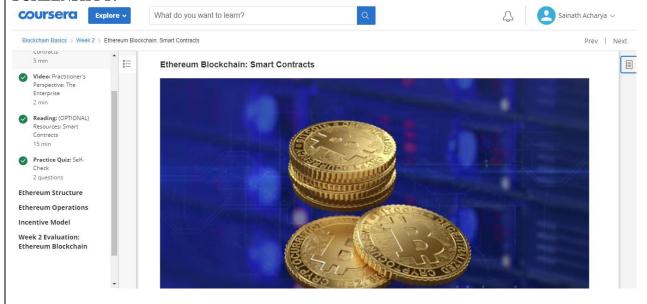
| ISE CERTIFICATION COURSE DETAILS |                             |         |                       |
|----------------------------------|-----------------------------|---------|-----------------------|
| NAME:                            | ACHARYA SAINATH BALAKRISHNA | USN:    | 4AL17IS400            |
| SEMESTER:                        | VIII                        | MENTOR: | MRS. JAISHMA KUMARI B |
| COURSE<br>NAME:                  | BLOCKCHAIN BASICS           | DATE:   | 26-05-20              |

## **SCREENSHOT:**



## **BRIEF REPORT: (POINT-WISE)**

- 1). Smart contracts which was the main thrust of Ethereum Blockchain and the stack diagram of Ethereum Blockchain which would consist of hardware at the bottom of the stack then P2P network & OS above it, then Ethereum Blockchain & Ethereum VM and above it the Application framework i.e. Smart Contracts and at the top of the stack is the Verticals i.e. the End-User applications.
- 2). With Smart contract we can perform transactions based on some conditions like if the age of a bidder is greater than 18 and the bid is greater than the minimum bid, then, accept the bid, or else reject the bid.
- 3). Structure of Ethereum is such that it has UTXO's and Account where all the transaction details is stored in the Accounts like from where the transaction started to where it ended also Accounts has two types Externally owned Account and Contract Accounts. Both the type of accounts must have enough fees to carryout the transactions. Fees are carried out in terms of wei or ethers.