ISE CERTIFICATION COURSE DETAILS

NAME:	ACHARYA SAINATH BALAKRISHNA	USN:	4AL17IS400
SEMESTER:	VIII	MENTOR:	MRS. JAISHMA KUMARI B
COURSE NAME:	BLOCKCHAIN BASICS	DATE:	30-05-2020

SCREENSHOT:

BRIEF REPORT: (POINT-WISE)

1). trust in a decentralized blockchain is also about securing, validating, verifying, and making sure resources needed for transaction execution are available. This is accomplished by securing the chain using specific protocols, validating the transaction and blocks for tamper proofing, verifying the availability of resources for transactions, and executing and confirming the transactions. The Trust Trail is defined by these operations: validate transaction, verify gas and resources, gather transactions, execute transaction to get a new state, form the block, work towards consensus, finalize the block by the bidder, and everyone add the block to their chain and confirm the transactions.

2). Proof of Work is a consensus protocol used by bitcoin block chain and also by the current version of Ethereum. The protocol may be the same, the implementations in these two block chains are different. Many other approaches such as Proof of Stake, Proof of Elapsed Time. Proof of Work used in bitcoin and Ethereum is from the point of view of the miner.

3). Quiz for all the above topics.