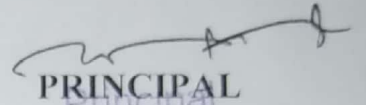


*Royal Education Society's*  
**College of Computer Science and Information Technology, Latur**  
*Department of Computer Science*

**Date:** 06 / 01 / 2016

**NOTICE**


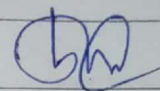
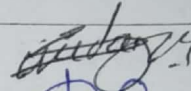
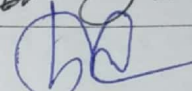
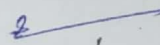
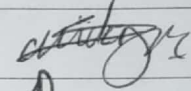
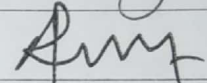
All the Students are informed that Department Of Computer Science is organizing Certificate Program on Hardware & Networking. Interested students should register their names with Mr. Sandesh Ingle till 12 January 2016.



**PRINCIPAL**

Principal  
College Of Computer Science  
And Information Technology, Latur

Royal Education Society's  
College of Computer Science and Information Technology, Latur  
Department of Computer Science

Sr No	Name Of Class	Name Of Faculty Member	Signature
1	BCA FY	S.R. Mane	
2	BCA SY		
3	BCA TY	Deshmukh sv	
4	B Sc CS FY		
5	B Sc CS SY	Saudagar A.M	
6	B Sc CS TY	Deshmukh sv	
7	B Sc SE FY	S.R. Mane	
8	B Sc SE SY	Saudagar A.M	
9	B Sc SE TY	Shinde Arun S	

*Royal Education Society's*  
**College Of Computer Science and Information Technology, Latur**  
**Certificate Program on Hardware and Networking**

Registrations

Sr No	Name Of The Student	Phone No.	Class
1	CHOUDHARI SARFARAZ MASTANSAB	9096565785	B Sc CS FY
2	KAPLAPURE SUSHANT SUDHIR	9011420133	B Sc CS FY
3	BHALKE AKSHAY SHIVKUMAR	8888318895	B Sc CS FY
4	CHAUDHARI AMOL ANGAD	9156207836	B Sc CS FY
5	BIDVE ROHAN BHIMA	7276869256	B Sc CS FY
6	MORE ROHIT BHARAT	9766716607	B Sc CS FY
7	SHEREKAR MAHESH RAMESH	7391919638	B Sc CS FY
8	INDE PRASAD PRAKASH	8805059426	B Sc CS FY
9	BHAVSAR VINEET SURESH	9503331992	B Sc CS FY
10	SHINDE SIDRAM SUBHASH	7720871768	B Sc CS FY
11	KADAM ROHAN SHIVAJIRAO	9503512722	B Sc CS FY
12	SAYYAD AHAMED DASTGIR	7028339165	B Sc CS FY
13	JOSHI SAURABH VIJAYKUMAR	9860525746	B Sc CS FY
14	RAUT RUPESH GANGADHAR	8378838051	B Sc CS FY
15	PAWAR RAMAN BALASAHEB	9922885905	B Sc CS FY
16	KASBE SHUBHAM SURYAKANT	9175461859	B Sc C S SY
17	AADE UMESH GAJENDRA	9527879220	B Sc C S SY
18	DESHMUKH DHAIRYASHIL DHARAMARAJ	9168268676	B Sc C S SY
19	BANDE GOVIND KAKASHAEB	8600802142	B Sc C S SY
20	SHINDE AKSHAY NANASAHEB	9405526439	B Sc C S SY
21	UJEDE NIHAL MAHEBUB	7756898987	B Sc C S SY
22	SHAIKH NAWAJ GULAB	8856928858	B Sc C S SY
23	UMBARKAR SHANTANU NISHIKANT	8446467610	B Sc C S SY
24	KORE SHRIKANT NANDKUMAR	9673731891	B Sc C S SY
25	PAUL SURAJ BALAJI	7387873294	B Sc C S SY
26	JADHAV NANDKISHOR LAXMAN	8600939830	B Sc C S SY
27	TOMPE VIVEKANAND DAYANAND	9665363009	B Sc C S SY
28	SHINDE GOPAL MOHANRAO	7028338432	B Sc C S SY
29	KADAM ROHIT MADHAVRAO	9881516072	B Sc C S SY
30	JADHAV SHAILESH ANGADRAO	9175081788	B Sc C S SY



*Royal Education Society's*  
**College Of Computer Science and Information Technology, Latur**  
**Certificate Program on Hardware and Networking**

Registrations

31	MOGALE NILESH HANSRAJ	7727952153	B Sc C S SY
32	BHOSLE SHIVAJI JYOTIRAM	9921933732	B Sc C S SY
33	DOM DILIP VASANT	9623969198	B Sc C S SY
34	SURVASE SHIVAJI MOHAN	8007507042	B Sc C S SY
35	SATBHAI AKSHAY DEEPAK	8483887939	B Sc C S SY
36	SWAMI YOGESH SUBHASH	9158217673	B Sc CS TY
37	MAHAJAN NIKHIL RAJENDRA	8087040954	B Sc CS TY
38	BIRAJDAR ABHISHEK AVINASH	9764339225	B Sc CS TY
39	GHADGE PRAVIN MANIK	9011624013	B Sc CS TY
40	BHATIKARE SOURABH VIDHYADHAR	8180086100	B Sc CS TY
41	UDGIRKAR SHUBHAM SANJAY	7276531079	B Sc CS TY
42	KULKARNI RUPESH MUKUNDRAO	9923361904	B Sc CS TY
43	CHOUNDE AJIT SHIVASHANKAR	9922882422	B Sc CS TY






*Royal Education Society's*  
**College of Computer Science and Information Technology Latur**

**Certificate Program On Hardware and Networking**

Syllabus

Sr No	Contents
1	Hardware components of Computer System
2	Study of Transmission Media's and Networking Devices
3	Study of Straight cable and cross cable
4	Study of TCP/IP IPV4 addresses with its class and range <b>Day 1</b>
5	Study of TCP/IP IPV4 addresses with its class and range <b>Day 2</b>
6	Study of TCP/IP IPV6 addresses with its class and range
7	Study Installing Windows Xp with BIOS option
8	Study Installing Windows 7 and Windows server 2008
9	Study of Messenger Service in LAN & Net-meeting tool for Desktop sharing , chatting ,IP calls sharing white board , etc.
10	Study of Installing Local & network Printer ,
	Accessing Shared Printer From client side.
	Study of remote desktop
	Study of Sharing folder
11	Study of mapping Drive.
	Study of workgroup of computer
12	Study of Domain (ADDS)
13	Installation and configuration
	Study of creating OU , Groups and
14	Users in Active Directory.
	Study of importance of
15	DNS and DHCP Server.
	Study creating LAN
	Study of creating Cyber Café setup

  
**PRINCIPAL**  
 Principal  
 College Of Computer Science  
 And Information Technology, Latur

Royal Education Society's  
College Of Computer Science and Information Technology, Latur  
Certificate Program on Hardware and Networking  
Attendance

Sr No	Name Of The Student	18/01/2016	19/01/2016	20/01/2016	21/01/2016	22/01/2016	23 Jan 2016	Total	Percent
		1	2	3	4	5	6		
1	CHOUDHARI SARFARAZ MASTANSAB	P	P	A	A	P	P		
2	KAPLAPURE SUSHANT SUDHIR	P	P	P	P	A	P		
3	BHALKE AKSHAY SHIVKUMAR	A	P	P	A	P	P		
4	CHAUDHARI AMOL ANGAD	P	P	A	P	P	P		
5	BIDVE ROHAN BHIMA	P	P	P	P	A	A		
6	MORE ROHIT BHARAT	A	A	P	A	P	A		
7	SHEREKAR MAHESH RAMESH	P	P	P	P	A	P		
8	INDE PRASAD PRAKASH	P	P	A	P	P	P		
9	BHAVSAR VINEET SURESH	A	P	P	P	P	A		
10	SHINDE SIDRAM SUBHASH	P	P	P	A	P	P		
11	KADAM ROHAN SHIVAJIRAO	P	A	P	P	P	A		
12	SAYYAD AHAMED DASTGIR	A	P	P	P	P	P		
13	JOSHI SAURABH VIJAYKUMAR	P	A	P	P	A	P		
14	RAUT RUPESH GANGADHAR	P	P	P	A	P	P		
15	PAWAR RAMAN BALASAHEB	A	A	P	P	P	P		
16	KASBE SHUBHAM SURYAKANT	P	P	P	A	A	P		
17	AADE UMESH GAJENDRA	P	P	A	P	P	A		
18	DESHMUKH DHAIRYASHIL DHARAMARAJ	A	P	P	P	P	P		
19	BANDE GOVIND KAKASHAEB	P	P	P	A	P	A		
20	SHINDE AKSHAY NANASAHEB	A	P	P	P	P	P		
21	UJEDE NITIN KISHOR	P	P	P	P	A	P		



Royal Education Society's  
College Of Computer Science and Information Technology, Latur  
Certificate Program on Hardware and Networking  
Attendance

Sr No	Name Of The Student	18/01/2016	19/01/2016	20/01/2016	21/01/2016	22/01/2016	23 Jan 2016	Total	Percent
		1	2	3	4	5	6		
22	SHAIKH NAWAJ GULAB	P	A	P	P	A	P		
23	UMBARKAR SHANTANU NISHIKANT	A	P	P	A	P	P		
24	KORE SHRIKANT NANDKUMAR	P	P	P	P	A	A		
25	PAUL SURAJ BALAJI	A	A	P	P	P	P		
26	JADHAV NANDKISHOR LAXMAN	P	P	A	P	P	P		
27	TOMPE VIVEKANAND DAYANAND	P	P	P	A	A	P		
28	SHINDE GOPAL MOHANRAO	A	P	P	P	P	A		
29	KADAM ROHIT MADHAVRAO	A	P	P	P	P	P		
30	JADHAV SHAILESH ANGADRAO	P	A	P	P	P	P		
31	MOGALE NILESH HANSRAJ	P	P	A	P	P	P		
32	BHOSLE SHIVAJI JYOTIRAM	P	P	P	A	P	P		
33	DOM DILIP VASANT	P	P	P	P	A	P		
34	SURVASE SHIVAJI MOHAN	P	A	P	P	P	A		
35	SATBHAI AKSHAY DEEPAK	A	P	P	P	P	P		
36	SWAMI YOGESH SUBHASH	P	A	P	P	A	P		
37	MAHAJAN NIKHIL RAJENDRA	P	P	P	A	P	P		
38	BIRAJDAR ABHISHEK AVINASH	P	P	A	P	P	P		
39	GHADGE PRAVIN MANIK	P	A	P	P	A	P		
40	BHATIKARE SOURABH VIDHYADHAR	A	P	P	P	P	P		
41	UDGIRKAR SHUBHAM SANJAY	P	A	P	P	A	P		
42	KULKARNI RUPESH MUKUNDRAO	P	P	P	A	P	P		
	SHINDE AJIT SHIVASHANKAR	P	P	A	P	P	P		



## RESUME

**Ingale Sandesh S**

**Email Id:** ccnasandesh7@gmail.com

**Phone:** 9764225003

### Objectives

- To pursue a professionally satisfying growth and challenging career. Seeking a quality environment where my knowledge can be shared and enriched for the growth of the organization and self.

### Expertise

#### Network Administration (Switching & Routing)

##### Switching

- ✓ Configuring Switches as per Network plan of the organization
- ✓ Creating VLAN to separate networks
- ✓ Configuring L2/L3 VLAN on switches as per their deployment policy
- ✓ Implementing Virtual Trunk Protocol like ISL & 802.1Q.
- ✓ Configuring spanning tree protocol (STP) to avoid looping in a network
- ✓ Troubleshooting network issues using Ping, Trace route
- ✓ Preparing inventory for network devices and maintaining it for future use.
- ✓ Replacement & Installation of hardware components in event of device failure within time line to avoid impact on business

##### Routing

- ✓ Configuring Routers as per Network Design and plan.
- ✓ Implementing routing protocols like Static Route, Default Route.
- ✓ Good understanding of Dynamic Routing Protocols like RIP, OSPF, EIGRP BGP
- ✓ Understanding of Access Control List (ACL) permitting and denying traffic.
- ✓ Troubleshooting IP routing problems and connectivity issues with ISP.

### Work Experience

**Company:** COCSIT, College Latur as an **CISCO Trainer cum System administrator** from July 2011 to till now.

**Team Size :** 3

**Designation:** CISCO Trainer cum System administrator





## Job Responsibilities

- Responsible to install, set up, maintain network and also configure the peripherals, cabling and equipment accordingly as per the requirement.
- Responsible for maintaining the company strategy like designing, implementing and maintenance of enterprise network components.
- Timely analyze whether any repairs or replacements is needed.
- Cable crimping
- Responsible for configuring & troubleshooting CISCO ROUTER.
- Responsible for configuring & troubleshooting SWITCHES.
- Responsible for the installation of operating system windows 7.
- Responsible for maintaining the network & troubleshooting the network related issues.
- Responsible for maintaining & troubleshooting network printers.
- Responsible for troubleshooting Internet issues.
- Responsible for sharing the network printers.
- Configuring & Managing DHCP Server

## Academic Qualification

### Academic:

- ✎ M.Sc. SAN (System Administration & Networking) from Swami Ramanand Teerth Marathwada University, Nanded in 2010  
Aggregate - 72.00%
- ✎ CCNA Certified, Pune. CSC011877118
- ✎ Hardware & Networking Latur "A+"

### Technical Skills:

- ✎ CISCO Switches, Router
- ✎ Windows 7.
- ✎ Hardware & Networking etc.

## Personal Information

Material status	: Married.
Date of Birth	: 15-05-1988
Languages Known	: English, Hindi and Marathi
Joining	: Within 30 Day's )

## Declaration

I hereby declare that the above information furnished is true to the best of my knowledge and belief.

Ingale Sandesh S



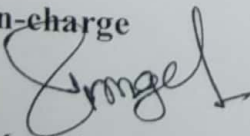
*Royal Education Society's*  
**College of Computer Science and Information Technology, Latur**  
**Department of Computer Science**

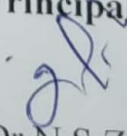
**Certificate Program on Hardware Networking**

**Outcome of the Program**

Certificate Program on Hardware Networking is designed by Department of Computer Science for UG students this program had been conducted for one week. It was started from 18-23 January 2016, all the students were informed prior by notice. This program was designed to provide the knowledge on Hardware devices as well as practice on networking such as

- Install and troubleshoot system hardware.
- Install, configure and troubleshoot client operating systems.
- Effectively communicate, orally and in writing.
- Use proper computer system and networking terminology.
- Perform help desk functions to answer user questions and provide user training on application software and fundamental operating systems functions.
- Disassemble, troubleshoot/debug, upgrade, replace basic components, and reassemble servers and client systems.
- Implement Local Area Networks using both static and dynamic addressing techniques including subnetting.
- Install and configure domain-based local area networks.
- Use computer systems and networks in a responsible and ethical manner.
- Work as an effective member of a workgroup.

**In-charge**  
  
Mr. S S Ingle

**Principal**  
  
Dr N S Zulpe  
**Principal**  
College Of Computer Science  
And Information Technology, Latur

**Department of Computer Science**  
**Certificate Program**  
**On**  
**Computer Hardware and Networking**  
**Feedback Form**

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	No
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	"
Is the training program helpful for you?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	9	"
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	"
Do you have any suggestions for future training program that you would like us to organize?	No		
Thank you for completing the questionnaire.			



**Department of Computer Science**  
**Certificate Program**  
**On**  
**Computer Hardware and Networking**  
**Feedback Form**

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	No
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	8	Yes, good
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	7	No
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	8	No
Do you have any suggestions for future training program that you would like us to organize?	No		
Thank you for completing the questionnaire.			



# Department of Computer Science

## Certificate Program

On

## Computer Hardware and Networking

### Feedback Form

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	NO
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Do you have any suggestions for future training program that you would like us to organize?	NO		
Thank you for completing the questionnaire.			



**Department of Computer Science**  
**Certificate Program**

**On**  
**Computer Hardware and Networking**

**Feedback Form**

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	good knowledgeable person
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	yes
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Do you have any suggestions for future training program that you would like us to organize?	helpful program		
Thank you for completing the questionnaire.			



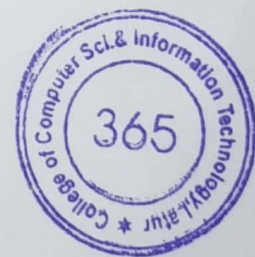
**Department of Computer Science**  
**Certificate Program**  
**On**  
**Computer Hardware and Networking**  
**Feedback Form**

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	No Comment
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Do you have any suggestions for future training program that you would like us to organize?	yes organize		
Thank you for completing the questionnaire.			



**Department of Computer Science**  
**Certificate Program**  
**On**  
**Computer Hardware and Networking**  
**Feedback Form**

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	No
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	8	
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	7	
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	7	
Do you have any suggestions for future training program that you would like us to organize?	No		
Thank you for completing the questionnaire.			





## Department of Computer Science

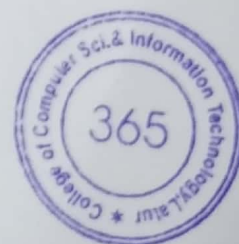
Certificate Program

On

Computer Hardware and Networking

### Feedback Form

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	yes
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Do you have any suggestions for future training program that you would like us to organize?	yes organize		
Thank you for completing the questionnaire.			



## Department of Computer Science

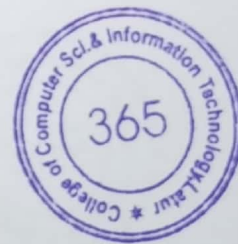
### Certificate Program

On

### Computer Hardware and Networking

### Feedback Form

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	NO COMMENT
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	8	
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	
Do you have any suggestions for future training program that you would like us to organize?	No		
Thank you for completing the questionnaire.			



**Department of Computer Science**

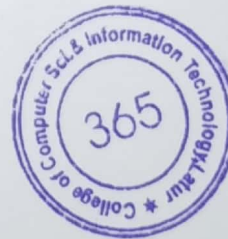
**Certificate Program**

**On**

**Computer Hardware and Networking**

**Feedback Form**

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Do you have any suggestions for future training program that you would like us to organize?	yes		
Thank you for completing the questionnaire.			



**Department of Computer Science**

**Certificate Program**

**On**

**Computer Hardware and Networking**

**Feedback Form**

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	NY
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	8	
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	7	
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	8	
Do you have any suggestions for future training program that you would like us to organize?	No		
Thank you for completing the questionnaire.			





## Department of Computer Science

### Certificate Program

On

### Computer Hardware and Networking

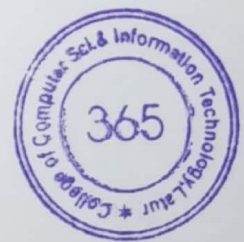
### Feedback Form

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	Yes
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	No
Is the training program helpful for you?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	8	No
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	8	No
Do you have any suggestions for future training program that you would like us to organize?	No		
Thank you for completing the questionnaire.			



**Department of Computer Science**  
**Certificate Program**  
**On**  
**Computer Hardware and Networking**  
**Feedback Form**

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	7	NO
Is the resource person was well prepared and knowledgeable?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	6	
Is the training program helpful for you?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	7	
Is the course met its aims & objectives?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	5	
Do you have any suggestions for future training program that you would like us to organize?	NO		
Thank you for completing the questionnaire.			



## Department of Computer Science

### Certificate Program

On

### Computer Hardware and Networking

### Feedback Form

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	No
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Do you have any suggestions for future training program that you would like us to organize?	It's good training program		
Thank you for completing the questionnaire.			



## Department of Computer Science

### Certificate Program

On

### Computer Hardware and Networking

### Feedback Form

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	No
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	No
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	No
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	No
Do you have any suggestions for future training program that you would like us to organize?	No Suggestion		
Thank you for completing the questionnaire.			





**Department of Computer Science**

**Certificate Program**

**On**

**Computer Hardware and Networking**

**Feedback Form**

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	yes, good
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	good
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Do you have any suggestions for future training program that you would like us to organize?	yes organize		
Thank you for completing the questionnaire.			



## Department of Computer Science

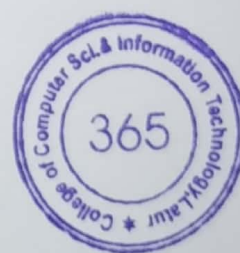
### Certificate Program

On

### Computer Hardware and Networking

### Feedback Form

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	10
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	10
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	10
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	10
Do you have any suggestions for future training program that you would like us to organize?	10		
Thank you for completing the questionnaire.			



**Department of Computer Science**

**Certificate Program**

**On**

**Computer Hardware and Networking**

**Feedback Form**

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Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
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Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	10
Do you have any suggestions for future training program that you would like us to organize?	Yes		
Thank you for completing the questionnaire.			



**Department of Computer Science**

**Certificate Program**

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**Feedback Form**

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	10
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Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Do you have any suggestions for future training program that you would like us to organize?	No		
Thank you for completing the questionnaire.			





## Department of Computer Science

### Certificate Program

On

### Computer Hardware and Networking

### Feedback Form

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	No comment
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	8	.
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	..
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	..
Do you have any suggestions for future training program that you would like us to organize?	yes		
Thank you for completing the questionnaire.			



**Department of Computer Science**  
**Certificate Program**  
**On**  
**Computer Hardware and Networking**  
**Feedback Form**

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	NO
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	✓
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	—
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	—
Do you have any suggestions for future training program that you would like us to organize?	yes organize		
Thank you for completing the questionnaire.			



**Department of Computer Science**

**Certificate Program**

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Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	No
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	yes, good
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Do you have any suggestions for future training program that you would like us to organize?	No		
Thank you for completing the questionnaire.			



**Department of Computer Science**  
**Certificate Program**  
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Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	10
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Do you have any suggestions for future training program that you would like us to organize?	yes		
Thank you for completing the questionnaire.			





## Department of Computer Science

### Certificate Program

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### Computer Hardware and Networking

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Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	no
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	"
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Do you have any suggestions for future training program that you would like us to organize?	yes		
Thank you for completing the questionnaire.			



**Department of Computer Science**

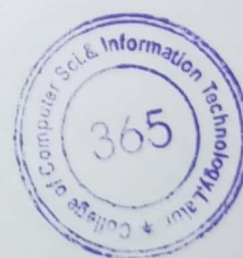
**Certificate Program**

**On**

**Computer Hardware and Networking**

**Feedback Form**

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	09	Yes, good
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	No comment
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	"
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	"
Do you have any suggestions for future training program that you would like us to organize?	No		
Thank you for completing the questionnaire.			



**Department of Computer Science**  
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Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	No
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	No
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	No
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	8	No
Do you have any suggestions for future training program that you would like us to organize?	No		
Thank you for completing the questionnaire.			



## Department of Computer Science

### Certificate Program

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Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
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Do you have any suggestions for future training program that you would like us to organize?	Yes its good		
Thank you for completing the questionnaire.			



## Department of Computer Science

### Certificate Program

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### Computer Hardware and Networking

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Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	No
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	
Do you have any suggestions for future training program that you would like us to organize?	No Suggestions		
Thank you for completing the questionnaire.			





**Department of Computer Science**  
**Certificate Program**  
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**Feedback Form**

Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	8	No comment
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	7	"
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	8	"
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	8	"
Do you have any suggestions for future training program that you would like us to organize?	Yes		
Thank you for completing the questionnaire.			



**Department of Computer Science**  
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Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	No comment
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	8	11
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	7	,
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	9	,
Do you have any suggestions for future training program that you would like us to organize?	yes, good.		
Thank you for completing the questionnaire.			



## Department of Computer Science

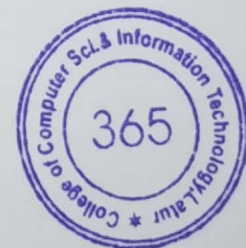
### Certificate Program

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Do you have any suggestions for future training program that you would like us to organize?	yes organize		
Thank you for completing the questionnaire.			



## Department of Computer Science

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Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Do you have any suggestions for future training program that you would like us to organize?	It's good program		
Thank you for completing the questionnaire.			



**Department of Computer Science**

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Do you have any suggestions for future training program that you would like us to organize?	Yes organize		
Thank you for completing the questionnaire.			





**Department of Computer Science**  
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Scale	Yes / No	Marks out of 10	Comment
Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	8	No
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	7	
Is the training program helpful for you?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	7	
Is the course met its aims & objectives?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	8	
Do you have any suggestions for future training program that you would like us to organize?	No		
Thank you for completing the questionnaire.			



## Department of Computer Science

### Certificate Program

On

### Computer Hardware and Networking

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Is the training program facilities were appropriate or satisfactory?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Is the resource person was well prepared and knowledgeable?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	Yes, good
Is the training program helpful for you?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	Yes
Is the course met its aims & objectives?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10	
Do you have any suggestions for future training program that you would like us to organize?	yes its helpful for future to organize		
Thank you for completing the questionnaire.			



**College of Computer Science and Information Technology, Latur**

**Certificate Program on Hardware & Networking**

**Examination Paper**

1) The number of layers in Internet protocol stack

- a) 5
- b) 7
- c) 6
- d) None of the mentioned

2) In the IPv4 addressing format, the number of networks allowed under Class C addresses is

- (A)  $2^{14}$
- (B)  $2^7$
- (C)  $2^{21}$
- (D)  $2^{24}$

3) Bluetooth is an example of:

- A. **personal area network**
- B. local area network
- C. virtual private network
- D. none of the mentioned

4) A \_\_\_\_\_ is a device that forwards packets between networks by processing the routing information included in the packet.

- A. bridge
- B. firewall
- C. **router**
- D. all of the mentioned

5) Network congestion occurs:

- A. **in case of traffic overloading**
- B. when a system terminates
- C. when connection between two nodes terminates
- D. none of the mentioned



6) Which one of the following extends a private network across public networks?

- A. local area network
- B. virtual private network**
- C. enterprise private network
- D. storage area network

7) The first Network:

- A. CNET
- B. NSFNET
- C. ASAPNET
- D. ARPANET**

8). Which transmission media has the highest transmission speed in a network?

- A. coaxial cable
- B. twisted pair cable
- C. optical fiber**
- D. electrical cable

9) National Internet Service Provider (ISP) networks are connected to one another by private switching stations called

- A. Network Access Points
- B. Peering Points**
- C. National ISP
- D. Regional ISP

10. Cable TV and DSL are examples of

- A. Interconnection of network
- B. LAN
- C. MAN**
- D. WAN

11. Repeater is used in

- A. Mesh Topology
- B. Ring Topology**
- C. Bus Topology
- D. Star Topology

12. In bus topology, device linking all nodes in a network is

- A. Router
- B. DropLine
- C. Backbone**
- D. hub

13. ATM is an example of

- A. MAN
- B. Point to Point WAN
- C. Switched WAN**
- D. LAN

14. Transmission media are directly controlled by the

- A. physical layer**
- B. data link layer
- C. network layer
- D. session layer

15. In telecommunications, transmission media can be divided into

- A. four broad categories
- B. three broad categories
- C. two broad categories**
- D. None





16. Twisted pair cable in which metal casing improves penetration of noise or crosstalk is called

- A. insulated twisted pair cable
- B. Shielded twisted pair cable**
- C. Unshielded twisted pair cable
- D. Both A and B

17. Twisted pair cable consists of

- A. none
- B. 1 conductor
- C. 2 conductors**
- D. n conductors

18. Cable that accepts and transports signals in form of light is

- A. Unwired
- B. fiber optic cable**
- C. coaxial cable
- D. twisted pair cable

19. In Coaxial Cable, whole cable is protected by a

- A. shield
- B. plastic cover**
- C. insulator
- D. conductor

20. Most common twisted-pair cable used in communications are

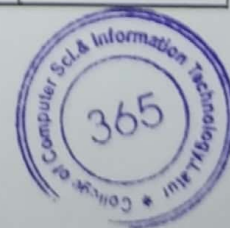
- A. UTP**
- B. STP
- C. normal twisted copper pair cables
- D. None



*Royal Education Society's*  
**College Of Computer Science and Information Technology, Latur**  
**Certificate Program on Hardware and Networking**

Examination Result

Sr No	Name Of The Student	Marks
1	CHOUDHARI SARFARAZ MASTANSAB	15
2	KAPLAPURE SUSHANT SUDHIR	12
3	BHALKE AKSHAY SHIVKUMAR	13
4	CHAUDHARI AMOL ANGAD	16
5	BIDVE ROHAN BHIMA	18
6	MORE ROHIT BHARAT	15
7	SHEREKAR MAHESH RAMESH	16
8	INDE PRASAD PRAKASH	19
9	BHAVSAR VINEET SURESH	AA
10	SHINDE SIDRAM SUBHASH	17
11	KADAM ROHAN SHIVAJIRAO	16
12	SAYYAD AHAMED DASTGIR	12
13	JOSHI SAURABH VIJAYKUMAR	13
14	RAUT RUPESH GANGADHAR	12
15	PAWAR RAMAN BALASAHEB	11
16	KASBE SHUBHAM SURYAKANT	15
17	AADE UMESH GAJENDRA	14
18	DESHMUKH DHAIRYASHIL DHARAMARAJ	12
19	BANDE GOVIND KAKASHAEB	13
20	SHINDE AKSHAY NANASAHEB	15
21	UJEDE NIHAL MAHEBUB	AA
22	SHAIKH NAWAJ GULAB	17
23	UMBARKAR SHANTANU NISHIKANT	11
24	KORE SHRIKANT NANDKUMAR	10
25	PAUL SURAJ BALAJI	11
26	JADHAV NANDKISHOR LAXMAN	9
27	TOMPE VIVEKANAND DAYANAND	AA
28	SHINDE GOPAL MOHANRAO	10
29	KADAM ROHIT MADHAVRAO	11
30	JADHAV SHAILESH ANGADRAO	12



*Royal Education Society's*  
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**Certificate Program on Hardware and Networking**

Examination Result

31	MOGALE NILESH HANSRAJ	13
32	BHOSLE SHIVAJI JYOTIRAM	14
33	DOM DILIP VASANT	15
34	SURVASE SHIVAJI MOHAN	16
35	SATBHAI AKSHAY DEEPAK	17
36	SWAMI YOGESH SUBHASH	13
37	MAHAJAN NIKHIL RAJENDRA	12
38	BIRAJDAR ABHISHEK AVINASH	11
39	GHADGE PRAVIN MANIK	12
40	BHATIKARE SOURABH VIDHYADHAR	10
41	UDGIRKAR SHUBHAM SANJAY	AA
42	KULKARNI RUPESH MUKUNDRAO	12
43	CHOUNDE AJIT SHIVASHANKAR	8

In-Charge

