



Atharva College of Engineering

(Approved by AICTE, Recognized by DTE and Affiliated to University of Mumbai,
ISO 9001- 2008 certified)

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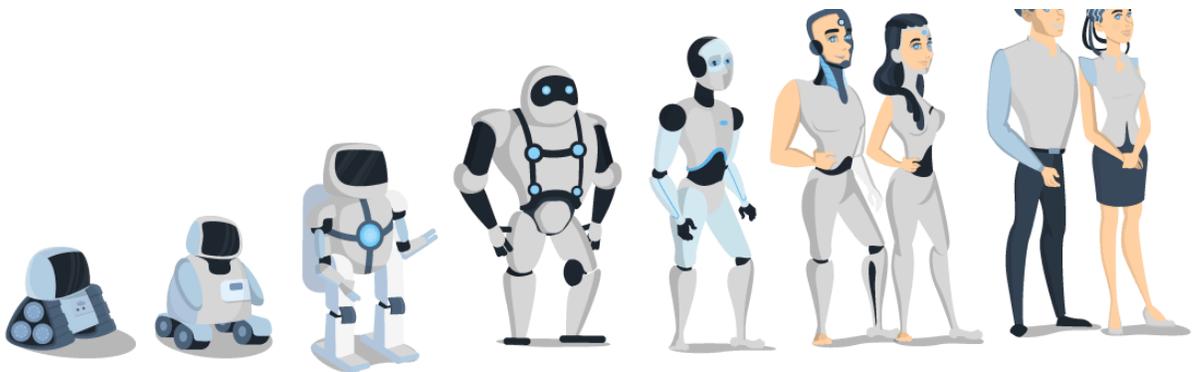


Pre- Conference Workshops (Planned) (18th February 2020)

Workshop 1: Machine Learning (For students)

Objective:

The objective of this workshop is to familiarize the students with some basic learning algorithms, techniques and their applications, as well as general questions related to analyzing and handling large data sets. Several software libraries and data sets publicly available will be used to illustrate the application of these algorithms. The emphasis will be thus on machine learning algorithms and applications.



Machine Learning is a subset of artificial intelligence which focuses mainly on machine learning from their experience and making predictions based on its experience.

What does it do? It enables the computers or the machines to make data-driven decisions rather than being explicitly programmed for carrying out a certain task. These programs or algorithms are designed in a way that they learn and improve over time when are exposed to new data.

As you know, we are living in the world of humans and machines. The Humans have been evolving and learning from their past experience since millions of years. On the other hand, the era of machines and robots have just begun. In today's world, these machines or the robots have to be programmed before they start following your instructions. But what if the machine started learning on their own from their experience, work like us, feel like us, do things more accurately

than us? The emphasis will be thus on machine learning algorithms and applications.

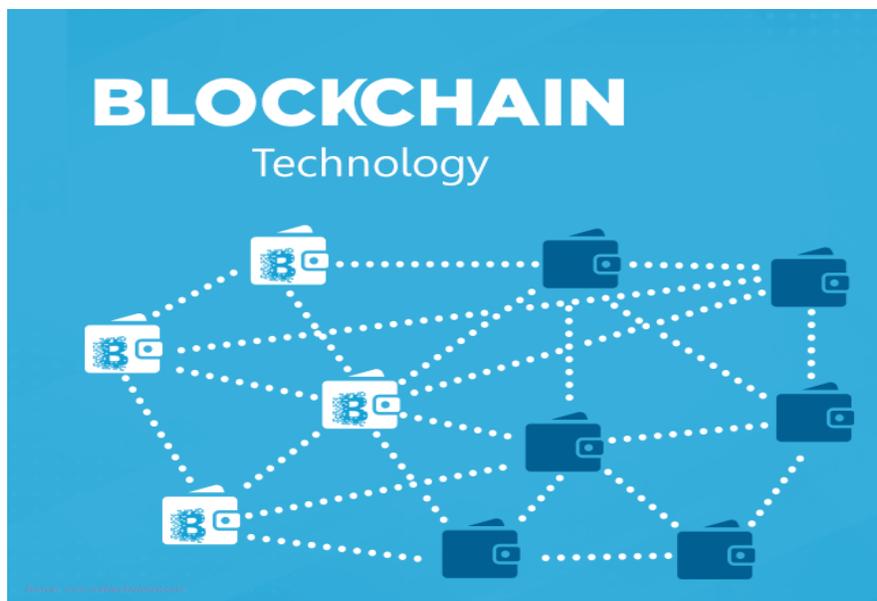
Speakers: 1) Akash Khamkar

2) Arjun Pokhare

Workshop 2: Blockchain (For Academicians)

Objective:

The objective of this workshop is to familiarize the faculties about the basics of block chain. Block chain can help students and faculties to transform themselves into crypto currency experts and push themselves beyond their limits. Our workshop is designed in such a way that in first session the audience can get the basic information about the technology followed by field experience from our keynote speakers.



During the past year everyone everywhere went crazy about crypto currencies and in particular, the so called crypto gold — Bitcoin. Block chain is a powerful technology with applications in fields such as crypto currency, healthcare, insurance, government, music, identification, supply chain, data management, and many more. By understanding the fundamental mechanisms that power blockchain, you can join the conversation and discover use cases for blockchain in your own life and work.

The blockchain works by providing a way to track and transfer data that is transparent, safe, auditable, and resistant to outages. But how are those features beneficial to the way we make decisions and exchange value? The answer is: by providing opportunity to trust each other and lower uncertainty to know.

Speakers: 1) Hemant Adarkar

2) Chandresh Aharwar (V.P Matic Networks)