## Artificial Intelligence

## and

## Machine Learning

Project Abstract

Semester-IV (Batch-2022)

Stock Price Predictor using Timeseries

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Description automatically generated with low confidence

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## Chitkara University Institute of Engineering & Technology,

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**Title:** An AI/ML-based Stock Price Predictor

**Abstract:**

This project introduces an advanced AI/ML-based Stock Price Predictor, aiming to revolutionize stock trading strategies. Leveraging cutting-edge machine learning algorithms and technical analysis tools, particularly focusing on moving averages across 50, 100, and 200 days, our predictor offers a comprehensive approach to forecasting stock prices. By meticulously analyzing historical stock data, the predictor constructs predictive models capable of identifying intricate patterns and trends, enabling anticipation of future price movements with greater accuracy. The integration of moving averages allows for the detection of significant market trends, empowering investors to make well-informed decisions. Continuously adapting and learning from new data, the predictor evolves, enhancing its predictive capabilities and adaptability to market dynamics. By providing investors and traders with actionable insights, our system strives to empower them to navigate the complexities of the stock market confidently, ultimately leading to improved investment outcomes and portfolio performance.