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# Sarvajani University Sarvajani College of Engineering & Technology

A report on


Expert Talk under R & D Talk Series

at the

N J Seminar Hall, SCET


By

Dr Rakesh Vaiwala

 Sarvajani College of Engineering and Technology 

Department of Chemical Engineering  
Expert talk under R&D Talk series

## "Basics of Python for Chemical Engineers"



Dr. Rakesh Vaiwala  
Research Associate,  
Department of Chemical  
Engineering,  
IISC , Bangalore

**Topics of the talk**

- Introduction to PYTHON as a programming language.
- Application in Chemical Engineering.

**Date: May 12 '2023**  
**Time: 10.30 AM IST**

 [scet.ac.in/ch](http://scet.ac.in/ch)  @ChemicalengineeringSCET  @scet\_chemical

- **Title:** Basics of PYTHON for Chemical Engineers
- **Objectives of the talk:** Introduction to PYTHON as a programming language and its applications in Chemical Engineering

**Resource Person:** Dr Rakesh Vaiwala, Research Associate, Department of Chemical Engineering, IISC, Bangalore

**Venue:** N J Seminar Hall, SCET

**Date and Time:** 12<sup>th</sup> May'2023

**Participants:** 2<sup>nd</sup> and 3<sup>rd</sup> Year Chemical Engineering Students

#### ➤ **Summary:**

The session of an expert lecture under the head of R & D talk series on “**Basics of PYTHON for Chemical Engineers**” was organized by Department of Chemical Engineering, SCET.

Prof. Anand Upadhyay had commenced the session with welcome note and brief introduction of the speaker. Dr Vaishali Umrigar had welcomed the guest with a bouquet.

Dr Vaiwala is PhD from IIT Bombay and currently working as Research Associate in Department of Chemical Engineering- Indian Institute of Science- Bangluru

After taking over the mike Dr Vaiwala had begun the session by providing introduction of the topic. Then he explained the importance of programming in Chemical Engineering with several examples, Sir had also provided the detailed information about various important components of PYTHON. In the last part of the session he had discussed about the various functions of PYTHON which can be helpful to solve Chemical Engineering problems. It was evident from the response during Q/A session of students that they had enjoyed the entire talk.

Finally the session was concluded by Prof. Srujal Rana by presenting a memento as a token of love to the guest.

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

#### ➤ **GLIMPSES OF THE EVENT**







## ➤ **Acknowledgements**

The Chemical Engineering Department, **SCET** would like to acknowledge,

- **Managing trustees and office bearers of the Sarvajanic University**
- Prof. (Dr.) Hiren Patel, **Principal, SCET**
- Prof.(Dr.) Vaishali Umrigar, **Head, Chemical Engineering Department**
- **One and all** for their direct or indirect support

**Compiled by: Prof. Anand Upadhyay**