**KESHAV MEMORIAL INSTITUTE OF**

**TECHNOLOGY**

**Narayanguda,Hyderabad.**

**Department of Computer Science and Engineering**

**COIN FLIPPER-THE ETHEREUM GAME**

**Abstract:**

The Internet as we know it is great for collaboration and communication, but is deeply flawed when it comes to commerce and privacy. The new blockchain technology facilitates peer-to-peer transactions without any intermediary such as a bank or governing body. Keeping the user’s information anonymous, the blockchain validates and keeps a permanent public record of all transactions.

Coin Flipper is a classic Ethereum game where the user bet some amount and flips the coin, if the coin turns even the user wins amount based on the bet ratio provided (1:2,1:3,1:4,1:8) and if the user loses the bet, the amount goes to contract. It is built on Blockchain technology using solidity as a programming language for creating smart contracts which runs on Ethereum Virtual Machine(EVM)

**Name : Jalimedi Likhith Kumar**

**Roll Number : 14BD1A0581,85,7L,7N**

**Branch : CSE-E**