**CHAPTER 1**

**INTRODUCTION**

**1.1 Blockchain**

Technology is at the core of the twenty-first century. People are more willing to embrace emerging technologies as the need for modernization in our daily lives grows. One of such concepts, Blockchain, the most recent ground-breaking technology that is reshaping various sectors, was miraculously launched into the market. The main idea behind this technology, was to resolve the issue of centralized server system which was done using various Blockchain concepts. Learning from this, in our project we are trying to implement the concepts of Blockchain in the voting procedure at college level to provide a digitalized remote experience to users which they can use with complete trust and hence prove the lucrative use of Blockchain and other Cybersecurity techniques in this field.

The current system is the manual voting system using the EVM that consumes a sumptuous amount of manpower and it also lacks the option of remote access which proves to be a major drawback. Our idea will solve this problem where we are to make voting possible from anywhere the person is with the concept of the remote voting booth. We are providing a user-friendly interface and a secure network that the current system fails to provide. We will be using blockchain concepts to uphold the security and the immutable nature of our election system

**1.1.1 E-Voting**