



Shri Vile Parle Kelavani Mandal's  
**Institute of Technology,  
Dhule**

**Guest Lecture**

*On*

**“Essence of Indian Traditional  
Knowledge”**

**Conducted by**

**Department of Applied Science &  
Humanities**

**28<sup>th</sup> December 2021**



**Organised by:** - SVKM's Institute of Technology's Department of Applied Science & Humanities organised this session for First Year B. tech students on 28<sup>th</sup> December 2021, at 2:00 pm.

**Objectives of the session:** -

The session title is included as an academic curricular subject for third year Civil engineering syllabus by the DBATU, Lonere. In order to make first year students familiar with this historical subject, the session aimed to provide an in-depth insight into the rich intellectual heritage of India, spanning various domains including philosophy, science, medicine, arts, and more. This report outlines the key takeaways and highlights from the session.

**Session Highlights:** -

The session was led by Dr. M. R. Sonawane. He brought an insightful knowledge and experience, making the lecture engaging and insightful. The lecture commenced with a comprehensive overview of the Essence of Indian Traditional Knowledge, emphasizing its holistic approach towards life, nature, and the universe. The speaker aptly highlighted how this system has been a source of wisdom and innovation for centuries.



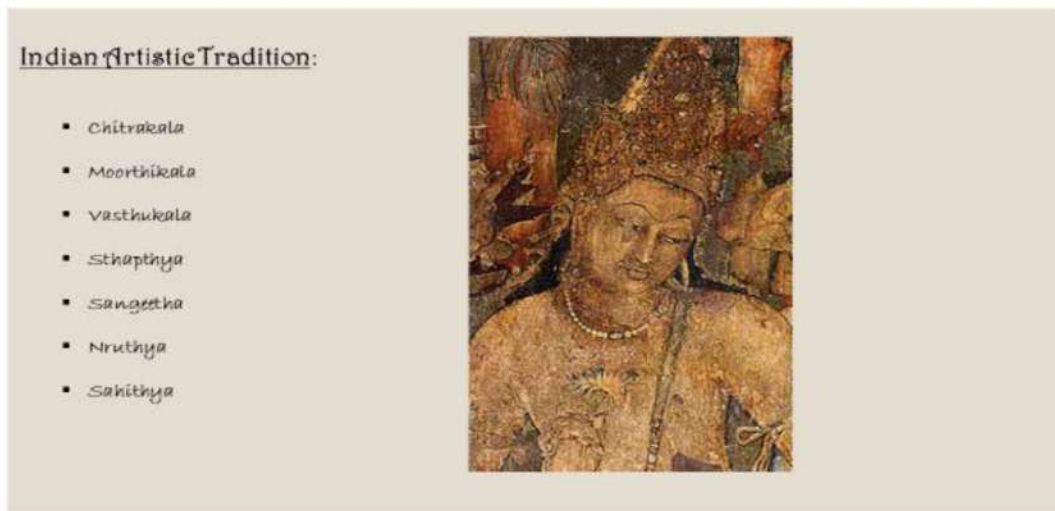
**Session Speaker**



**Session topics includes: -**

Philosophical Traditions:

The guest speaker elaborated on the various philosophical traditions that have profoundly shaped the Indian intellectual landscape. Concepts such as ancient India, Sources of knowledge transmission and preservation, Indian Artistic Tradition: Chitrakala, Moorthikala, Vasthukala were explained, showcasing the diverse perspectives on existence, reality, and consciousness.



**Session slide**

Contributions in Science and Mathematics:

One of the most captivating segments of the lecture was the discussion on India's contributions to science and mathematics. The audience was enlightened about ancient Indian achievements in fields like astronomy, geometry, and algebra. Notable figures such as Aryabhata and Brahmagupta were spotlighted for their pioneering work.





Students present for session

Ancient Education System in India:

- Āryabhaṭa (Mathematician)
- Panini (Grammarian)
- Rātagaṇa (Mathematician)
- Patañjali (writer of Sanskrit works)



1 शिक्षा	Śhikṣā	Phonetics
2 व्याकरणम्	Vyākaraṇa	Grammar
3 छन्दस्	Chandas	Vedic Meter
4 निरुक्तम्	Nirukta	Etymology
5 ज्योतिष	Jyotiṣha	Astrology/Astronomy
6 वर्णनम्	Kalpa	Vedic action

Thanks to [www.indicstud](http://www.indicstud)

**Session slide**

**Ayurveda and Traditional Medicine:**

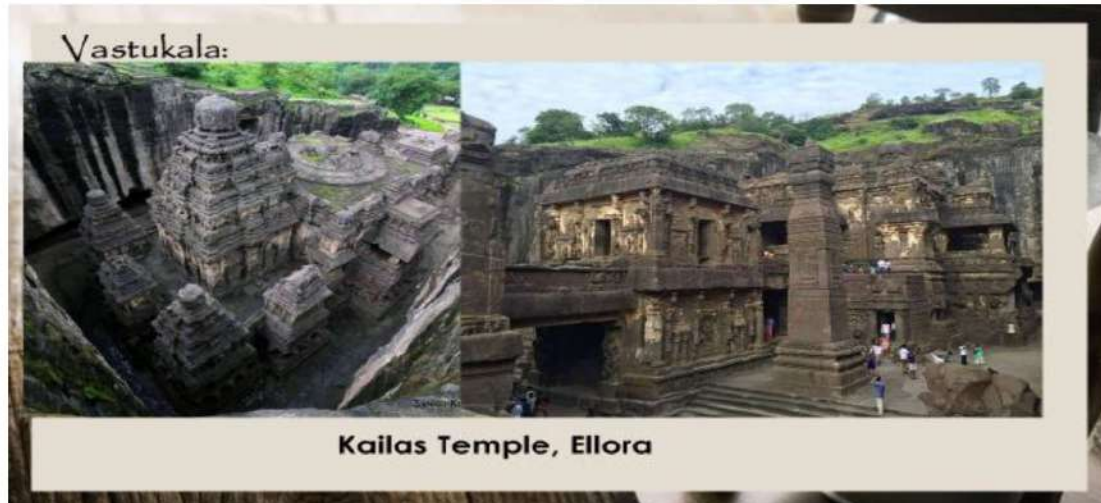
The lecture also shed light on the holistic healthcare system of Ayurveda, emphasizing the principles of balance and harmony in maintaining health. The speaker emphasized the relevance of Ayurveda, Yoga & Health care in today's world, especially in the context of holistic well-being.

**Art, Architecture, and Cultural Heritage:**





The session delved into the artistic and architectural marvels that bear testament to India's rich cultural heritage. Examples ranging from the intricate carvings of temples to the grandeur of historical monuments, ancient Indian science and technology, Ancient structures in India, Traditional materials, Construction styles and Techniques, Developments in construction materials, living styles and habitation, were showcased, demonstrating the fusion of artistry and spirituality.



**Session slide**

Interactive Session: The lecture was followed by an engaging Q&A session, where students actively participated, seeking further clarification and sharing their reflections. This interaction facilitated a deeper understanding of the topics discussed.



**Student participation in interactive session**



## Conclusion:

The Essence of Indian Traditional Knowledge guest lecture was a resounding success, leaving a lasting impression on all attendees. It served as a reminder of the profound wisdom that our ancient traditions offer and underscored the importance of preserving and disseminating this invaluable heritage.



Towards the end of the session, Mr. Sachin Nerkar presented vote of thanks, by expressing his gratitude towards Institute management committee, principal. He extended his heartfelt gratitude to Dr. Sonawane for sharing his information. He also expressed his appreciation to all the participants for their enthusiastic engagement. More than 93 participants attended this session.

