ISE CERTIFICATION COURSE DETAILS			
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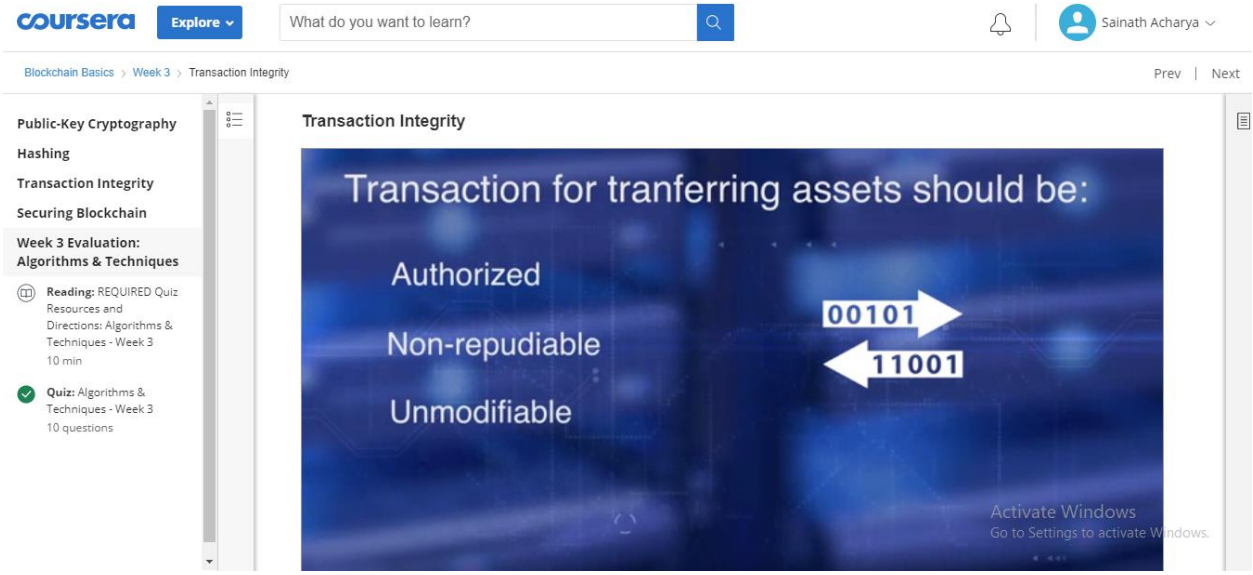
SEMESTER:	**VIII**	**MENTOR:**	**MRS. JAISHMA KUMARI B**
COURSE NAME:	**BLOCKCHAIN BASICS**	**DATE:**	**29-05-2020**

SCREENSHOT:



BRIEF REPORT: (POINT-WISE)

1). Transaction integrity is an important issue during a transaction and to manage it we should at least secure & unique account address, authorize transaction by sending through digital signing, verify that content of transaction is not modified

2). The main components of a Ethereum Block are Block, Header, Transaction Hash, Transaction Root, State Hash, State Root. Integrity of the block is managed by assuring that the block header contents are not tampered with, the transactions are not tempered with, state transitions are efficiently computed, hashed, and verified. Remember, the block chain is supposed to be an immutable record. In Ethereum, the block hash is the block of all the elements in the block header, including the transaction root and state root hashes. It is computed by applying a variant of SHA-3 algorithm called Keccak and all the items of the block header.

3). Quiz for all the above topics.