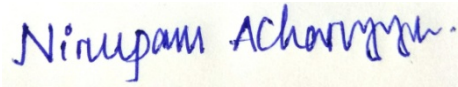


## DECLARATION

I certify that

- a. The work contained in this thesis is original and has been done by me under the guidance of my supervisors.
- b. The work has not been submitted to any other University/Institute for any degree or diploma.
- c. I have followed the guidelines provided by the University in preparing the thesis.
- d. I have conformed to the guidelines given in the Ethical Code of Conduct of the University.
- e. Whenever I have used materials (data, theoretical analysis, figures and text) from other sources, I have given due credit to them by citing them in the text of the thesis and giving their details in the references.
- f. Whenever I have quoted written materials from other sources, I have put them under quotation marks and given due credit to the sources by citing them and given required details in the references.

Date: 24/08/2020



(Nirupam Acharyya)

Signature of the Scholar