Form ID: DR.001



CSE 498/EEE498/ETE498 (Direct Research) Form

Department of Electrical and Computer Engineering

School of Engineering and Physical Sciences (SEPS)

North South University, Bashundhara, Dhaka-1229, Bangladesh.

**Student Name:** Shakib Khan

**Semester:** Spring’21

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**Supervisor Name:** Dr. Mohammad Monirujjaman Khan

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| PROJECT TITLE:  Sentiment analysis of COVID-19 Vaccination twitter data |
| PROJECT SUMMARY (less than 200 words): (Please provide a summary of the project objectives, R&D methodology involved, impact and benefits, etc.)  In recent times, we are observing that, some confusions or conflicts regarding the vaccination of COVID-19 among the mass people. Many people took decision to vaccinate themselves and a good number of people are still confused, many of them are frightened and many of them directly refused to be vaccinated. In our research, we'll analysis the sentiment of these people regarding the vaccination process. We will use Machine Learning techniques to measure the basic stats about people whom are positive, whom are negative and whom are neutral in this vaccination procedure from the Covid-19 vaccination available datasets. We'll also theoretically analyze the reason behind these conflicts or confusions. |
| PROJECT OUTCOMES (less than 200 words): (Please provide a brief description of the R&D output in both qualitative and quantitative terms)    This research will help the health researchers to get the proper knowledge of the issues regarding vaccination process. The companies who produce vaccines, Governments or Health Ministries of different countries, or policy makers of this sector like WHO or others, can have proper idea about their vaccine is effective or not, and the percentage of this effectiveness as well. They can understand that, in which sector, they have to improve, so that people can have faith in this vaccination process. Moreover, they may have a clear idea about how many doses they should be ready with according to the wish of the mass people. In Health Science Research, our project will be a added benefit to find out the proper scenario and pros & cons of vaccination process of Covid-19. I believe, we'll be a little but effective part to help the upfront fighters against these NOVEL Coronavirus and keep our lives healthy and safe. |



Shakib khan

Student’s Name and Signature Supervisor’s Name and Signature

Approved By

Chairman, Dept. of Electrical and Computer Engineering

\*\*Please provide a copy of your signed, completed form to your supervisor and ECE department

(And keep a copy for yourself which needs to be attached with your final report)