



Semester : VII
Web 3.0

Subject : MIS

Academic Year: 2024-2025

Web 3.0 is an intelligent web technology that provides third generation of internet based services. The term was coined by John Markoff in 2006.

- Technology used is blockchain.
- Decentralization. (No central or higher authority to store your data)
- e.g. bitcoins (completely decentralized), cryptocurrency.
- When you transfer money your data will be known to bank, but in bitcoins your personal info is in your control.
- No data will be shared regarding your personal information.
- No misuse of your private data your data is within your control.
- Satoshi Nakamoto is said to be the inventor of bitcoin. and wrote the token's original white paper in 2008.

Technologies used in Web 3.0

Virtual reality, Augmented Reality, AI,
Semantic Web, Chat GPT, Metaverse.

Features that can help us understand Web 3.0

① Semantic Web: It is a vision for linking

data across webpages, Applications & files.

Some people consider it part of the natural evolution of the web, in which web 1.0 was about linked webpages, web 2.0 was about linked apps, & web 3.0 is about linked data.

- in this machine takes decision according to user decision input.

② AI: Combining AI capability with Natural lang. processing in web 3.0 computers can distinguish info. human being wants in order to provide faster & more relevant result.

They become more intelligent to fulfill the requirements of user.

③ 3D Graphics: in Web 3.0 Museum guides, comp. Games, e-commerce, etc are examples that use 3D graphics

④ Connectivity: -in Web 3.0 info is more connected thanks to semantic metadata.

⑤ Ubiquity: On ^{the} web content is accessible by multiple appl^s. that every device is using