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I have pleasure to certify that Sri Madhusudan Gantait has carried out the research work under my guidance for the thesis entitled "Investigation on the Electrical and Optical Properties of Arc Plasma" which he is submitting for the Ph.D. degree (Science) of North Bengal University. Sri Gantait has fulfilled all the requirements for the submission of his thesis as laid down by the University.

S. N. Sen
(S. N. Sen)

Sr.Professor of Physics,
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