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5	Name of the Supervisor(s)	Dr. ROHITA KUMAR MISHRA
6	Details of the Funding Agency	UGC
7	Title of the Research Work	MODELLING AND ANALYSIS OF STOCK PRICE OF SELECTED COMPANIES: A STUDY OF INDIAN STOCK MARKET
8	Brief Abstract of the Research Work(250 Words)	Stock market works as fund provider to organised sectors of the economy. The organised sector contributes the economy in different like production, employment etc. The analysis of stocks has vital importance for making optimal portfolios. Traditionally only few stocks were analysed manually at a time. With the advancement of information and communication technology, investors are able to analyse millions of stocks at once with the help of data mining. The study aims at making a robust model for predicting the stock prices of the companies and ranking stock market variable as per their importance. Different machine learning algorithm will be used for the given purpose. Stock historical data along with different fundamental and technical indicator will be used as independent variable for predicting stock movement. The study will be helpful for all type of investor to approach the stock market in proper way. This study will also be helpful where prediction plays a greater role.
9	Progress of Research Work(Stage)	THESIS WRITTING
10	Research Experience	2 years 5 months
11	Teaching Experience	YES
12	Corporate Experience	NO
13(A)	Journal Publication	

Year	Author	Co-Author	Title	Name of the Journal	Publisher	Volume/Issue
13(B)	**Magazine Publication**					
13(C)	**Book Chapter Publication**					
2023	**CHANDAN KUMAR BAL**	**ROHITA KUMAR MISHRA**	**STOCK MARKET ANALYSIS- A REVIEW OF PREDICTION TECHNIQUES**		**SSDN, NEW DELHI**	
13(D)	**Book Publication**					
13(E)	**Conference Proceedings Publication**					
13(F)	**Case Publication (with Teaching Notes)**					
13(G)	**Conference Presentations**					
2020	**CHANDAN KUMAR BAL**	**ROHITA KUMAR MISHRA**	ANALYZING STOCK PRICES OF MANUFACTURING COMPANIES THROUGH SUPPORT VECTOR REGRESSOR AND RANDOM FOREST ALGORITHM			
2020	**CHANDAN KUMAR BAL**	**ROHITA KUMAR MISHRA**	**STOCK MARKET ANALYSIS AND PREDICTION: A BIBLIOMETRIC ANALYSIS**			
14	**FDPs attended**					
15	**Professional Associations & Recognition**					