



## CERTIFICATE

This is to certify that the project report entitled “One Step Solution Combustion Synthesis of Manganese Doped Nickel Oxide for Supercapacitor Application” is a bonafide work carried out by **ISHIKA DHANESH**, 228209 under the guidance of **Dr. NYGIL THOMAS**, Assistant Professor, Department of Chemistry, Nirmalagiri College, Kannur.

The same is being submitted to the Post Graduation Department of Chemistry, St. Aloysius College (Autonomous), Mangaluru, in partial fulfillment of the requirements for the award of **Master of Science in Chemistry**. No part of this thesis has been presented for the award of any other degree.

**Dr. Nygil Thomas**

Assistant Professor

Postgraduate and Research Department of Chemistry

Group Leader, International Material Research Lab

Nirmalagiri College, Kannur, Kerala

<https://www.nygilresearch.in/>