



Sarvajani Education Society
Sarvajani College of Engineering & Technology
Department of Chemical Engineering



A Report of Expert Lecture

On

“ABSORBER DESIGN”

Under the head of R & D Cell

in association with IChE Student Chapter-SCET

Date: 17-03-2018

Objectives of the talk:

- To give idea about industrial application of theoretical knowledge.
- To give fundamentals of Absorption operation, parameters which affect absorption, design aspects of absorber and related field case studies.

Resource Person: **Prof. S. B. Thakore,**
Head & Asso. Prof, Chemical Engineering Department, GEC Valsad.

Venue: N J Seminar Hall

Date and Time: 17/03/2018, 11:00 Onwards

Participants: (40+) 3rd and 4th Year Chemical Engg. UG students

Summary:

The session of an expert lecture on “Absorber Design” was organized by Department of Chemical Engineering, SCET.

Prof. Rashmita Patel had commenced the session by giving welcome bouquet to Prof. S. B. Thakore. Prof. Anand Upadhyay had given brief introduction of the speaker. Sir's grip on the subject and to the point interaction was a testimony of his 20+ years of vast experience in the field of academics and 6+ years of industrial experience. Sir has also worked in the field of Process design as a consultant where he has designed more than 500 equipments of chemical process industry so far. He is a Co-author of 3 reference books used in 3 subjects of Chemical Engineering undergraduate course.

After taking over the mike Prof. S. B. Thakore Sir had begun the session by providing the importance of theoretical studies which students get to learn during their undergraduate study by relating it with field approach. He has explained an industrial case study of one of the industry located at Vapi-valsad upon which he had worked as a consultant. After that he had discussed a detailed steps involved in designing of “Packed type Absorber”. The said topic of talk is also a part of curriculum in 6th semester chemical engineering subject named “Process Equipment Design-I”.

The entire session delivered by Thakore Sir was quite in depth in a view of bridging the gap between academics and field knowledge followed by Q & A session by audience.

Finally the session was concluded by Prof. Srujal Rana, Co-ordinator, IChE Students Chapter-SCET with vote of thanks and Prof Ashish Parmar had presented a token gift to the guest.

All the faculty members had participated in the event to encourage the students.

Some glimpses of the expert lecture are attached herewith.



ACKNOWLEDGEMENT

We would like to thank Dr. Vaishali Mungurwadi (Principal, SCET) & the management of SCET for permitting us to organize an expert lecture and also R & D Cell and IICHe Students Chapter-SCET to provide support.

We would also like to express our gratitude towards Prof. S B Thakore Sir, for his inputs towards students for better understandings of the subject.