Literature Survey:

DATE	21 OCT 2023
TEAM ID	NM2023TMID03128
PROJECT NAME	CLIMATE TRACK SMART USING BLOCKCHAIN

Title Of The Paper	Authors	Algorithms	Advantages	Disadvantages
1. Block chain-Based Applications for Climate Change Mitigation and adaptation.	Y.Tian, Y.Wang and Y.Li	Carbon trading, renewable energy management, and climate change adaptation financing.	Block chain provides a temper proof and transparent record of all transaction making it possible.	Rising cost of mining, power consumption/ Environmental consequences.
2. Block chain for Climate Action: A Review of Potential Applications.	A.M.Shafiee, F.Alkhabbz and A.A.A.A.Gadir	This paper reviews the potential applications of block chain for climate action. The authors identify six main categories of applications	Smart contracts can be used to automate the tracking, reporting and verification of a climate related data.	Market manipulation: pump/dump trading, Regulatory concerns implications.
3.Block chain for Climate Change: Applications and Challenges.	M.Z.Chowdhury, M.S.Islam	This paper reviews the potential applications of block chain for climate smart agriculture collect climate data from various sources	Instant accessibility, absolute anonymity, Permanent Ledger, accurate tracking supply is central bank independent.	Scalability and cyber security issues, no protection in case of loss.
4. Block chain for Climate Smart Agriculture: A review of applications and challenges.	A.Kshemkalyani, A.K.Jana and P.K.Mallick	Use algorithms to process the data to identify trends and patterns in climate change. Store the processed data on the block chain.	Cost reduction, secure and Private, Decentralization/ increased transparency.	Challenges of market fluctuations, difficulty to understand, complex technology.
5. Block chain for Sustainable	K.Watanabe,	Share the data with other	Lower transaction cost, faster	Competing platforms,

Development: A Review of initiatives and Research Directions.	H.Nakamoto and N.Yasuoka	stakeholders, such as researchers, policymakers, and the public. Use smart contracts to automate data.	processing of transaction, World Wide acceptance.	implementation challenges, Has no physical form or intrinsic value.