

CERTIFICATE

I hereby certify that the thesis entitled “**AN INVESTIGATION ON PHOTOVOLTAIC FED SENSORLESS BRUSHLESS DC MOTOR USING CONTROL TECHNIQUES**” submitted to the St Peter’s Institute of Higher Education and Research, for the award of Degree is the record of research work done by the candidate **A.SUNDARAM** under my guidance and that the thesis has not formed previously the basis for the award of any degree, diploma, associate ship, fellowship or other similar titles.

Dr. G. P. RAMESH

SUPERVISOR

Place:

Date: