

# DEPARTMENT OF MATHEMATICS

## Alumni talk (10<sup>th</sup> January 2023) 3pm – 4pm

The Department of Mathematics, JUIT, and JUIT Alumni Cell jointly organized an alumni talk on "Advantages of Numerical Computation" in online mode on 10<sup>th</sup> January 2023, 3-4 pm.

The talk was delivered by Department of Mathematics JUIT first alumna Prof. Dr. Rajesh Kumar Gupta, HoD Mathematics, Department of Mathematics, Central University of Haryana. In this talk advantages of the numerical computations were discussed by the speaker.

Department of Mathematics HoD Prof. Dr. Rakesh Kumar Bajaj, Prof. Dr. Karanjeet Singh, JUIT Alumni cell in-charge Dr. Saurabh Bansal, Dean Academics Prof. Dr. Ashok Kumar Gupta, Vice chancellor Prof. Dr. R. K. Sharma, shared their valuable thoughts in the event. The event was coordinated by Dr. Pradeep Kumar Pandey, Department of Mathematics, JUIT. Various alumni of the department had also joined the event in the online mode. Various faculty of the university and HoDs also joined the event.

*Saurabh Bansal*  
10/01/2023

JUIT Alumni Cell in-charge

Dr. Saurabh Bansal

*Pradeep Kumar Pandey*  
10/01/2023

Coordinator

Dr. Pradeep Kumar Pandey

*Rakesh Kumar Bajaj*  
10/01/2023

Prof. (Dr.) Rakesh Kumar Bajaj  
HoD, Department of Mathematics  
JUIT, Wagnaghat

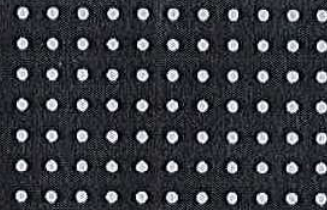


(Screenshots are attached)





# online WEBINAR



## "Advantages of Numerical Computation"

Speaker: Prof. Rajesh Kumar  
Gupta, HoD Mathematics,  
Department of Mathematics,  
Central University of Haryana



Organized by Department of  
Mathematics JUIT, and JUIT Alumni  
Cell.

Coordinator : Dr. Pradeep Kumar Pandey

### Save The Date



10 January 2023  
3:00 - 4:00 pm

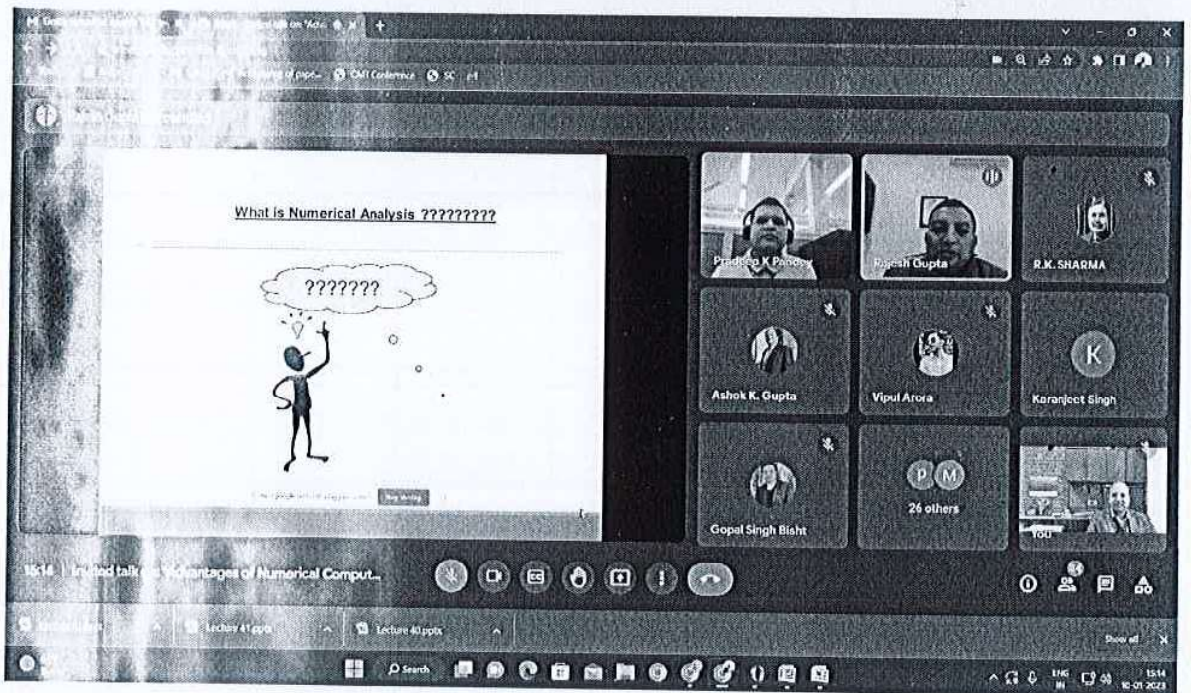
Mode : Online



SCAN ME







IQAC  
UNIVERSITY OF INFORMATION TECHNOLOGY  
JALANDEH


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Department of Physics and Materials Science  
Alumni talk (31<sup>st</sup> January 2023) 3:00 – 4:00 pm

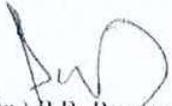
The Department of Physics and Materials Science (PMS), JUIT, and JUIT Alumni Cell jointly organized an alumni talk on “Importance of research in academics” in online mode on 31<sup>st</sup> January, 2023, 3-4 pm.

The talk was delivered by an alumnus of Department of PMS, Prof. Dr. Ambika Devi, who is currently Professor and Head, Department of Physics, Amity School of Applied Sciences, Amity University, Haryana. In this talk, Dr Ambika motivated the audience by highlighting how research strengthens an academic institution.

HoD, PMS, Prof. P.B. Barman, PMS faculty members and others JUIT faculty and staff members joined the event. This event was coordinated by Dr. Surajit Kumar Hazra, Department of PMS, JUIT.

  
JUIT Alumni Cell-in-charge  
Dr. Saurabh Bansal

  
Coordinator  
Dr. Surajit Kumar Hazra

  
Prof. (Dr.) P.B. Barman  
HoD, Department of PMS,  
JUIT, Wagnaghat.





**WEBINAR**

**IMPORTANCE OF RESEARCH IN ACADEMICS**

**Date** 31st January  
**Time** 3:00 PM

**Speaker**  
**Dr. Ambika Devi**  
Professor in Physics  
Program: PhD  
Batch: 2010 (Department of Physics and Materials Science, JUIT, Wanknaghat)

**Google Meet Link:**  
<https://meet.google.com/xrz-bhqz-ofu>

Ambika Sharma is presenting

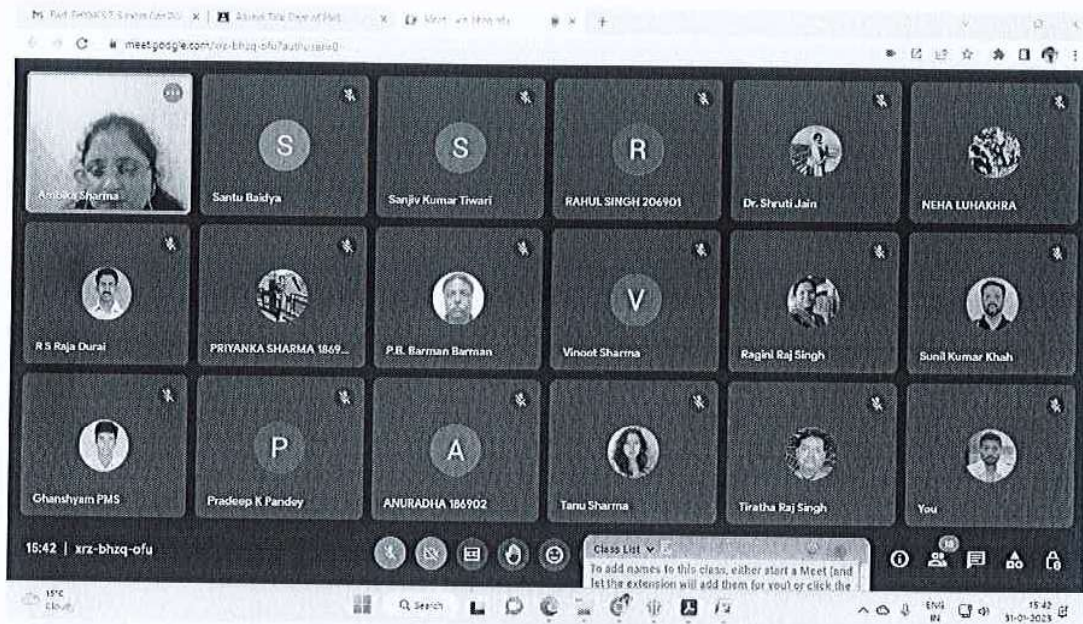
**Global revenue of Apple from 2004 to 2022**  
(in billion U.S. dollars)

Year	Revenue (in billion U.S. dollars)
2004	1.1
2005	1.5
2006	18.1
2007	24.6
2008	37.5
2009	42.9
2010	61.8
2011	88.2
2012	116.1
2013	139.9
2014	176.6
2015	215.7
2016	215.4
2017	229.2
2018	261.6
2019	260.1
2020	275.5
2021	304.3
2022	304.3

15:34 | xrz-bhqz-ofu

Class List  
To add names to this class, either start a Meet (and let the extension add them for you) or click the...





Total participants=18



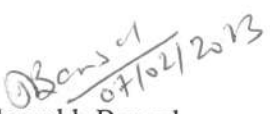
**DEPARTMENT OF BIOTECHNOLOGY & BIOINFORMATICS**


**ALUMNI TALK (06 Feb, 2023, 10:00 AM)**

The JUIT Alumni Cell and the Department of Biotechnology and Bioinformatics jointly organized an alumni webinar by **Dr. Prakhar Srivastava** on “**Quorum sensing mechanism in enhancing the antibiotic resistance pattern of *Pseudomonas aeruginosa***” in online mode on **6<sup>th</sup> Feb 2023, 10:00 AM**.

Dr. Prakhar Srivastava is an alumnus of batch 2013. He completed his B.Tech. in Biotechnology in 2013 from the Department of Biotechnology & Bioinformatics. He then completed his postgraduate from SRM Institute of Science and Technology Chennai (2016), followed by a PhD from Vellore Institute of Technology (2021). He is currently a postdoctoral research fellow at Pusan National University (South Korea). The antibiotic resistance pattern in *P. aeruginosa* and its mechanism and limitations in drug efficacy have been discussed during his talk.

The Department of BT & BI Head, Prof. Sudhir Kumar, JUIT Alumni Cell In-Charge Dr. Saurabh Bansal and Dr. Rahul Shrivastava, shared their valuable thoughts during the event. The event was coordinated by Dr. Saurabh Bansal, Associate Professor, Department of BT & BI, JUIT. About 50 participants, including faculty members, current students, and a few alumni, attended the event.

  
Dr. Saurabh Bansal  
Event Coordinator &  
JUIT Alumni Cell In-Charge

  
Prof. Sudhir Kumar  
Head, Deptt. BT & BI  
JUIT, Wagnaghat



# JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislature vide Act No. 14 of 2002)



**WEBINAR**

On  
*Quorum sensing mechanism in enhancing the antibiotic resistance pattern of Pseudomonas aeruginosa*

At CR3, JUIT Waknaghat

Google Meet Video call link:  
<https://meet.google.com/hih-zbuf-hhz>

Organized by:  
Deptt. of Biotechnology & Bioinformatics,  
&  
JUIT Alumni Cell

**Feb 6th 2023**  
**At 10:00 am**

**Dr. Prakhar Srivastava**  
Alumni BT, 2013  
Post-doc, Pusan National University, South Korea

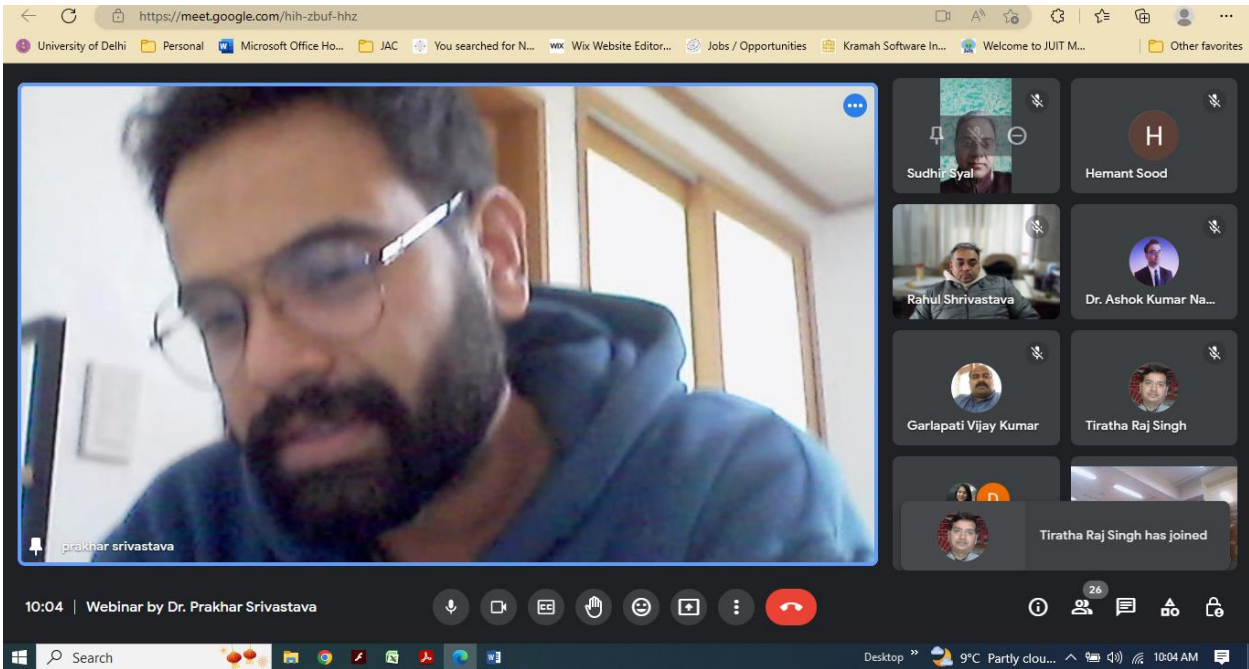
Coordinated by:  
**Dr. Saurabh Bansal**



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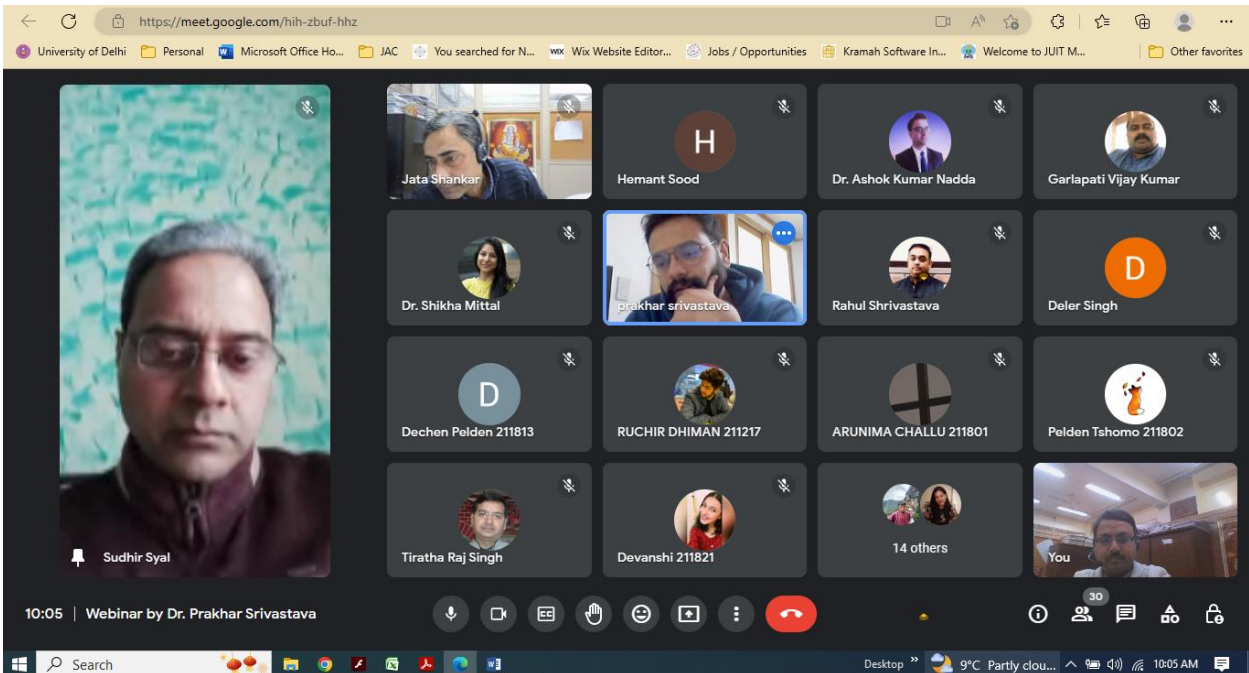
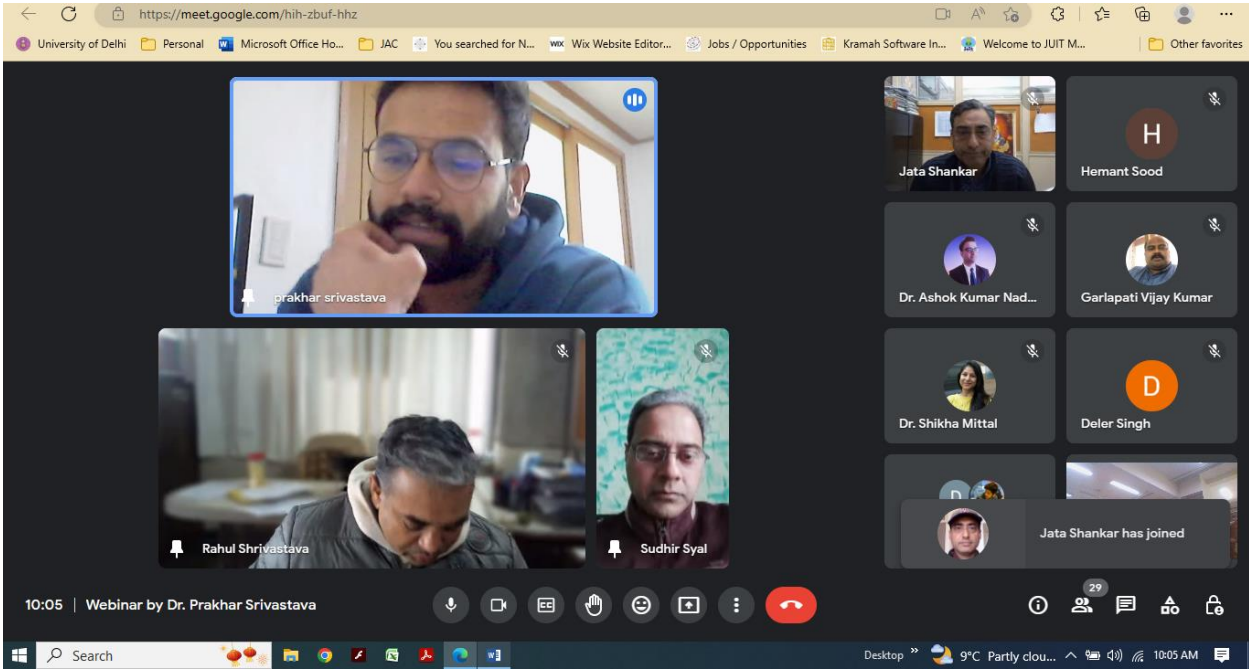
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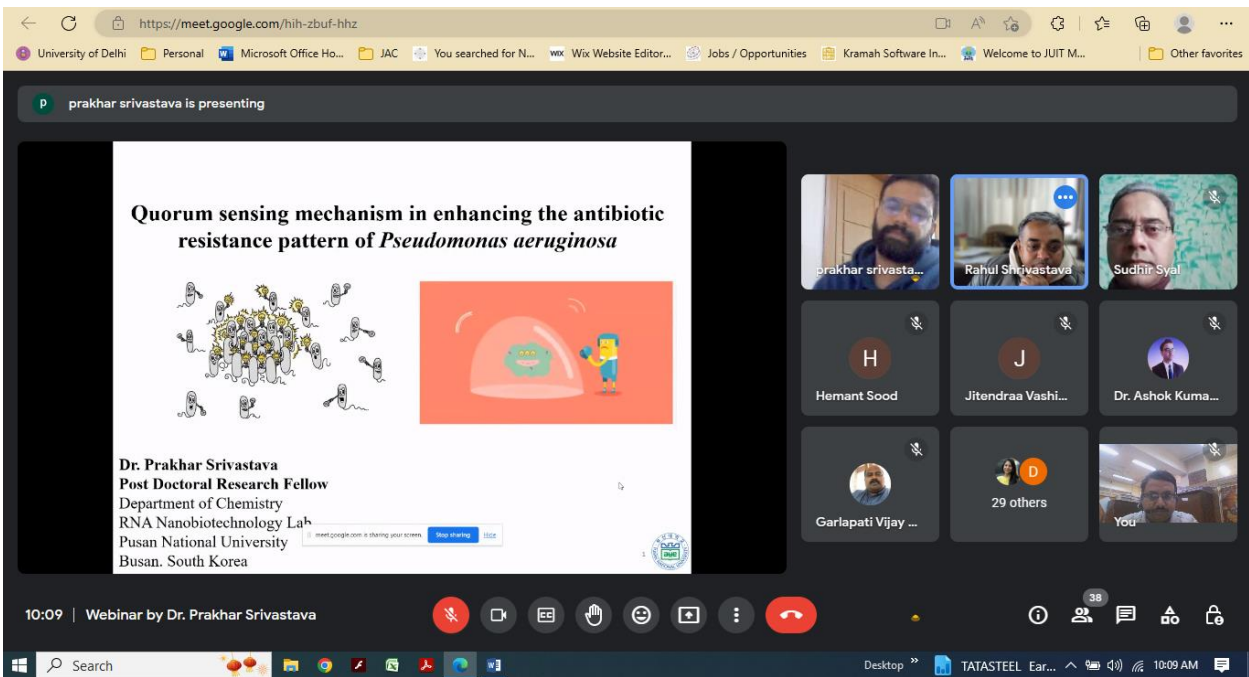
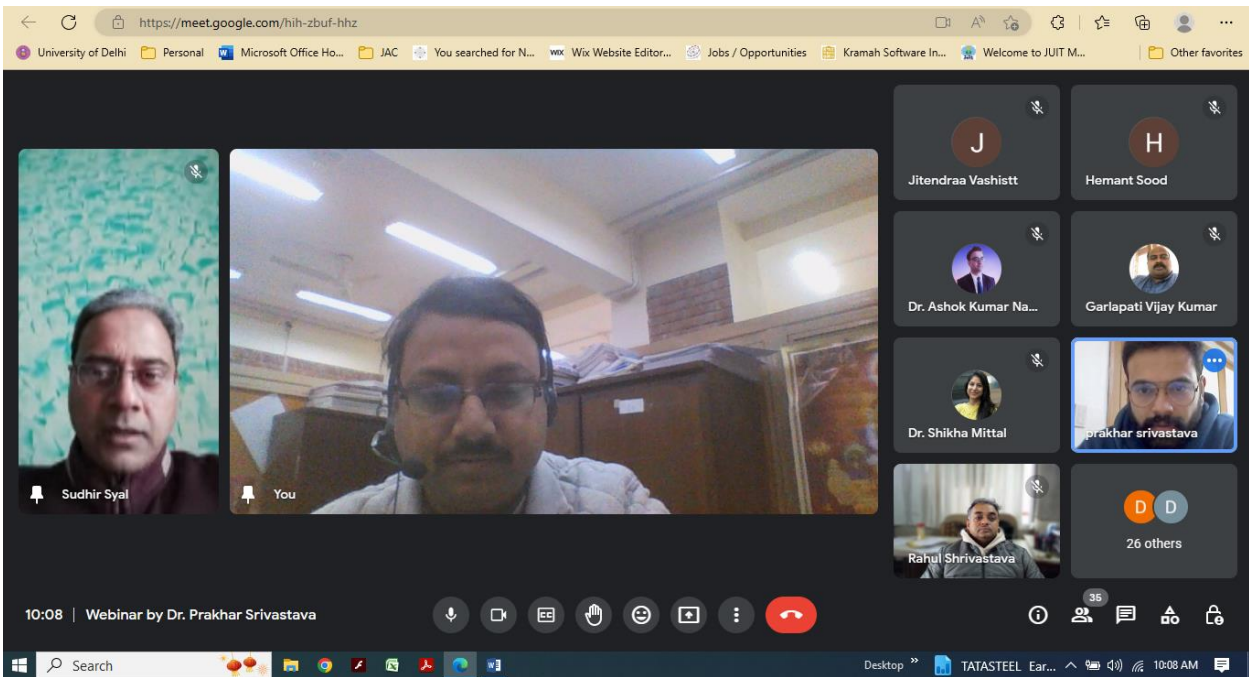
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The screenshot shows a Google Meet interface during a webinar. The main window displays a slide titled "Antibiotic resistance mechanism" with a small diagram of a bacterium. Below the slide is a video feed of the presenter, prakhar srivastava. To the right, a grid of participant thumbnails is visible, including Dr. Shikha Mittal, Rahul Shrivastava, Sudhir Syal, Hemant Sood, Jitendraa Vashi..., Dr. Ashok Kuma..., Garlapati Vijay ..., and 28 others. The bottom of the screen shows the Windows taskbar with the time 10:10 AM and system tray icons.

The screenshot shows a Google Meet interface during a webinar. The main window displays a slide titled "Pseudomonas aeruginosa (continued..)" with the subtitle "(Gram negative, aerobic and facultative anaerobic)". The slide features a detailed diagram of the bacterium, highlighting its outer membrane proteins (OMP), flagella, Type 3 secretion system (T3SS), Type IV pili, and various secreted compounds like Elastase A, Gelatinase, Siderophore, Rhamnolipids, and Alginate-associated matrix/rheotaxis (AAR). Below the diagram are smaller images of the bacterium and a "Share screen" button. To the right, a grid of participant thumbnails is visible, including prakhar srivastava, Rahul Shrivastava, Sudhir Syal, Jitendraa Vashi..., Dr. Ashok Kuma..., Hemant Sood, Gaurav Maddhe..., and 34 others. The bottom of the screen shows the Windows taskbar with the time 10:28 AM and system tray icons.



