



Sandip Foundation's
Sandip Institute of Technology & Research Centre,
Mahiravani, Trimbak Road, Nashik - 422 213



**Department of Engineering Sciences and
Humanities**

Date: - 21 /08/2023

NOTICE

All students of the F.Y.B.Tech are hereby informed that the department of Engineering Sciences and Humanities has organized the Seminar on “Role of Chemistry in Engineering” on Date 22 August 20243 From 12:00pm onwards

The seminar is useful To provides the fundamental understanding of materials, substances, and processes that engineers need to design, develop, and manufacture products and systems.. It is compulsory for all students to attend the Quiz.

Prof. S.K.Ahire

Event Coordinator

Prof. J.M.Shah

Head of Dept



Sandip Institute of Technology and Research Centre

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(Approved by-AICTE, New Delhi,& Govt.of Maharashtra and Permanently Affiliated to Savitribai Phule University (Formerly Pune University),Pune.

Accredited with "A" grade byNAAC with CGPA Score of 3.11
NBA Accredited for Computer &Mechanical Engineering (UG Course)
w.e.f 2023-24 to2025-26



SANDIP
FOUNDATION



Activity Report

of

Role of Chemistry in Engineering

A.Y. 2023-24



SANDIP
FOUNDATION

(An autonomous institute permanently affiliated to Savitribai Phule Pune University, Pune)

Organized By

Sandip Foundation's
Department of Engineering Sciences and Humanities
Sandip Institute of Technology and Research Centre, Nashik

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 essential while construction.
- Students understood the importance of Chemistry in every field viz., Computer, IT, AIDS, Civil, Mechanical

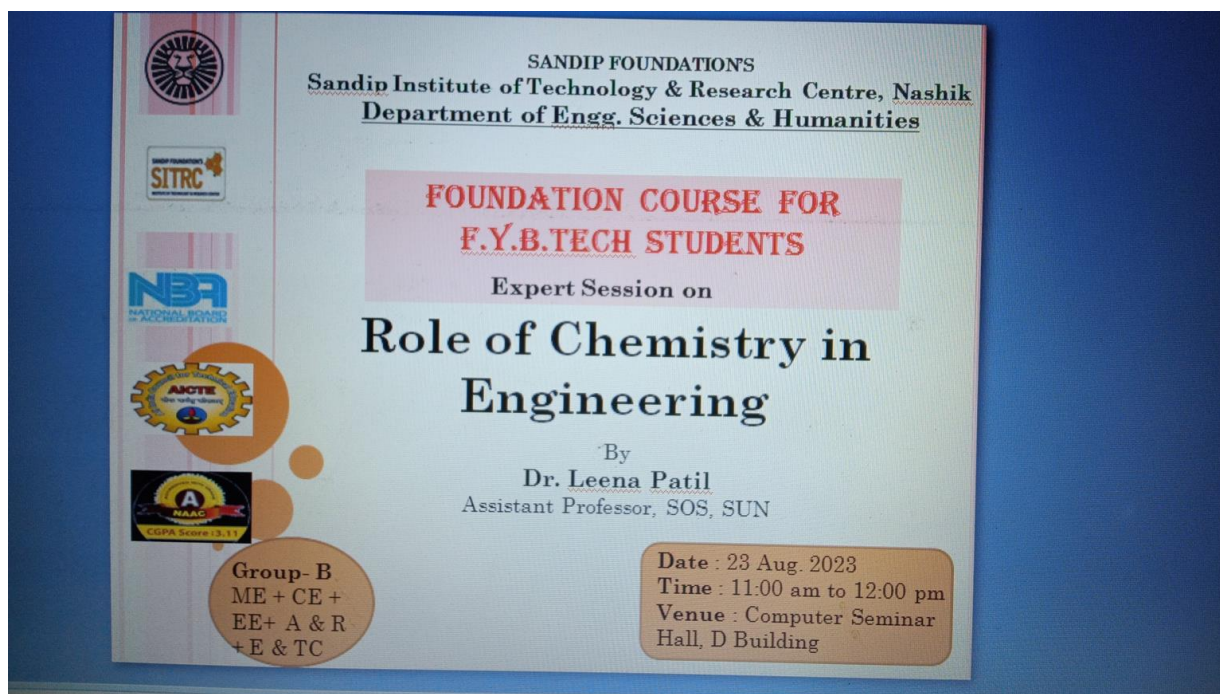
Summary of Program:

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 :



Introductory slide of Seminar



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**

**Prof. (Dr.) M.M.Patil
Principal, SITRC**



Sandip Foundation's

Sandip Institute of Technology & Research Centre, Nashik

Department of Engineering Sciences & Humanities

Foundation Course (FE, B.Tech) AY 2023-24

Attendance Sheet

Activity - Role of Chemistry in Engineering

Date- 23/08/2023

Time 11:00 am to 12:00 am

Computer Seminar Hall

Sr. No.	Name of Students	Branch	Sign
1	Madhu Baghel	E and TC	Madhu
2	Manali Sanap	Mechanical	collup
3	Maithili Nikam	Automation & Robotics	maithili
4	Kadam Sakshi Sanjay.	Civil	Kadam
5	Geeta Pratapsing Patil	E & TC	Geeta
6	Wakchaure Shivani Sitaram	Mechanical	Shivani
7	Purvaja Rajendra Aher	E & TC	Aher
8	Vidisha Raju Gonawane	E & TC	Vidisha
9	Sanghamitra Pravin Nagarale	Electrical	Sanghamitra
10	Pallavi Rustom Jadhav	Electrical	Pallavi
11	Rutuja Vilas Kande	E & TC	Rutuja
12	Vaishnavi Pramod Wagh	Civil Eng	Vaishnavi
13	Jadhav Gauri Mohan	Automat ⁿ & Robotics	Gauri
14	Anushka Nannath Sanap	E & TC	Anushka
15	Priya Sanjay Ghule	E & TC	Priya
16	Kimaya Chetan Phalak	Entc	Kimaya
17	Harshada Kailas Ahire	Mechanical	Harshada
18	Sindhuzi Bonthu	A & R	Sindhuzi
19	Kanchan Sanjaykumar Patil	A & R	Kanchan
20	Tejal Sanjay Chaudhari	A & R	Tejal
21	Shreya Samar Deshmukh	A and R	Shreya
22	Vaidya Shivani Prerak	A & R	Vaidya

Sl. No.	Name of Students	Branch	Sign
23	Aher Rutuja Pramod	Electrical	ET/Her
24	Sakshi Sunil Galkund	Electrical	Rakul
25	Ganesh Narayan Thang	Mechanical	Chang
26	Gauvan Anil Dake	A & R	Thang
27	Aditya S. Maske	A / R	Thang
28	Muli Rattmesh Rahul	A & R	Thang
29	Sarthak Somnath Kedar	Mechanical	Thang
30	Omkar Ganpat Kedar	Electrical	Thang
31	Jeewan Uttam Sabale	Mechanical	Thang
32	Surat Sampat Saraf	Mechanical	Thang
33	Yash Subhash Avhad	Electrical	Thang
34	Rahul Babu Pawar	Civil	Thang
35	Kundan Bharat Rajnor	Civil	Thang
36	Chaitanya Ravindra Tejarkar	Electrical	Thang
37	Fayesh Suryavanshi	Electrical	Thang
38	Dukare Harshad Vasant	Mechanical	Thang
39	Shelke Vikas Ramdas	mechanical	Thang
40	Patil Lakshman Dilip	Mechanical	Thang
41	Galande Om Kishor	E and TC	Thang
42	Soham Madhukar Nikumbh	Electrical	Thang
43	Jagdish Pramod Lasurkar	Mechanical	Thang
44	Vedant Kalu Bachhan	E & TC	Thang
45	Soravane Kartik Suresh	Civil	Thang
46	Yegendra Girish Yeola	Mechanical	Thang
47	Soham Kappesh Kalkarni	mechanical	Thang
48	Vedant Shirish Patil	A & R	Thang
49	Lalit Santosh Gavale	Electrical	Thang
50	Sarthak Sanjay Amrutkar	A & R	Thang
51	Sanchit Babasaheb Bode	E & TC	Thang
52	Aditya Shivaji Shilkantham	E & TC	Thang
53	Rohit Hanmant Nagargoje	EN TC	Thang

Sr. No.	Name of Students	Branch	Sign
54	Pratik Pandharinath Chandwade	Electrical	
55	Yash Sochin SalPute	Mechanical	
56	Karan Vijay Lahange	Electrical	
57	Om Om Ajinath Ghule	Electrical	
58	shubham Dnyaneshwar baste	Mechanical	S.D. Baste
59	Aditya Paabhakar Randive	Mechanical	
60	Jayesh Namdev Sndar	Mechanical	
61	shubham vishnu Kanade	Mechanical	S.V. Kanade
62	Tunare Om Parnesh	Electrical	
63	Sanket Manohar Auhad	Mechanical	
64	Akshay Raju Patore	Mechanical	A.P. Patore
65	Jyotsna Rohit Shantaram	A & R	
66	Muthal Shubham Sandip	A & R	
67	Siddheshwar Arun Wite	Mechanical	
68	Rahul Sanjay Baniskar	Mechanical	
69	Yashraj Parnesh Pawar	A & R	
70	Yash Vishwas Jha	Electrical	
71	Goore Suresh Nandev	A & R	
72	Mihir Tushar Kulkarni	A & R	
73	Alpit Madanji Pawar	A & R	
74	Kartik Sambhaji Adhav	ENTC	
75	Aditya Norayn Takle	A & R	
76	Bhagyavardhan Anil Nagane	E & TC	
77	Amkar Bhausaheb Bhulerao	Civil	
78	shubham gokul thakre	Mechanical	
79	Kadam Rohit	E & TC	
80	Om Avinash Patil	E and TC	
81	Nilesh K. Thakare	E & TC	
82	Amrit Chandekar Pagar	Mechanical	
83	Siddhant Ashok Lokhande	Automation and Robotics	
84	Jagtap Vipul Chandrakant	Mechanical	

Foundation Course (FE, B.Tech) AY 2023-24Attendance Sheet

Activity - Role of chemistry in Engg. by Dr. L.N. Patil

Date- 2nd Aug 2023

Time 11:00 am to 12:00 noon

(Mechanical semicon)
Hall

Sr. No.	Name of Students	Branch	Sign
1	Ajay Maroti Torde	IT	<u>Ajay</u>
2	Aarush vijay patil	IT	<u>Aarush</u>
3	Yaibhav Jondhale	Computer	<u>Yaibhav</u>
4	Nilesh Khushal Thakase	F&TC	<u>Nilesh</u>
5	Rohit Nannath Kadam	E & TC	<u>Rohit</u>
6	omkar Bhausaheb Bhale	civil	<u>Omkar</u>
7	Shubham Gokal Thakase	Mechanical	<u>Shubham</u>
8	Ritesh. Suresh Jadhav	AIDS	<u>Ritesh</u>
9	Shirke samir Dnyaneshwar	AIDS	<u>Shirke</u>
10	Bhusari Sanika Sachin	computer.	<u>Bhusari</u>
11	Sakshi Pawar	Computer	<u>Sakshi</u>
12	Harshada Tukaram patil	Computer	<u>Harshada</u>
13	Snehal Nandkishor Gawas	IT	<u>Snehal</u>
14	Shraddha Nandan Dalvi	IT	<u>Shraddha</u>
15	Ekanth vdaykumar Tugade	computer	<u>Ekanth</u>
16	Divya Kishor Sapkale	computer	<u>Divya</u>
17	Bhumika Pramod gadhar.	computer	<u>Bhumika</u>
18	Rupesh Kohli	AIDS	<u>Rupesh</u>
19	Jagdish Vinod Mahale	AIDS	<u>Jagdish</u>
20	Hari Mahadeo Darrade	Computer	<u>Hari</u>
21	Jidnyasa. Milind. Shinde	computer	<u>Jidnyasa</u>
22	Gargie. Pankaj. Dharmadhikari	Computer	<u>Gargie</u>

Sr. No.	Name of Students	Branch	Sign
23	Shraddha Yogesh Lagad	IT	<u>SyLagad</u>
24	Rajlaxmi Bhagwan Shelke	Mechanical	<u>Rajlaxmi</u>
25	Anshika Atul Shukla	Automation & Robotics	<u>Anshika</u>
26	Tejaswini Yogendra Shissath	Computer Science	<u>Tejaswini</u>
27	Aditya Sharad Borade	Computer Eng.	<u>Aditya</u>
28	chetan Prakash chavhan ^o	IT	<u>chetan</u>
29	Pratik Shivaji Dayvesh	Computer	<u>Pratik</u>
30	Tarun Mayan Chaudhari	AIDS	<u>Tarun</u>
31	Aman Sunil Mishra	IT	<u>Aman</u>
32	Vishal Manilal pandit.	IT	<u>Vishal</u>
33	Aniket Amarjit Singh	AIDS	<u>Aniket</u>
34	Disha Bhausaheb Gangurde	Computer	Dhishagurde
35	Tarhan Jyant chaudhari	AIDS	<u>Tarhan</u>
36	Nandini Samadhan Patil.	AIDS	<u>Nandini</u>
37	Vaishnavi Sunil Thapkar	Computer	<u>Vaishnavi</u>
38	Himani Kishor Mane	IT	<u>Himani</u>
39	Mayuri vijay Nikam	Computer	<u>Mayuri</u>
40	Riya Ravindra Pagor	Computer	<u>Riyapagor</u>
41	Vedika Sunil Ankhale	I.T	<u>Vedika</u>
42	Samaeth Raasaheb Kunde	Computer	Samaeth
43	Vedant Dnyaneshwar Smawane	IT	<u>Vedant</u>
44	Spondan Vishwaksham Nichale	IT	<u>Spondan</u>
45	Shriram Mohan Dornal	AIDS	<u>Shriram</u>
46	Khemnar Shivam Dnyaneshwar	AIDS	<u>Khemnar</u>
47	Aditya Rahul Narichede	Computer	<u>Aditya</u>
48	Prem Namdeo Kamade	Computer	<u>Prem</u>
49	Bhushan Vasmik Ahuge	Computer	<u>Bhushan</u>
50	Murkute omkar sudam	Computer	<u>Murkute</u>
51	Causar purnima Malviya	Computer	<u>Causar</u>
52	meet Kiritbhai Ghodasara	Computer	<u>meet</u>
53	Shreyash Kuldip Sawant	Computer	<u>Shreyash</u>

No.	Name of Students	Branch	Sign
54	Manas Yogesh Jansure	AIDS	<u>Manas</u>
55	PRANAV Nitin Pagare	Computer	<u>PR</u>
56	Rushabh Ravi Bhargava	AI-DS	<u>Rushabh</u>
55	Krishna Anil Tathe	AI & DS	<u>Krishna</u>
56	Lakhsing Narasing Patil	COMPUTER	<u>Lakhsing</u>
57	chetan vinod Devkar	computer	<u>C.V. Devkar</u>
58	Patil Darshan Sanjay	computer	<u>Patil</u>
59	Aher Aditya Bhausaheb	IT	<u>Aher</u>
60	Om Dipak Dandaghal	Computer	<u>Om</u>
61	Ashimwad Anurag Sharma	Computer	<u>Ashim</u>
62	Harshal Bharat Bagul	computer	<u>Harshal</u>
63	Mukesh Ravindra Shirvalkar	AI & DS	<u>Mukesh</u>
64	Shruti Tajram Waghmode	Computer	<u>Shruti</u>
65	Mahesh Uttam Bata	Computer	<u>Mahesh</u>
66	Shrawan Shrikant Shewale	Computer	<u>Shewale</u>
67	Hindavi Ganesh Bankar	IT	<u>Hindavi</u>
68	Gauri Shivling Surange	Computer	<u>G.S. Surange</u>
69	Urmila Uttam Ghare	computer	<u>Urmila</u>
70	kumudini kishor Khairnar	computer	<u>Khairnar</u>
71	Gayatri Vijay Gangurde	AIDS	<u>G.V.G.</u>
72	Uphade Rohini Mangesh	computer	<u>Rohini</u>
73	Riya Kailash Nhalvan	AIDS	<u>Riyakailash</u>
74	Sanket Deepak Patil	IT	<u>Sanket</u>
75	Vishal Shivdas Borse	IT	<u>VBorse</u>
76	Lalit Shantaram Patil	computer	<u>@Lalit</u>
77	Shrawan Sandip Nalwade	IT	<u>Shrawan</u>
78	Kartik Bhushan Kawale	Computer	<u>KBK</u>
79	Krushik Bhimrao Dhise	it	<u>Dhise</u>
80	Aditya Rajendra Dhangar	AIDS	<u>ADhangar</u>
81	Harshay Babu Patil	IT	<u>HPatil</u>
82	Aditya Sachittanant Gunjal	computer	<u>Agunjal</u>