



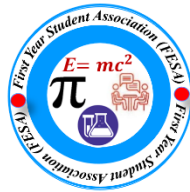
Report
on
the workshop

“Exploring Applied Sciences on Engineering Horizon”

Organized by:

Dept. of Applied Sciences & Humanities

in association with **FESA** (First Year Students Association)



Conducted during:

June 27 to 30, 2022 at 03.00PM to 04.00PM

Conducted Online on MS Teams

Link to join:

<https://teams.microsoft.com/l/meetupjoin/19%3a5Z9aRmb0E09PzKZea09JkcHmQHH2hMNtTSfViGw8im41%40thre ad.tacv2/1655981918714?context=%7b%22id%22%3a%22d1f14348-f1b5-4a09-ac99-7ebf213cbc81%22%2c%22oid%22%3a%2270a970a9-56c4-4969-9673-0ff07acab8b3%22%7d>

Shri Vile Parle Kelavani Mandal's
Institute of Technology, Dhule
(AY: 2021-22)





Shri Vile Parle Kelavani Mandal's
Institute of Technology, Dhule
 Dept. of Applied Science & Humanities
in association with FESA organizes



Workshop on Exploring Applied Sciences on Engineering Horizon-2

Date: June 27 - 30, 2022
 Time: 3:00 pm IST on MS Team
INAGURAL SESSION (3:00 pm to 3:15 pm)

Welcome Address: Dr. Tushar Shinde Introductory Speech: Dr. Nilesh P. Salunke
 Vote of Thanks: Dr. Sambaji Rao

Date: 27th June 2022 (Monday)

Time	Title	Name of Speakers
3:00 pm to 4:00 pm	Opportunities in Chemistry for Students	Dr. Vikas Gite Assoc. Prof. School of Chemical Sci. KBCNMU, Jalgaon.

Date: 28th June 2022 (Tuesday)

Time	Title	Name of Speakers
3:00 pm to 4:00 pm	Career Opportunity in Physics	Dr. Anil Garje Assoc. Prof. SP College Pune.

Date: 29th June 2022 (Wednesday)

Time	Title	Name of Speakers
3:00 pm to 4:00 pm	Applications of Mathematics	Dr. Prem Kiran G. Bhadane Asst. Prof. KVPS's SPDM College Shirpur.

Date: 30th June 2022 (Thursday)

Time	Title	Name of Speakers
3:00 pm to 4:00 pm	Methods & Techniques for Effective Presentation	Mr. Udaykumar Nikam Asst. Prof. A.P. Shah College, Mumbai.

Dr. Tushar Shinde
 HOD
 Dept. of Applied Sciences & Humanities
 (Convener)

Dr. Nilesh P. Salunke
 Principal
 SVKM's Institute of Technology, Dhule
 (Patron)

Workshop Coordinator: Dr. Rajiv Junne, Dr. Sambaji Rao, Dr. Shakeelur Raheman
 Organizing Committee: Dr. Manoj Sonawne, Prof. Chandu Koli, Prof. Sachin Nerkar,
 Prof. Prashant Gawade, Prof. Lahu Aware.



Activity Report:

Aim:

To foster the attitude of curiosity about the application of Applied Sciences and Humanities subjects in Engineering domain

Objective:

To familiarize with Industry application of Basic Sciences subjects.

To learn the application of Basic Sciences subjects in Engineering.

To understand the role of communication in Engineering.

Name of Activity:

Workshop on “Exploring Applied Sciences on Engineering Horizon”

Date of activity:

June 27 to 30, 2022

Time:

At 03.30PM to 04.30PM

Convener:

Dr. Tushar Shinde

Patron:

Dr. Nilesh Salunke

Coordinators:

Dr Rajiv Junne

Dr Shakeel Rehman

Dr Sambaji Rao

Session Moderators:

Dr Manoj Sonawane

Mr Chandu Koli

Mr Lahu Aware

Mr Sachin Nerkar

Mr Prashant Gawade



Participants:

All the students of First Year Engineering. Altogether 180 students were the participants.

Outcome: Participants learned:

- 1) To familiarize with Industry application of Basic Sciences subjects.
- 2) To learn the application of Basic Sciences subjects in Engineering.
- 3) To understand the role of communication in Engineering.

Activity Details:

Dept of Applied Science and Humanities organized Workshop on “Exploring Applied Sciences on Engineering Horizon” for First Year students. Altogether, 180 students were present for all sessions. Altogether, four sessions were conducted. The details of the sessions are given below:

Session 01:

Resource Person: Dr Vikas Gite, Asso. Prof. School of Chemical Sciences, KBCNMU, Jalgaon

Dr Gite explored the new avenues for Engineering students in Chemistry. He has explained in lucid way how skills and knowledge can be inculcated. Furthermore, he described the challenges of contemporary society and how to cope up with them. He also talked about the application of Chemistry in Engineering domain. The students were delighted for this in-depth, thorough and insightful session. They raised a few queries and the speaker addressed them in a convincing way. It was very interactive and enlightening Session for students and even for faculties.

Session 02:

Resource Person: Dr Anil Garje, Asso. Prof. S P College, SPPU

Dr Garje explored the new avenues for Engineering students in Physics. He has explained in lucid way how skills and knowledge can be inculcated. Furthermore, he described the challenges of contemporary society and how to cope up with them. He also talked about the application of Physics in Engineering domain. The students were delighted for this in-depth, thorough and insightful session. They raised a few queries and the speaker addressed them in a convincing way. It was very interactive and enlightening Session for students and even for faculties.

Session 03:



Resource Person: Mr Prem Kiran Bhadane, Asst Prof, KVPS' SPDM College, Shirpur

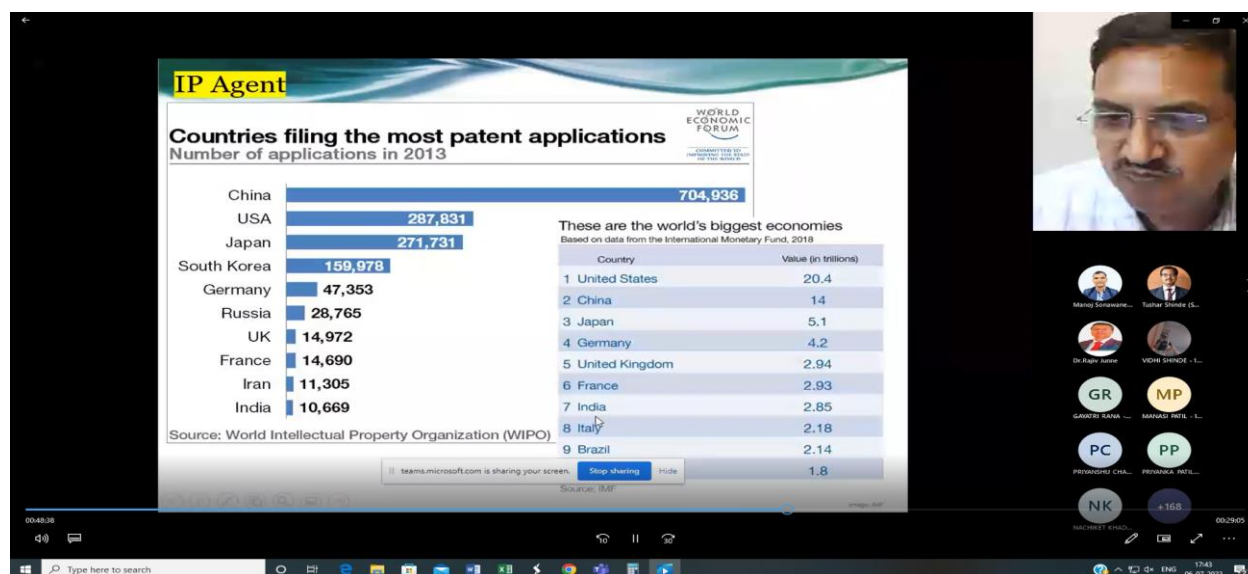
Dr Bhadane explored the new avenues for Engineering students in Mathematics. He has explained in lucid way how skills and knowledge can be inculcated. Furthermore, he described the challenges of contemporary society and how to cope up with them. He also talked about the application of Mathematics in Engineering domain. He talked in detail how Mathematics can be learned in an interesting way. The students were delighted for this in-depth, thorough and insightful session. They raised a few queries and the speaker addressed them in a convincing way. It was very interactive and enlightening Session for students and even for faculties.

Session 04:

Resource Person: Mr Udaykumar Nikam, Asst Prof. A P Shah Institute of Technology, Thane

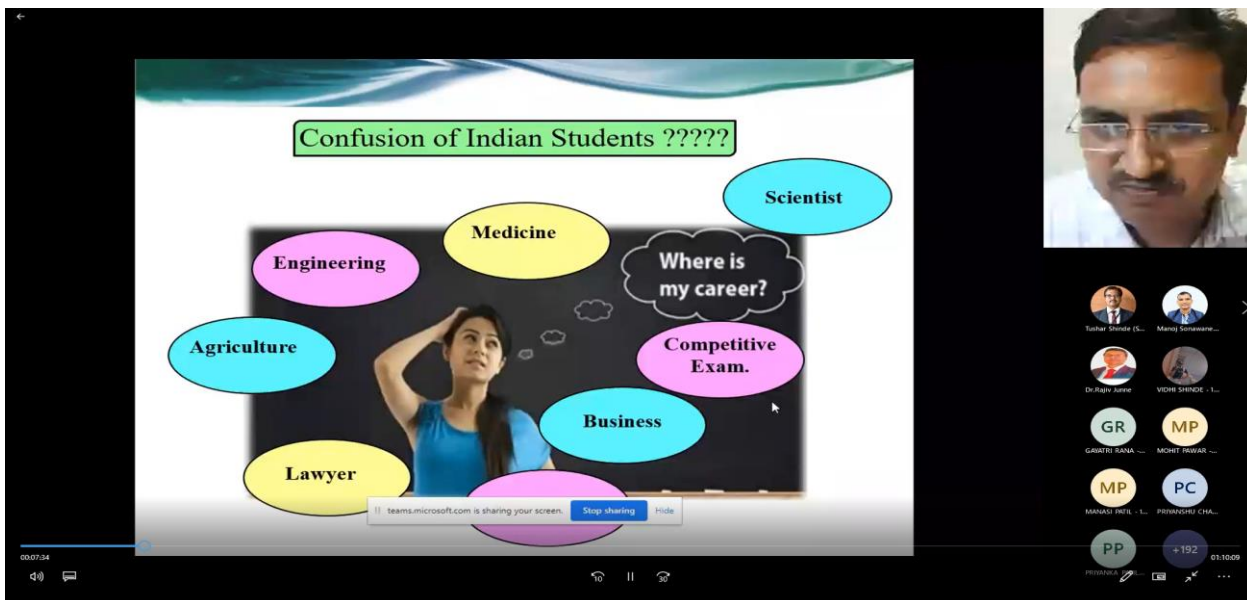
Mr Nikam explored the new Methods and Techniques for Effective Presentation for Engineering students. He has explained in lucid way how different skills and in-depth study helps to deliver effective presentation. Furthermore, he described the challenges in effective presentation and explained how to overcome them. He also talked about the role of Non-Verbal communication and significance of apparel, gestures, postures in delivering effective presentation. He talked about the Font and Font-size, Slide background and animation to design effective presentation. The students were delighted for this in-depth, thorough and insightful session. They raised a few queries and the speaker addressed them in a convincing way. It was very interactive and enlightening Session for students and even for faculties.

The photos of the workshop are attached hereafter:

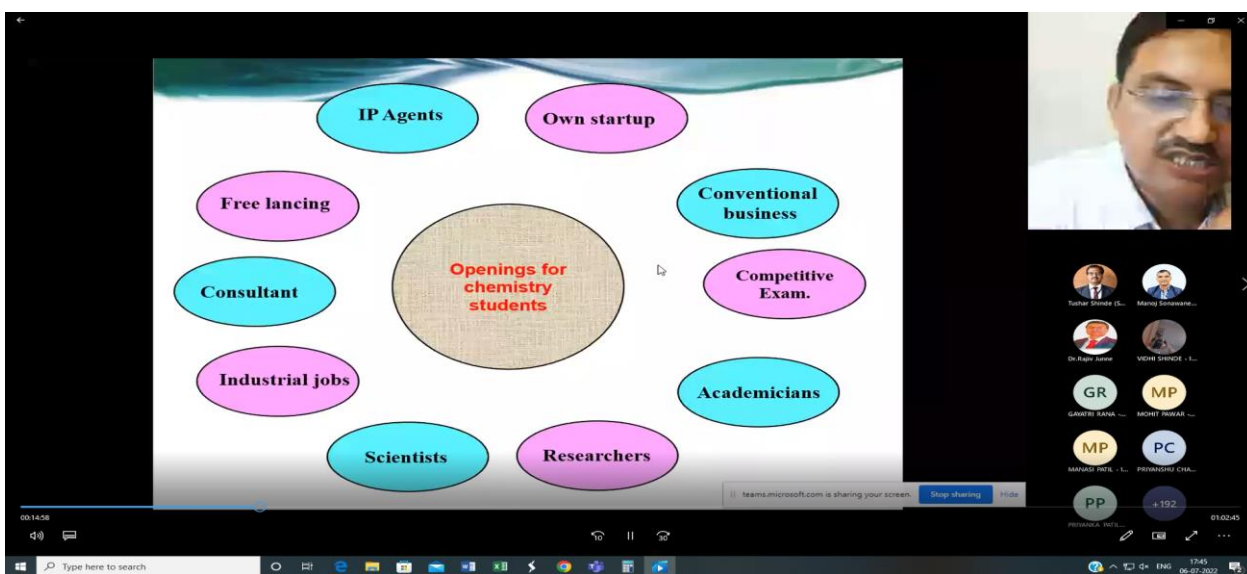


Dr Vikas Gite delivering his presentation on Career Opportunities in Chemistry

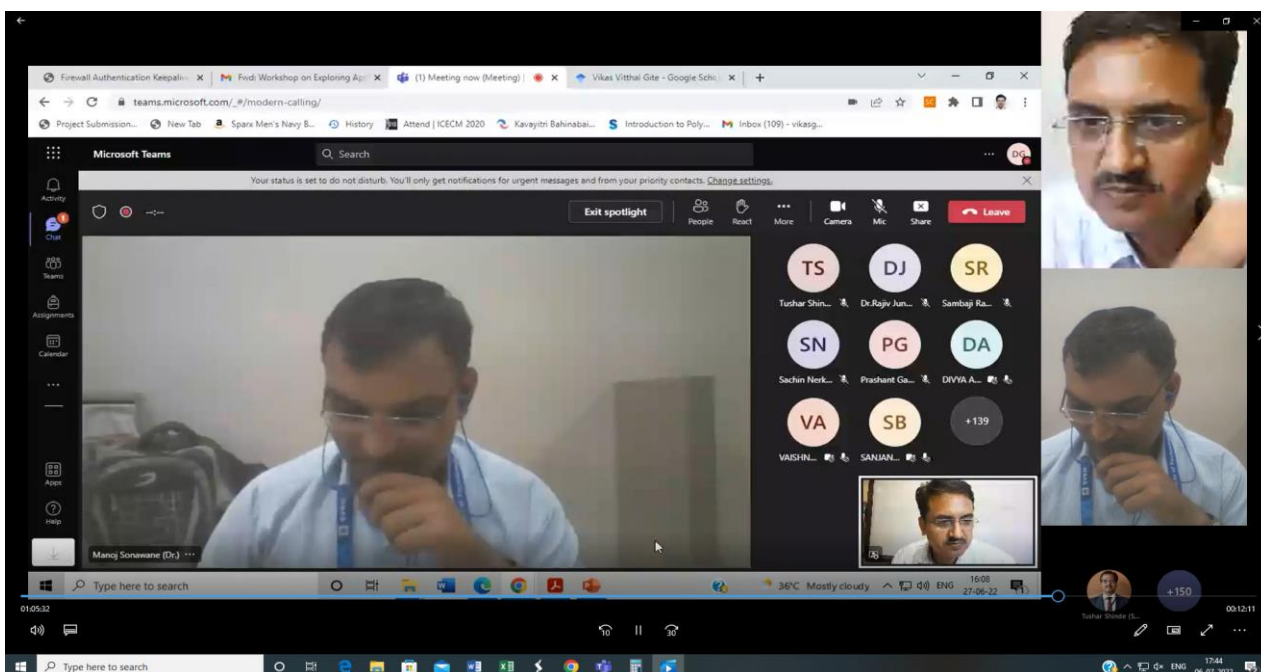




Dr Vikas Gite elucidating his presentation

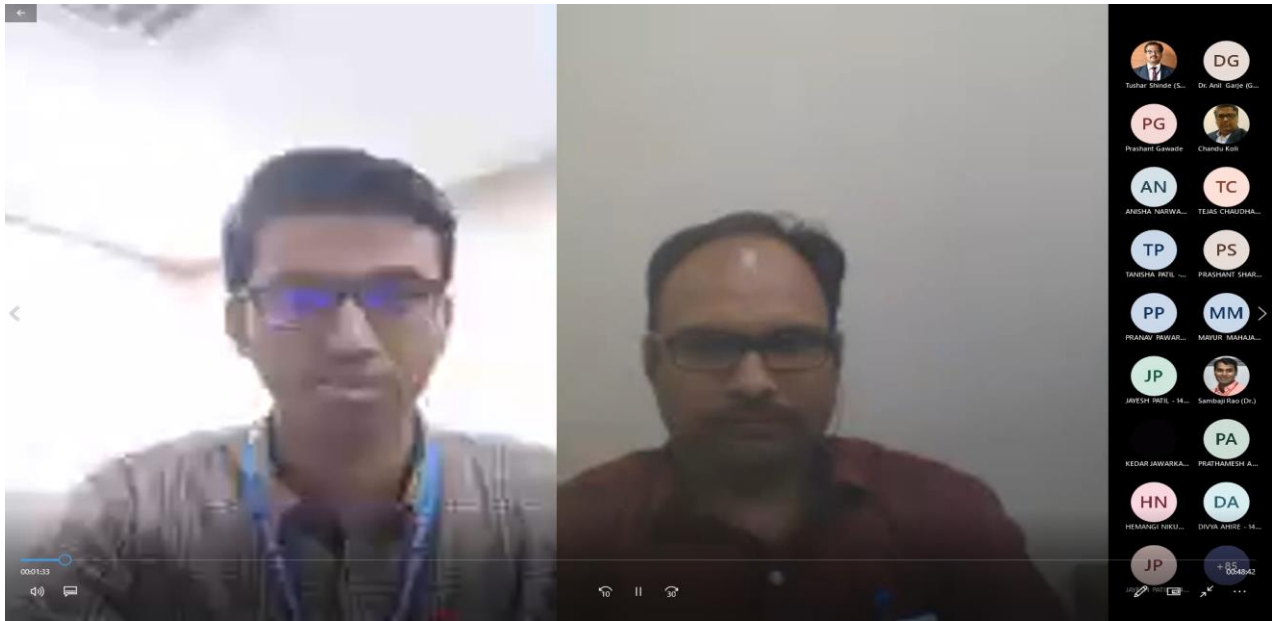


Dr Vikas Gite delivering his presentation on Career Opportunities in Chemistry

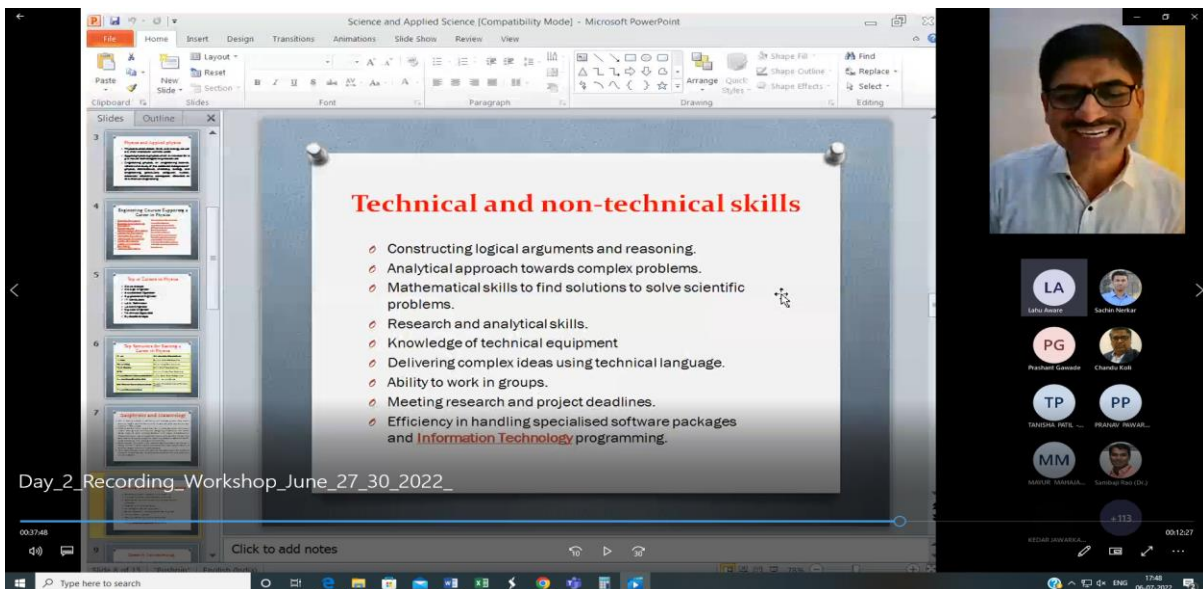


Dr Manoj Sonawane, Asst. Prof. while proposing Vote of Thanks

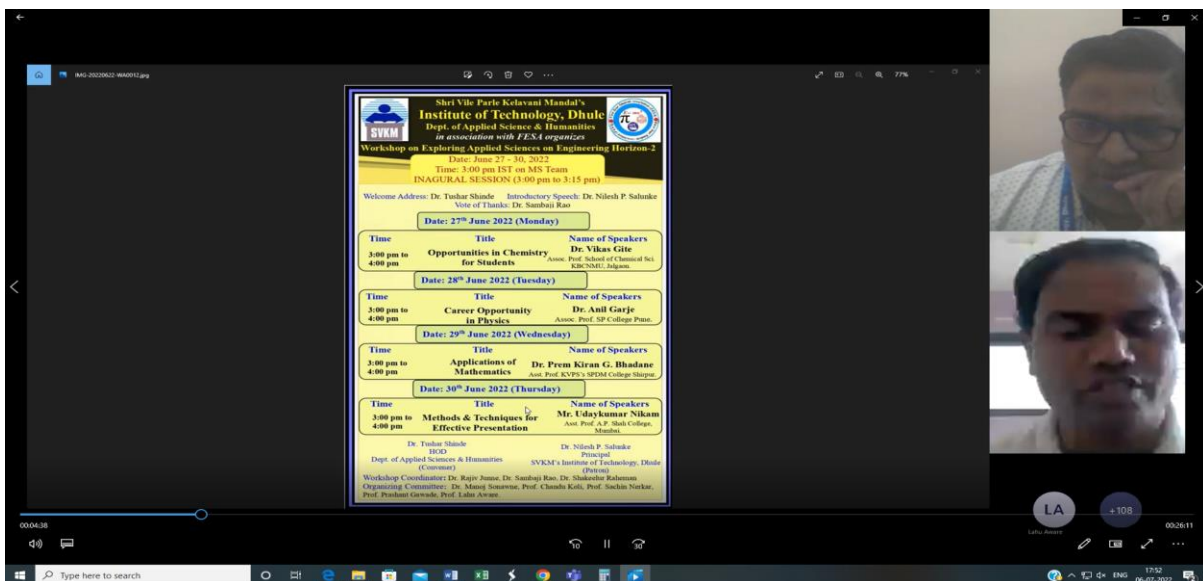




Mr Sachin Nerkar, Asst. Prof. while introducing the Resource Person Dr Anil Garje



Dr Anil Garje delivering his presentation on Career Opportunities in Physics.

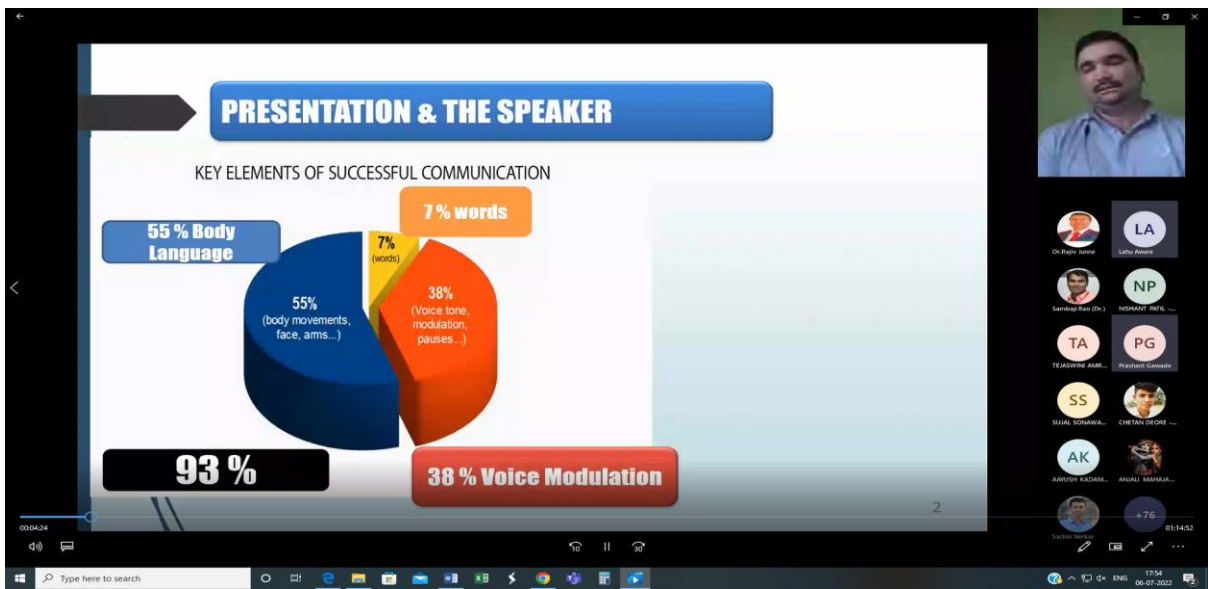


Mr Chandu Koli, Asst. Prof. while introducing the Resource Person Mr Prem Kumar Bhadane

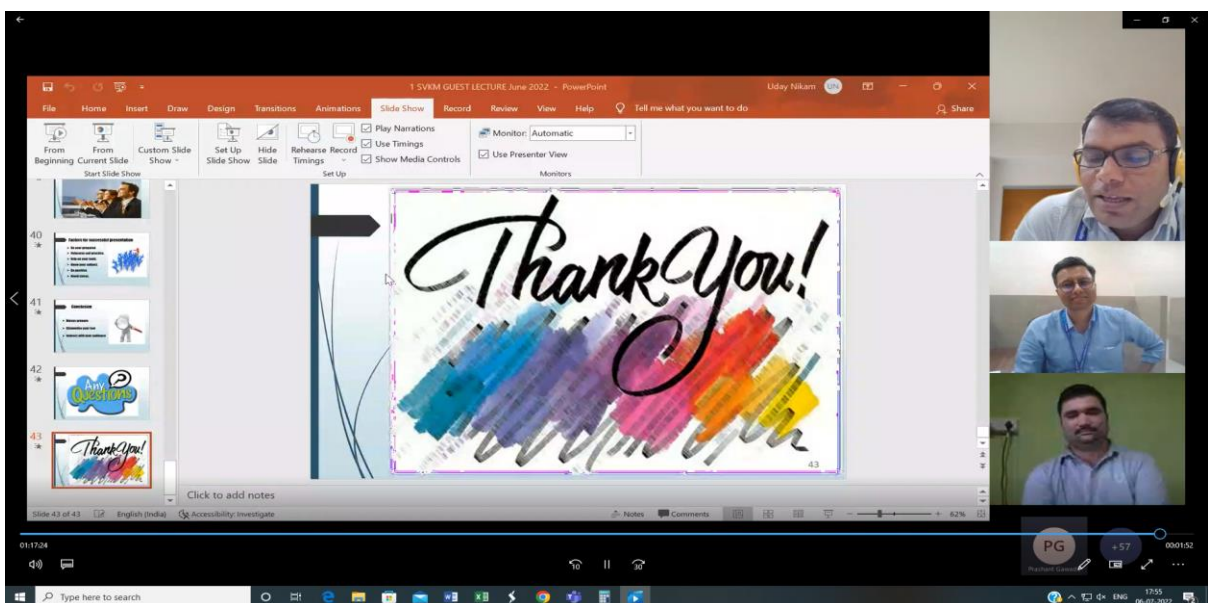




Dr Rajiv Junne, Asst. Prof. while introducing the Resource Person Mr Udaykumar Nikam



Mr Udaykumar Nikam delivering his presentation on Methods and Techniques for Effective Presentation



Sambaji Rao Asst Prof while proposing Vote of Thanks



POs Mapped:

Justification for mapping:

PO Mapped	Justification
7	Students understand the impact of the engineering solutions in societal and environmental contexts and demonstrate the knowledge of, and need for sustainable development.
9	Students learn how to function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.
10	Students learn to communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
12	Students recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PO Attainment Level:

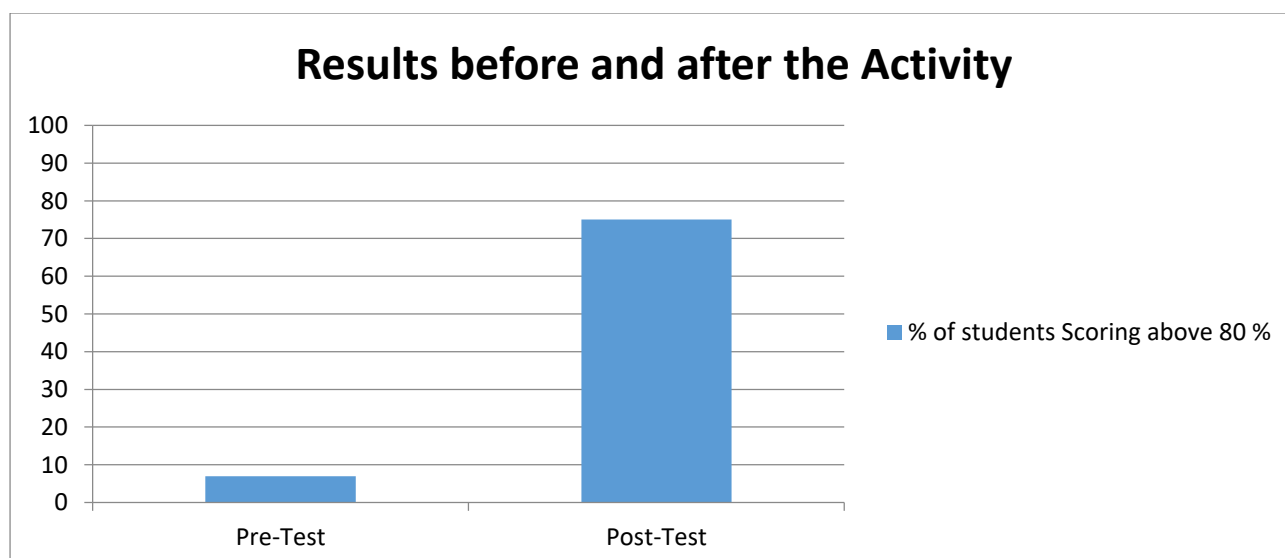
Attainment Level	Description
Level 1 : Low	50% of students scoring more than set attainment level.
Level 2 : Medium	60% of students scoring more than set attainment level.
Level 3 : High	70% of students scoring more than set attainment level.

Overall Attainment: Level 3

PO's Attained: 7, 9, 10 & 12

Feedback Link: <https://forms.office.com/r/4c2StPA81V>

Analysis of Feedback:



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