	SHAIK SHAHINA PARVEEN	✓	✓	✓	✓	✓	✓	✓
31	17811A0446	SINGAMPALLI SAI	✓	✓	✓	✓	✓	✓	✓
32	17811A0447	SRISAILAPU NAGASAI	✓	✓	✓	✓	✓	✓	✓
33	18815A0401	BOTSA PRASAD	✓	✓	✓	✓	✓	✓	✓
34	18815A0403	GANUGULA KIRANKUMAR	✓	✓	✓	✓	✓	✓	✓
35	18815A0404	GUNDUMALLA SAI KUMAR	✓	✓	✓	✓	✓	✓	✓

36	18815A0406	KOTHADA SAI KUMAR	✓	✓	✓	✓	✓	✓	✓
37	18815A0407	KURELLA NAGA DURGA VASU	✓	✓	✓	✓	✓	✓	✓
38	18815A0408	LAKKOJU SRI JYOTHI	✓	✓	✓	✓	✓	✓	✓
39	18815A0411	RAJANA RAMBABU	✓	✓	✓	✓	✓	✓	✓
40	18815A0412	SRIKAKULAPU SANTOSHI DIVYA	✓	✓	✓	✓	✓	✓	✓
41	18815A0415	YERRA HEMANTH KUMAR	✓	✓	✓	✓	✓	✓	✓
42	18815A0416	NEMANI NIHARIKA	✓	✓	✓	✓	✓	✓	✓

Spyprasad
Coordinator

HOD

HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
Avanthi Institute of Engg.&Tech.
Makavarapalem, Visakhapatnam Dist-53 113.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A Course on

CCNA R&S: INTRODUCTION TO NETWORKS

Dated on –: 07/ 06/ 2019

Coordinator

HOD

HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
Avanthi Institute of Engg.&Tech.
Makavarapalem, Visakhapatnam Dist-53¹ 113

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Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-53111

Certificate of Participation

This is to certify that Mr./Ms._____of _____has participated in the Certificate Course entitled on *CCNA R&S: INTRODUCTION TO NETWORKS* conducted from 07-06-2019to 14-06-2019was organized by the Department of ELECTRONICS AND COMMUNICATION ENGINEERING at Avanthi Institute of Engineering and Technology.

Coordinator   **HOD**   **Principal**

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Department ofElectronics and Communication Engineering

Dt:17/07/2019

BRIEF REPORT

Avanthi Institute of Engineering and Technology had organized a certificate course on "CCNA R&S INTRODUCTION TO NETWORK" From 7th June 2019 to 14th June 2019 in Department of Electronics and Communication Engineering

We had DR RAVI GOUTHAM, associate professor-CISCO APSSDC as a speaker to explain each and every detail about CCNA network .He started with brief explanation of a computer network consists of two or more connected computers this connection two fold one is physical through wires cables and wireless media atmosphere with say cell phones and second one is logical ,through the transport of data across the physical media.

S.
Coordinator

Head of the Department

HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
Avanthi Institute of Engg.&Tech,
Makavarapalem, Visakhapatnam Dist-53 113