

CERTIFICATE

This is to certify that the dissertation entitled "SIMULATION OF D.C. MOTOR AND ON LINE PARAMETER ESTIMATION" has carried out by S.R. Kumbhar for the partial fulfillment of M.Phil. degree in Electronics of Shivaji University, Kolhapur. He has worked under my supervision as per the requirement of M.Phil. course of this University. His work is original in nature and it has not been submitted for this or any other degree or diploma of this or any other university.

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