

**DR. AMBEDKAR COLLEGE,
DEEKSHABHOOMI, NAGPUR-10**

Name of the Programme : Webinar on ‘**Design Thinking Approach Towards
Classroom Teaching**’

Resource Person : Mr Ankish Tirpude

Date of the Programme : 16/10/2021

Number of Participants : 177

Hosted by : Department of Physics

Dr Ambedkar College, Deekshabhoomi, Nagpur

Department of Physics

NOTICE

Date: 14/10/2021

A guest lecture on ‘**Design Thinking Approach Towards Classroom Teaching**’ is organized by the Department of Physics on Saturday, 16th October 2021 at 10 am. Guest speaker is Mr Ankish Tirpude, Science Communicator (Tech. Assistant), Smt. Indrani Balan Science Activity Centre IISER Pune. The lecture is organized for the students of BSc (Physics), Part I, II & III students. All have to attend the lecture positively.

Coordinator of Program

Head of Department

Dr Aarti Wazalwar

K G Rewatkar

Guest Lecture by Mr Ankish Tirpude

A webinar on '**Design Thinking Approach Towards Classroom Teaching**' was organised online by Department of Physics of Dr Ambedkar College, Deekshabhoomi, Nagpur on **16/10/2021 at 10.00 am**. This lecture was held online on Zoom platform. The guest speaker was Mr Ankish Tirpude who is a Science Communicator (Tech. Assistant), Smt. Indrani Balan Science Activity Centre at IISER Pune.

The talk commenced with the inaugural address by the Principal of the college, Dr K.G.Rewatkar. He welcomed the guest and briefed the students about the guest lecture.

At the beginning, the speaker gave information about IISER Pune campus wherein the guest speaker showed slides of IISER, Pune campus.

In the beginning he gave information about the IISER Pune campus and various courses that the campus hosts. Throughout the talk, he showed a lot of hands on experiments regarding concepts of Physics mainly magnetism, optics, thermodynamics and so on. Throughout his talk he showed a lot of hands on experiments related to Physics. He showed slides of various magnets in ring shape, heart shaped, star shaped and so on. He demonstrated an experiment which showed strength of magnet depending upon the shape of the magnet. He also showed how led bulb glows with the help of a fidget spinner.

He showed an experiment with pencil which demonstrated convex and concave mirror. He also demonstrated converging and diverging lens and concepts related to it.

His talk was very interesting and laced with day to day examples and a lot of experimental demonstrations.

In the end he told various sites on IISER Pune where different demonstrations and experiments are hosted and urged the students to regularly visit the sites to strengthen the concepts in Physics, Chemistry, Mathematics and Biology.

In the end he gave information regarding Summer Internship Programs available and urged the students to join the internship programs.

The program was attended by about **177 students**. All the students enjoyed the session because it was something new for them, which is out of regular syllabus. The students got in-depth information about various hands on experiments related to Physics. Coordinator of program Dr (Mrs) Aarti N. Wazalwar interacted with the guest speaker. The event was hosted by student coordinators Karan Choudhary, Kruti Tiwari and Damini Sayyam. Karan Choudhary compered the program. Damini Sayyam proposed the formal vote of thanks.

physics dacn is inviting you to a scheduled Zoom meeting.

Topic: Guest Lecture of Mr Ankit Tirpude

Time: Oct 16, 2021 10:00 AM India

Join Zoom Meeting

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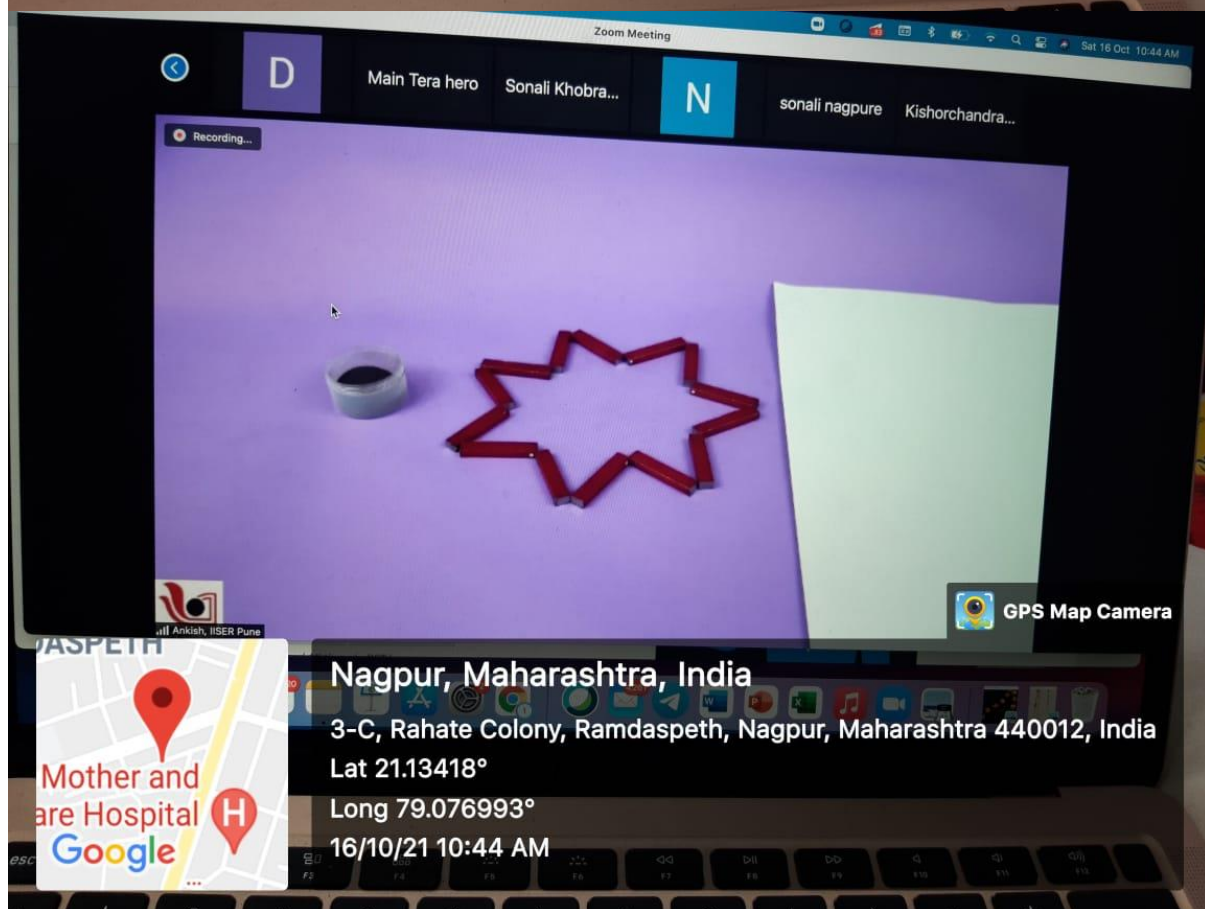
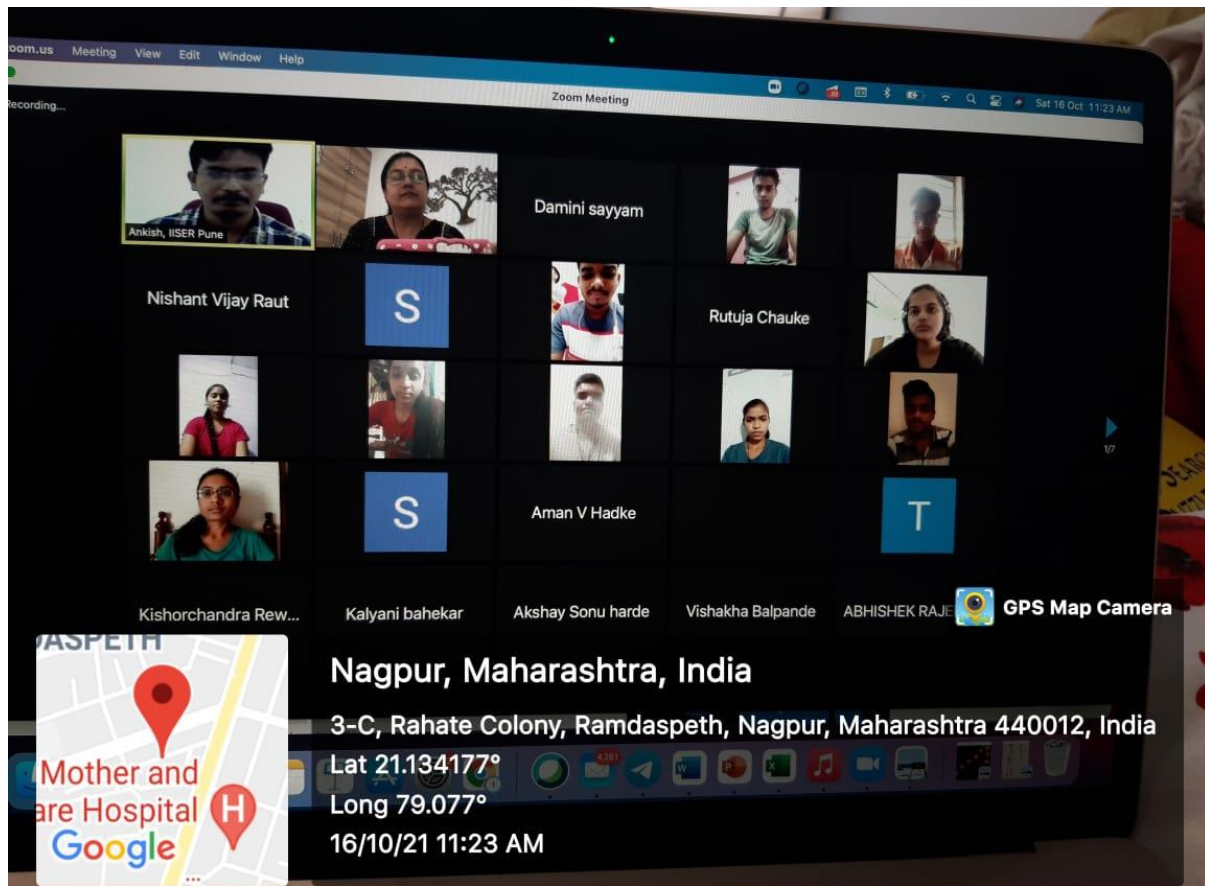
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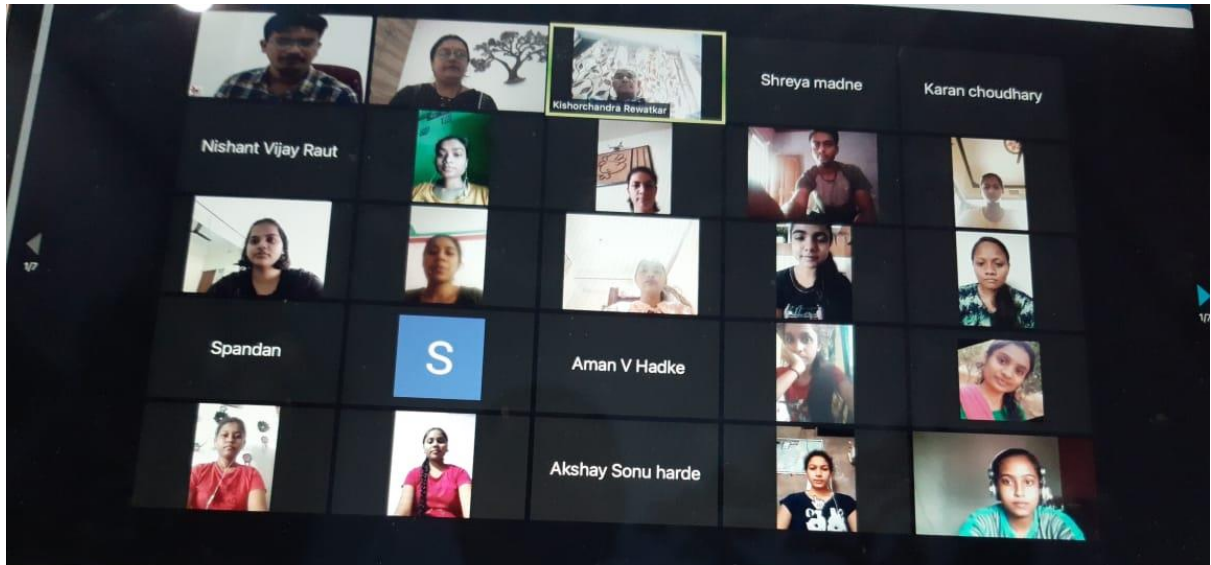
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Sat 16 Oct 10:25 AM

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Physics Ankish, IISER Pune

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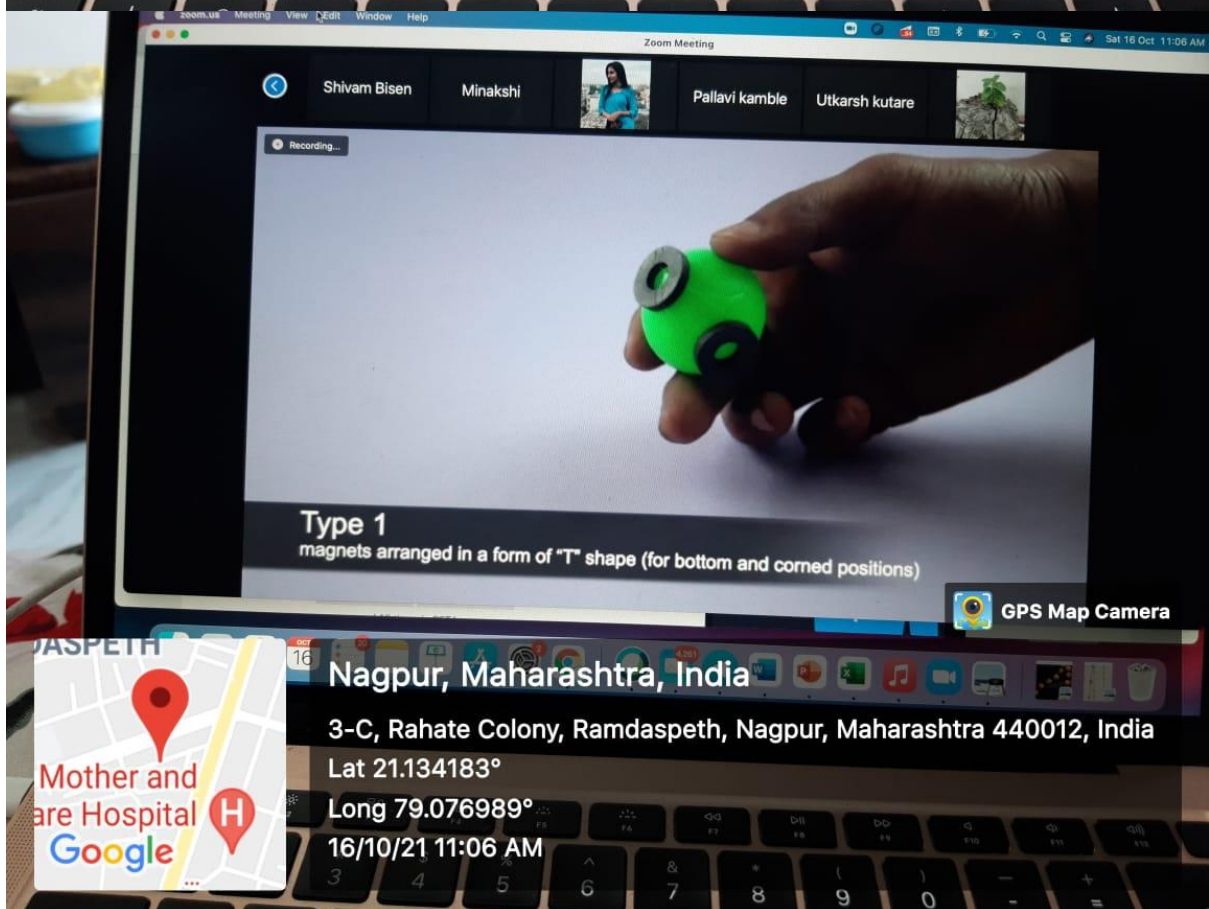
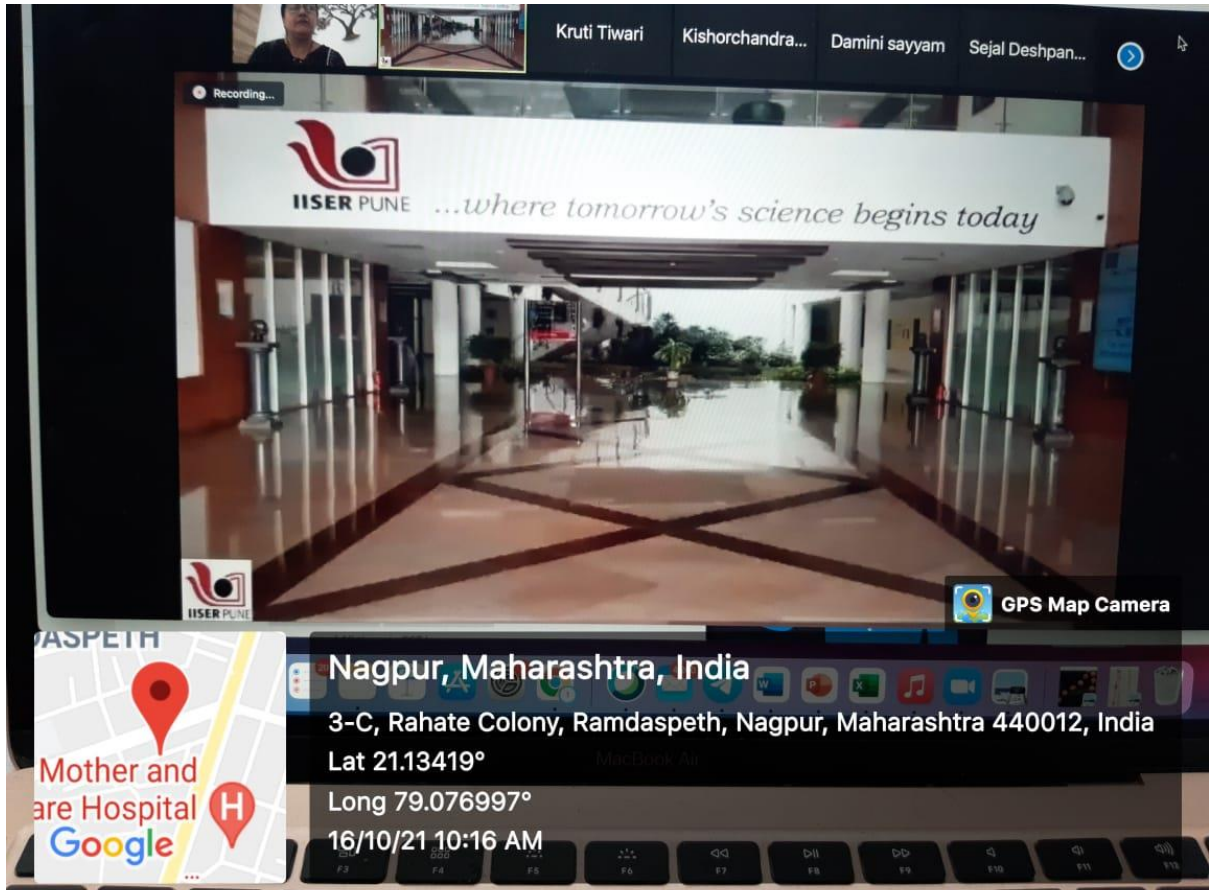
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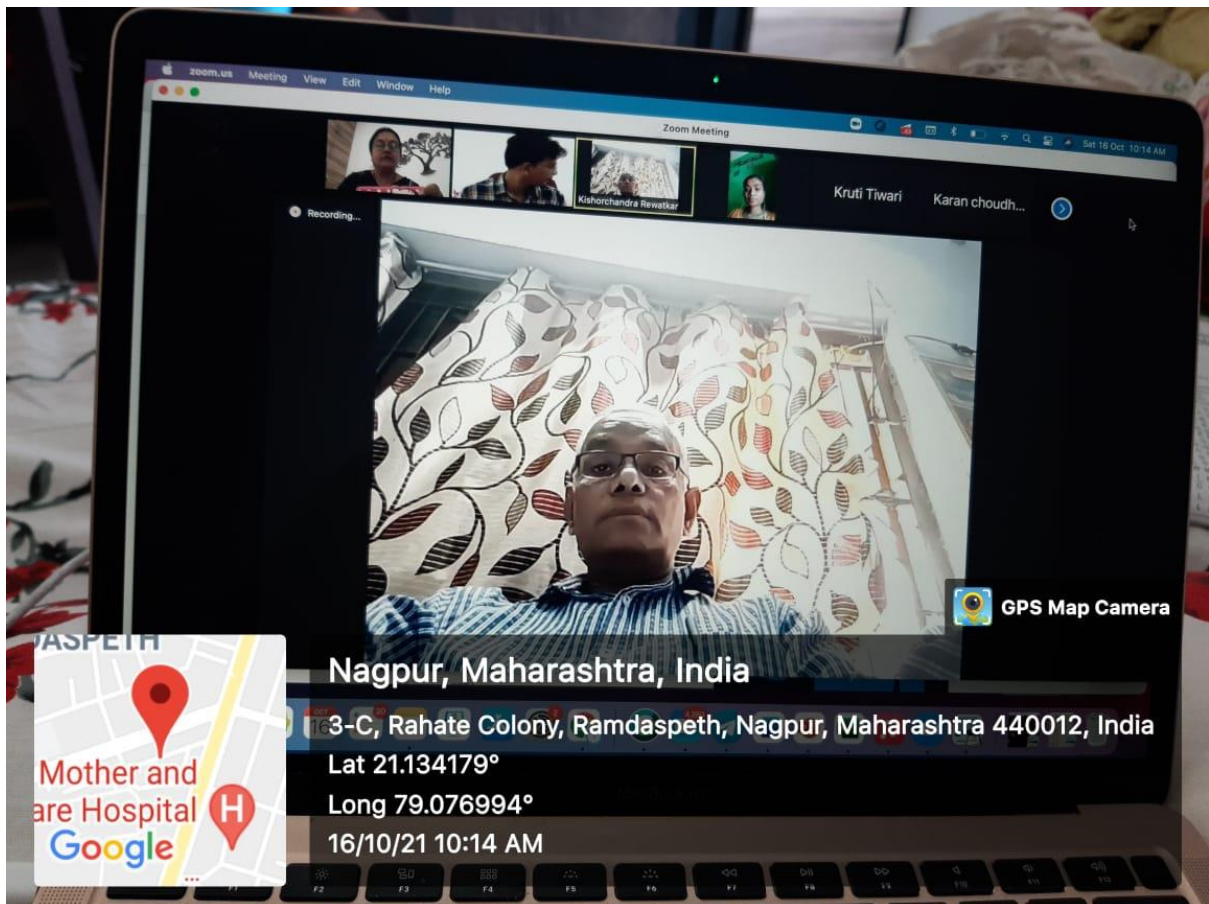
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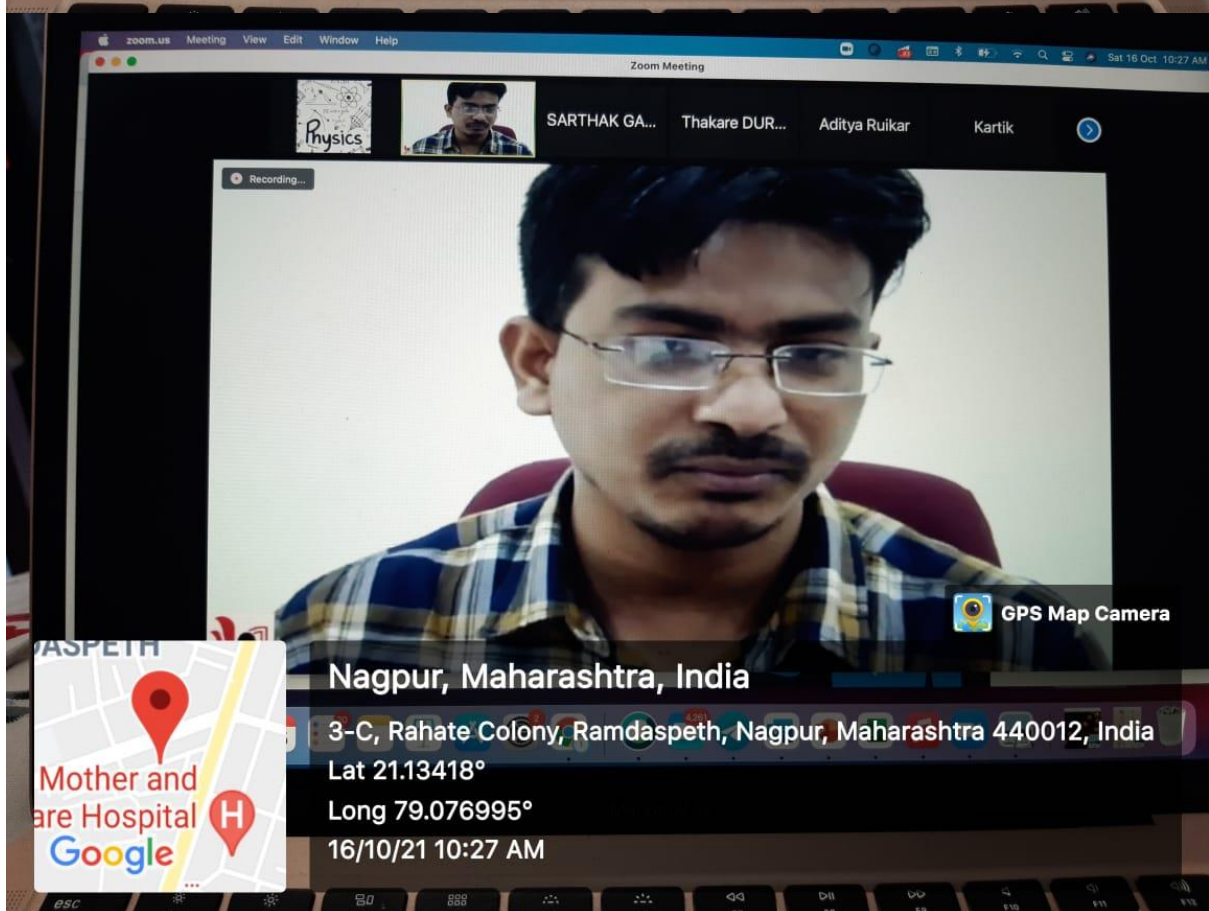
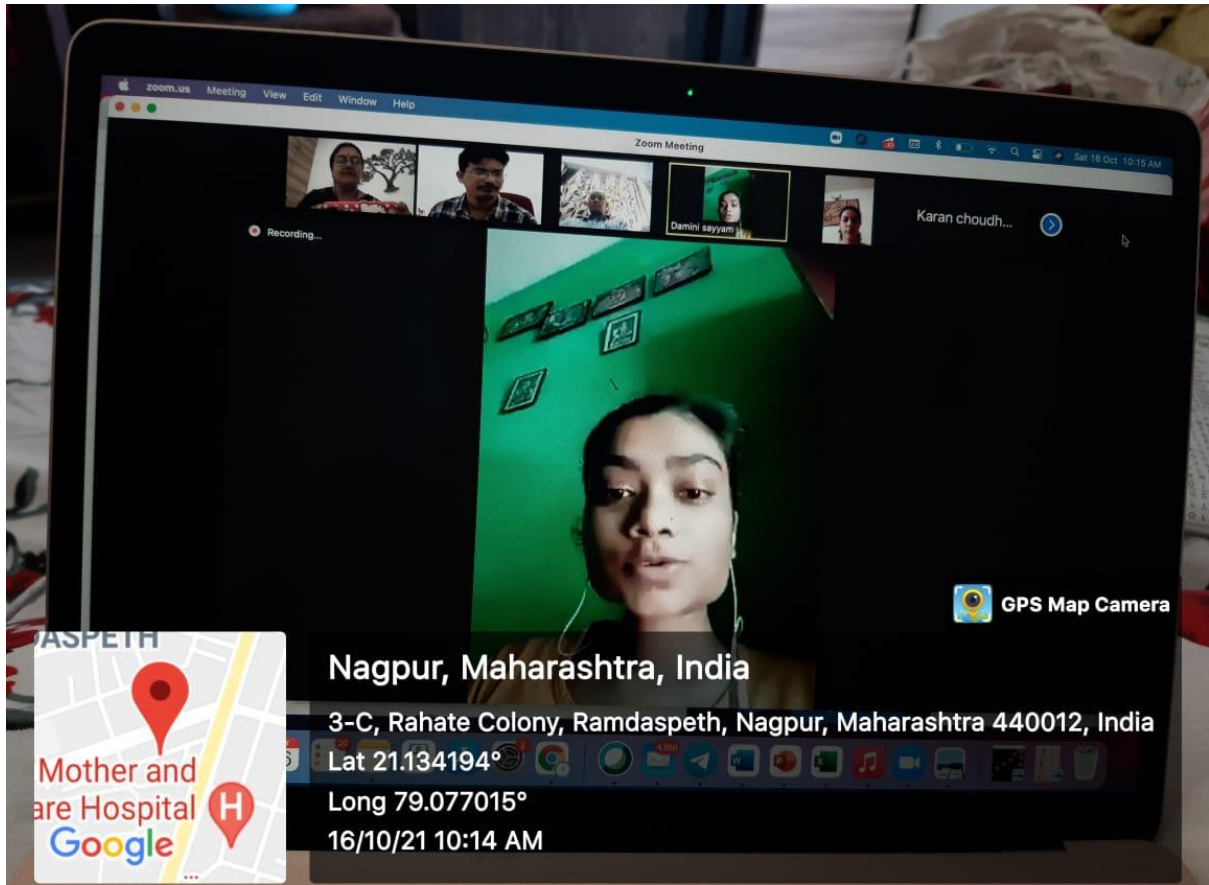
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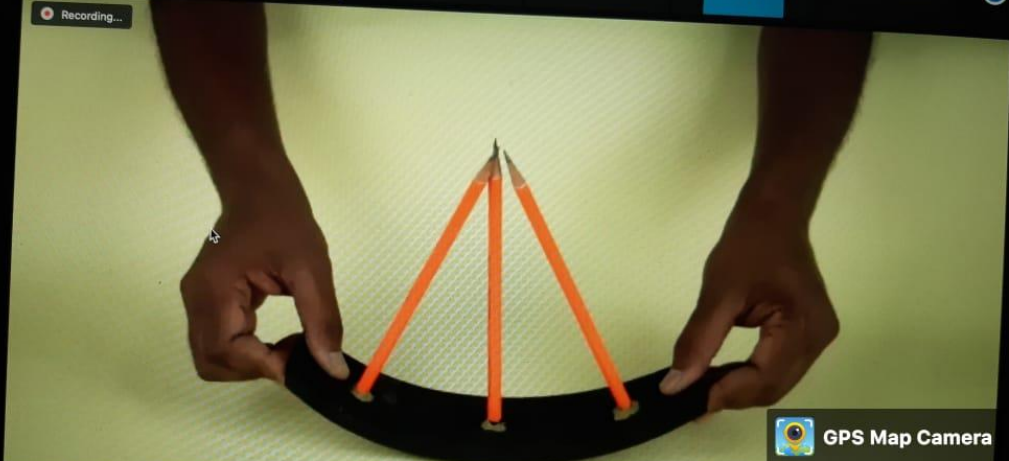
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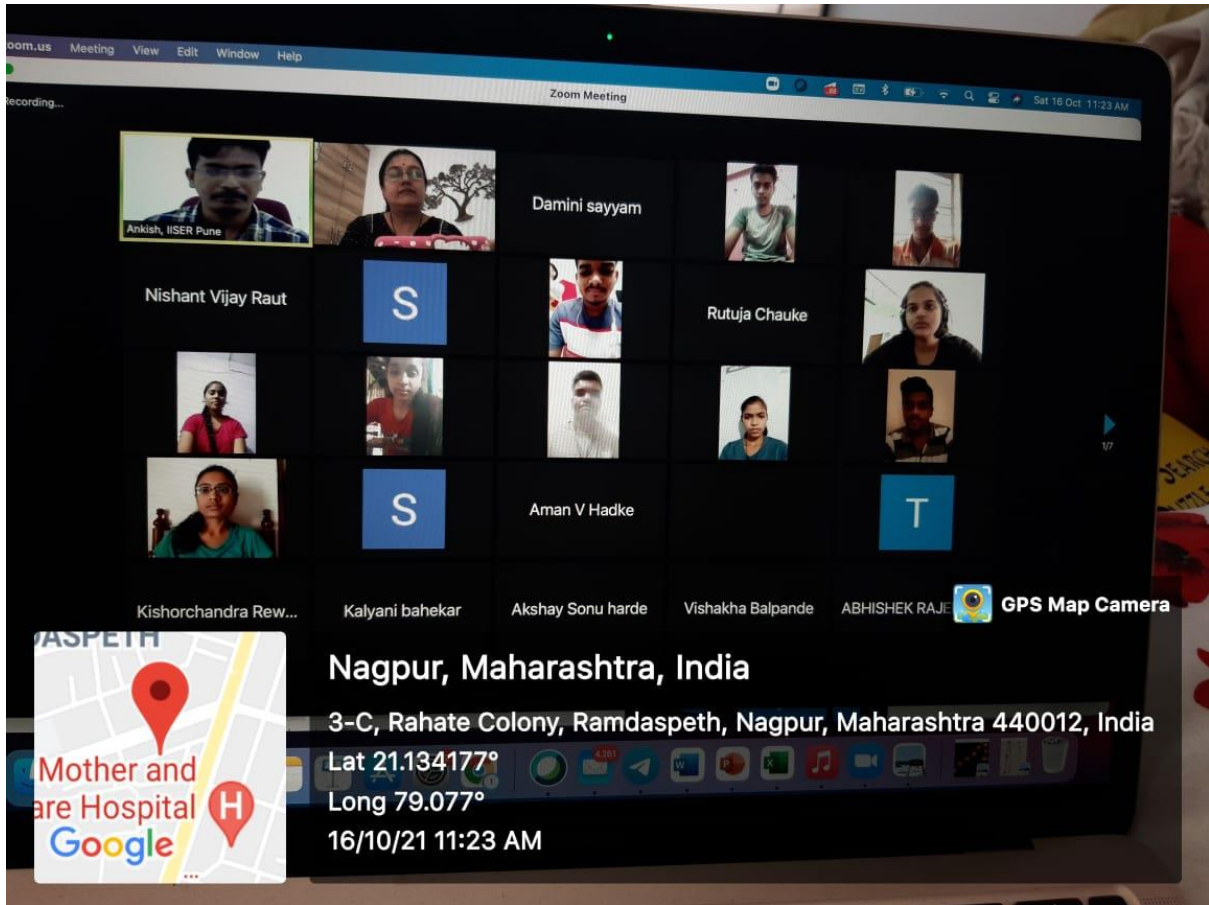
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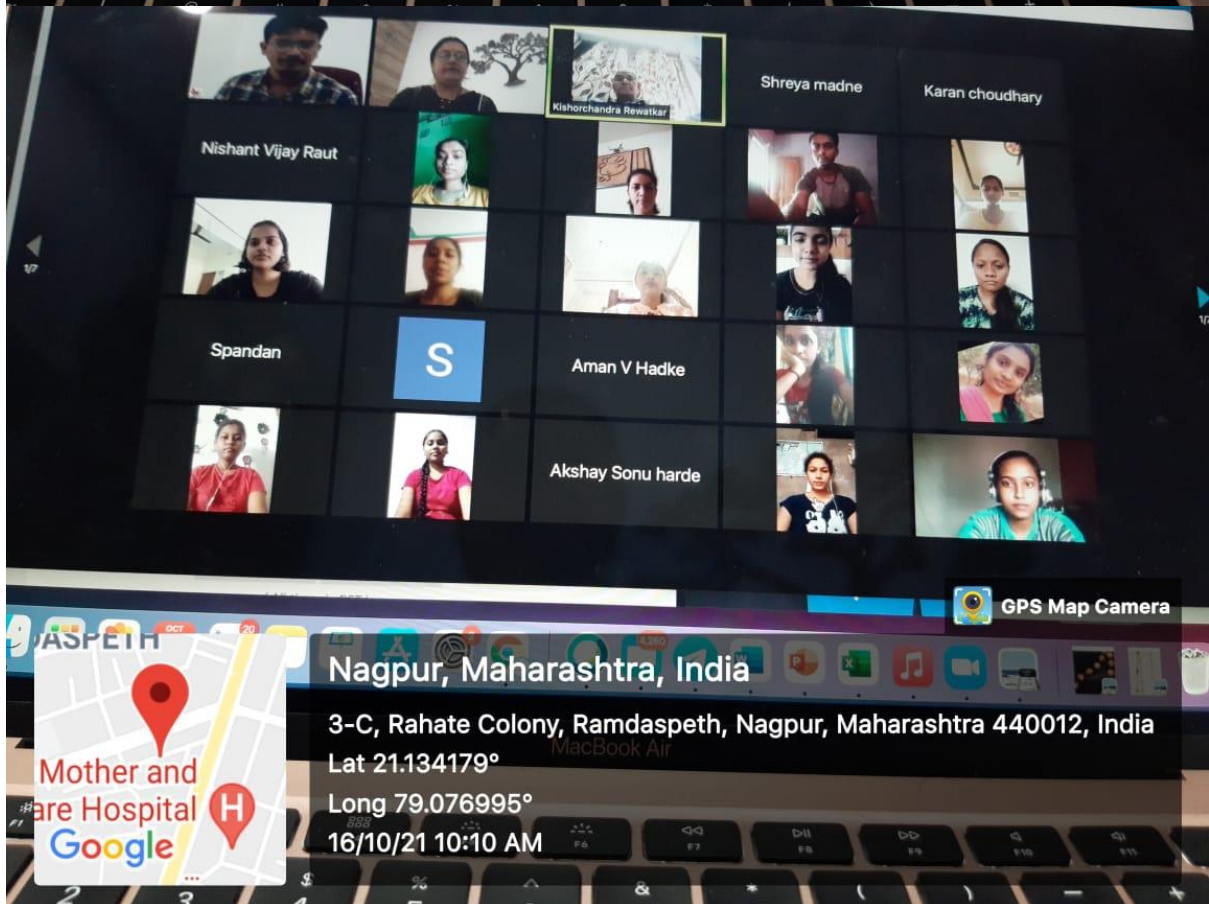
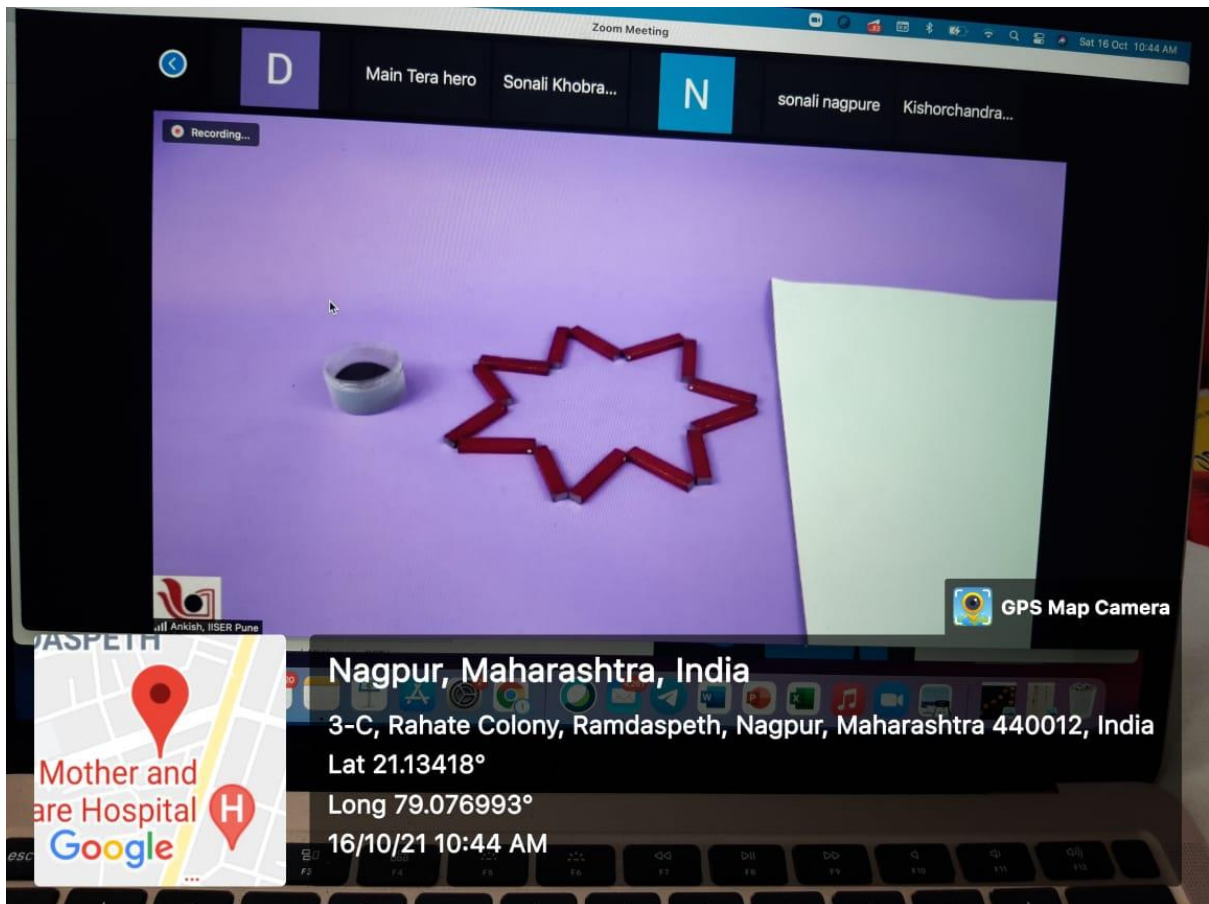


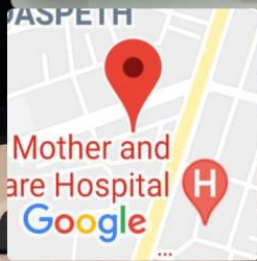
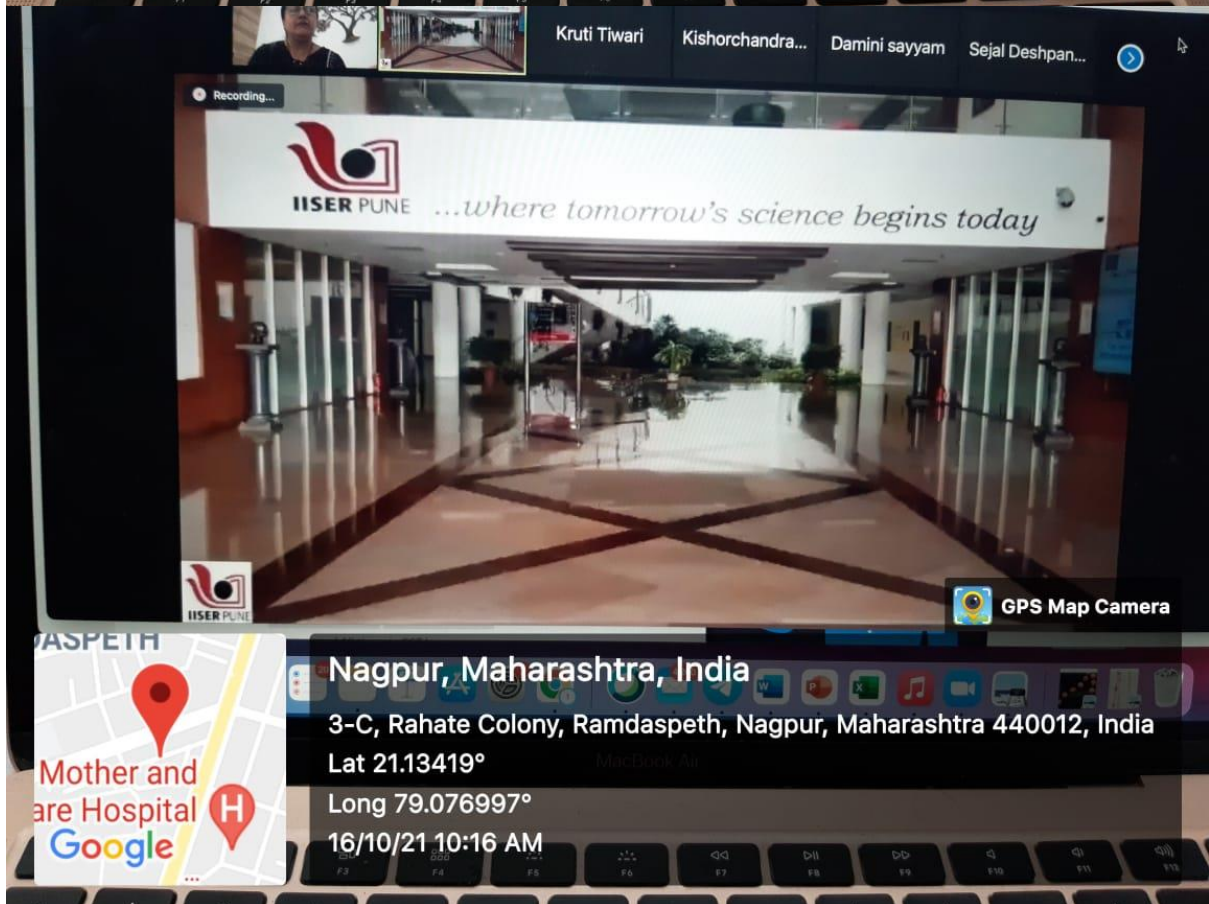
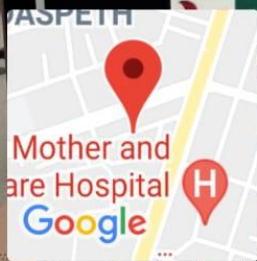
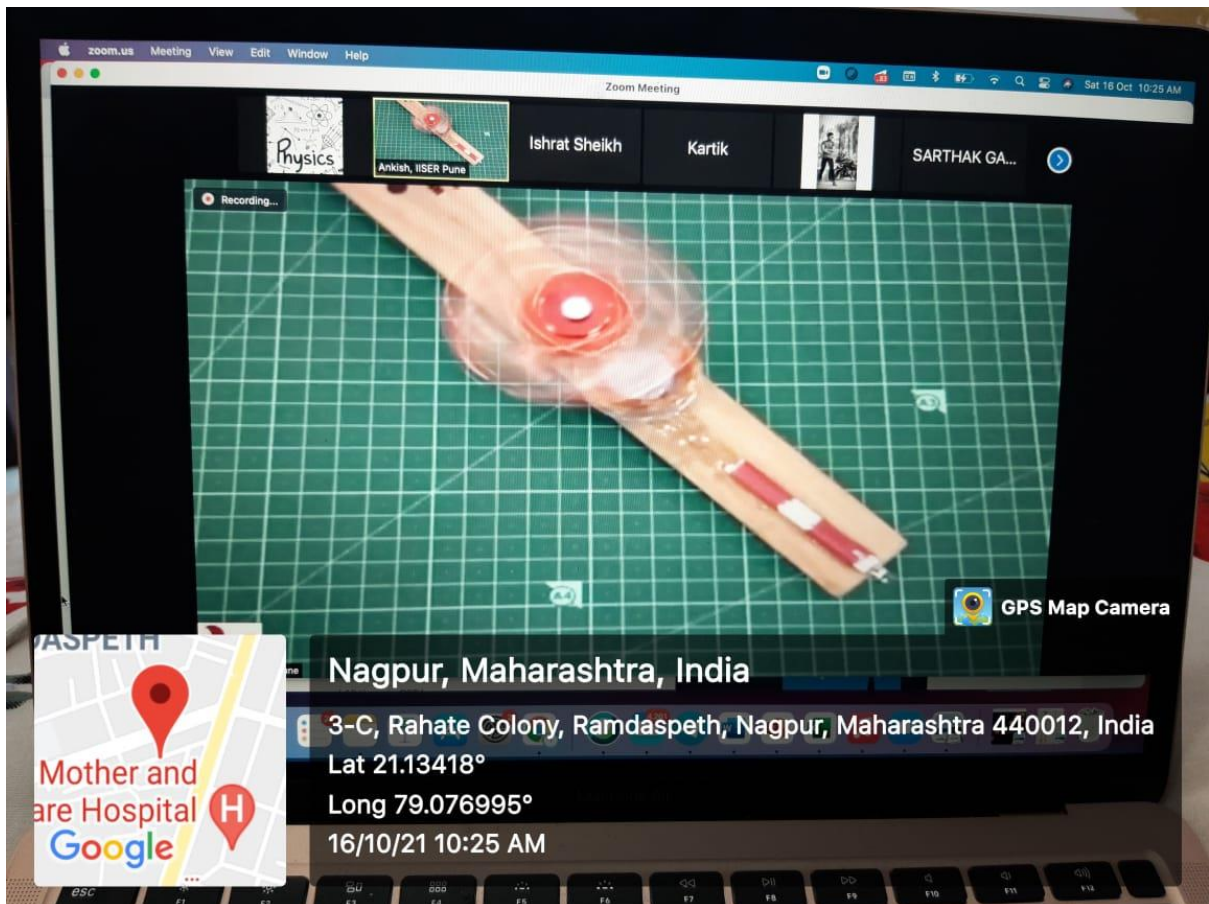
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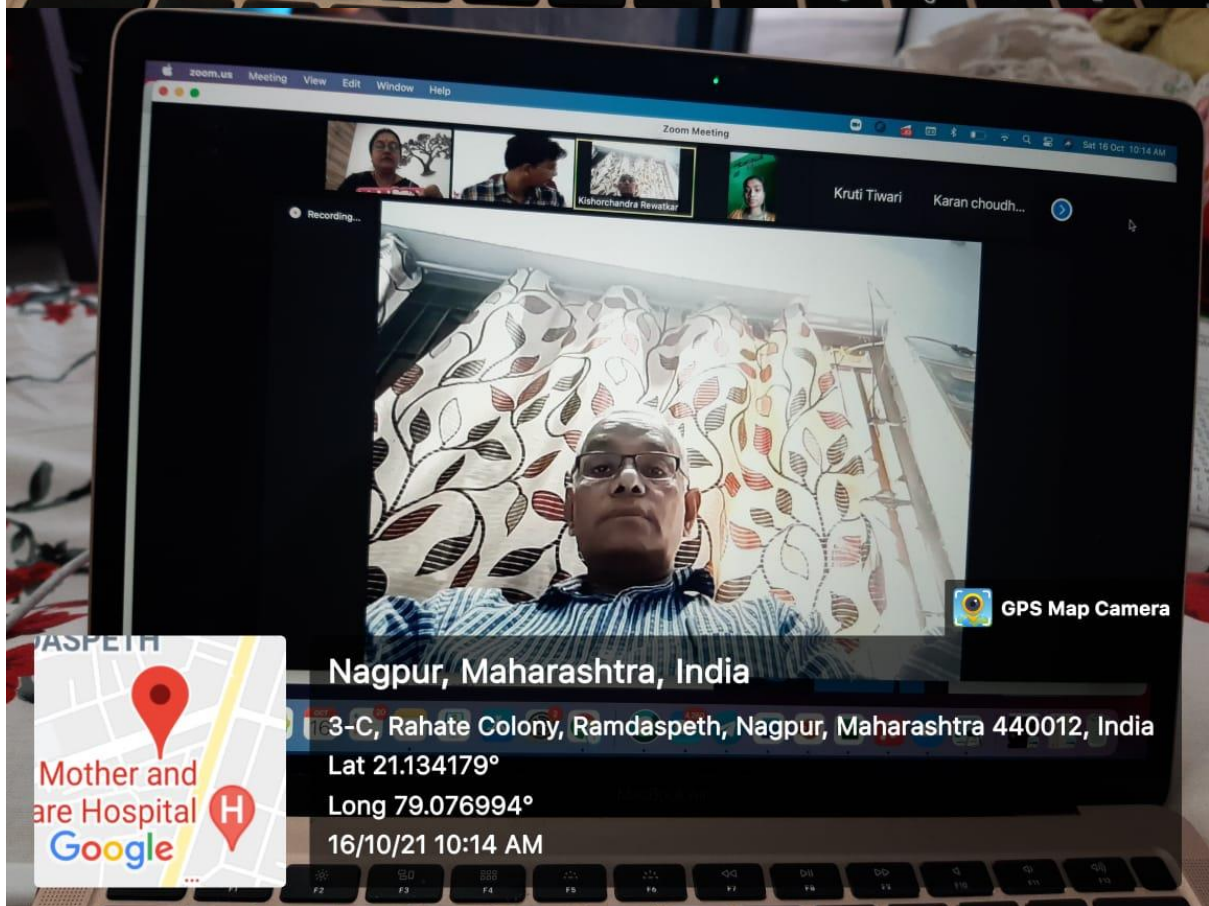
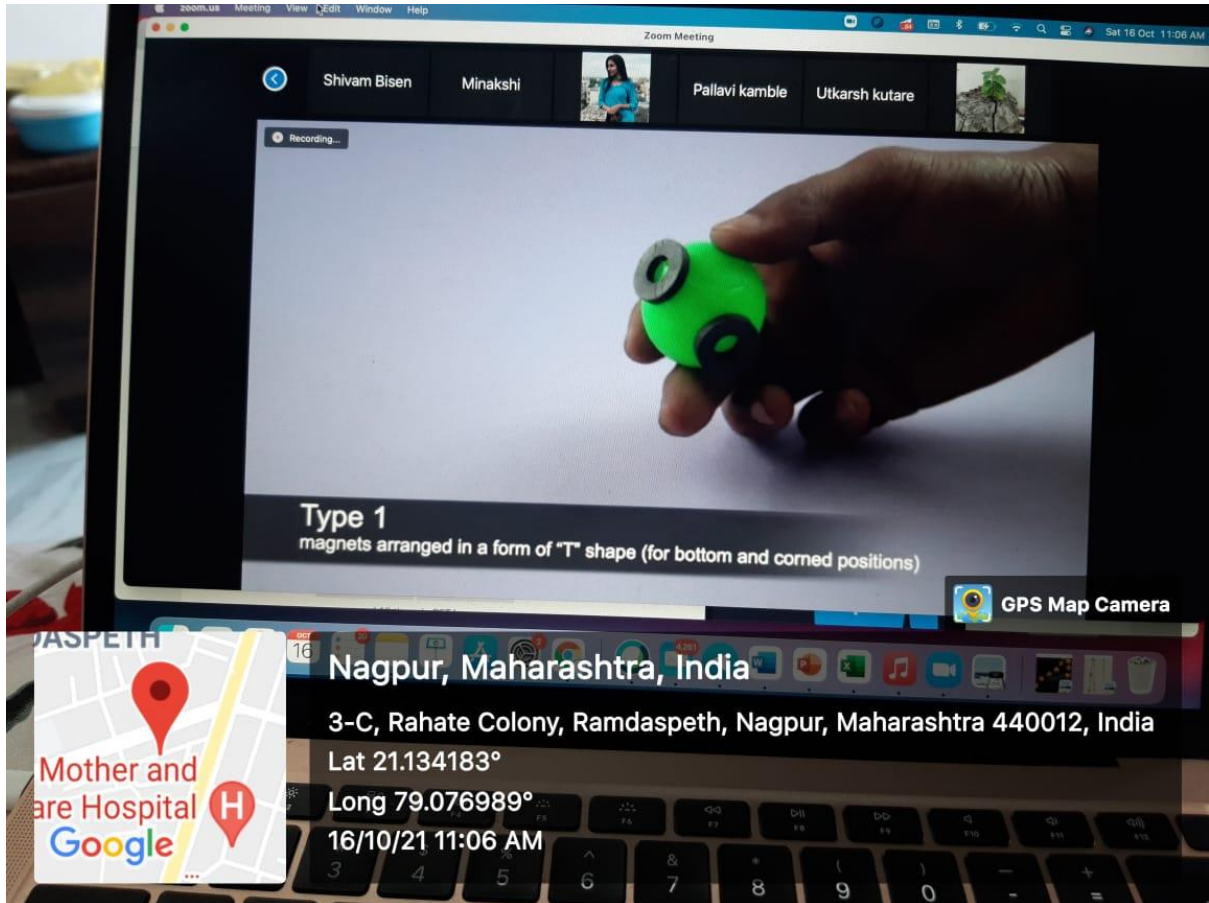
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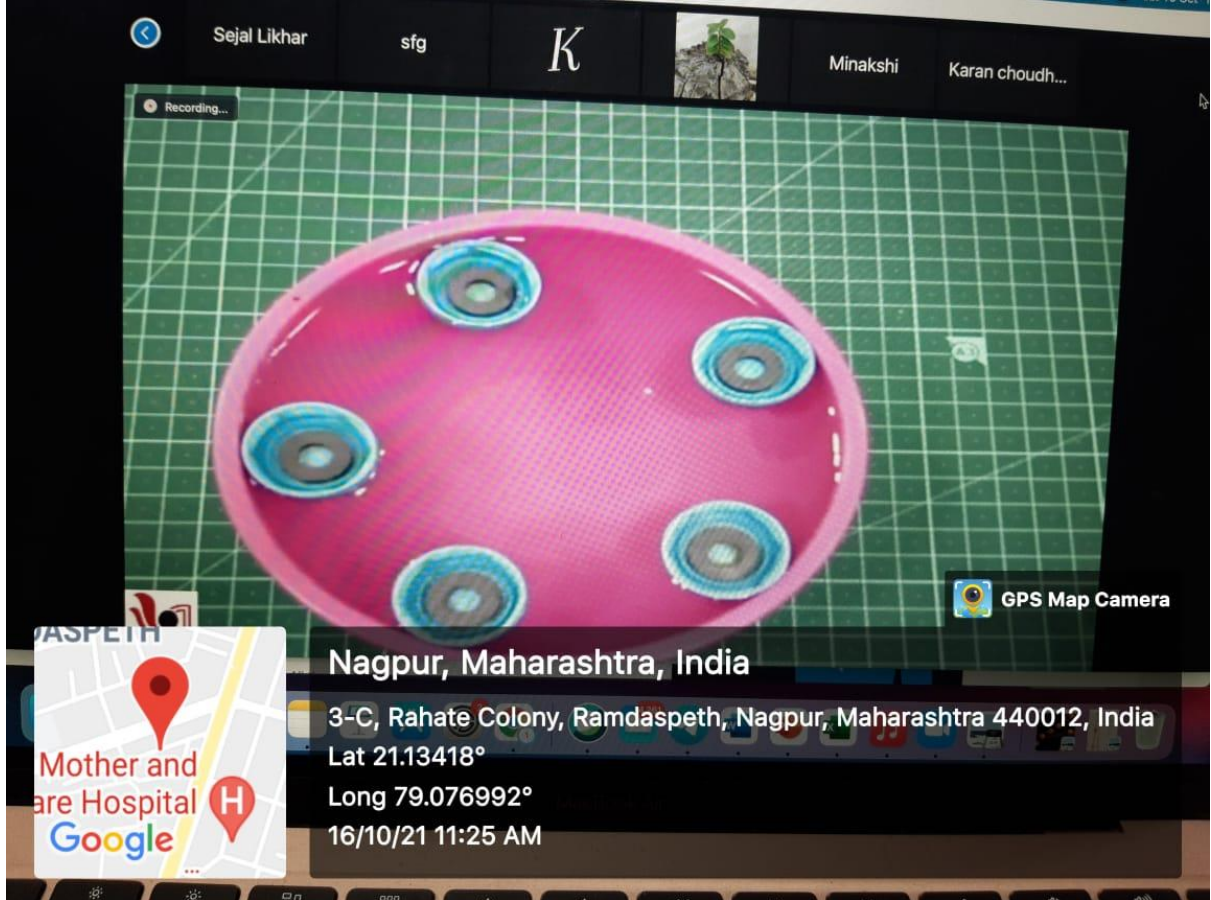
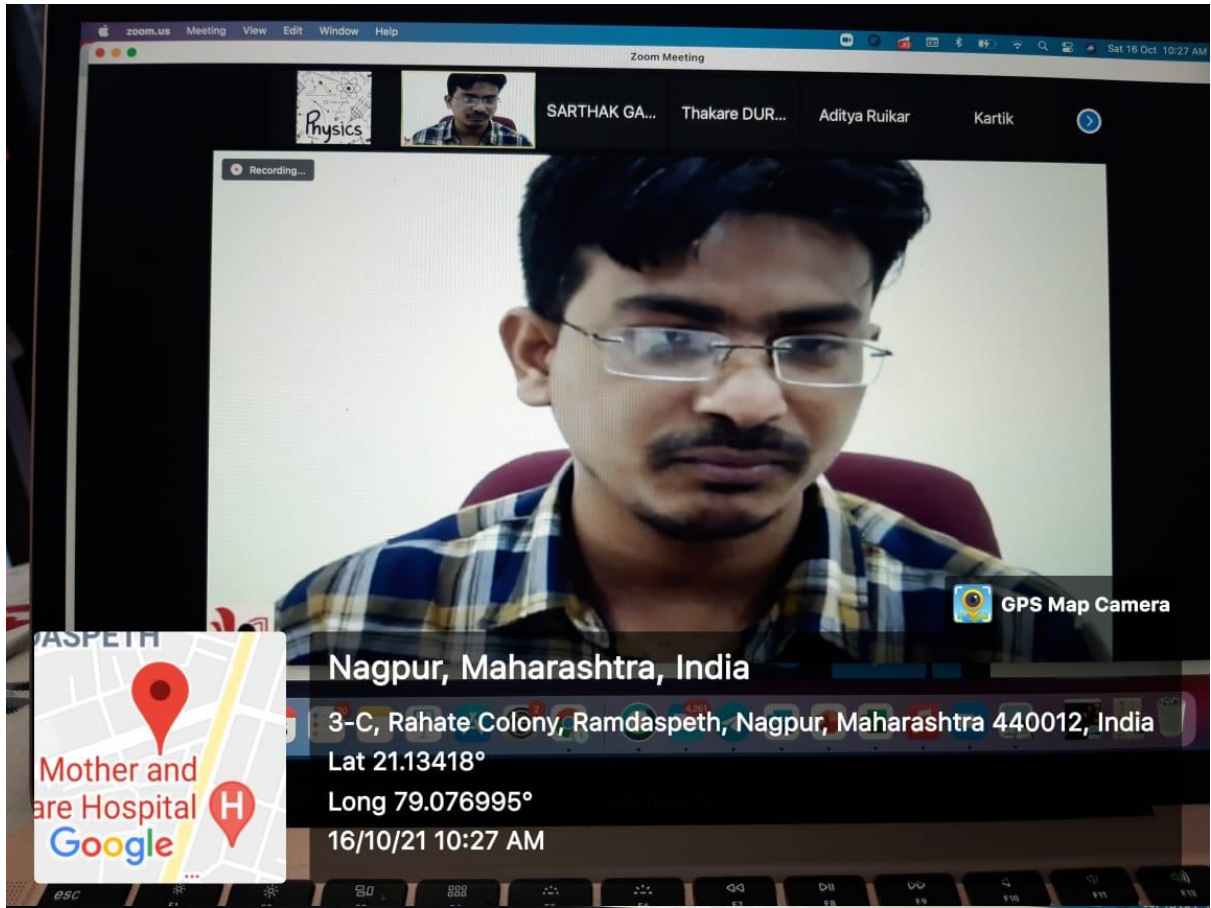
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Feedback from Students

3) Did you attend guest lecture by Mr Ankish Tirpude? 53 responses

Yes/No 94.3%

Yes 50

No 3

4) Which you like the lecture and why? 53 responses

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Yes I liked the lecture it was amazing I liked it because it build up my interest towards physics

Because of best practical examples

It was very interesting and and he taught us how to go out of syllabus books and study, have fun with experiments

Yes

Yes. It was very interesting that physics derivation and definition he explained very easily by easily available models.

All experiment are very interesting first first experiment is very interesting is name is fidget Faraday and he said about the internship also and research centre is very beautiful and teaching skill is very beautiful . Because I like so much this lecture.

I like the lecture bze it was very interested and we get to learn about certain things

Nice to interact with sir.

Sir told how to explore in physics how we can go beyond the physics taughted in books there is a lot more outside the book

Yes I liked the lecture because it was very informative.

It was a conceptual and practical lecture

I liked the lectures because of the various activities shown.

I liked the simplest practically approach to learn things

I like the things sir tells us for easy learning

Practical knowledge very important that why like that and our daily life physics is used.

It was interactive

Interesting

It was practical demonstration of concepts of physics

Yes, it's amazing and ful of knowledge

Sir, teaches with very informative and innovative ideas

It was practical and was easy to understand.

No I don't like lecture I like a way that he created to learn physics it's not lecture it true conversation that every learning mind needs

This lecture is very important and interesting to watch

He is very Friendly And His Presentation is Also Good

The experiment of bar magnets were fabulous I liked it because the way of demonstration was much good .

Because sir is good ideas for physics activities.

Yes ,I do liked the lecture because he showed us how we can learn such topics by applying it on our day to day life

I liked it because the way he tells about the things that he told nobody's other can

It was very interacting and fascinating

All

Sir's explain is more better.

Both lectures were pretty interesting One with social message And one with fun with science

Yes ofcourse, it was interesting and joyful. I liked the lecture because of his amazing unique ideas of performing practicals which makes the physics more easy and interesting.

The explanation of magnets this thing I would like the most.

Yes I like guest lecture because it is the part of physics which very useful for myself and such a knowledge we seen in their experments

Expanding knowledge

The frisby attached experiment and the concave and convex lens experiments....it was just amaze and so helpful to understand...Thankyou for the lecture

Develops interest in physics

Lecture was very good and helpful

Presentation was best

The second one because the idea was good.

Yes,it was interesting

Great learning

Yes .. guest lecture gives us a better opportunity to learn about an explicit topic.

Way of teaching and explanation

-

Yes

Yes I like it because it was very informative and interactive.

I didn't watch the lecture..

I didn't attend the lecture

5) Which other topics you would like the guest lectures to be organised on in Physics?53

responses

Thermodynamics

Thermodynamics

Astrophysics

Magnetism

Some terrific are example

Guest's lecture on Archimedes principal and fluids topic should be organised

Quantum physics

Fidget Faraday experiment

Time varying fields and A.C circuits

Easy ways to understand numericals and derivations

Quantum physics mechanism and black hole predictions

Electromagnetic

I'd like to see lectures on astrophysics and quantum physics.

About the lighting energy

Physics use in daily life

Recent researches going on in Physics

Basic Concepts

Any topic

Polarisation of light and electromagnetic wave

Electromagnetism
Gravitation should be organised honestly telling my view
Basic concepts of physics
Elasticity
Another lecture for physics must be on physics in day to day life and also interview of profound physics lecturers
Electric current
On chemistry subject
I will attend any lecture of him because i know that whatever he tells will be just awesome!
Physics an environment
Nanotechnology
Daily use in physics
Robotics /programming well I had Cs till 12 but with high cutt off I only made it to PEM ..but I'm very interested in coding
Physics PG Course or PhD in physics
It talking about some important thing and some experimental data
Practical made at home
More topics related to mechanics
Fusion power generation
Many more
Lectures on basics of quantum physics.
Some special/memorable events of well-known physicist's in their day to day life (related to physics)
Yes,physics related any topic
Space
Guest lecture on astronomy
.
Shapes of magnet
Any topic would be appreciated
Anything
I didn't attended the lecture, so i dont have any idea .
I didn't attend the lecture

6) What did you learn from the lecture?^{53 responses}

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.
We can also make that experiment
Knowledge.. How to physics work
Science is not just in books it's everywhere
To ask questions to yourself to find the answer & how creativity can done with simplicity.
Be creative
We get to learn
Things which we can make easy to learn.