

**DATE: 10/12/2020**

**Event Coordinator(s)**

 Prof. Shailaja Udtewar

**Time & Place:**

10<sup>th</sup> December 2020

5:45 p.m. to 6:45 p.m.

Google Meet

**Department:**

Electronics and  
Telecommunication

**No. of participant:**

38 Students

BE EXTC

**OBJECTIVE:**

Electronics and Telecommunication department had organized a guest lecture on "Optical Link Networks" for Final year students under the subject optical communication System by Prof. Shailaja Udtewar. This lecture was arranged so that students will have a glimpse of different architectures and approaches for next generation optical networks. The benefits and challenges of each approach and real time life use cases will be explored.

**SCOPE:**

This lecture was arranged for final year EXTC students to make the students aware that optical link design for long-haul point-to-point communication systems is not only to meet the system requirements, but also to make it cost efficient.

**OUTCOMES:**

Design a fiber optic link based on link power budget and rise time budget.

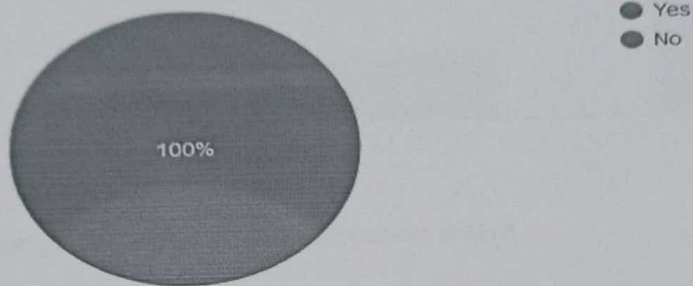
**RESOURCE PERSONS:**

Prof. Anand Vijay Sutar  
Associate Professor,  
Bharati Vidyapeeth College of Engineering,  
Navi Mumbai.

FEEDBACK:

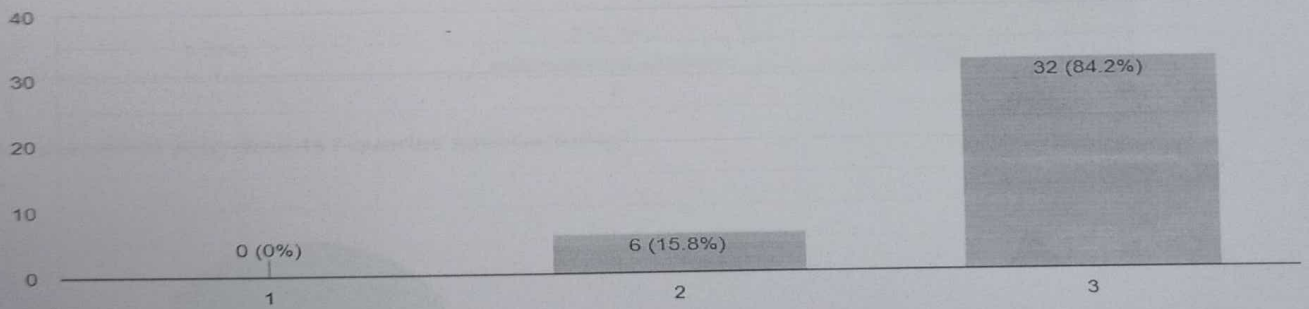
Was the topic related to latest development in field?

38 responses



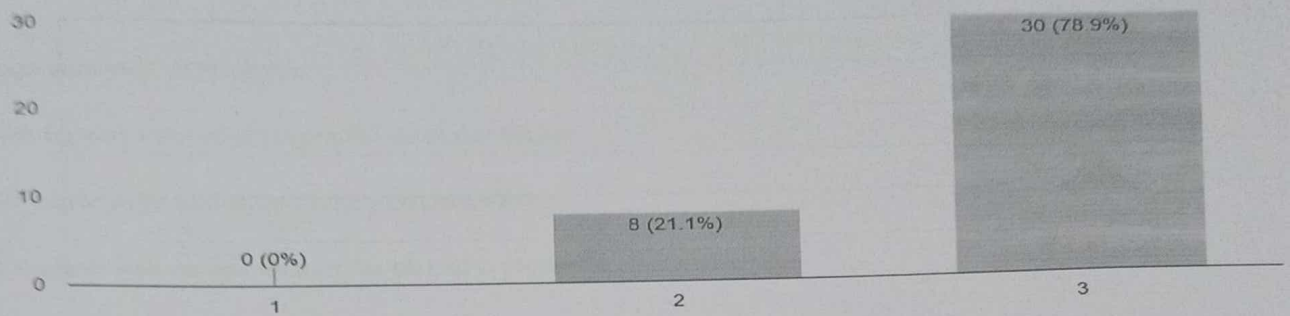
How satisfied were you with the session content?

38 responses



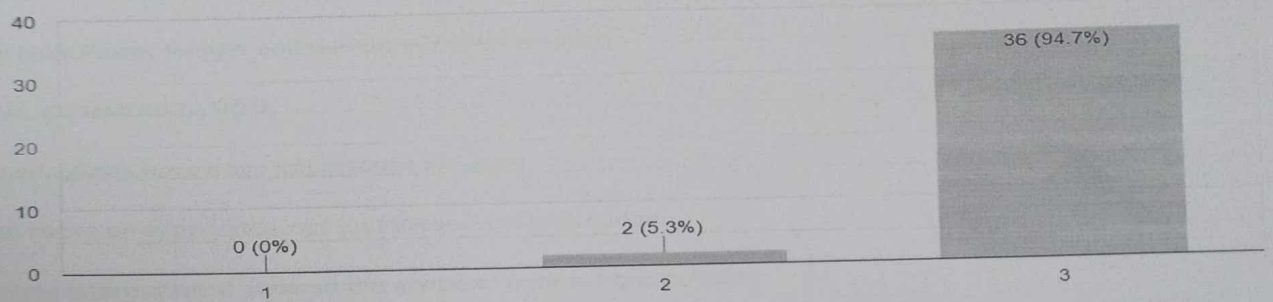
### How would you rate this session?

38 responses



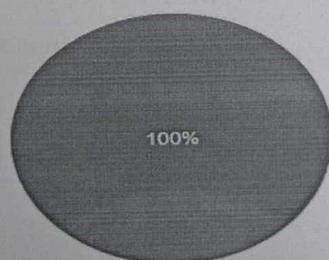
### How would you rate speaker's knowledge and presentation skills?

38 responses



### Did speaker answered your doubts / queries satisfactorily?

38 responses



- Yes
- No



What were your key take-aways from this session?

38 responses

Session was very informative

Everything was very advantages for us in our future

Got to know more about Optical communication

This session was an eye opener for all EXTC students

He explained all the related topic in detail

Relevant optical fiber parameters and applications.

learn about the features and upcoming technology in fibre optics

Optical links, Power budget and rise time budget analysis.

OPTICAL COMMUNICATION

Communications have huge importance in future

Need to focus on experience, not just theoretical knowledge.

It was very informative, it showed the scope of optical fibre in future

We learned about the design specifications of the system and the structure of optical networks.

GOOD and quite informative of how avalanche diode Or pin diode work

knowledge on optical links

Really good

Optical fiber is vast and future proof technology, The future is dependent on optical fiber

It was good

rise time, intermodal & intramodal dispersion

Latest development in OC

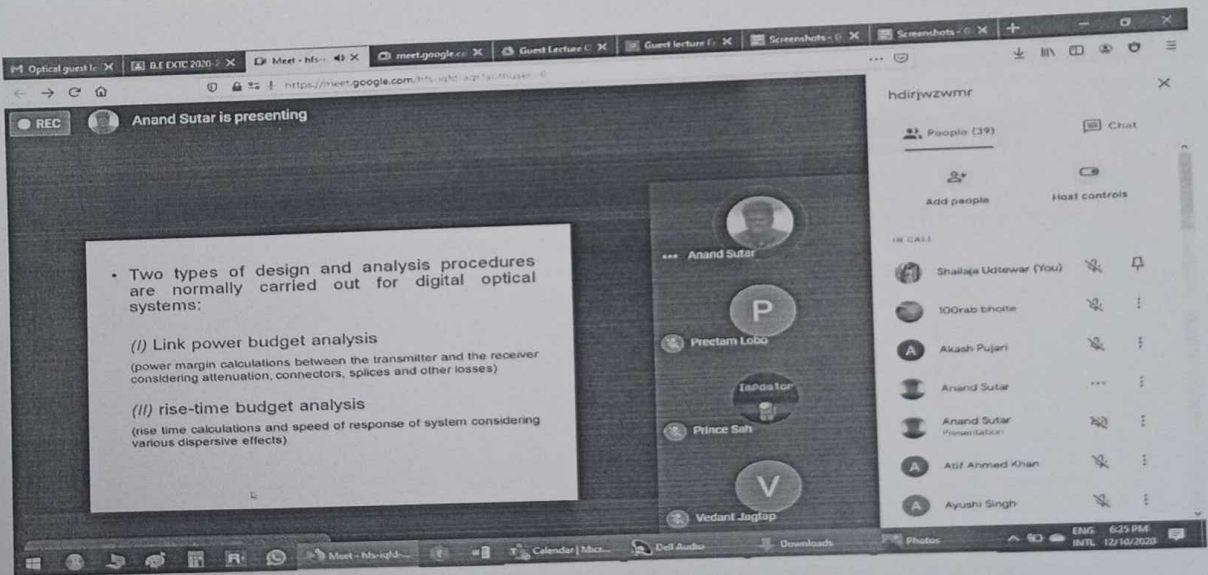
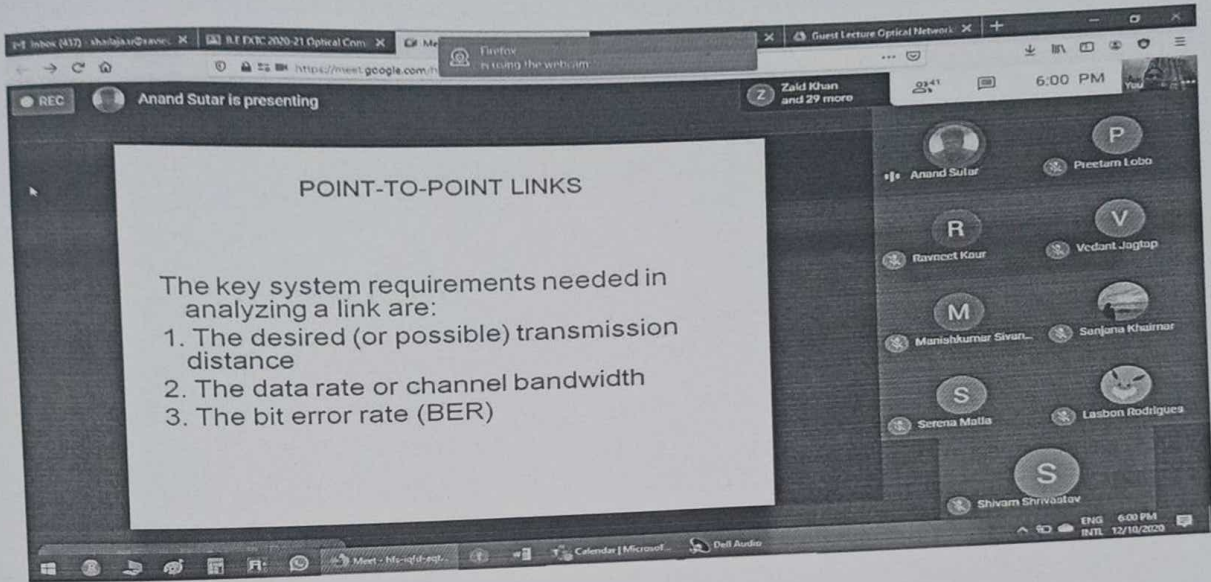
link design

Got to learn more about optical network

● We got to know about recent trends in optical communication industry

Newer trends in optical networking and communications

SCREENSHOTS:



Prof. Shailaja Udtewar

Subject In-charge

Dr. Vidya Sarode

HoD, EXTC