

Activity Report
of
Role of Chemistry in Engineering

A.Y. 2023-24



Organized by ,

Sandip Foundation's
Department of Engineering Sciences and Humanities
Sandip Institute of Technology and Research Centre, Nashik (MS)
DTE Code: 5109

Date : 22nd August 2023

Name of Program : Role of Chemistry in Engineering for First Year Students

Resource Person : Prof. (Dr.) Leena N. Patil

Event Coordinator : Assistant Prof. Supriyatai K. Ahire

Participants : F.Y.B.Tech students (ESH Department)

No. of Participants : 470

Venue : Seminar Hall

Aim :

The aim of this program is to provide Bridge between General chemistry and Engineering chemistry.

Objective :

- To provides the fundamental understanding of materials, substances, and processes that engineers need to design, develop, and manufacture products and systems.
- To provide information about Chemistry is an important fundamental topic for civil engineers, *e.g.* in understanding the properties of building materials, the natural environment
- To Provide information's for Computer engineers for the study of semiconductors will be even more advantageous with the help of chemistry

Outcomes :

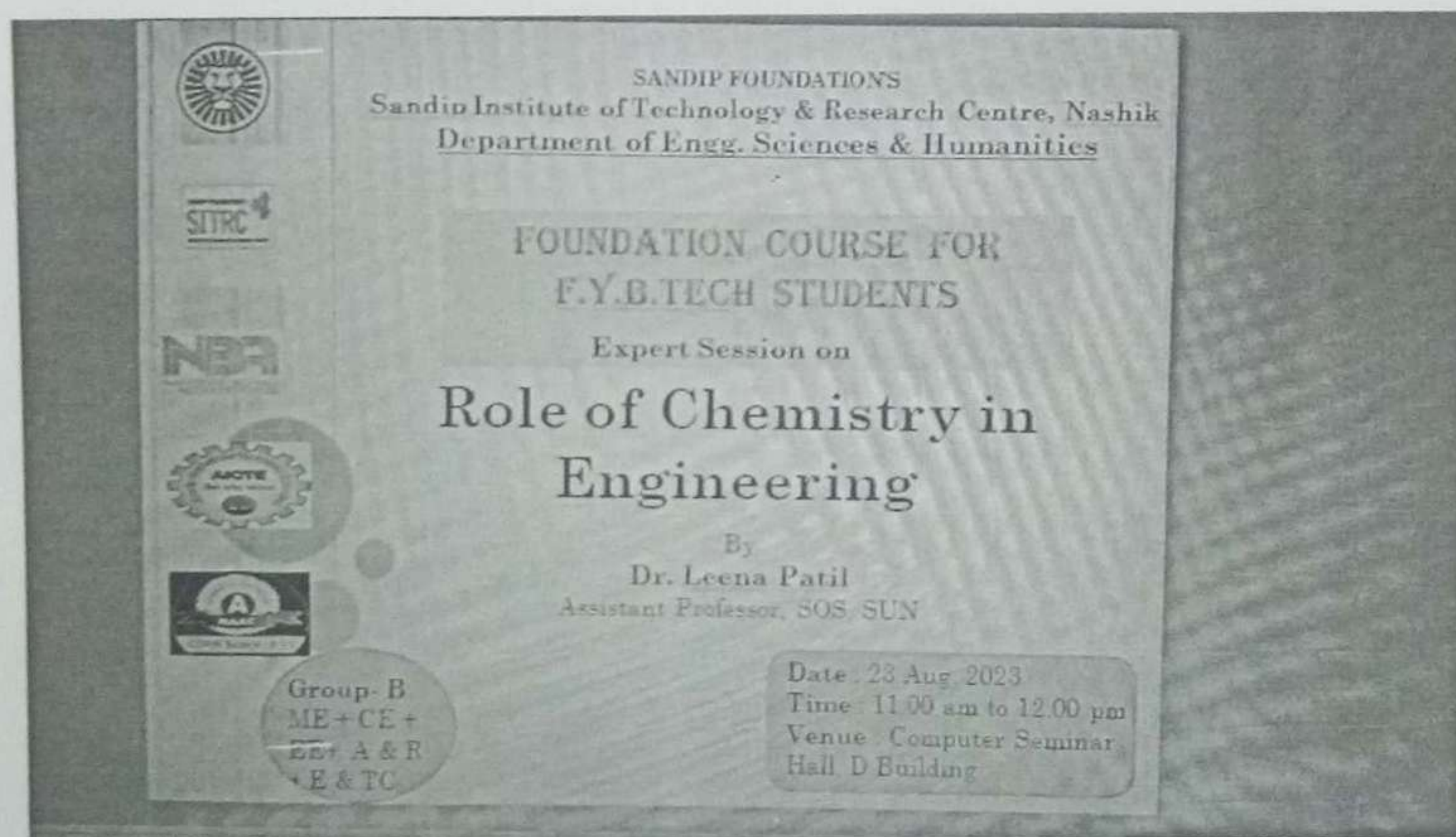
- Students understood the fundamental of materials, substances, and processes that engineers need to design, develop, and manufacture products and systems.
- Students civil engineering got an idea about Building material, and environment also esstial while constructuion.
- Students understood the importance of Chemistry in every field viz., Computer, IT, AIDS, Civil, Mechanical

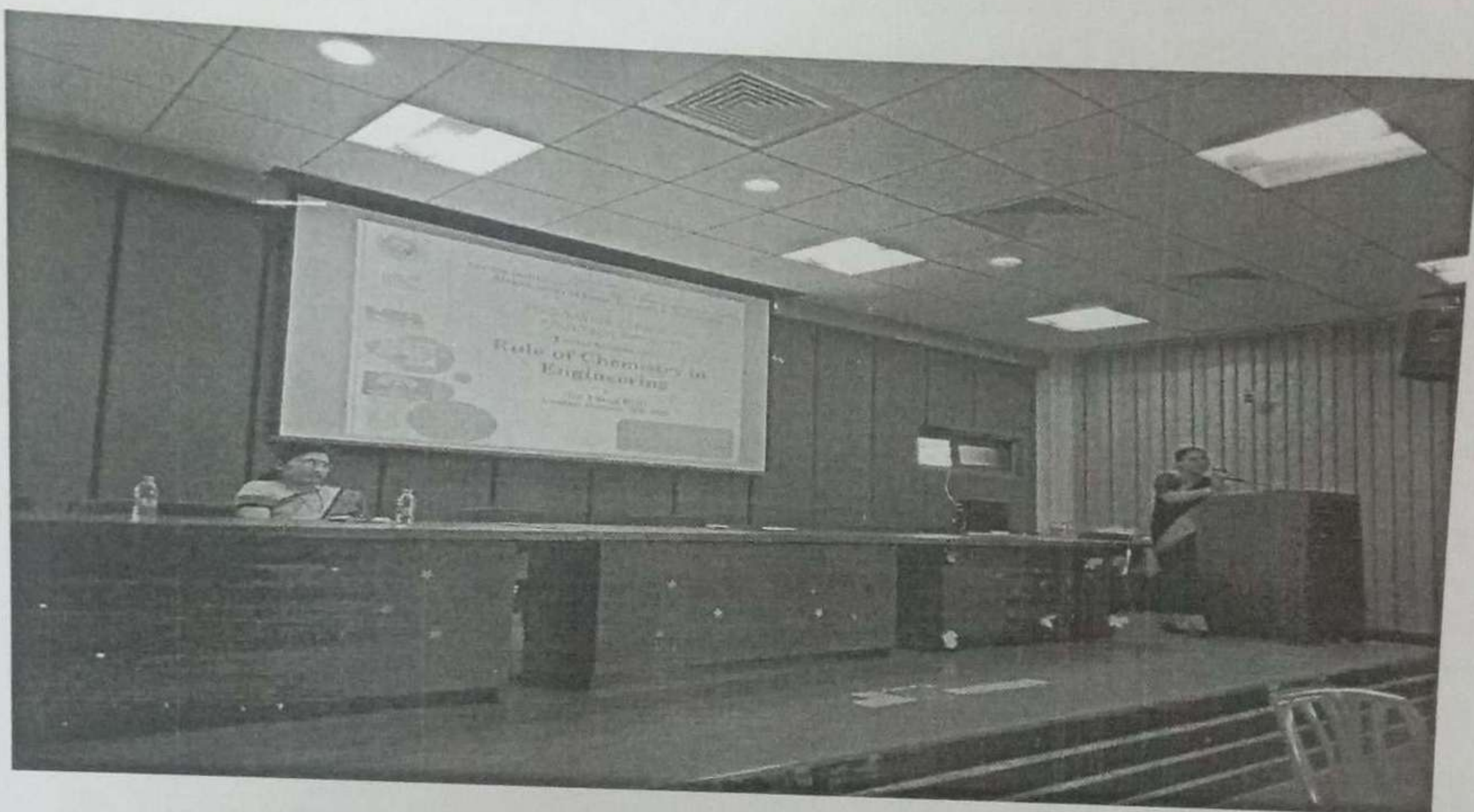
Summary of Program:

The seminar on "Role of Chemistry in Engineering" was conducted for First Year B. Tech students on 22nd August 2023 in two different sessions by Prof.(Dr.) Leena N. Patil, Associate Professor at Sandip Institute of School of Science. First session was conducted from 11:00 am to 12:00 noon in Mechanical Seminar hall, D building. For this session the beneficiary students were newly admitted students in the branch IT, Computer, AI& DS. Second session was conducted on 23rd August 2023 from 11:00 am to 12:00 noon in Computer Seminar hall, C building. For this session the beneficiary students were newly admitted students in the branch Mechanical, Automation & Robotics, Electronics & Telecommunication, Electrical, Civil.

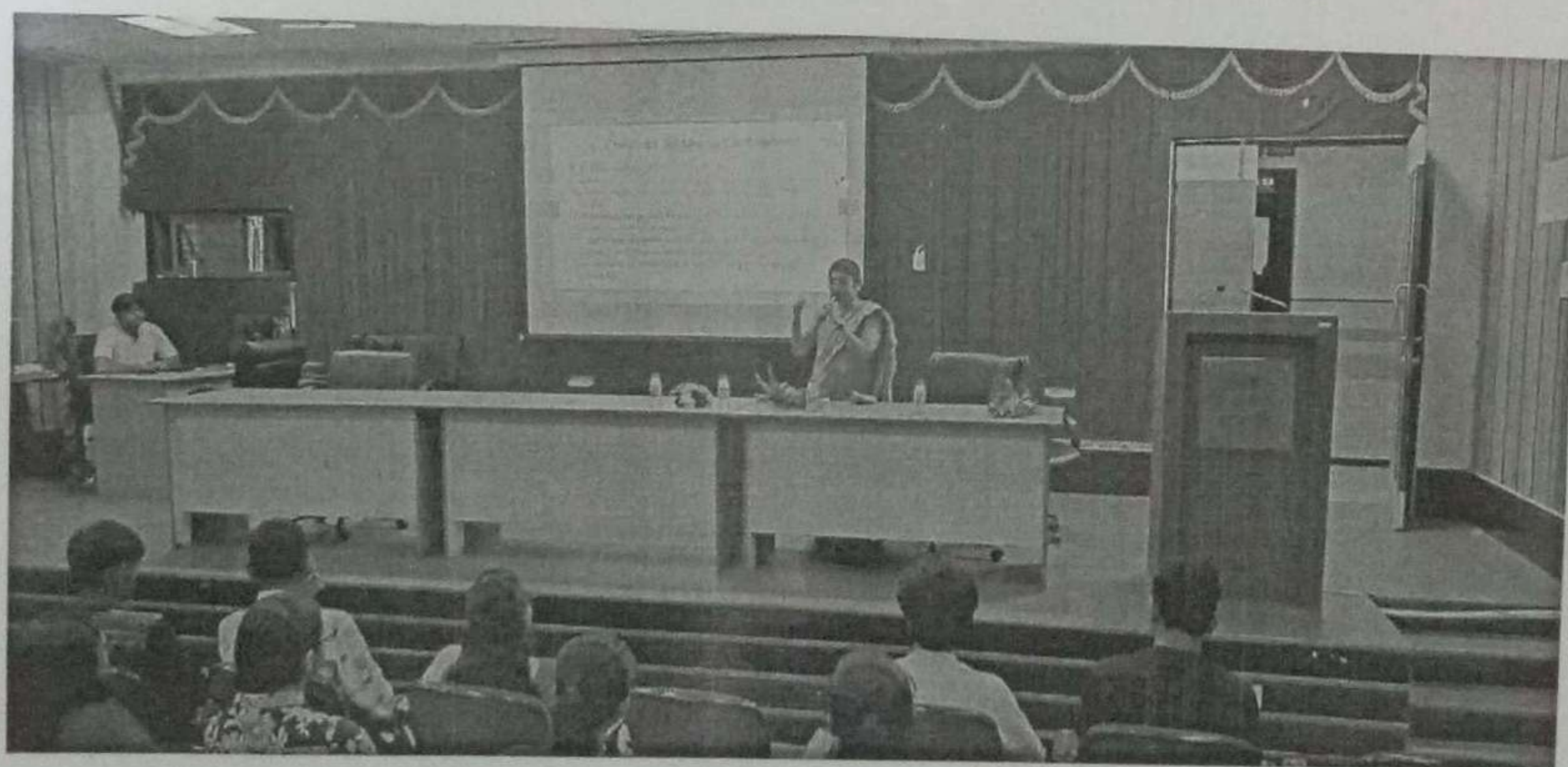
As Engineering requires applied science, and chemistry is the center of all science. The more chemistry an engineer understands, the more beneficial it is. Dr. Leena Patil ma'am has explained importance of Chemistry in various field of engineering with the help of presentation and short videos. Students are enthusiastically participated in session. As this program focuses on the general applications of chemical principles to the analysis and evaluation of engineering problem, after the session students completely understood the concept.

Photographs :





Introduction of Guest Speaker by Prof. V.P.Chitodkar Ma'am



Prof. Leena Patil Ma'am Explaining concept from Engg. Chemistry



Beneficiary Students of FY B.Tech

**Assistant Prof. S.K. Ahire
Event Coordinator**

**Prof. J. M. Shah
HOD, ESH**