

Atharva Institute of Management Studies

Activity / Event report

Name of event	: FACULTY SPEAKS, Episode 5
Date(s) of conduction	: 18 August 2021
No. of participants	: 17
Student coordinator/ committee	: Sneha Kamalpuria (MMS)
Resource person	: Dr. Shubhi Lall Agarwal
Designation	: Director, IQAC, AIMS
Contact no.	: 9320844664
Email ID	: shubhi.lall@atharvaims.edu.in

A handwritten signature in green ink, appearing to read 'Shubhi', is written over a light blue horizontal line.

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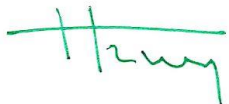
DESCRIPTION

Objectives:

- To spread awareness about cloud computing, big data and its impact on environment.

Key Takeaways:

- Overview of the disasters caused due to climate change.
- Understanding why there is a sudden climate change.
- We are disturbing the nature with our actions.
- Internet is playing a huge role in adding carbon.
- This carbon is not visible.
- If a person watches a Netflix video for 30 minutes, he/she is adding 1 kg of carbon, which is known as carbon footprint of a person.
- Every data is stored in cloud, because of which, cloud requires a coolant. The coolant needs energy which is made from fossil fuels.
- Therefore, if a person is watching a video on the cloud, he/she is using up the fossil fuels.



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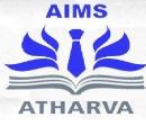
- Awareness needs to be spread by IT professionals about the emission of carbon footprint caused due to usage of internet, google searches, social media, watching online video, etc.
- WhatsApp policy for forwarding content is now changed from infinite to only five persons per share.
- Understanding what is Big Data.
- Any data that is unstructured is known as Big Data.
- Microsoft is putting their servers in the Pacific Ocean.
- It is necessary to spread awareness among kids about their mobile usage which causes increase in carbon footprint as well as leads to health issue.
- Even online meetings are causing carbon footprints but covid situation have made everything online and the situation is very difficult.
- Checking a shared file is emitting less carbon than sending emails individually.
- We need to have green servers.
- There are 10 to 12 algorithms running in the background to provide us the result of our google search.
- Understanding the meaning of carbon credit.
- One credit = One metric ton of carbon dioxide prohibited.
- Google and Microsoft are working and putting major contributions towards carbon reduction and sustainability.
- Points looked up by google before selecting a project aimed towards sustainable development:

- Additionality (the project should not be common; it should be an exclusive project).
- Leakage prevention.
- Permanency (the project should not be temporary; it should be permanently reducing carbon from the environment).
- Verifiability (third party checks and approvals).
- We cannot live without internet and non-renewable resources and energy, but we can reduce their consumption and find efficient substitutes which are environment friendly.
- Methane releases a lot of carbon, therefore, major programs which are launched for these projects focus on reduction of methane more than carbon as methane is a major source of carbon.
- A study says that google is releasing 30% of carbon footprints globally.
- QUESTIONS AND ANSWERS.
- Conclusion of the session with a few words from Dr. R.G. Ratnawat, Director, AIMS.

FLYER OF THE EVENT


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ATHARVA INSTITUTE OF MANAGEMENT STUDIES

(Affiliated to Mumbai University)



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#facultyspeaks

presents

FACULTY SPEAKS



LIVE



August 18th, 2021
10 - 11 AM (IST)

EVERY WEDNESDAY



Prof. Dr Shubhi Lall Agarwal
(PhD (Computer Science), MCA, PGDCA, B.Sc., Pursuing MBA in Business Analytics)

Cloud Computing, Big Data & Its Impact on Environment



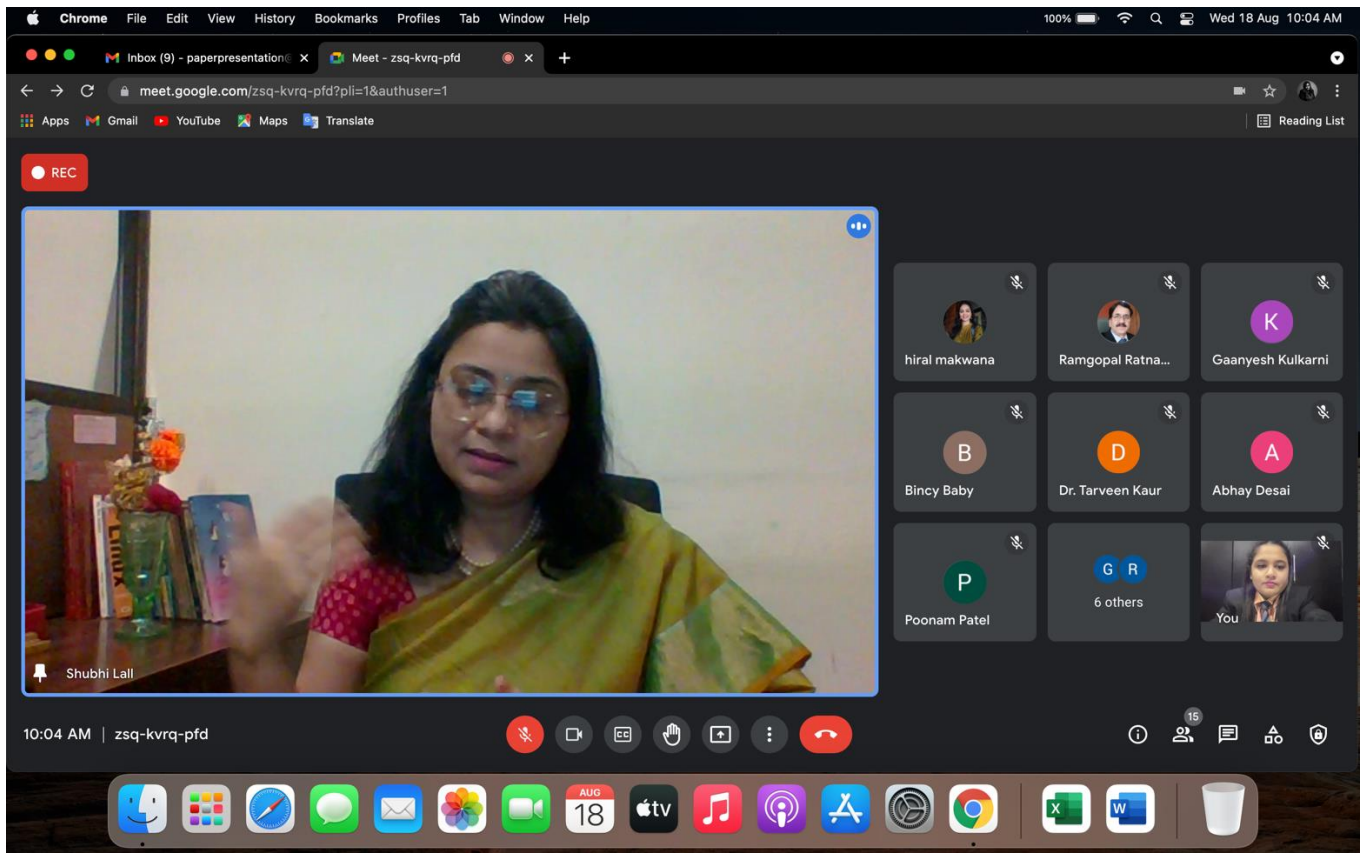
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Flyer Designed by: Piyush Chaudhary (MMS)

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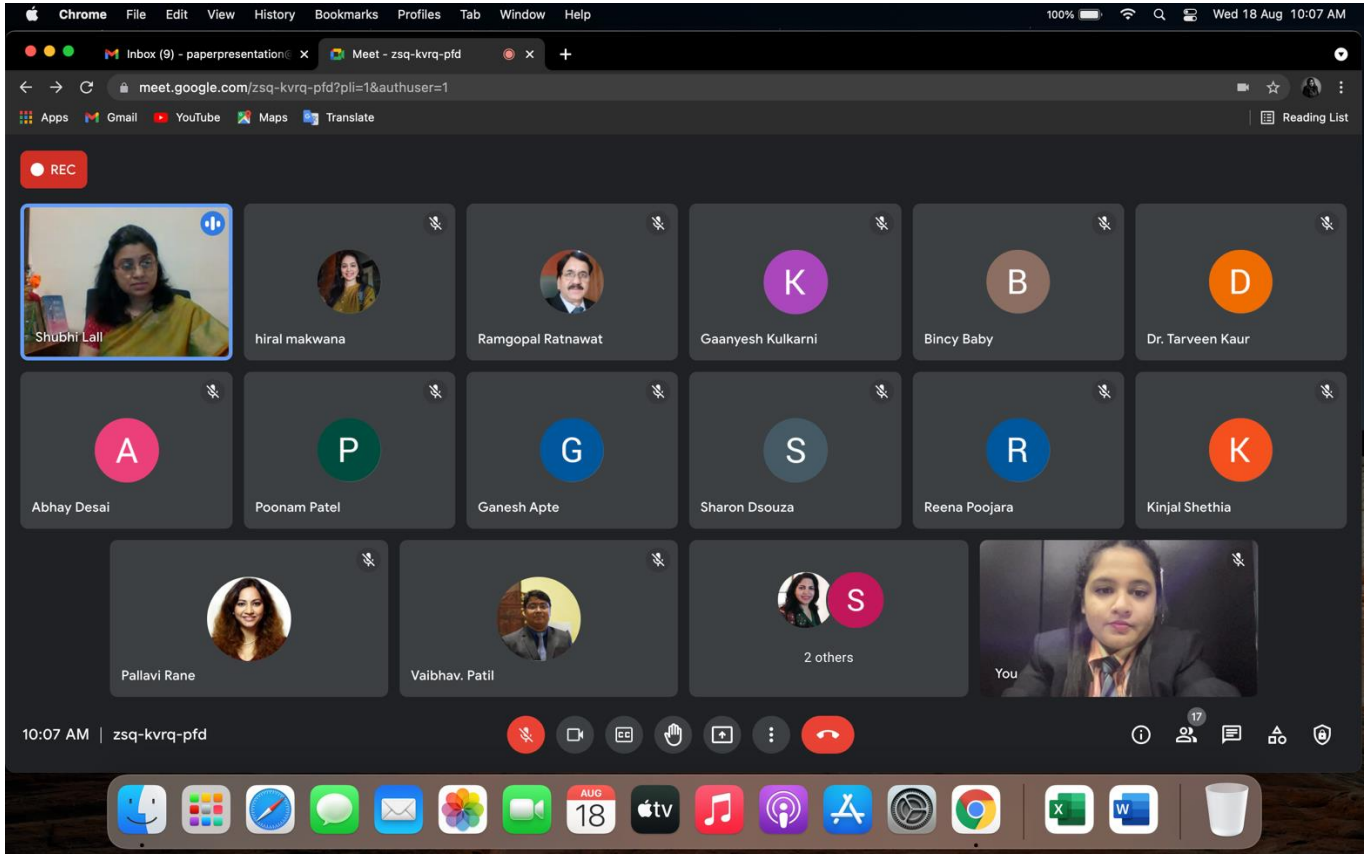


GLIMPSES




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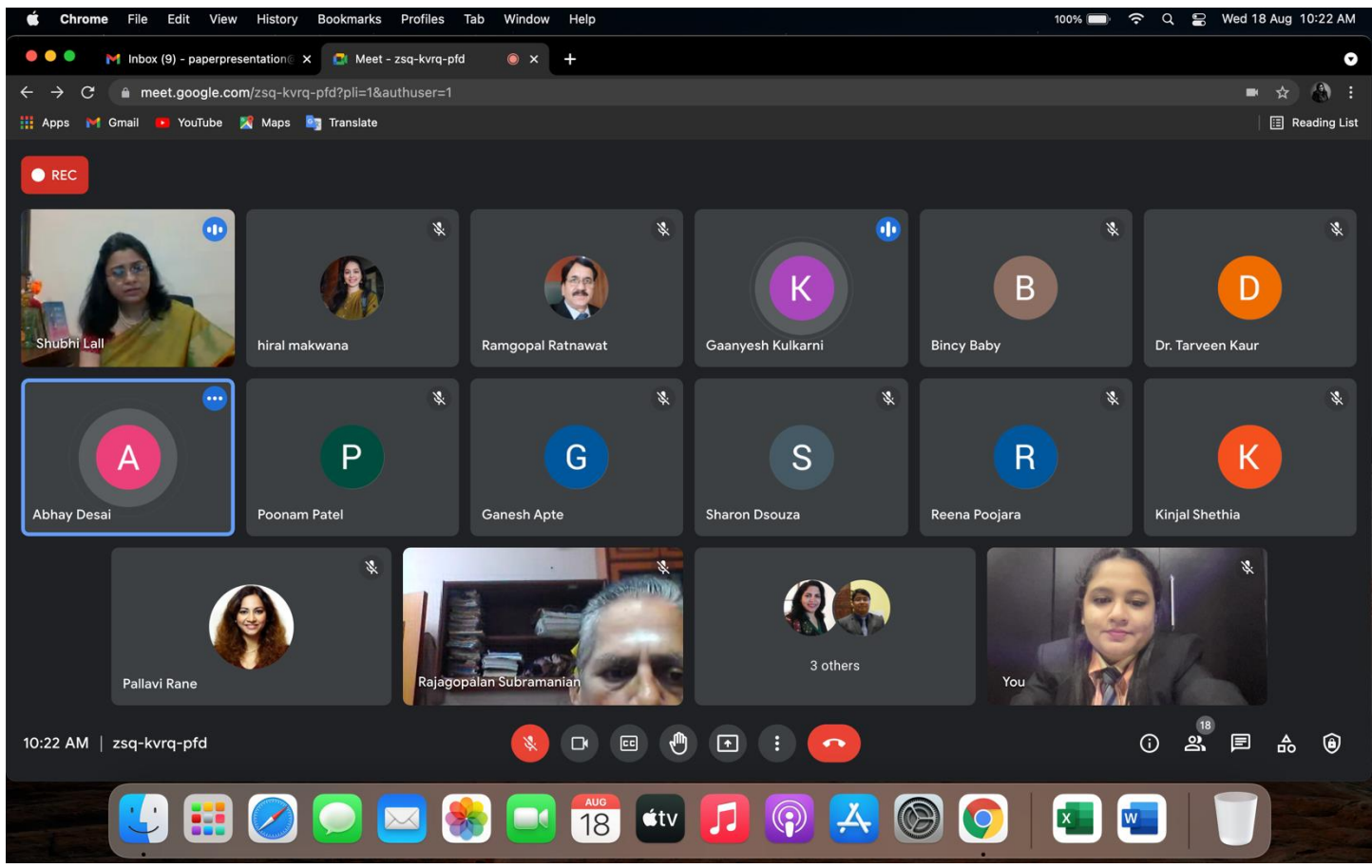

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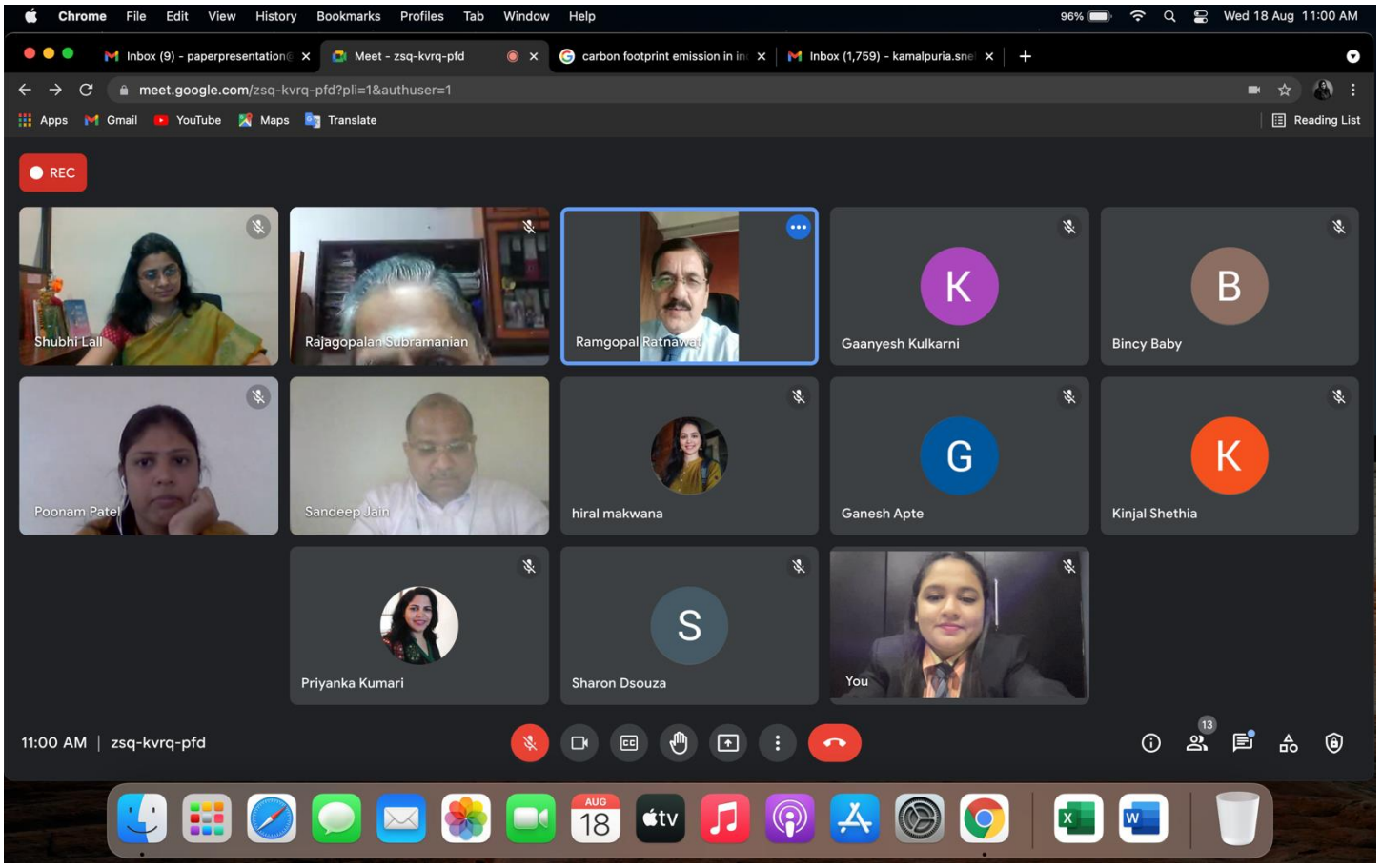

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EVENT REPORT PREPARED BY: SNEHA KAMALPURIA, STUDENT, MMS DIVISION B.

Verified by: Dr. Shubhi Lall Agarwal, Director, IQAC, AIMS.

Submitted to: Dr. R.G. Ratnawat, Director, Atharva Institute of Management Studies.

This video was recorded on the Email ID paperpresentation@atharvacoe.ac.in

Live session was initiated by Sneha Kamalpuria, MMS.


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