



# **An Industrial Visit**

## **to**

# **BISAG**

**Name of School : School of Engineering**  
**Department : Computer Engineering**  
**Date of Activity : 10 - 01 - 2017**

<b>Activity Type</b>	Expert Lecture		
<b>Date</b>	10-Jan-2017	<b>Duration</b>	1 Day
<b>Semester</b>	6 <sup>th</sup>	<b>No. of Students</b>	25
<b>Expert Name with Designation</b>	Mr. Jasmin Thadser, Network Analyst		
<b>Name of Organization</b>	IIHT, Ahmedabad		
<b>Expert contact details</b>			
<b>Faculty Coordinator</b>	Prof. Nehal Rajput		
<b>Faculty contact details</b>	Nehalrajput.ce@venusict.org		
<b>Sponsoring authority</b>		<b>Sponsorship amount:</b>	

### About the activity:

Setting up a computer network is a fast and reliable way of sharing information and resources within a business which can help you to make the most of your IT systems and equipment. Through this expert lecture student learnt about networking fundamentals. Everywhere in the world, technology is changing the way we live and work. Combined with an entrepreneurial spirit, these digital skills can help you stand out in the job market, forget your own path, and even empower you to do work with a purpose. He explained Next Generation Internet and Learning from the Social Media. There are also very good opportunities of obtaining jobs in this field. Keeping this view in prime, this lecture was arranged for the students of 6<sup>th</sup> Semester Computer Engineering.

The covered topics in the expert lecture were Routing Protocols, Practical on Router and Switch, TCP/IP Model and Default, Static and Dynamic routing protocol methods. Using a network, people can communicate efficiently and easily via e-mail, instant messaging, chat rooms, telephony, video telephone calls, and videoconferencing, Sharing hardware. In a networked environment, each computer on a network can access and use hardware on the network. Mr. Jasmin Thadser discussed about Latest Trends in Architectures of Computer Networks. He focused on Simulating Computer Networks using NS-2. He explained Next Generation Internet and Learning from the Social Media.

There are also very good opportunities of obtaining jobs in this field. Keeping this view, this lecture was arranged.

The lecture was started @ 10:00 am with the introduction of Mr. Jasmin Thadser which was given by Prof. Nehal Rajput

The following topics were covered in details:

- 1) History of Internet
- 2) Routing Protocols

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- 3) Practical on Router and Switch
- 4) OSI Model
- 5) TCP/IP Model
- 6) Packet Tracer
- 7) Practical using packet tracer software
- 8) Default, Static and Dynamic routing protocol methods

**About expert:** Mr. Jasmin Thadser discussed about Latest Trends in Architectures of Computer Networks. He is expert in Simulating Computer Networks using NS-2

**Outcome (Benefits to students, faculties, school and university):**

Any type of network problem can result in significant amount of loss in productivity and therefore, companies big and small require skilled and trained IT staff to handle all types of technical issues. This lecture reveals the opportunities in networking field.

Through this expert lecture student learnt about networking fundamentals. Everywhere in the world, technology is changing the way we live and work. Combined with an entrepreneurial spirit, these digital skills can help you stand out in the job market, forget your own path, and even empower you to do work with a purpose.

**Photographs:**



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