



**Indian Institute of Science Education and Research Bhopal  
(Under the Aegis of the EBSB, IISER Bhopal.)**

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**Date: 06-04-2021**

**Activity Report**

**Organising Committee: EBSB.**

**Duration of EBSB activities: March 2021**

**Name of the Event : Talk on Scientific Practices in Ancient India Date of the Event : 28 March 2021**

**A brief synopsis (write-up) of the event:**

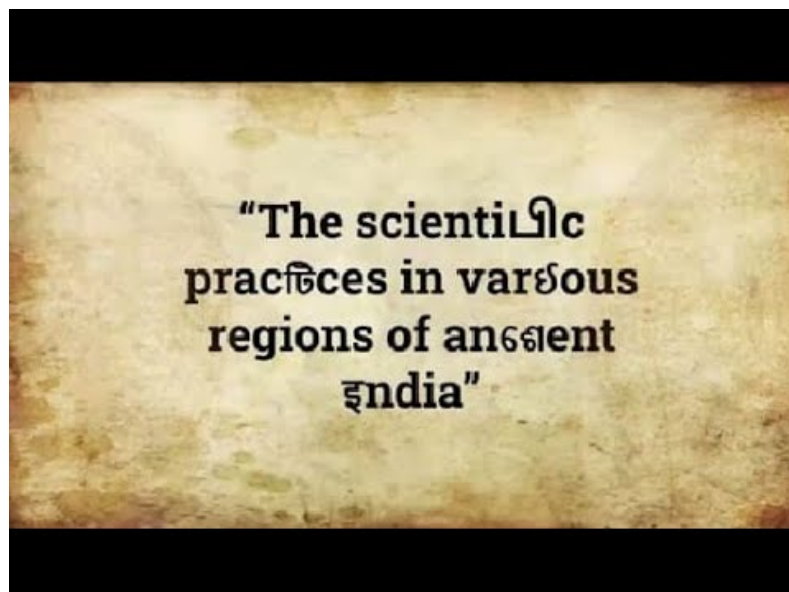
EBSB organized a talk on ‘Scientific Practices in Ancient India’ to commemorate National Science Day, held on 28 February each year. The talk was delivered by Arihant Tiwari (BS-MS 2019) and was a grand success with over 60 enthusiastic participants. The theme of the talk was galvanized by the era in which India was the country the world looked up to, and it was only because of the great minds (such as CV Raman, Aryabhata, Ramanujan, Shakuntala Devi) we had in the field of science. The talk had a 45-minute long engaging presentation covering vivid topics like ancient methods of plastic surgery, water conservation in tankas, artificial lakes etc., also explaining the magnificence of the Iron Pillar (as it is rust free from the last few centuries) and how we Indians knew some crucial mathematical, cosmological phenomenon much before the world. Subsequently, a Q&A session was held which received a pleasant response. The audience was crucial in contributing to the success of the event as they were eager and enthusiastic. Overall, the talk opened our eyes to the great inventions and discoveries made by Indians hailing from various parts of India in ancient times, which eventually played an integral role in bringing the country together. All of this motivated our avid audience to contribute in the same way to our motherland's success.

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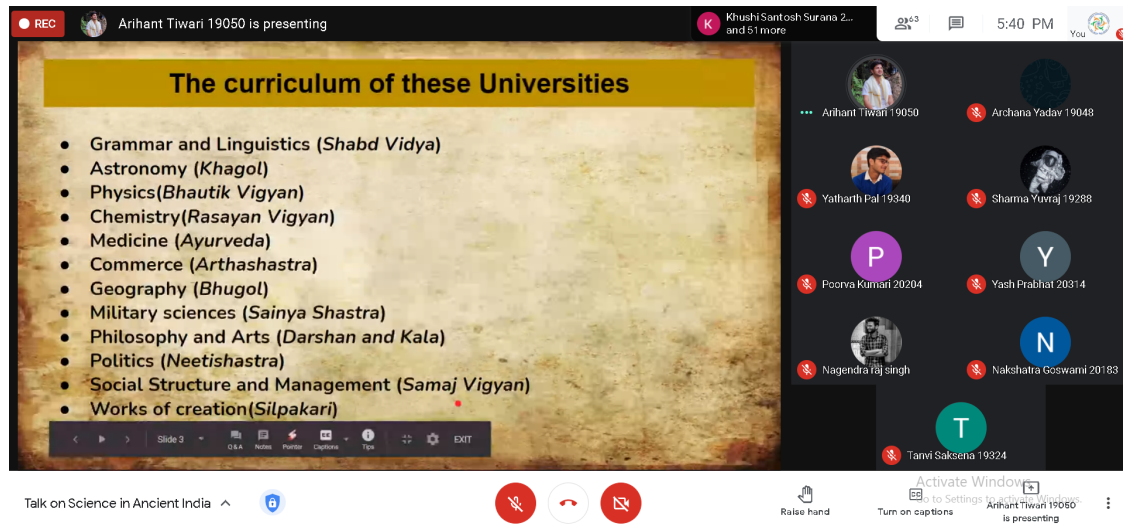
**Poster of the talk:**



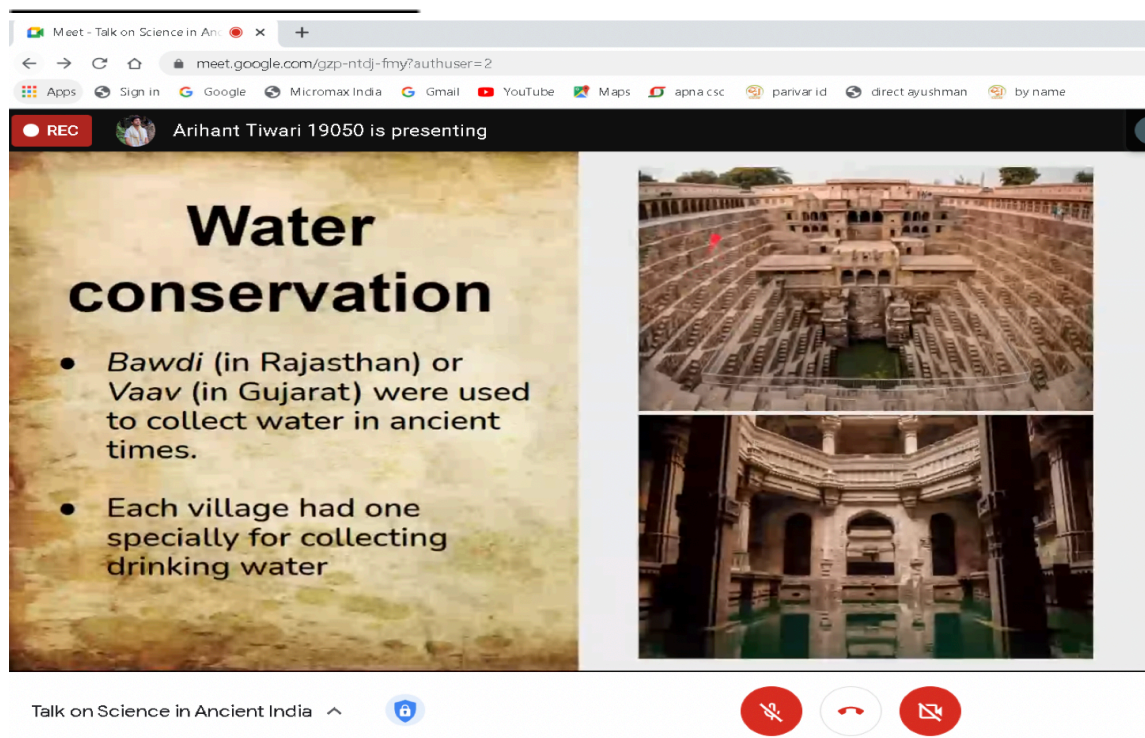
[Link](#) of the talk - The scientific practices in various regions of ancient India



## Some memorable snapshots:

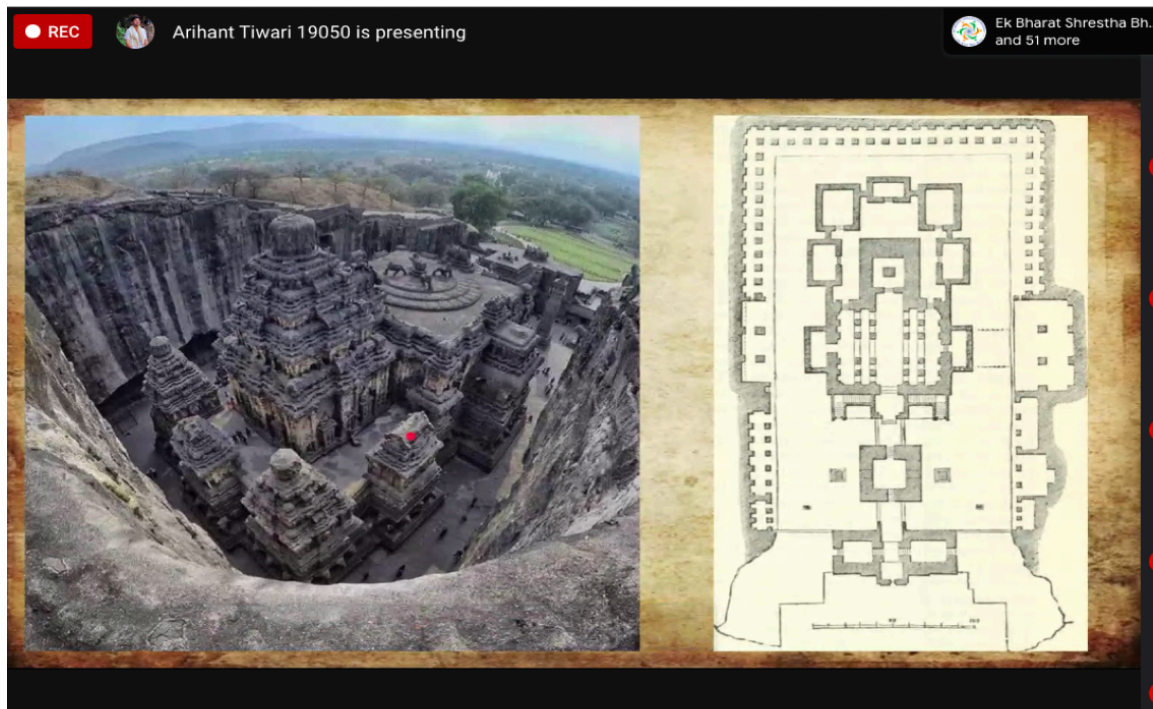


Above screenshot representing the subject taught in the University in Ancient India.



Slide explaining the methods of water conservation in Ancient India.





Slide showing a temple carved out of a single stone along with its planned design which helped in making architecture of the temple symmetrical.

REC

Arihant Tiwari 19050 is presenting

Goswami Chinmay and 42 more

## Dentistry

- Bow drill used to cure tooth ailments since 5000 bc.
- Indus valley civilization yields one of the first evidences of dentistry practices with tools and helpers to control the patient.




Talk on Science in Ancient India


Slide showing the ways of Dentistry in Ancient India.



REC Arihant Tiwari 19050 is presenting

## Weapons

- Hundreds of weapons described in the ancient texts.
- Protections tailored for specific weapons and weapons tailored for specific protections were pioneered.



Meeting details

People (56) Chat

Add people

IN CALL

Archana Yadav 19...	(You)	🔇	🔔
Aayush Shambhunath V...		🔇	⋮
Abhishek Swain 19007		🔇	⋮
Adarsh Kumar 19011		🔇	⋮
Aditi Gupta		🔇	⋮
Akanksha Lakra 19021		🔇	⋮
Ambika		🔇	⋮
Arihant Tiwari 19050		🔊	⋮

Meeting details ^

🔇 📞 🗑️

Raise hand Turn on captions Arihant Tiwari 19050 is presenting

Slide showing how the weapons were carved on the gate for the protection of the castle in kingdoms prevalent in Ancient India.