

## **Guest Lecture on “Molecular Modelling: refinery applications”**

Dr. Yamini Sudha Sistla, Asst. professor in the department of chemical engineering, Shiv Nadar University, Greater Noida delivered a guest lecture on the topic “Molecular Modelling: refinery applications” in the department of chemical engineering on 11-10-2019. She enlightened the students on various topics like molecular modelling for downstream oil and gas, catalytic processes, Hydro treating catalyst, Structure activity relationships, molecular simulation applications, Asphaltene vapour pressure molecular simulation, Toluene hydrogenation reaction pathway, Density computation using MD simulation etc., after the Guest lecture there was an interactive session went on related to the above topics all the Faculty and students of chemical engineering programme attended the Guest lecture.