



B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

Department of Chemical Engineering

1. **Name of the Department:** Chemical Engineering
2. **Name of the Activity:** Expert Lecture – Introduction to Oil and Gas Industry: Role of Chemical Engineers
3. **Objectives:** To expose students to the structure and functioning of the oil and gas industry and to highlight the essential contributions of chemical engineers in various domains of the field. The lecture also emphasized the importance of simulation tools in optimizing processes in the oil and gas sector.
4. **Date, Time Venue of the Activity:** The expert talk was conducted on Saturday, 19th April 2025 at 11:00 AM to 1:00 PM in Class CR3002, Department of Chemical Engineering, B.M.S. College of Engineering.
5. **Date:** 19th April, 2025
6. **Time:** 11:00 AM – 1:00 PM
7. **Venue:** CR3002

8. **Brief summary of the Programme:** The Department of Chemical Engineering organized an expert lecture on “Introduction to Oil and Gas Industry: Role of Chemical Engineers” on 19th April 2025. The talk was delivered by Sri. Manjunath Rao, Director – Process Engineering at Utthunga, Bengaluru, and former professional at FODE, Mott MacDonald, and WorleyParsons.

The lecture provided students with an insightful overview of how the oil and gas industry functions across its upstream, midstream, and downstream sectors. Mr. Rao elaborated on the essential contributions of chemical engineers in areas like plant design, safety, operations, and optimization.

A special focus was given to the importance of simulation tools in the oil and gas sector, with real-world examples of how simulation enhances operational efficiency and process safety.

The session witnessed enthusiastic participation from 41 students, and concluded with an interactive Q&A. The event was coordinated by Dr. Sreelakshmi Diddi, under the guidance of Dr. Chetan A Nayak, HOD.

The event proved to be highly informative and impactful, giving students exposure to industrial applications and career opportunities in the energy sector.

9. **Number of participants:** 41

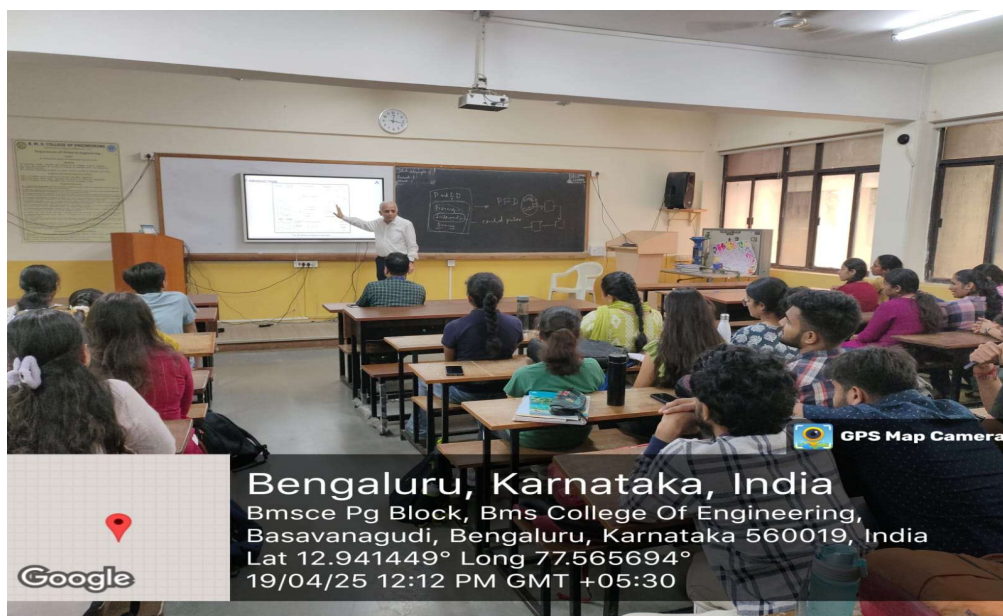


B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

Department of Chemical Engineering

10. Photographs:





B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

Department of Chemical Engineering

11. Banner:

EXPERT LECTURE

**Introduction to Oil and Gas Industry:
Role of Chemical Engineers**

Sri. Manjunath Rao
Consultant and Director of Process Engineering
Utthunga, Bengaluru

With a rich background spanning roles at Utthunga, FODE, Mott MacDonald, and WorleyParsons, the expert brings extensive experience in Commissioning, EPC, and the Petrochemical, Oil & Gas industries.

Date: 19th April 2025 (Saturday)
 Time: 11:00 AM
 Venue: Department of Chemical Engineering

Dr. Sreelakshmi Diddi, Assoc. Professor, Dept. Seminar Co-ordinator Dept. of Chemical Engg., BMSCE.	Dr Chetan A Nayak Professor & HOD Dept. of Chemical Engg., BMSCE.
---	--



B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

Department of Chemical Engineering

12. Attendance Copy:

B.M.S. COLLEGE OF ENGINEERING, BENGALURU 560 019 Autonomous Institute, Affiliated to VTU DEPARTMENT OF CHEMICAL ENGINEERING				
Attendance for the Guest Lecture from Sri. Manjunath Rao, Consultant & Director Process Engineering, Uthunga Technologies, Bengaluru				
TOPIC: "Introduction to Oil & Gas Industry: Role of Chemical Engineers" Day & Date: Saturday 19th April 2025 Time: 11:00 AM				
Sl No	Name	USN	Sem	Signature
1	Shravanth	1BM22CH042	6	Shravanth
2	Lakshmi. G.	1BM22CH019	6	Lakshmi
3	Arishantha. R. Hegde	1BM22CH044	6	Arishantha
4	Sushmitha	1BM22CH047	6	Sushmitha
5	A.V. Samanvitha Bhad	1BM22CH001	6	A.V. Samanvitha
6	R. Hanu	1BM22CH033	6	R. Hanu
7	Pratyan LKHA	1BM22CH028	6	Pratyan
8	Nishanth. N	1BM22CH026	6	Nishanth
9	SHRADDHA SAHANI	1BM22CH041	6	Shraddha
10	Shwathi M. Shet	1BM22CH001	4	Shwathi
11	Skanda Akhal	1BM22CH022	4th	Skanda
12	GAAGRI KRISHNA	1BM22CH019	4	Gaagri
13	Likitha. G	1BM22CH021	6	Likitha
14	MIDHUSH MADHUSUDHAN	1BM22CH030	4th	Midhush
15	Shrisha	1BM22CH002	4	Shrisha
16	SHRISWATH V.S	1BM22CH051	4th	Shriswath
17	Nishankumar P	1BM22CH032	4th	Nishankumar
18	Fathar	1BM22CH030	4th	Fathar
19	Yadav priya K.R	1BM22CH023	4th	Yadav
20	Soma. P. Poojary	1BM21CH037	3th	Soma
21	Ranjana Kumar. H.N	1BM22CH036	6th	Ranjana
22	GULU Sai Pavan	1BM22CH014	6th	Gulu
23	Piyush	1BM22CH029	6th	Piyush
24	Aarush. S	1BM22CH002	6th	Aarush
25	Rakshan	1BM22CH001	6th	Rakshan
26	Ruthu M	1BM22CH038	6th	Ruthu
27	Harshitha S	1BM22CH015	6th	Harshitha
28	Sumathi. N	1BM22CH046	6th	Sumathi
29	Raasha Raaghini A	1BM22CH034	6th	Raasha
30	Banu Priya. G.N	1BM22CH009	6th	Banu
31	POORVI. H.L	1BM22CH036	4th	Poorvi
32	Pooni. G.S	1BM22CH037	4th	Pooni
33	Priyanka Hanu	1BM22CH041	4th	Priyanka
34	Likitha -K	1BM22CH020	6th	Likitha
35	ANJALI. R	1BM22CH006	6th	Anjali
36	Hrush Wazdhan	1BM22CH018	4th	Hrush
37	Grish V. Prabhu	1BM22CH015	4th	Grish
38	Prasanth. R	1BM22CH024	4th	Prasanth
39	Dhruv. C.V	1BM22CH017	4th	Dhruv
40	Vaibhavi	1BM22CH034	4th	Vaibhavi
41	D.D. Dhanyama	1BM22CH009	4th	D.D. Dhanyama