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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING SCHOOL OF COMPUTING

ABSTRACT SUBMISSION FORM 1156CS701- MAJOR PROJECT

ACADEMIC YEAR: 2022-23 SEMESTER: WINTER

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| **Name of the Student 1 : Abiram G**  **VTU No. / Reg. No. : 15600/19UECS0295** |
| **TITLE OF THE PROJECT:** |
| **IoT Consensus Mechanisms** |
| **PROJECT SUPERVISOR:** |
| **Dr.Dilip Kumar** |
| **ABSTRACT** |
| *The abstract for this project is to develop a dashboard that can visualize statistics and the network graph, gather and calculate statistics from IoT devices, and provide real-time visualization of the blockchain and consensus process. The project involves a decentralized network of Raspberry Pi running blockchain and consensus software developed by the project team. The monitoring server will collect and analyze data from the blockchain and consensus process, and the frontend system will display the data in an easy-to-understand format. The statistics collected from IoT devices will help ensure the network is functioning correctly and enable users to detect and address any issues. The overall goal is to create a comprehensive monitoring system that provides valuable insights into the health and status of the network and enables users to take appropriate action as needed.* |

STUDENT PROJECT SUPERVISOR PROJECT CO-ORDINATOR