ISE CERTIFICATION COURSE DETAILS			
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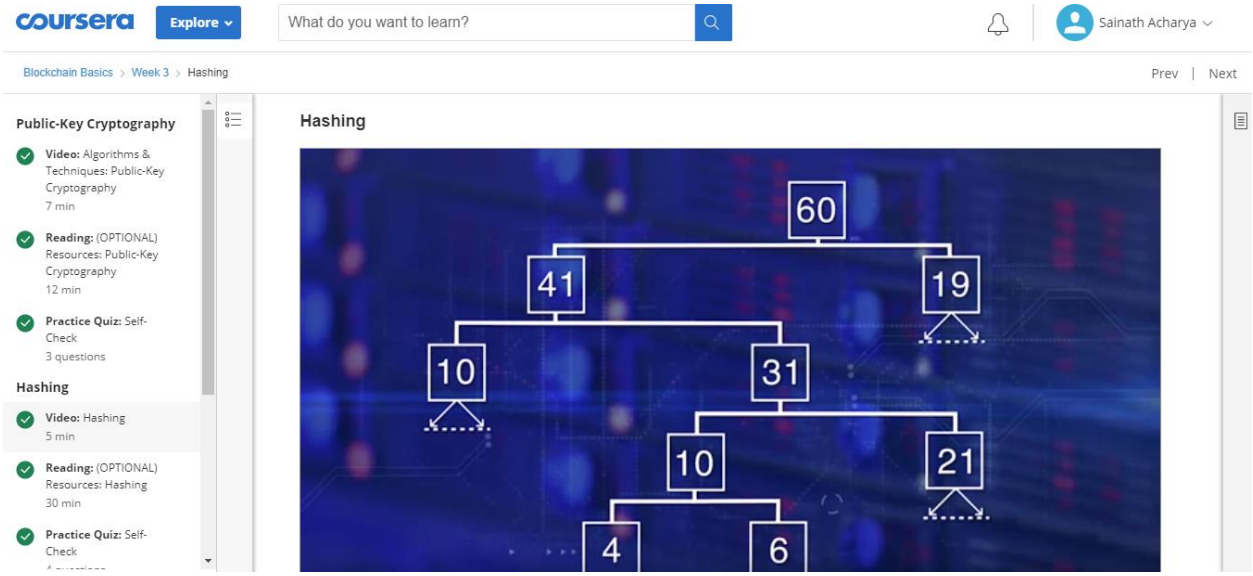
SEMESTER:	**VIII**	**MENTOR:**	**MRS. JAISHMA KUMARI B**
COURSE NAME:	**BLOCKCHAIN BASICS**	**DATE:**	**28-05-2020**

SCREENSHOT:



BRIEF REPORT: (POINT-WISE)

1). The transaction authorization and validation is carried out using Public-key cryptography i.e Symmetric key because the same key is used for both Encryption and Decryption which gives some problems later on so we use public-private key pairs to authenticate and validate transaction.

2). For secured encryption and decryption we use the technique which common and most popular i.e. Hashing. Using hash size of 256 bits and common has functions like SHA-3, SHA-256 and Keccak. They are used for generating account addresses, digital signatures, transaction hash, state hash, receipt hash, block header hash. SHA-3, SHA-256, Keccak-256 are some of the algorithms commonly used by hash generation in blockchains.

3). Quiz for all the above topics.