



Engineered for Tomorrow

Workshop

India's Biggest Networking Championship (IBNC) workshop on Cisco Networking

The event took place at Smt Rajalakshmi Jayaraman Seminar Hall on 11th of August, 2012 from 8.00am to 5pm. The event started by an opening ceremony by Dr.M Shivakumar. Dr.M Pauline (HOD, dept of CSE) has given an Introduction of the event and trainers were introduced by 6th sem students, Situna and Tanushri. 180 students from various departments of MVJCE have participated. Trainers were Mr.Kalyan, Mr. Sai, Mr Deepak & Mr. Manish. Mr.Kalyan explained the basics of computer networks, Networking fundamentals and networking devices in detail.

Mr. Kalyan started with the detailed session on OSI Model with all the layers of OSI, focussing the difference between OSI and TCP/IP. He also explained the concept of IP Addressing, CIDR & VLSM by giving many examples of IP address. He also explained how to find the 1st and last network address and broadcast address. Then we had a lunch break.

Explanation about IOS basics and explained how the live working of real devices from CISCO, telnet, secure shell,Networking/Simulation basics in detail and in an interactive way, configuration of application layer protocol like DHCP,DNS. Hands on session using packet tracer software was an interesting entry to the networking concepts. Mr. Kalyan has Introduced the routing protocols and live configuration - Static, Default and dynamic routing in an interactive way and giving real time examples. Hands on session on devices, bring out how to configure devices and how to connect routers, switches and end users in the packet tracer software. Session the topic Switching , working of a switch , MAC table building process VLAN ,inter VLAN,VLAN trunking protocol ,spanning tree protocol in detail and in an interactive way.

IPv6 and Difference between IPv4 and IPv6 along with how to represent the IPv6 address are explained. Finally two round competition was conducted. In the first round of practical session, 25 people got selected and went through theory exam descriptive type questions. From that the winners were selected.

The Workshop comprised with following themes:

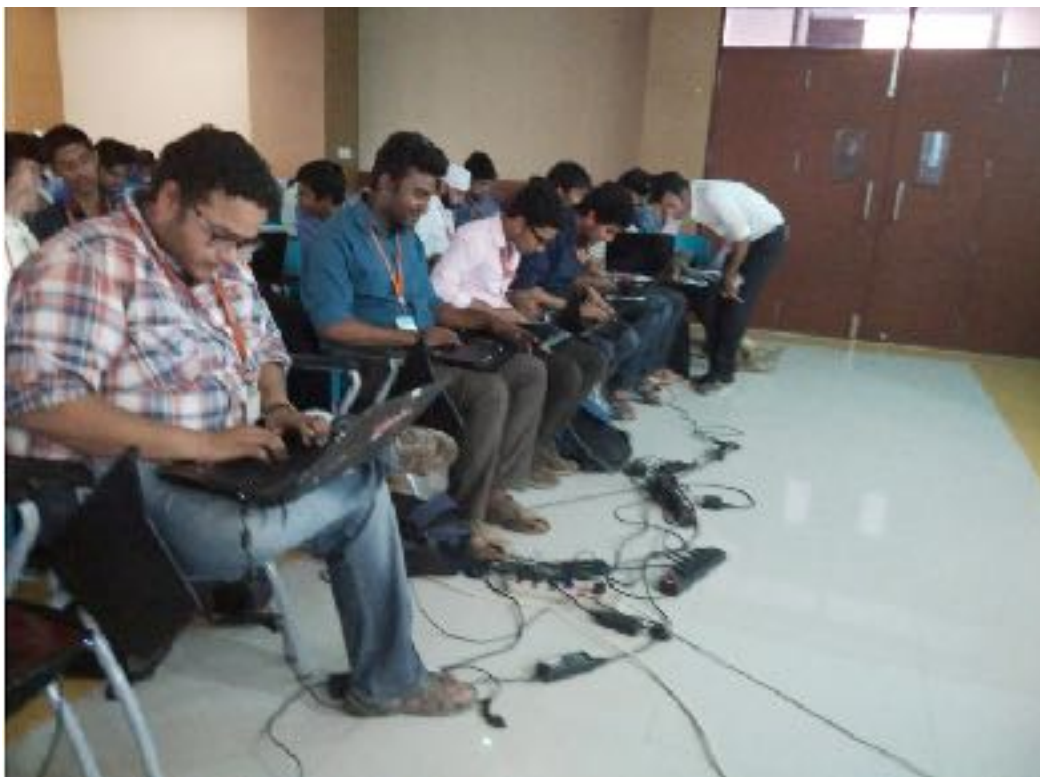
- Networking Fundamentals & Networking Devices
- OSI Model, OSI v/s TCP/IP
- IP Addressing, CIDR & VLSM
- IOS Basics, LIVE WORKING of REAL DEVICES,
- Telnet, Secure Shell, NETWORKING/SIMULATION
- SOFTWARE BASICS
- Configuration of Application Layer Protocols-DHCP, DNS
- Introduction to Routing Protocols & Live
- Configuration-Static, Default & Dynamic Routing
- SWITCHING: Working of a Switch, MAC Table Building
- Process, VLAN, Inter-VLAN, VLAN Trunking Protocol,
- Spanning Tree Protocol
- IPv6



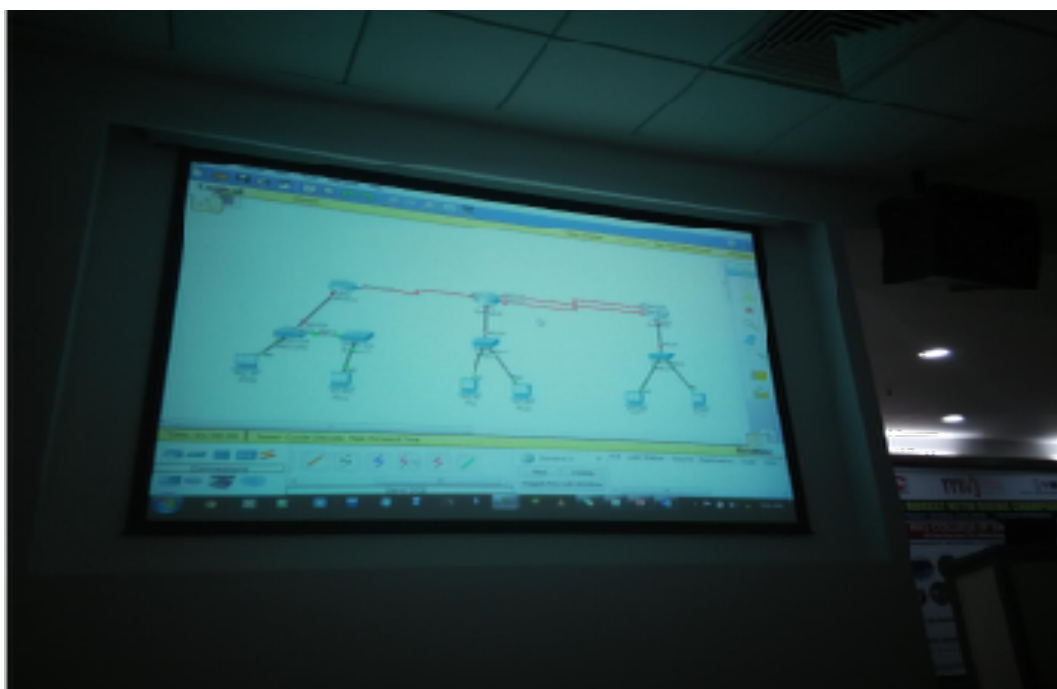
Participants during the session



Advisor of MVJCE addressing
the students



Students involving themselves in
Hands-on Session



Slides that illustrated the Real-time



CISCO trainers interacting with students

The Selected students list for final round

1. Anubhav Arukia
2. Raushan Gaurav
3. Siwalik Mukherjee
4. Aakash A.Punekar
5. Shruti- 9036019841
6. Amit kumar

Students attended final round conducted in IIT Delhi.

At the end of this 2 days workshop the students got the idea about recent networking technologies and Computer Networks is the subject in the academics. Since there is no lab this subject, this workshop will help the students to know about the networking technologies and how they are implemented in real time. With the help of this workshop the gap between curriculum and Industry is filled, We have attained the PO's **Conduct investigations of complex problems, Modern tool usage, The engineer and society, Environment and sustainability, Lifelong learning.**

This Workshop on Networking has provided an ability to understand analyze and develop computer programs in the areas related to networking for computer based systems of varying complexity.

The practical sessions have helped the students to find solutions for real world problems with a broad range of programming languages and open source.

Students name list:

PHYSICS CYCLE

| NAME OF THE STUDENT |
|----------------------------|
| Prakhar Vighnesh |
| Praveen Kumar C |
| Soumyadip |
| Yashawanth R |
| Vikram Purohit |
| Syed Atif Ahmed |
| Sushith Rai |
| Akarsh V. Hebbar |
| Arjun Goel |
| Chandan M S |
| Akash Nambiar |
| Arunima Ray |
| Shivam Nayak |
| Ankit Kumar |
| Anuj Kushwaha |
| Gaurab Ganguly |
| Bhaskar Jha |
| Shubham |

CHEMISTRY CYCLE

| NAME OF THE STUDENTS |
|-----------------------------|
| Nandeesh |

CSE DEPARTMENT

| NAME OF THE STUDENTS |
|-----------------------------|
| Preeti |
| M.A.Nithyashree |
| Kavya K |
| Rubia Ahmed |
| Anitha R |
| Meenakshi |
| P. Joesphine |
| Roushan Sabha |
| Gurunatha Reddy |
| Kunal Singh |
| Nikhil Reddy |
| Nithesh |
| Raj Vighnesh |
| Amrutha |
| Anitha R |
| Arijit Banerjee |
| Aakash A Punekar |
| Abhishek Acharya |
| Aishwarya R |
| Akash Sharma |
| Amogha H R |

MECHANICAL DEPARTMENT

| NAME OF THE STUDENTS |
|-----------------------------|
| Suraj K S |
| Vishal |
| Saptarshi Sarkar |

| |
|----------------|
| Ankita Das |
| Anubhav Arukia |
| Anusha M S |
| Anwasha Das |

AERONAUTICAL DEPARTMENT

| NAME OF THE STUDENTS |
|-----------------------------|
| Santosh B |

INFORMATION SCIENCE

| NAME OF THE STUDENTS |
|-----------------------------|
| Divya Unni |
| Divyashree S |
| Indushree A |
| Srusti C Velur |
| Smitha M |
| Srushti D K |
| Vishal P |
| Nisarga P |
| Haren |
| Karthik K |
| Monica C H |
| N Meghana Reddy |
| Pawan Kumar R |
| Pavan Kumar B |
| Pradeep Kumar B S |
| Najma |
| Shresth |

EC DEPARTMENT

| NAME OF THE STUDENTS |
|-----------------------------|
| Akhilesh |
| Devakinadan Simha |
| Dharamvir |
| Divyam Nayyar |
| Harshita R. |
| Jayanth A |
| Aakash s |
| Abhijeeth |

| |
|------------------|
| Ayesha Sumrin S |
| Bhavani L |
| Bhavya S |
| Bhanupriya Rai |
| D.Swapnesh |
| Deepak Kumar Ram |
| Deepika |
| Dhanya V |
| Divya C K |
| Divyashree N |
| Girish N |
| Grishma Pradhan |
| Guruprasad Rane |
| Guruprasanna H |
| Harshitha P |
| Hemanth R |
| Jesvin Thomas |
| Sharmila |
| Shaya D |
| Supriya B R |
| Karthik H R |
| Lavanya G |
| Ankit Kumar |
| Lava Kumar |
| Tanushri G |
| Situna kushal |
| Ajay Poudyal |
| Sanju N J |
| Sharath R |
| Shristi Bose |
| Shwetha R V |

| |
|-----------------|
| Theja |
| Yamini |
| Shwetha K |
| Annapoorna |
| Bharath Kumar K |
| Jagjit Singh |
| Zohara |
| Sunil Kumar K |
| Trisha Saloni |
| Vijay Raj |
| Saurabh Mishra |
| Shree Harsha |
| Mansoor Pasha |

| |
|-------------------|
| Sivaranjini S |
| Siwalik Mukherjee |
| Smriti Singh |
| Soham Krishna G |
| Sohini Pal |
| Suma R |
| Sushma K |
| Sushma M Pai |
| Vandana Yadav |
| Vedika |
| Swati Kharpor |
| Vinaya H A |
| Vyshali Bhat |

TELECOMMUNICATION DEPT.

| NAME OF THE STUDENTS |
|-----------------------------|
| Priya Ramesh S |
| Aneesh Harish Kumar |
| Achyut Pramod |
| Pooja M |
| Pooja N V |
| R. Naren |
| Rini Samuel |
| Sardendu |
| Saurabh S J |
| Suvash Deb |
| Shwetha R. |
| Harsha v Nair |
| Ganapathy A.A |
| Vidhydhar Shetave |
| Rudresh |
| Sindhur K S |
| S. Rakshit |

| |
|-------------------|
| Yatisha M J |
| Yatisha N P |
| Shreeram Mirajkar |
| Suhas A |
| Shek Ismail |
| Jyoti P |
| Nethravathi C N |
| Varsha Mavinasara |
| Prasanna Kulkarni |
| Vishal Mishra |
| Aayush Tripathi |
| Aditya Sharma |
| Chandana M |
| Kovida |
| Arun G |
| Noumaan Naseer |
| Prasant Singh |
| Sangeetha |

| |
|-------------------|
| Sandeep |
| Shwetha Ranganath |
| Meghana S. Bhat |

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|--------------|
| Pushpa M |
| Vinay |
| Sachin Maiya |
| Bhavish |
| Chandan |



Feedback Form

| TITLE OF THE EVENT |
|---|
| India's Biggest Networking Championship (IBNC) on CISCO Networking |
| PARTICIPANT INFORMATION |
| Name: |
| Semester: |
| Date and Time |
| EVALUATION (P THE RELEVANT COLUMN) |
| SCALE: 1- STRONGLY AGREE; 2 – AGREE; 3 – NEUTRAL; 4 –DISAGREE; 5 – STRONGLY DISAGREE |
| 1 2 3 4 5 Comments |
| 1. The pre-event administration was appropriate and informative. |
| 2. The event was scheduled at a suitable time. |

3. The event facilities and location were appropriate and satisfactory.

4. The event material was presented in a clear and organized manner.

5. The presenter responded to questions in an informative, appropriate and satisfactory manner.

6. Handouts (if provided) were clear and useful.

7. Overall, the session was informative and valuable.

8. Other Useful Comments:

