

K.T.S.P.Mandal's

Hutatma Rajguru Mahavidyalaya, Rajgurunagar

Short Term Course

A.Y.-2024-25

Department of Sciences

“Inventions in Material Sciences”

REPORT

SHORT TERM COURSE ON “Inventions in Material Sciences”

A.Y. – 2024-2025

Course Coordinator: Dr. Sunita Jadhav

Duration: 01/02/2025 to 12/02/2025

Applicable to: T. Y. B.Sc. and S.Y. B.Sc.

Total student strength: 50

Fees in rupees: 500/-

Brief Report:

Department of Sciences, Hutatma Rajguru Mahavidyalaya, Rajgurunagar, conducted a short term course for T.Y. B.Sc. and S.Y.B.Sc. Students on topic “**Inventions in Material Sciences**” for academic year 2024-2025 by online mode.

Dr. Shirish Pingale sir principal, Hutatma Rajguru Mahavidyalaya, inaugurated the course and guided the students. Short term course conducted by Dr. Sunita Jadhav as course coordinator during the period of 01Feb. 2025 to 12 Feb. 2025 under the guidance of Principal Dr. Shirish Pingale sir.

1] Dr. Suryakant Sapkal, Research Faculty, JNEC Aurangabad.

2] Dr. Santosh Khillare, Assistant Professor, Department of Chemistry, Shardabai Pawar Mahila Mahavidyalaya Baramati.

3] Dr. Shivshankar Mane, Scientist, Polymer Science and Engineering Division, NCL Pune.

4] Dr. Prakash N. Chavan, Ph.D. csir National Chemical Lab. Pune, Post Doc- USA, South Korea & Taiwan, IIT Kanpur. Assistant Professor, Karmveer Bhaurao Patil College, Islampur.

5] Dr. L.S. Gadekar , Associate Professor, Department of Chemistry, NSSR'S Mrs. Kesharbai Sonajirao Kshirsagar Alias Kaku Atrs, Science and Commerce College Beed.

6] Prof. S. S. Kolekar Department of Chemistry, Hutatma Rajguru Mahavidyalaya Rajgurunagar, delivered guest lectures on Applications of Nanotechnology.

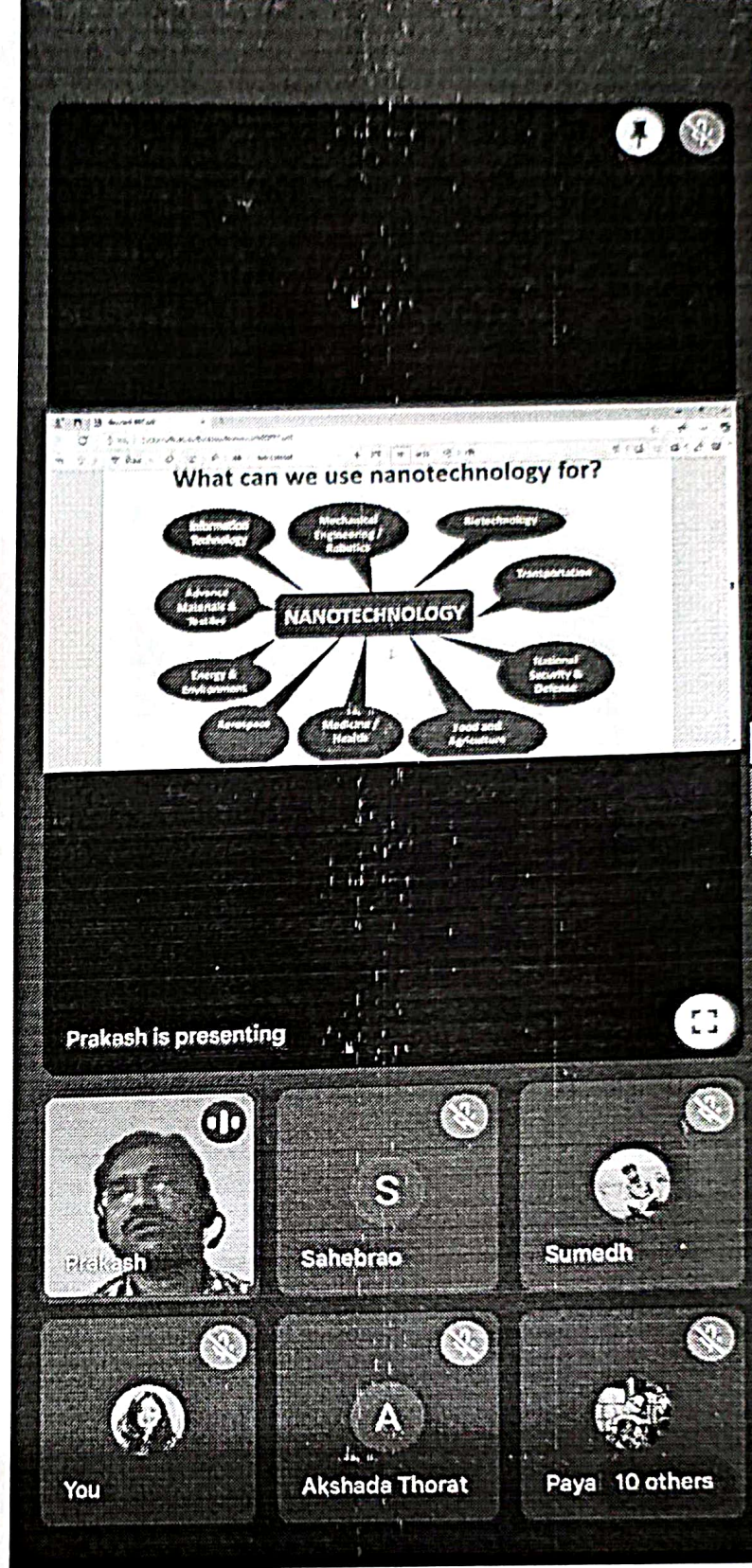
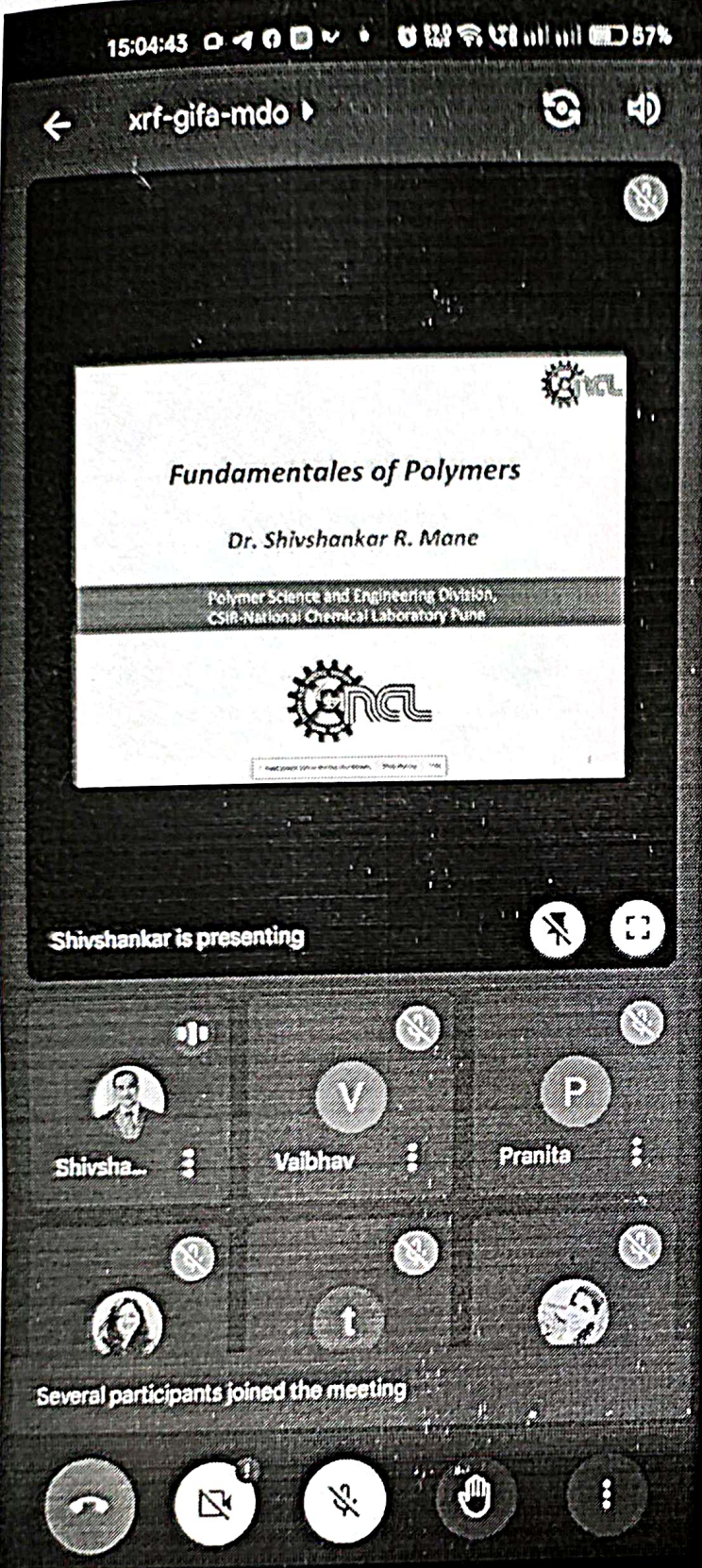
Dr. Sunita Jadhav and all teachers completed the syllabus on time. At the end of the course there was final examination conducted by online mode and all students successfully completed the course and got the certificates.

According to the student's feedback, they were understood the meaning of nano, difference in nano-range and micro-range also the functioning of smart materials. They were understood the distinct properties like electrical, magnetic, optical, thermal and mechanical properties of nanostructures. Students familiarized with spectroscopic, electrical, thermal and magnetic characterization techniques.

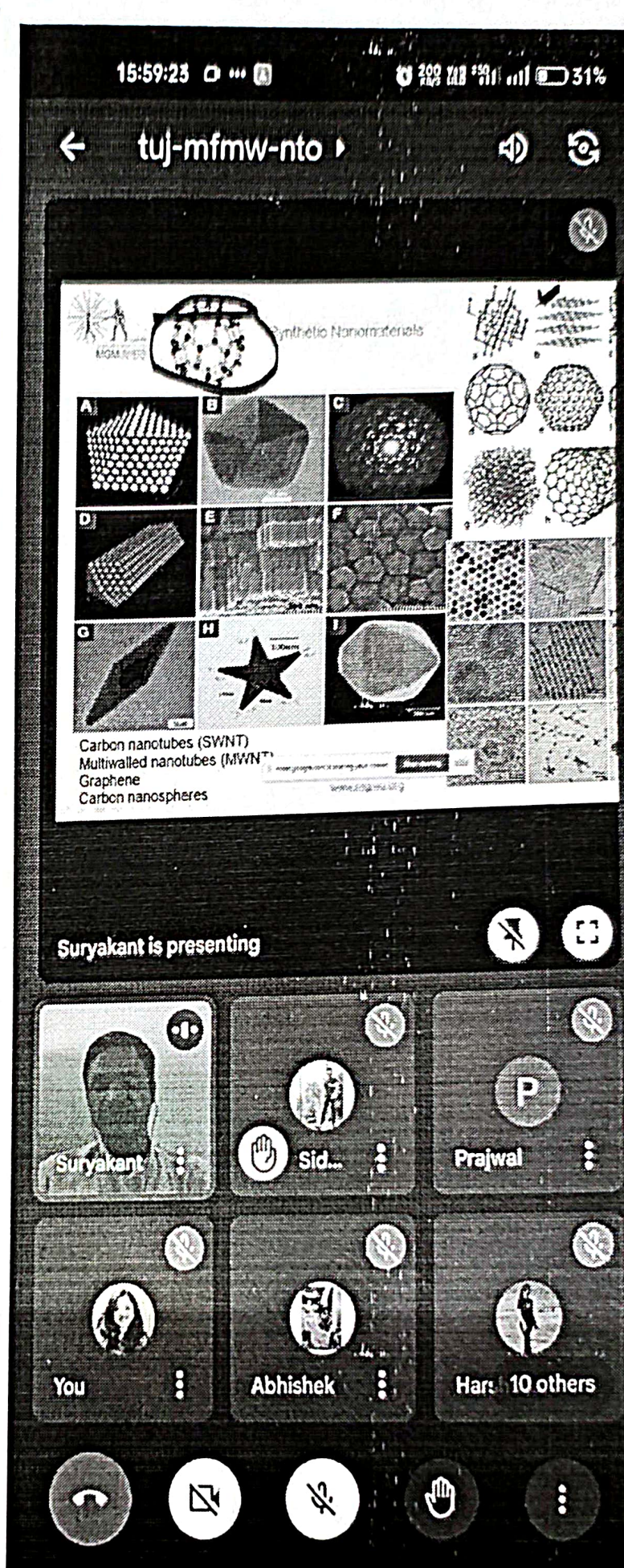
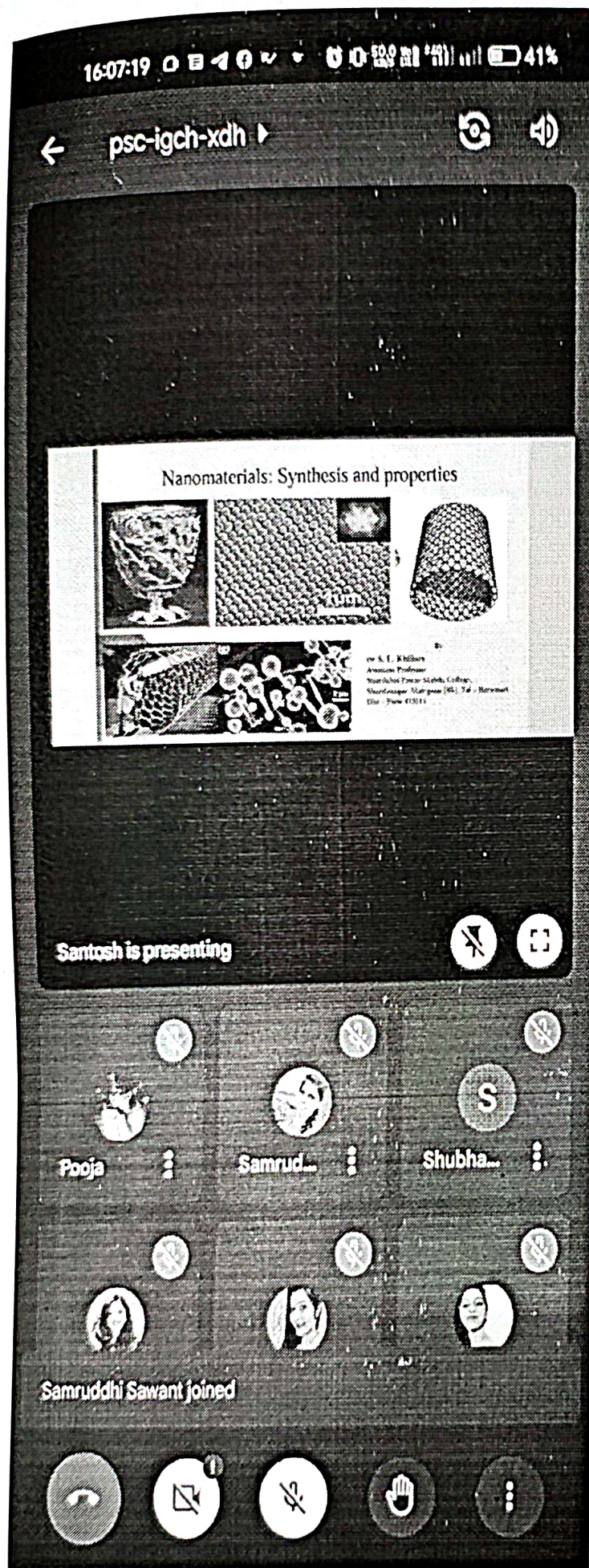
The course was successfully completed on time because of Principal Dr. Shirish Pingale sir, Vice Principal Dr. V. D. Kulkarni sir, Dr. Sunita Jadhav, Assistant Professor Department of Chemistry and Head of Science Departments and all teaching and non teaching staff of Hutatma Rajguru Mahavidyalaya Rajgurunagar.



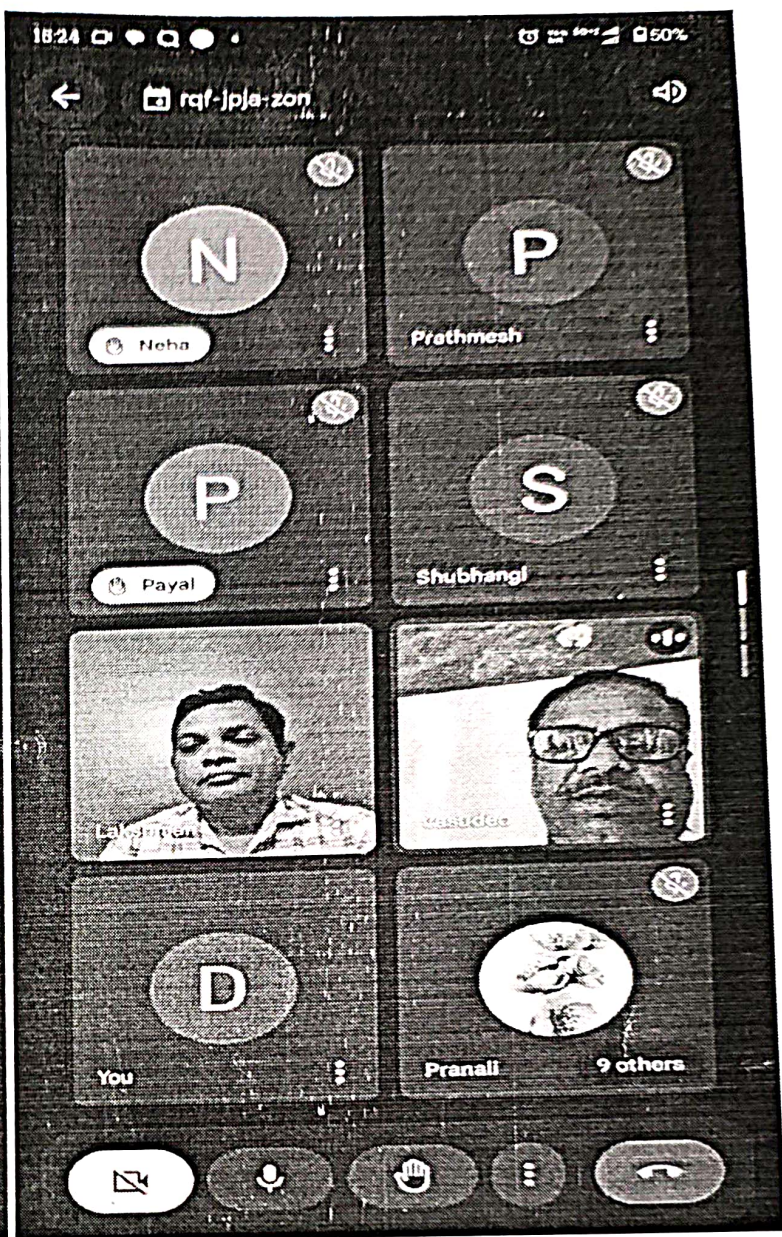
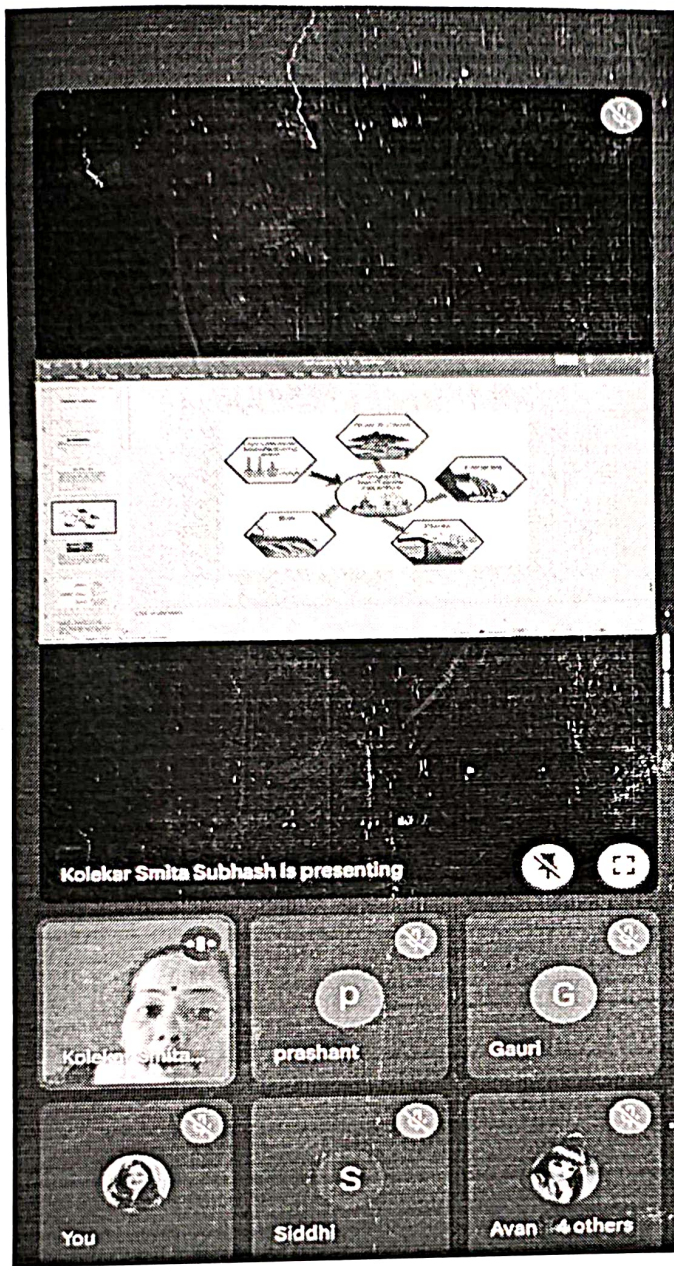
Dr. Sunita Jadhav
Course Coordinator



- 1) Guest lecture by Dr. Shivshankar Mane Sir
- 2) Guest lecture by Dr. Prakash Chavan Sir



- 1) Guest Lectures by Dr. Santosh Khillare Sir
- 2) Guest Lectures by Dr. Suryakant Sapkal Sir



- 1) Guest Lecture by Prof. S. S. Kolekar
- 2) Guest Lecture by Dr. L. S. Gadekar

Jadhav
Dr. Sumita Jadhav
 Course Coordinator

Shirish Pingale
Dr. Shirish Pingale
PRINCIPAL
 Hutatma Rajguru Mahavidyalaya
 Rajgurunagar, Tal. Khed, Dist. Pune