



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(An Autonomous Institution since 2010)

Accredited by NAAC with 'A' Grade & NBA (Under Tier - I),

An ISO 21001:2018, 14001:2015, 50001:2018 Certified Institution

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

REPORT
on
A FIVE-DAY SHORT-TERM TRAINING PROGRAMME
on
“Computer Hardware and Networking”
(26th JUNE – 1st JULY 2023)

Lakireddy Bali Reddy College of Engineering (A) has organized A Four Day Short-Term Training Programme on “Computer Hardware and Networking” from 26th JUNE – 1st JULY 2023. This training program was organized by Department of CSE and have received an overwhelming response with more than 30 registrations from all the departments of our college. Out of them, we have shortlisted only 13 participants by giving preference to the Supporting staff (Lab Programmers).

Date: 26/06/2023

Inauguration:

STTP was inaugurated on 26/06/2023 by **Dr. D. Veeraiah, Professor and HOD, CSE Department and Convener of STTP** along with the **Resource Person, Mr. E.V. Satish, Technical Manager and Coordinator of STTP** **Dr. B.Siva Rama Krishna Assoc. Professor, CSE Department.**

Dr. B.Siva Rama Krishna, Coordinator of STTP, has welcomed all the delegates and participants to the STTP. In his speech, Mr. Satish has highlighted the main objective and

Importance of this Short-Term Training Programme. Along with this, he gave a brief intro about how the selection process has done and why we have given preference to the record assistants and lab assistants.

In his Inaugural Speech, **our HOD, Dr. D. Veeraiah**, gave his insights about the **Computer Hardware and Networking**. And he explained PC architecture and hardware components such as motherboard, RAM, Hard drive, and CPU. He also conducted hands on session based on the theoretical part.

Day 1: 26/06/2023

Topic: Basic Computer Hardware and Networking

Resource Person: Mr.E.V.Satish, Technical Manager.

Our Resource Person, **Mr.E.V.Satish**, Technical Manager, started his lecture by giving clear insights on He explained the basic concepts related to windows installation, troubleshooting, partitioning the hard drive with demonstration

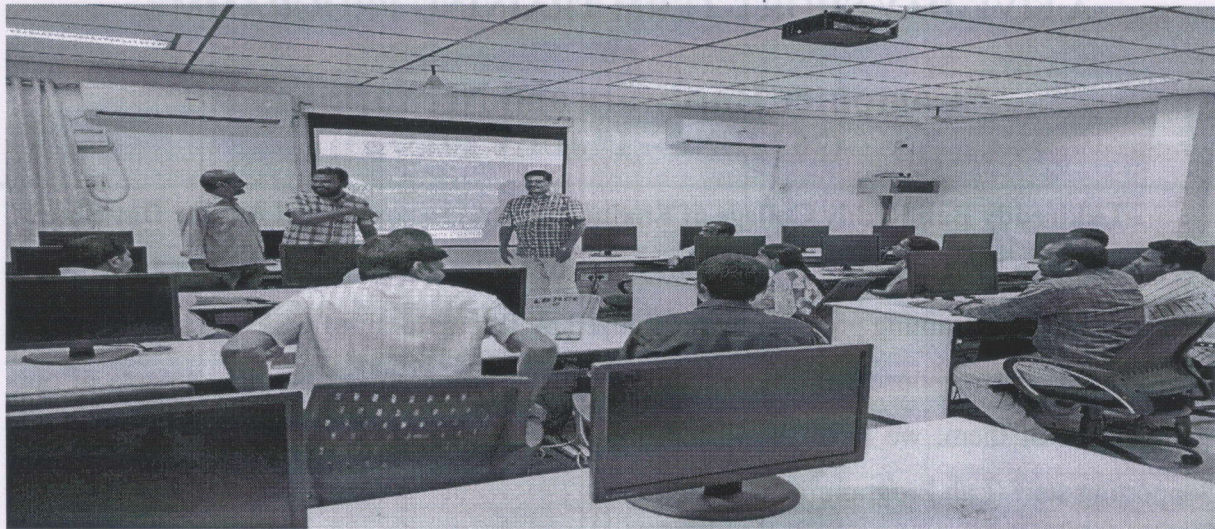


Fig. 1: 26/06/2023 – Session Mr. E.V.Satish, Technical Manager on Computer Hardware and Networking

Day 2: 27/06/2023

Topic: Introduction to hardware material motherboard, SMPS, RAM, Hard disk

Resource Person: Mr.E.V. Satish, Technical Manager

Our Resource Person, **Mr.E.V.Satish**, Technical Manager, started his lecture by giving clear insights on the usage the basic concepts related to hardware material motherboard, SMPS, RAM, Hard disk etc. Installation of windows operating system.

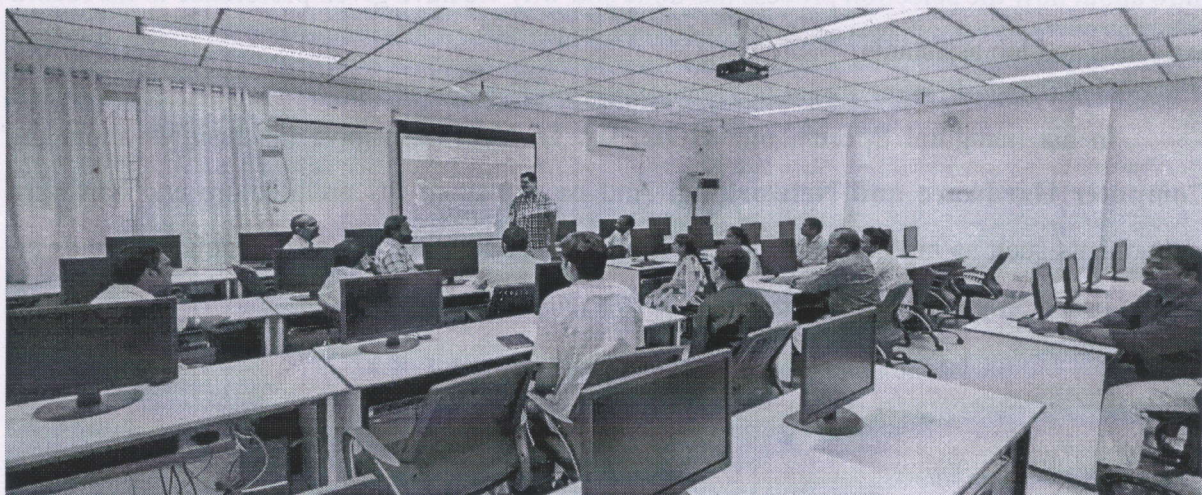


Fig. 2: 27/06/2023 – Session by Mr.E.V. Satish, Technical Manager on Basics of Hardware

Day 3: 28/06/2023

Topic: Introduction to Networking.

Resource Person: Mr.E.V.Satish, Technical Manager

Network. Our Resource Person, **Mr.E.V.Satish**, Technical Manager, started his lecture by giving clear insights on the previous day topic. Then he started his session by giving clear lecture on advanced concepts of networking access devices like LAN card, wireless router, router, Switch, Bluetooth etc. Introduction to cat cable & Crippling, making cross cable & straight cable. Introduction to topology, layer structure, layer structure simulation by video. Making LAN & WAN

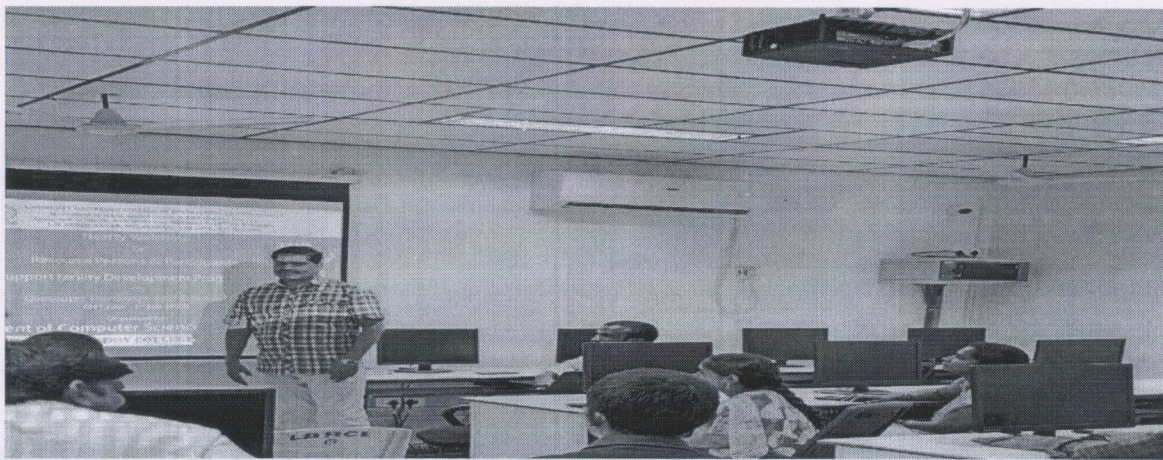


Fig. 3: 28/06/2023 – Session by **Mr.E.V.Satish**, Technical Manager on Advanced Concepts of Introduction to the networking.

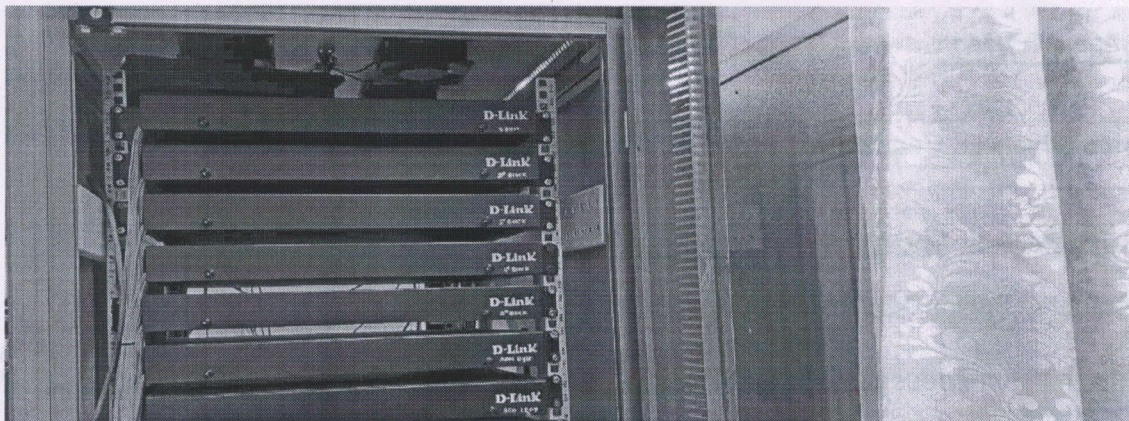


Fig. 4: Networking.

Day 4: 30/06/2023

Topic: Advanced Concepts of Router configuration.

Resource Person: Mr.E.V.Satish, Technical Manager

Our Resource Person **Mr.E.V.Satish**, Technical Manager, started his lecture by giving clear insights on the previous day's topic. Then he started his session by giving clear lecture on advanced concepts of Peer to Peer network & Server – Client configuration, Installation of windows server & active directory, Active directory management & user authentication, Client connection.

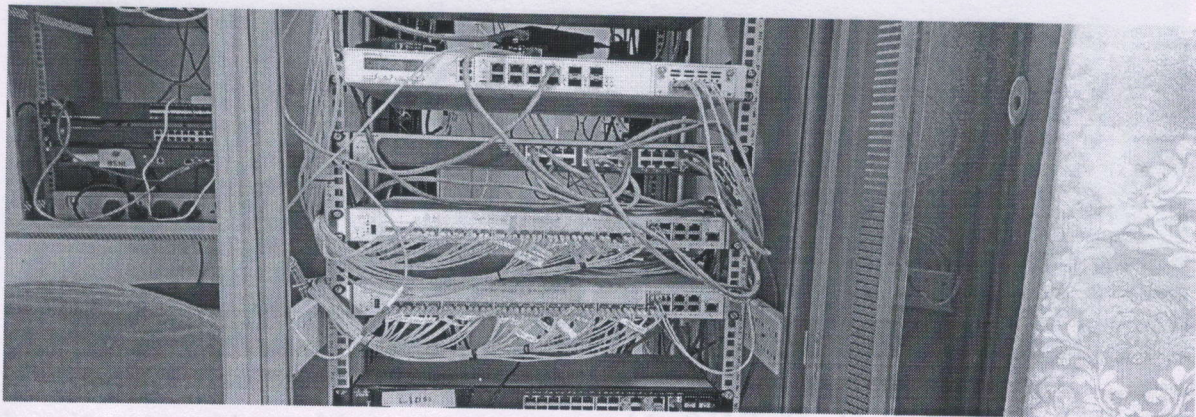


Fig.5: – Router configuration

Day 5: 01/07/2023

Topic: Advanced Concepts of Switches & Router configuration.

Resource Person: Mr.E.V.Satish, Technical Manager

Our Resource Person **Mr.E.V. Satish**, Technical Manager, started his lecture by giving clear insights on the previous day's topic. Then he started his session by giving clear lecture on advanced concepts Network switches & router configuration, to change router passwords from default to new to increase the security.

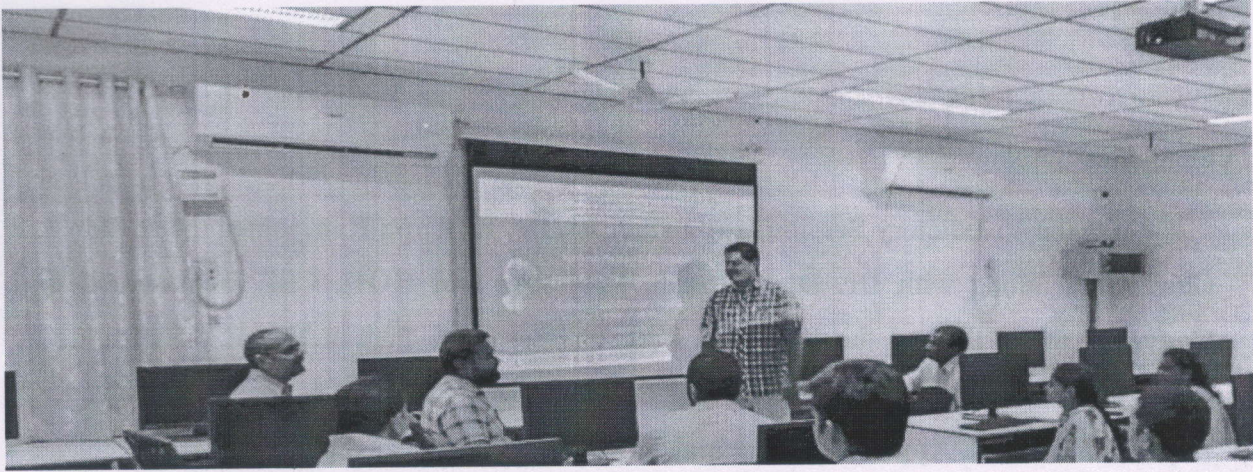


Fig.6: 01/07/2023 – Session by **Mr.E.V.Satish**, Technical Manager, on Advanced Concepts of Router configuration.

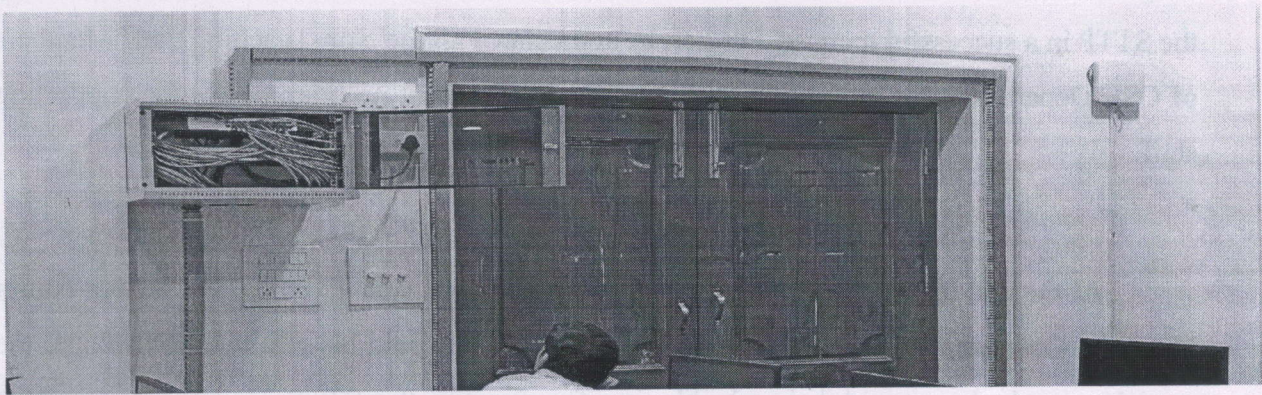


Fig. 7: Network Switches

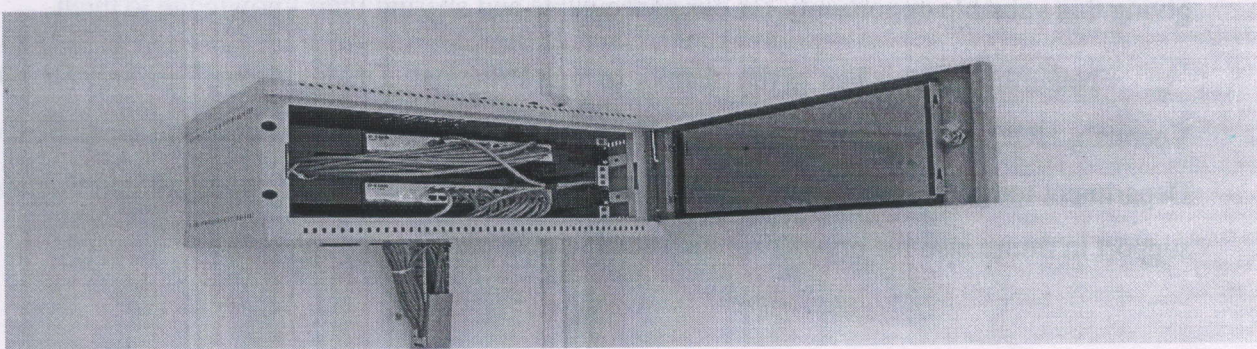


Fig. 8: Network Switches

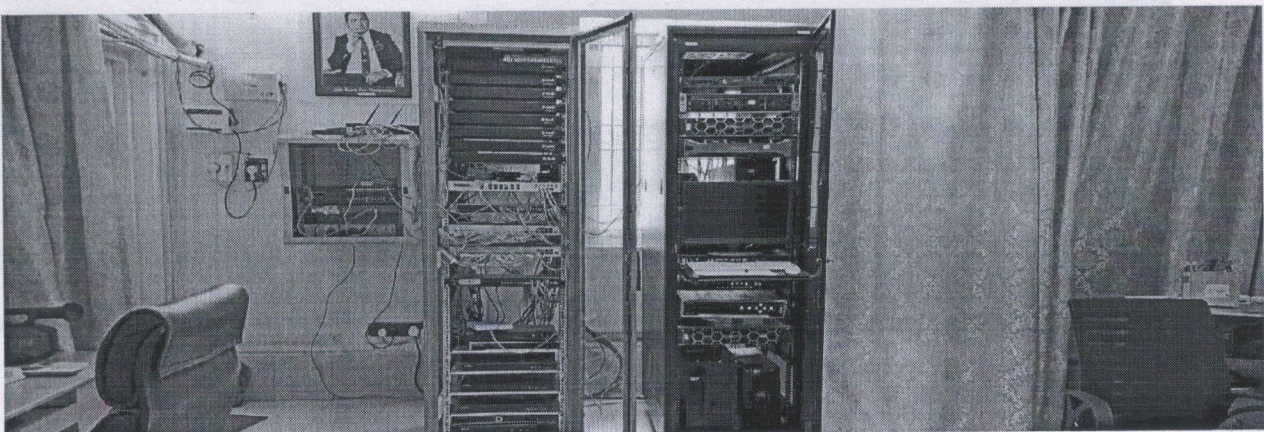


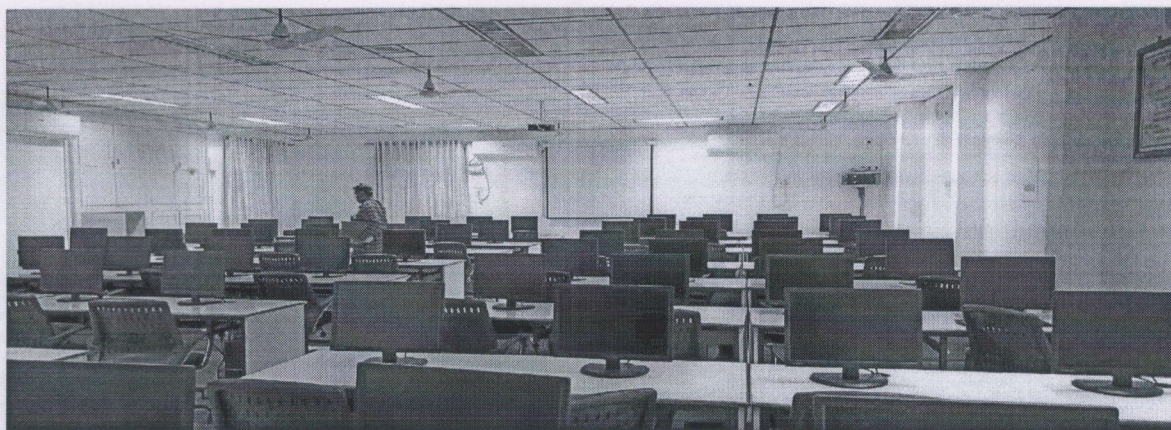
Fig. 9: Network Switches & Routers

Valedictory Session:

On the Valedictory Session, our Principal, **Dr. K. Appa Rao**, joined the session as a Chief Guest along with **Dr. D. Veeraiah**, Professor and HOD, CSE Department and Convener of STTP and the Resource Persons, Resource Person, **Mr. E.V.Satish**, Technical Manager and Coordinators of STTP, **Dr. B.Siva Rama Krishna** Assoc. Professor, CSE Department **Dr. K. Appa Rao**, Principal, LBRCE(A), in his valedictory addressing, thanked every participant of STTP and he thanked our Resource Persons Resource Persons, **Mr. E.V.Satish**, Technical Manager for taking their 4 days of time to our STTP and congratulated the Program Convener **Dr. D. Veeraiah** and Coordinator **Dr. B.Siva Rama Krishna** for organizing the STTP in a successful manner. Further, he appreciated all the Non-Teaching Staff Members of CSE Department for promoting such kind of development programme for the supporting staff.

At the end of the valedictory session, vote of thanks was given by **Dr. B.Siva Rama Krishna**, Coordinator of the STTP in which he has been paid his gratitude towards all the participants who has spared their valuable time for attending this STTP. He also expressed the gratitude to the Resource Person, Principal, Head of the Department and Management for giving this valuable opportunity for our participants and sharing their knowledge to them.

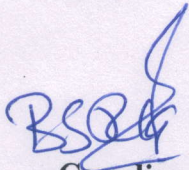
Nevertheless, he has given thanks to our Principal, **Dr. K. Appa Rao** and **Dr. D. Veeraiah**, HOD, CSE Department, "We are highly thankful to the Principal and Head of the Department for giving a chance to organize this STTP in our campus and hope we will find the support in future also for organizing such kind of activities."



(Handwritten signature in red ink)

Feedback from the Participants:

The feedback of the participants was very positive and motivational for the organizers. The participants felt very happy for conducting the STTP on Computer Hardware and network which is very useful for them in Day-to-Day activities. They have learned a lot on Computer Hardware and network in both theoretical and practical manner. They said that this program was very useful and helpful for them in their works and career also. All the participants appreciated the sessions by our Resource Person and the arrangements made by the organizers.



Coordinator

(Dr. B.Siva Rama Krishna)



Convener

(Dr.D.Veeraiah)