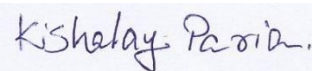


## DECLARATION

I confessed that

- a. The work contained in the thesis is original and has been done by myself under the supervision of my supervisor Professor Dr. Susanta Kumar Chakraborty.
- b. The work has not been submitted to any other institute for any degree or diploma.
- c. I have followed the guidelines that were provided by the university in writing the thesis.
- d. I have conformed to the norms and guidelines given in the ethical code of conduct of the university.
- e. Whenever I have used materials 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 giving required details in the references.



Kishalay Paria.

Signature of the student  
(Kishalay Paria)