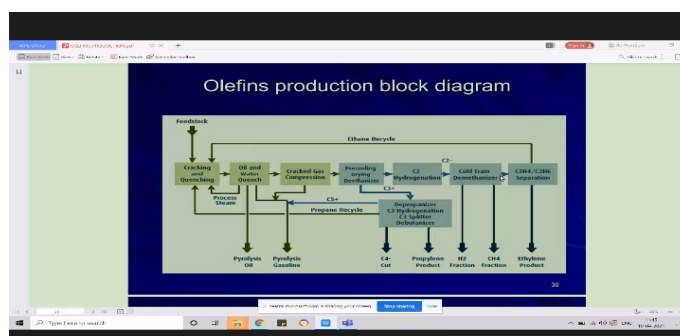


## Expert Lecture on

### “Steam Cracker”

An expert lecture on “Steam cracker” was arranged by the chemical engineering department on 10<sup>th</sup> April 2021 through Teams online platform. Mr Utkarsh Mishra, Senior Manager, Reliance Industries Ltd, Jamnagar was the invited speaker of the session. Around 100 students of final and pre-final year were present in the session.

Mr Utkarsh had given an overview of the refinery and focused on the steam cracker unit. He explained the role, importance, major key points associated with the cracker unit. He started with the basic fundamentals and explained the cracking and its mechanism in detail. He also talked about the major issues and problems of the unit.



Production of major olefins like ethylene and propylene were discussed in depth. He had not only talked about the processing and production but also discussed major on-field problems and their practical solutions. During his lecture, he tried to correlate theoretical knowledge with practical exposure. He stated a few examples which connected the core chemical engineering subjects and discussed how students can link their fundamentals to resolve any issue. He focused on very minute details to make the students understood about the steam cracker.

Mr Utkarsh has discussed many newer technologies and emphasized on upgrading the knowledge with time. He also motivated students in many ways and also talked about the future scope in any refinery.