## CERTIFICATE



This is to certify that the project title entitled "Solution combustion synthesis of pure and Mg doped NiO and their electrochemical performance evaluation" is a bonafide work carried out by Rithika Ramesh, 219315 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) in partial fulfillment of the requirement for the award of **Master of Science in Analytical Chemistry**. No part of this thesis has been presented for the award of any other degree.

Dr. Nygil Thomas

(Name & signature of the guide)

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