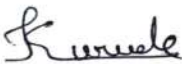


DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE
Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560111
Department of Computer Application- BCA

Date : 29/02/2019

Add-on Course On Computer Networks

This is to notify that department of Computer Application is offering add-on course on Computer Networks for 1st sem BCA Students from 15/03/2019.
Register yourself before 10/03/2019.


Course Incharge
Dr. Kumadavalli M V

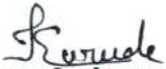

HOD
Prof. Hemanth Uppala


DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE
Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560111
Department of Computer Application- BCA
Computer Networks Course

Date : 29/02/2019

TIME TABLE

The department of Computer Application is conducting add on course on Computer Networks and the course is going to start from 15/03/2019 - 30/04/2019. The course will be engaged from Monday - Friday , 4.00-5.00 pm.


Course Incharge
Dr. Kumudavalli M V


HOD
Prof. Hemanth Uppala


DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE
Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560111
Department of Computer Application- BCA
Computer Networks – ADD ON COURSE

Date : 29/02/2019

List of Students Enrolled

Sl No	Name	Reg.No.
1.	AAYUSH SHRESTHA	19CQSB7001
2.	ABHINAV SINGH	19CQSB7002
3.	ADARSH UNNI	19CQSB7005
4.	ANIKA SHREYA SHETTIGAR	19CQSB7008
5.	ASHISH V	19CQSB7012
6.	DHANUSH S	19CQSB7024
7.	DRUVANTH A R	19CQSB7028
8.	GOKUL J N	19CQSB7032
9.	IPSITA DAS	19CQSB7036
10.	KARTHIKEYAN S	19CQSB7041
11.	KSHITIJ KUMAR	19CQSB7044
12.	MALI REDDY PAVANI	19CQSB7048
13.	MOHAMED MAZHAR	19CQSB7056
14.	NEHA B GANGULI	19CQSB7063
15.	PRADEEP KUMAR	19CQSB7071
16.	R ARJUN	19CQSB7076
17.	RAHUL SALARIA	19CQSB7082
18.	SHASHI KIRAN M	19CQSB7091
19.	SOJITRA JEET NITINBHAI	19CQSB7095
20.	TANAMI D	19CQSB7100
21.	VENU S	19CQSB7107
22.	VISHNU G YADAV	19CQSB7114
23.	SINCHANA V	196MSB7117


Course Incharge
Dr. Kumudavalli M V


HOD
Prof. Hemant Uppala

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE
Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560111
Department of Computer Application- BCA
Computer Networks - SYLLABUS

COURSE OVERVIEW:

The course introduces main concepts of networking; application areas; classification; reference models; transmission environment; technologies; routing algorithms; IP, UDP and TCP protocols; reliable data transferring methods; application protocols; network security; management systems; perspectives of communication networks. The course structure consists of lectures, tutorials, laboratory works in computer classroom and individual work.

INTRODUCTION: Network applications, network hardware, network software, reference models: OSI,

TCP/IP, Internet, Connection oriented network - X.25, frame relay. **THE PHYSICAL LAYER:** Theoretical basis for communication, guided transmission media, wireless transmission, the public switched telephone networks, mobile telephone system.

THE DATA LINK LAYER: Design issues, error detection and correction, elementary data link protocols, sliding window protocols, example data link protocols - HDLC, the data link layer in the internet. **THE MEDIUM ACCESS SUBLAYER:** Channel allocations problem, multiple access protocols, Ethernet, Data Link Layer switching, Wireless LAN, Broadband Wireless, Bluetooth

REFERENCE BOOKS:

1. Behrouz A. Forouzan (2006), Data communication and Networking, 4th Edition, Mc Graw-Hill, India.
2. Kurose, Ross (2010), Computer Networking: A top down approach, Pearson Education, India.

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE
SHAVIGE MALLESHWARA HILLS, KUMARASWAMY LAYOUT, BANGALORE-560078
Department of Computer Applications – BCA

ADD ON COURSE

CERTIFICATE OF COMPLETION

This is presented to

AAYUSH SHRESTHA - 19CQSB7001

for successfully completing 30 hours of Computer Networks
course during March-April 2019


Prof. Hemdnt Uppala,
HOD - BCA, DSCASC

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

SHAVIGE MALLESHWARA HILLS, KUMARASWAMY LAYOUT, BANGALORE-560078

Department of Computer Applications - BCA

ADD ON COURSE

CERTIFICATE OF COMPLETION

This is presented to

ADARSH UNNI - 19CQSB7005

for successfully completing 30 hours of Computer Networks
course during March-April 2019


Prof. Hemant Uppala,
HOD - BCA, DSCASC

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE
SHAVIGE MALESHWARA HILLS, KUMARASWAMY LAYOUT, BANGALORE-560078
Department of Computer Applications - BCA

ADD ON COURSE
CERTIFICATE OF COMPLETION

This is presented to

ASHISH V - 19CQSB7012

for successfully completing 30 hours of Computer Networks
course during March-April 2019


Prof. Hemant Uppala,
HOD - BCA, DSCASC

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

SHAVIGE MALLESHWARA HILLS, KUMARASWAMY LAYOUT, BANGALORE-560078

Department of Computer Applications - BCA

ADD ON COURSE

CERTIFICATE OF COMPLETION

This is presented to

DHANUSH S - 19CQSB7024

for successfully completing 30 hours of Computer Networks
course during March-April 2019


Prof. Hemdant Uppala,
HOD - BCA, DSCASC

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE
SHAVIGE MALESHWARA HILLS, KUMARASWAMY LAYOUT, BANGALORE-560078


Department of Computer Applications - BCA

ADD ON COURSE
CERTIFICATE OF COMPLETION

This is presented to

DRUVANTH A R - 19CQSB7028

for successfully completing 30 hours of Computer Networks
course during March-April 2019


Prof. Hemant Uppala,
HOD - BCA, DSCASC

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

SHAVIGE MALESHWARA HILLS, KUMARASWAMY LAYOUT, BANGALORE-560078

Department of Computer Applications - BCA

ADD ON COURSE

CERTIFICATE OF COMPLETION

This is presented to

IPSITA DAS - 19CQSB7036

for successfully completing 30 hours of Computer Networks
course during March-April 2019


Prof. Hemant Uppala,
HOD - BCA, DSCASC

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

SHAVIGE MALLESHWARA HILLS, KUMARASWAMY LAYOUT, BANGALORE-560078

Department of Computer Applications - BCA


ADD ON COURSE

CERTIFICATE OF COMPLETION

This is presented to

R ARJUN - 19CQSB7076

for successfully completing 30 hours of Computer Networks
course during March-April 2019


Prof. Hemant Uppala,
HOD - BCA , DSCASC

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

SHAVIGE MALESHWARA HILLS, KUMARASWAMY LAYOUT, BANGALORE-560078

Department of Computer Applications - BCA


ADD ON COURSE

CERTIFICATE OF COMPLETION

This is presented to

TANAMI D - 19CQSB7100

for successfully completing 30 hours of Computer Networks
course during March-April 2019


Prof. Hemant Uppala,
HOD - BCA , DSCASC

