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## Certificate

This is to certify that the thesis entitled "Anti-cancer efficacy of surface coated copper oxide nanoparticles: A mechanistic study comprising immunomodulation" submitted to the Vidyasagar University for the degree of Doctor of Philosophy (Science), has been carried out by Miss Aditi Dey, M.Sc. under my supervision. She fulfilled all the terms and conditions laid down for the Ph.D. examination (Science) of Vidyasagar University.

It can also be certify that the thesis is worthy of submission for the degree of Doctor of Philosophy (Science) of Vidyasagar University and that no part of this thesis has been submitted for other degree or diploma in any other University or Institute. The thesis has been revised after making necessary corrections as suggested by the Adjudicator.

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