## **CERTIFICATE**

I certify that the thesis entitled "Provenance of Late Quaternary Continental Sediments in Western India: Insights from Trace Element and Isotope Geochemistry" by Mr. Anirban Chatterjee was prepared under my guidance. He has completed all requirements as per Ph. D. regulations of the University. I am satisfied with the analysis of data, interpretation of results and conclusions drawn. I recommend the submission of the thesis.

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