Event Category : Workshop	
Event Name:	" Campus Network Maintenance"
Date:	25th August 2021.

Workshop on Campus Network Maintenance

Pradeep H K, Associate Professor, Dept. of ISE, JNNCE, Shivamogga

Kalpana Chawla Seminar Hall, ISE Dept, JNNCE

25-08-2021

National Education Society (R.)

J N N College of Engineering, Shivamogga

(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC ~'B',
UG Programs:CE,ME,EEE,ECE,CSE,ISE,TCE accredited by NBA: 1.7.2019 to 30.6.2022,
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)

Department of Information Science and Engineering

You are all cordially invited for the

One Day Workshop
On
"Campus Area Networking Training"

25th August 2021 from 02:30PM

Presided By	**Dr. Manjunatha P** Principal, JNNCE, Shivamogga
Presence	**Dr.Rajath Hegde** Infrastructure Dean JNNCE,Shivamogga
	Dr. Sanjeev Kunte R HOD, Dept. of ISE, JNNCE, Shivamogga
Resource Person	**Mr. Pradeep H K** Associate Professor, Dept. of ISE, JNNCE, Shivamogga

Date: 25-08-2021   HOD and Staff Members of ISE

Workshop on Campus Network Maintenance

Pradeep H K, Associate Professor, Dept. of ISE, JNNCE, Shivamogga

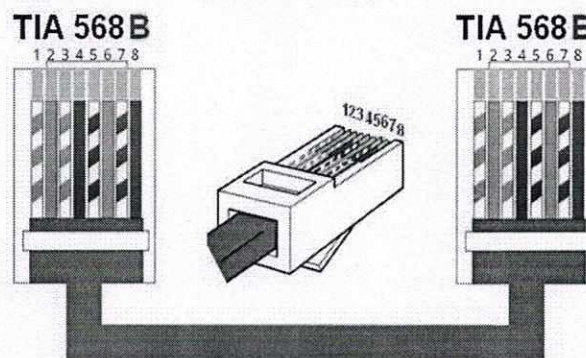Venue : Kalpana Chawla seminar hall, ISE Dept.   Date: 25-08-2021

I conducted one day workshop on Campus Network Maintenance to the instructors from all the department.

New team is formed by the Dean and Principal to decentralize the maintenance of Campus Network. These instructors will maintain their department network.

Following topics are covered

- Network topology
- Network hardware
    - Cable
        - Category 5 (100 mbps)
        - Category 6 (1 gbps)
    - Hub – absolute, not used
    - Switch – used in capmus network
    - Router, Wi-fi router – used in campus network,
    - Gateways – not used
- Firewall - used to control data flow to and from internet – Site restriction, band width control, protocol control, spam filter...
- UTM – User threat manager
- OFC link
    - Different mode, Speed, slicing
- Campus Back Bone network
    - Diagram, Interconnection of different blocks, types of OFC used - Old(multi mode) and New(Single mode) network
- Cable preparation -

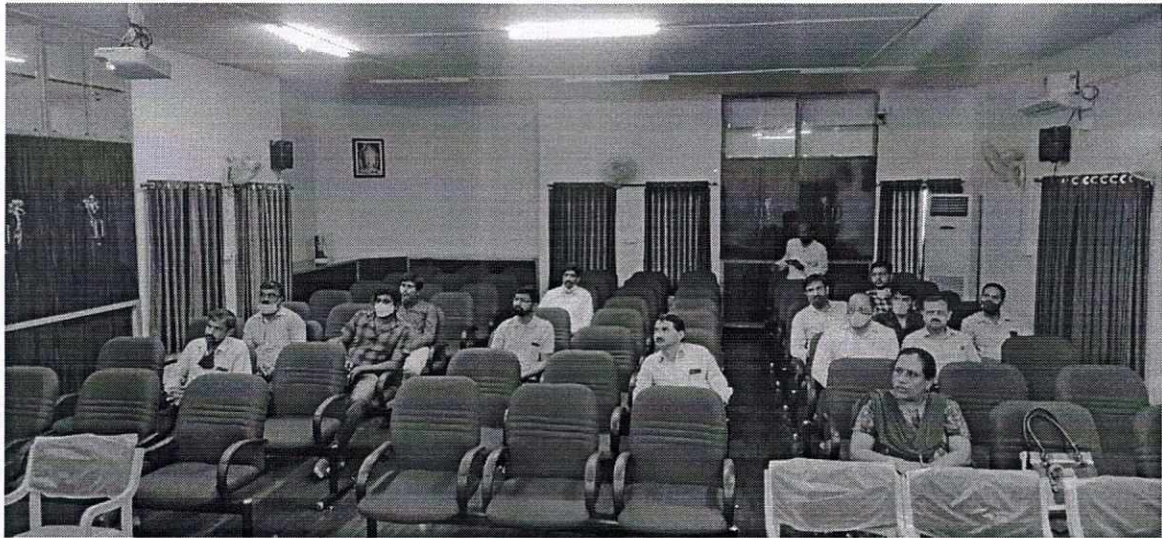## Straight Through Wiring EIA/TIA 568B

- Faults and solutions
- Firewall and User Threat management

Cable crimping, identification of switches, identification of downlink and uplink etc will be given to each instructor by visiting each department.

Sixteen instructors from different department of JNNCE and 2 faculty from D.S. Dinakar polytechnic College were present.

All participants appricated the workshop.

Attendance

JNN College of Engg, Shivamogga

Department of Information Science and Engineering
Worksop on Campus Area Networking.

Sl.No	Name	College	Department	Sign
1	Avali Tikare	JNNCE	CSE	
2	Shambulay S T		KIT	
3	R H Agnesh		CSB	
4	Avinash A R		ME	
5	Raghavendra S		CL	
6	Srilla Gao		CSE	
7	Jineesh Gya		MCA	
8	Amaresh M	Dr Dinax	CSE (Dip)	
9	Rugaraja R	DSDF	CSE (Dip)	
10	Vijayamuran N	SNNCE	CSE	
11	V Kuman	JNNE	ISE	
12	R Gubesindra	JNNCE	ISE	
13	Uttam Kumara M u	JNNCE	ESTE	
14	Sudhir Naik	JNNCE	MCA	
15	SHARATH S	JNNCE	TPC	
16	V Roy Tol	JNNCE		
17	Minali S M	JNNCE	MTA	
18	Venkategna N C.	JNNCE	CSCE	