

Expert Lecture on “Process Intensification of Chemical Processing applications using cavitation reactors” organized by IChE Student Chapter Chemical Engineering Department – LDCE, in association with IChE, ARC as a part of Shri Shirish Parikh Memorial Lecture sponsored by Macropolymers Pvt. Ltd.

Dr. Parag Gogate, Professor, ICT Mumbai delivered a lecture on “**Process Intensification of Chemical Processing applications using cavitation reactors**” at Vihswakarma Hall, LDCE, Ahmedabad organised as a part of Shirish Parikh memorial Lecture Series in association with IChE student chapter LDCE and IChE Ahmedabad Regional Center sponsored by Macropolymers Pvt Ltd to the students of Chemical Engineering on 16/02/2024. He discussed sonication and cavitation as an emerging technology for efficient wastewater treatment.

Sir had discussed their ongoing research at ICT Mumbai and their team and the facilities they use. He also discussed the need of efficient and environment friendly techniques to treat wastewater and how ultrasound cavitation is a useful technique that can efficiently and rapidly reduce certain parameters of wastewater. Sir has shown how the degradation of coloured chemicals as well as the complex compounds are enhanced with respect to frequencies and intensity of the ultrasound.

Dr. Parag Gogate’s lecture was really helpful to students as it was exposure to the solution of current industrial problems. Dr. Gogate has also motivated students for taking up industry defined projects (IDPs) and assured to mentor students for the same.



