Webinar on "Introduction to Multi-Terabit Transmission System"

- IEEE Photonics Society Student chapter, MNIT Jaipur organized a webinar on "**Introduction to Multi-Terabit Transmission System**" by Mr. Shekhar Kumar, Associate Manager, Sterlite Technologies Ltd., Maharashtra, India on 23rd October, 2020.

- Mr. Shekhar Kumar is working with Sterlite Technologies Limited as Associate Manager of research & development centre of excellence-optical physics & system engineering. After completing MTech in ECE from MNIT, JAIPUR Mr. Shekhar joined Reliance Jio, Rajasthan in 2015 where he looked after network operation of Rajasthan circle and then in 2016, he moved to JIO headquarters where he took care of DWDM transport operation at National level. In 2018 he joined R&D Center of Excellence at Sterlite Technologies as an Associate Manager where he takes care of Multi-Terabit Communication LAB. Recently, he has built 200/400G Test Bed which is a state of art in itself.

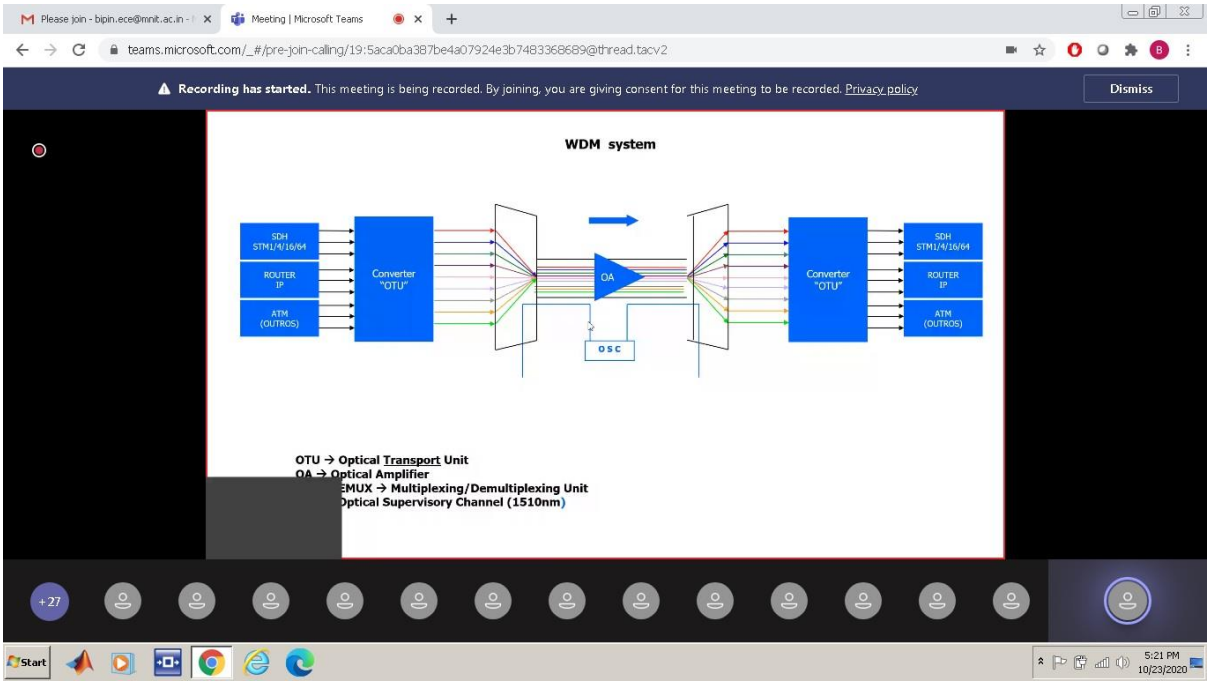
- Ms. Poonam addressed all the participants about this event and introduced to Mr. Shekhar Kumar. It was then followed by the lecture of Mr. Shekhar Kumar. During the lecture, Dr. Arvind explained about the WDM system, 100G/200G DWDM transmission system for metro and long network systems. He also showed the received and transmitted spectrum at mulit terabit transmission system. He explained about different evolution to increase the optical fiber capacity. After completion of the webinar participants interacted with the dignitary. Through the interaction, several other information about modulation system at the transmitter of mulit terabit transmission system is discussed.

- The event was ended with a thanks note given by Ms. Poonam and IEEE Photonics Society Student chapter faculty advisor Prof. Vijay Janyani. The event was successful with the presence of Ph.D. scholars, M.Tech students and B.Tech students from different colleges of Jaipur.

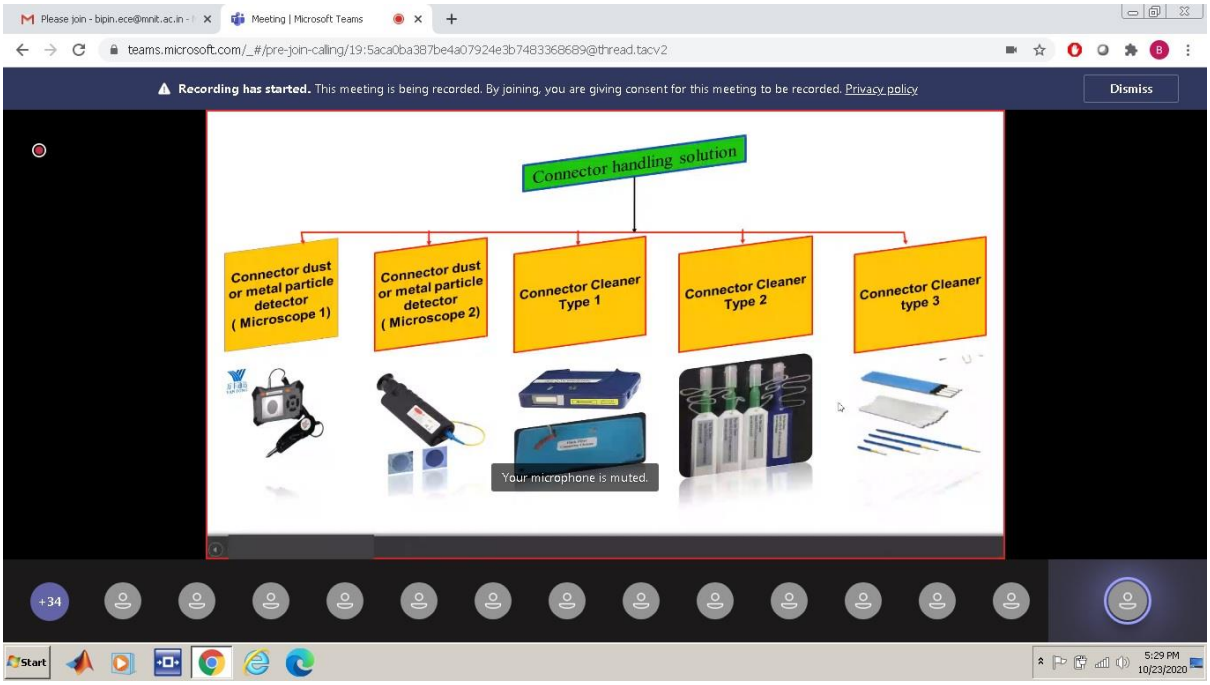
- Planning and event execution:
  - For the announcement of the event, a poster was created with the details of the registration link.
  - The students registered through a google form in which along with their personal details they had to submit their email ID.
  - The webinar was organized on MICROSOFT TEAMS.
  - After the lecture, a feedback survey link was provided to all the participants.
  - The e-certificates were issued to all the participants of the webinar.

Event Photographs

Poster designed for the event



Snapshot during lecture



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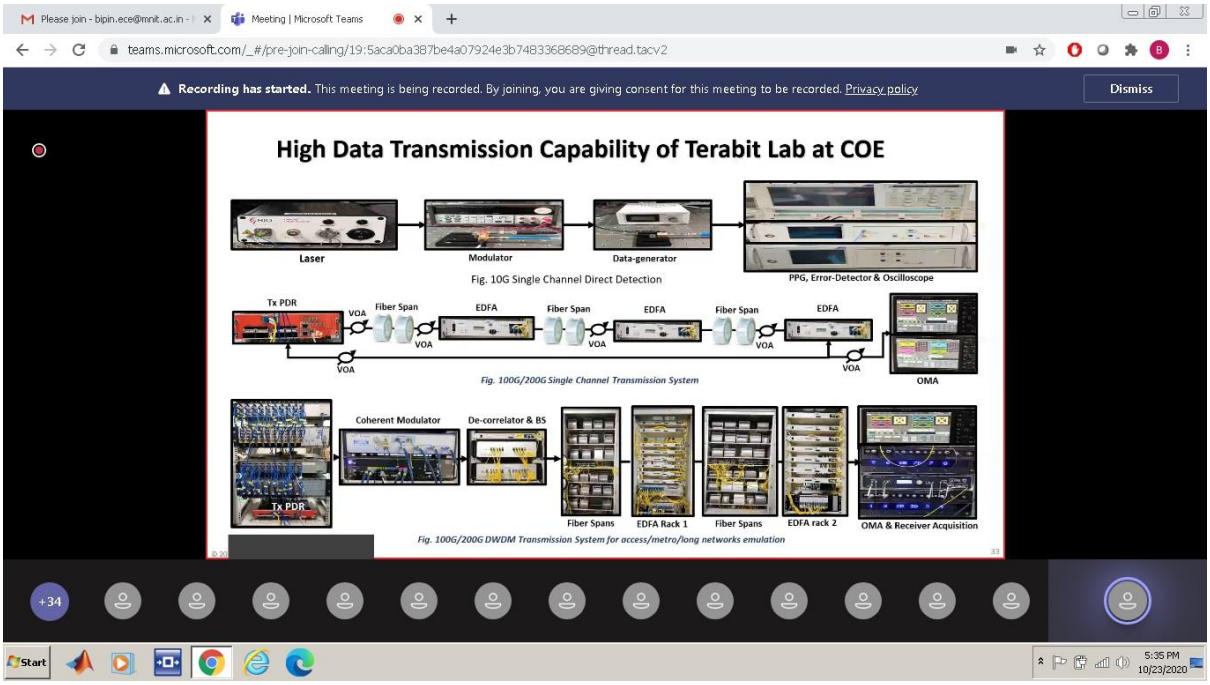

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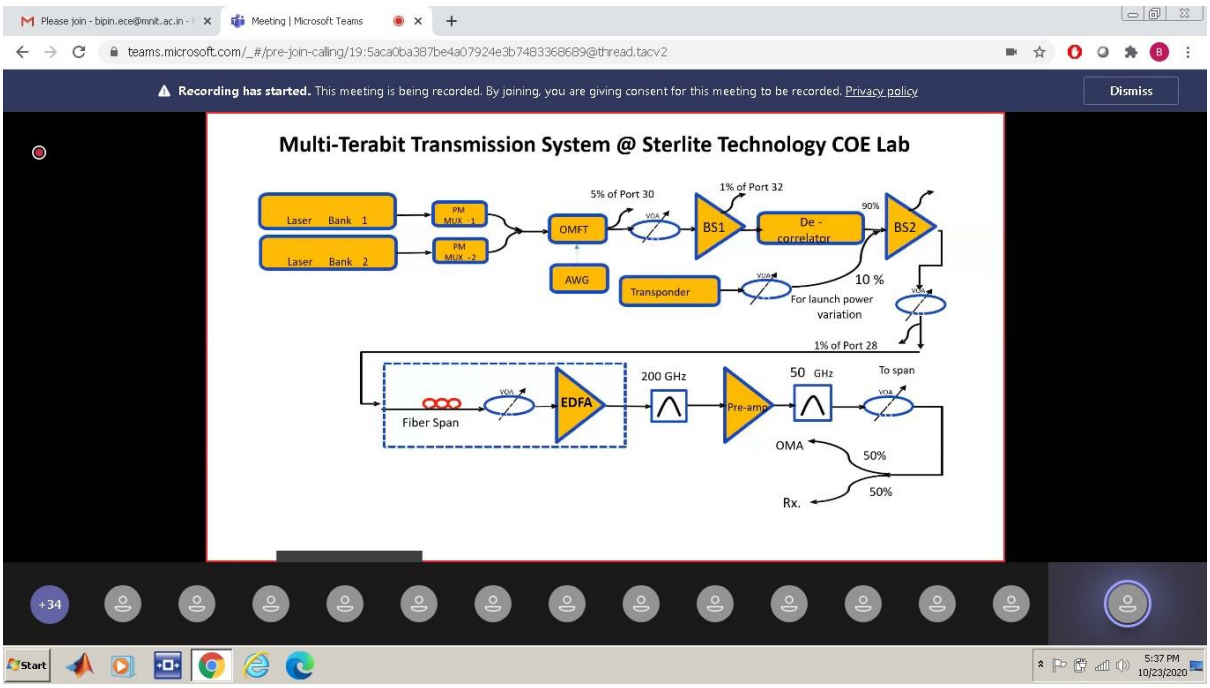

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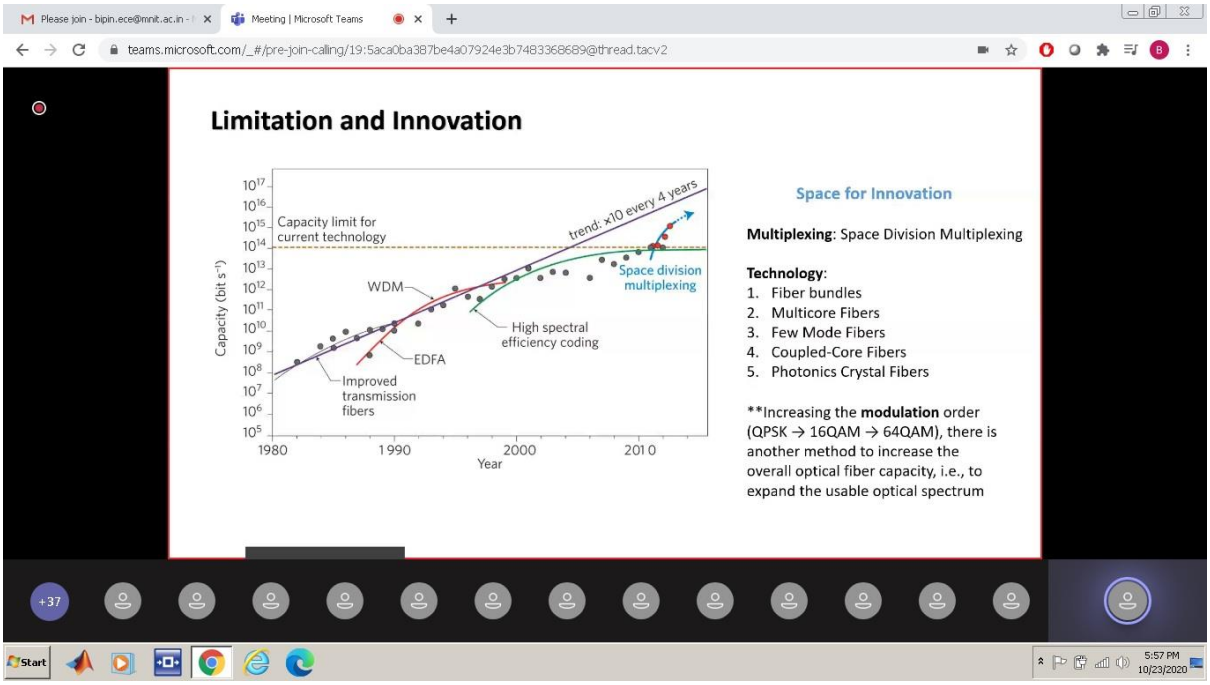

Snapshot during lecture

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