



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS INSTITUTION - UGC, GOVT. OF INDIA)

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EXPERT TALK ON INSIGHTS OF WEB 3.0 AND BLOCKCHAIN TECHNOLOGIES

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Introduction to Web 3.0 and Blockchain Technology:

The third generation of web technologies is known as Web 3.0 (Web3). The World Wide Web, commonly referred to as the web, serves as the basic building block of the internet by offering website and application services. There isn't a single, accepted definition of Web 3.0 because it is continually changing and being defined. However, it is evident that Web 3.0 will heavily emphasise decentralised applications and utilise blockchain-based technology. Artificial intelligence (AI) and machine learning will both be used in Web 3.0 to enable smarter, more adaptive applications.

A decentralised data ledger that is safely shared is what the term "blockchain" refers to. Data sharing among a collective group of chosen members is made possible by blockchain technology. Transactional data from many sources may be readily gathered, integrated, and shared using blockchain cloud services. Cryptographic hashes are used as unique identifiers to chain together shared blocks of data that have been divided up into separate pieces. Blockchain eliminates data duplication and boosts security by providing data integrity with a single source of truth.

Hack-a-TONx :

Hack-a-TONx DoraHacks is TON Foundation's first global hackathon with a total prize pool of \$300K and fast-track to \$250M Ecosystem Fund. In order to participate in the hackathon, teams will need to build for TON mainnet or if bridging over projects, build a new model tailored for the TON ecosystem.

\$300,000 in prize pool Fast track to \$250M TONcoin Fund, the premier Ecosystem Fund on TON Fast track to additional grants

Security audit subsidies from TON Foundation w/ our partners (Certik/Quantstamp/and more).

