

**KTSPM'S
HUTATMA RAJGURU MAHAVIDYALAYA,
RAJGURUNAGAR**

SHORT-TERM COURSE

On

“Basics in Nano sciences”

Organized

By

DEPARTMENT OF CHEMISTRY

(2022-2023)

REPORT
SHORT TERM COURSE ON “BASICS IN NANO SCIENCES”

A.Y. – 2022-2023

| | |
|--------------------------------|----------------------------------------|
| Course Coordinator: | Dr. Sunita Jadhav |
| Duration: | 15/10/2022 To 22/10/2022 (35 Lectures) |
| Applicable to: | T. Y. B.Sc. and B.C.S. |
| Total student strength: | 150 |
| Fees in rupees: | 700/- |

Brief Report:

Department of Sciences, Hutatma Rajguru Mahavidyalaya, Rajgurunagar, conducted a short term course for T.Y. B.Sc. and B.C.S. students on topic “Basics in nanosciences” for academic year 2022-2023 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 15 Oct. 2022 to 22 Oct. 2022 under the guidance of Principal Dr. Shirish Pingale sir.

1] Dr. Arindam Ghosh, Associated Professor and Head of Physics Department, Ramchandra Chandravanshi University, Bishrampur, Jharkhand.

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

3] Dr. Jayant Rathod, Assistant Professor, Department of Microbiology, Shardabai Pawar Mahila Mahavidyalaya Baramati.

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

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

6] Dr. Ramesh Bhise, Associated Professor and Head of Physics Department, B.J.A.C.S. College Ale.

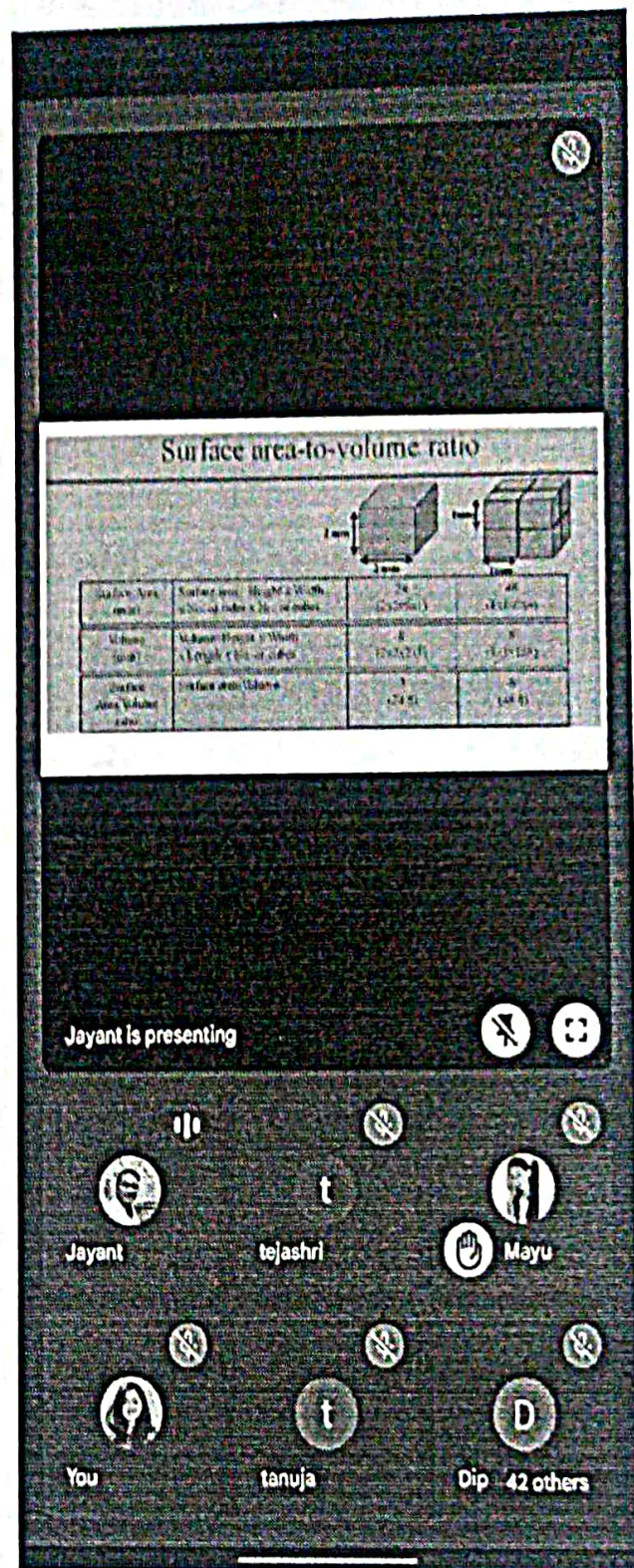
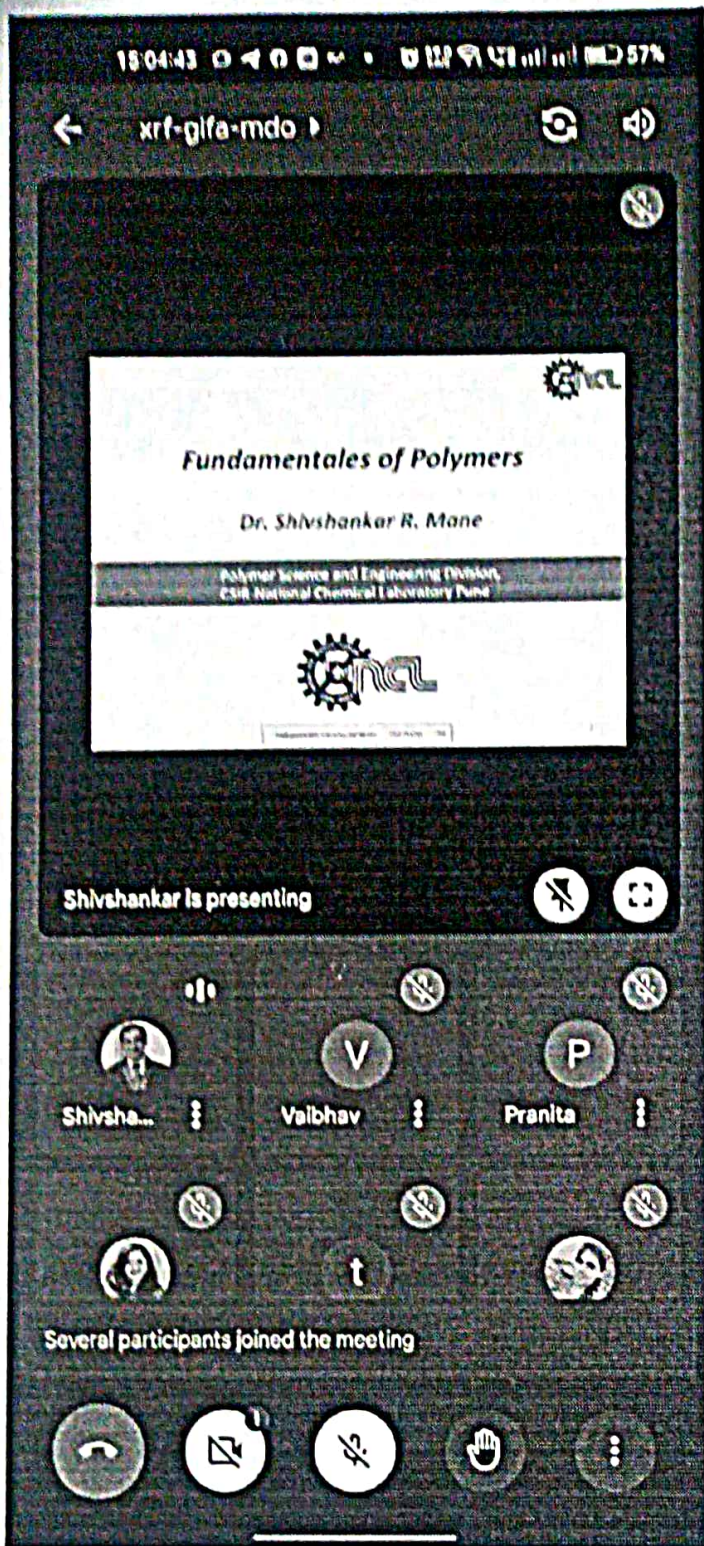
7] Prof. Vikas Deshmukh, Department of Physics, Hutatma Rajguru Mahavidyalaya Rajgurunagar, delivered guest lectures on Basics in Nanosciences.

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.

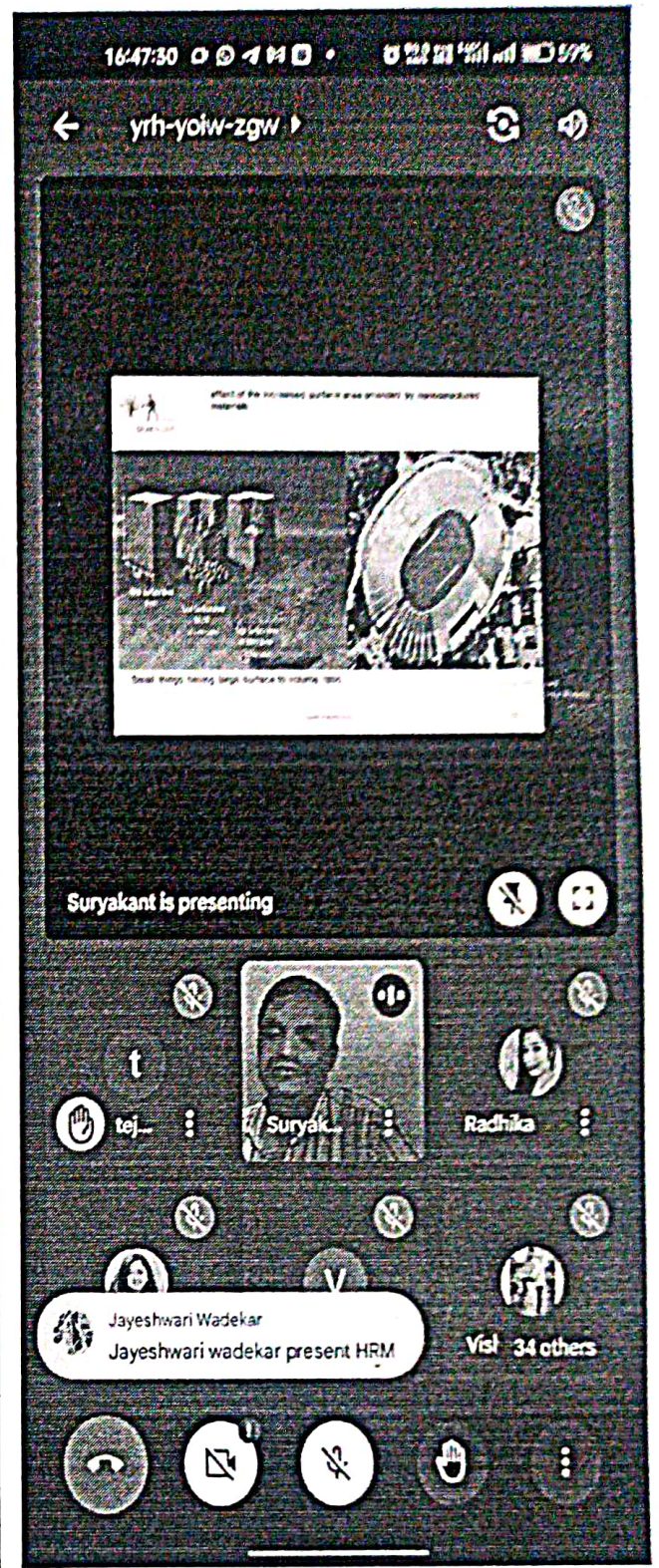
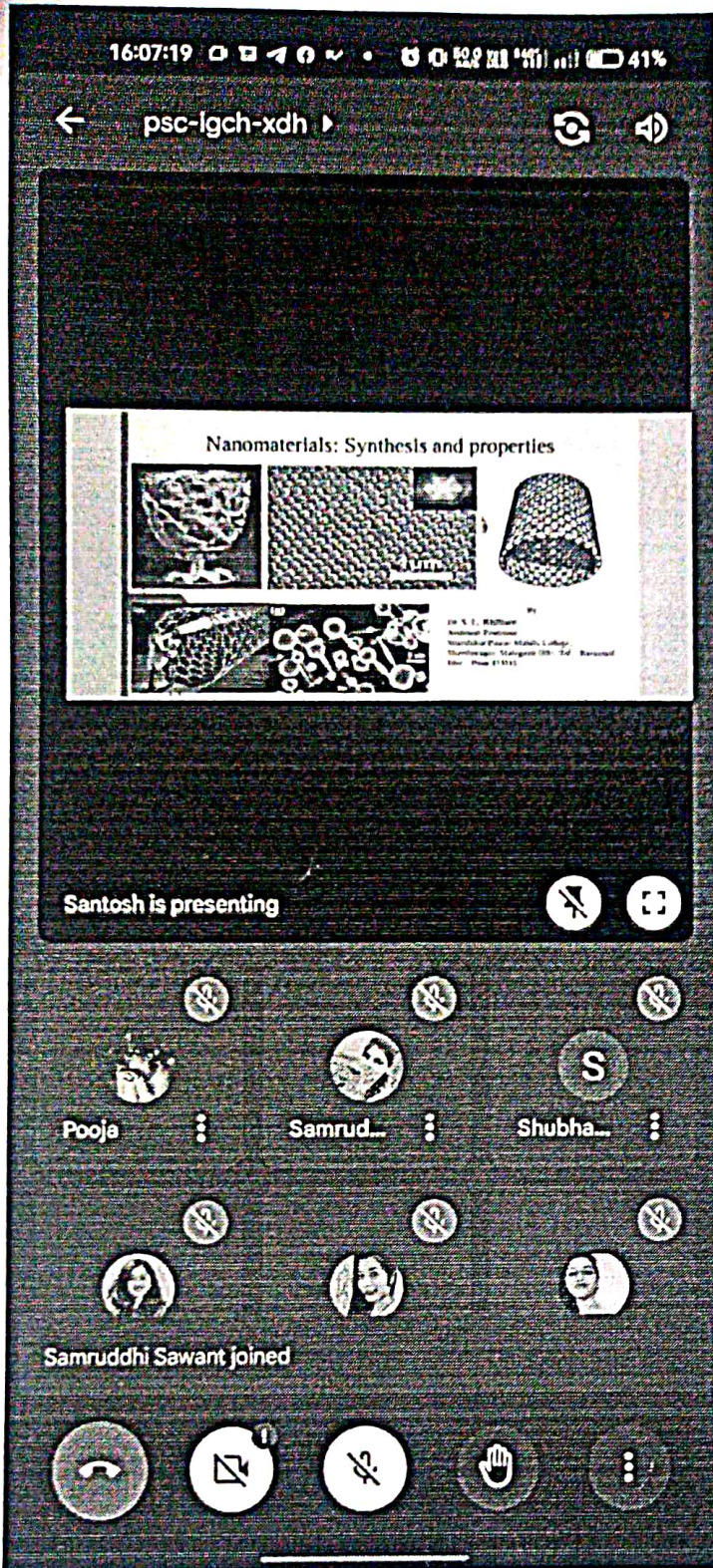
According to the student's feedback, they were understood the meaning of nano, difference in nano-range and micro-range also the functioning of smart materials. They were understood the distinct properties like electrical, magnetic, optical, thermal and mechanical properties of nanostructures. Students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

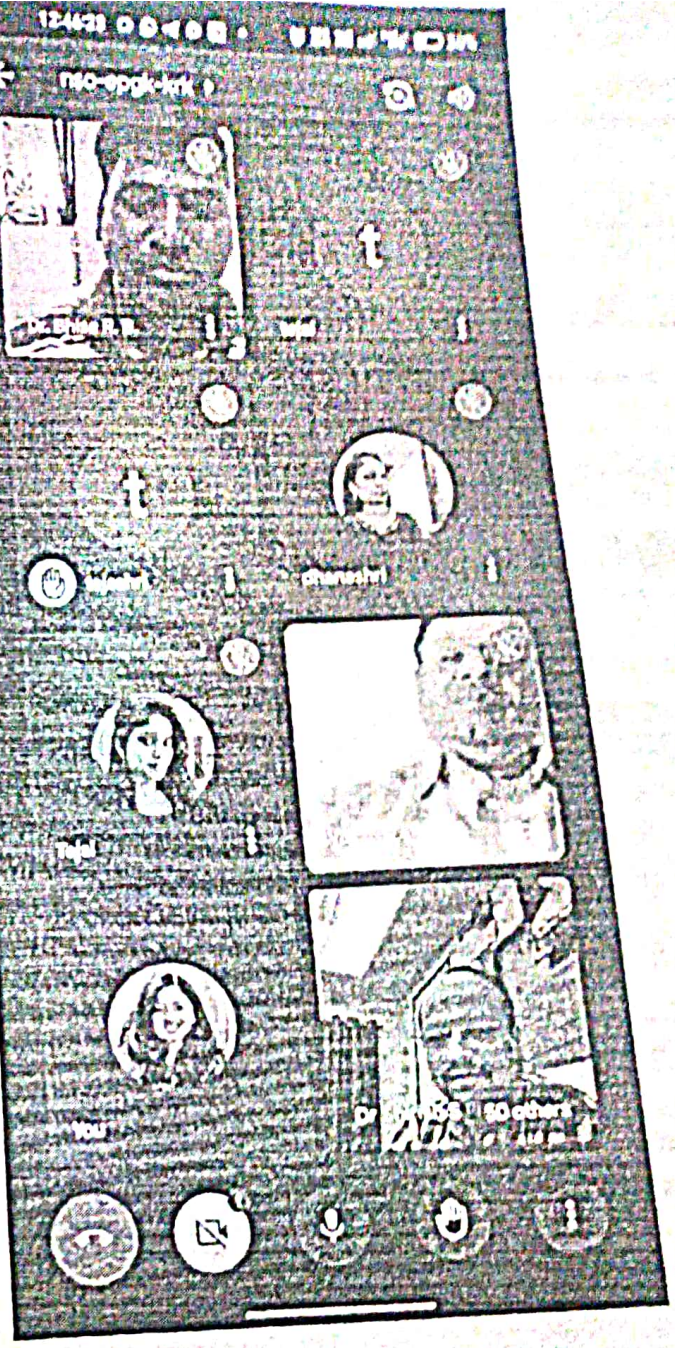
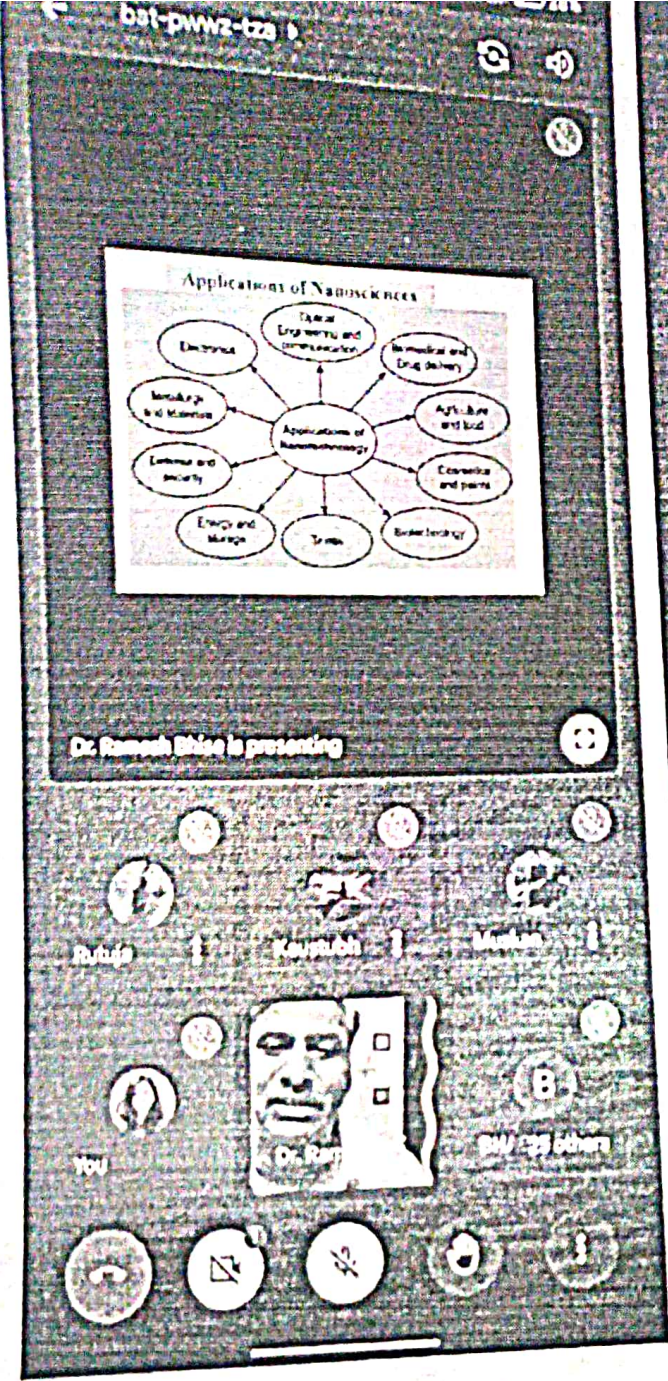
Dr. Sunita Jadhav
Course Coordinator



- 1) Guest lecture by Dr. Shivshankar Mane Sir
- 2) Guest lecture by Dr. Jayant Rathod Sir



Guest Lectures by Dr Santosh Khillare Sir and Dr. Sapkal Sir



Guest Lecture by Dr. Bhise Sir and Valedictory Session, key note address by Principal Shirish Pingale Sir.

Sunita Jadhav

Dr. Sunita Jadhav
Course Coordinator

Shirish Pingale

Dr. Shirish Pingale

Principal
Principal
Hutatma Rajguru Mahavidyalaya
Raigurunagar, Tal. Khed, Dist. Pune



K.T.S.P.Mandals

Hutatma Rajguru Mahavidyalaya Rajgurunagar

Rajgurunagar, Tal.Khed, Dist.Pune



Certificate

This is to certify that

Mr/Miss.....*Mable Chaitali YishwDas*.....of.....*T.Y. Bsc.*

.....*Dept. of Chemistry*.....*H.R.M.*.....has

Participated and successfully completed online short term course on "Basics in

*Nanosciences" from 15/10/2022 to 22/10/2022 and obtained a grade ...*A*.....*

organized by Faculty of Sciences, Hutatma Rajguru Mahavidyalaya Rajgurunagar.

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DR. SUNITA JADHAV
COORDINATOR

DR. V. D. KULKARNI
VICE PRINCIPAL

DR. Shirish Pingale
PRINCIPAL



K.T.S.P.Mandals

Hutatma Rajguru Mahavidyalaya Rajgurunagar

Rajgurunagar, Tal.Khed, Dist.Pune



Certificate

This is to certify that

Mr/Miss..... Pooja..... Ramchandra..... Sandbhor..... of.....
..... T.Y.: B.Sc., Dept. of Chemistry..... H.R.M..... has

Participated and successfully completed online short term course on "Basics in
Nanosciences" from 15/10/2022 to 22/10/2022 and obtained a gradeD.....

Organized by Faculty of Sciences, Hutatma Rajguru Mahavidyalaya Rajgurunagar.


DR. BUNITA JADHAV
COORDINATOR


DR. V. D. KULKARNI
VICE PRINCIPAL


DR. Shirish Pingale
PRINCIPAL