



# Aditya College of Engineering & Technology

Aditya Nagar, ADB Road, Surampalem - 533437

## DEPARTMENT OF INFORMATION TECHNOLOGY

B. Tech 4/4, II-SEMESTER

II Semester 2021-22

## BITCOIN PRICE PREDICTION USING KNN

### ABSTRACT

Crypto currency is a form of payment that can be exchanged online for goods and services. Many companies have issued their own currencies, often called tokens, and these can be traded specifically for the goods or services that the company provides. Crypto currencies work using a technology called block chain. Bitcoin is the name of the best-known crypto currency, the one for which block chain technology was invented. It is used to send money over the internet. The digital currency was intended to provide an alternative payment system that would operate free of central control but otherwise be used just like traditional currencies. Machine learning is a subfield of artificial intelligence, which is broadly defined as the capability of a machine to imitate intelligent human behavior. It can be used to predict future instances by analyzing the data that was collected or web scrapped.

## **Course Outcomes (COs)**

### **Course Outcomes**

After completing this course, the student will be able to:

<b>CO Number</b>	<b>CO Statement</b>	<b>Taxonomy</b>
CO1	Demonstrate the technical knowledge to identify problems in the field of Information Technology and its allied areas.	Understand
CO2	Use literature to identify the objective, scope and the concept of the work.	Apply
CO3	Analyze and formulate technical projects with a comprehensive and systematic approach.	Analyse
CO4	Identify the modern tools to implement technical projects.	Evaluate
CO5	Design engineering solutions for solving complex engineering problems.	Create
CO6	Develop effective communication skills, professional behaviour and team work.	Understand

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>	<b>PO 12</b>	<b>PSO 1</b>	<b>PSO 2</b>	<b>PSO 3</b>
<b>CO1</b>	3	2	1						3	2	2	2	3	2	
<b>CO2</b>	2	1	2	2	1				3	2	2	2	3	3	1
<b>CO3</b>	1	1	3	3	1				3	2	2	2	3	2	1
<b>CO4</b>	2	1	1	2	3				3	2	2	2	2	1	2
<b>CO5</b>	2	2	3	3	2				3	2	3	2	3	1	1
<b>CO6</b>	1	1	1	2	1				2	3	2	2	3	2	1
<b>Course</b>	1.8	1.3	1.8	2.0	1.3				2.8	2.2	2.2	2.0	2.8	1.8	1.0

PO1	Engineering Knowledge	PO7	Environment & Sustainability
PO2	Problem Analysis	PO8	Ethics
PO3	Design / Development of Solutions	PO9	Individual & Team Work
PO4	Conduct Investigations of complex problems	PO10	Communication Skills
PO5	Modern Tool usage	PO11	Project Management & Finance
PO6	Engineer & Society	PO12	Life-long Learning