

**INVESTIGATIONS INTO A FACILE PROCESS FOR THE
DIRECT SYNTHESIS OF LANTHANUM PHOSPHATE-
LANTHANUM OXIDE COMPOSITES FROM LANTHANUM
CARBONATE PRECURSOR**

Dissertation submitted to the University of Kerala

In the partial fulfillment of the Degree of
Master of Science in Analytical Chemistry

By

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CERTIFICATE

This is to certify that the dissertation entitled " *Investigations into a facile process for the direct synthesis of Lanthanum phosphate-lanthanum oxide composites from lanthanum carbonate precursor*" is a bonafide report of the project work done by Rahul Harish under the guidance of Dr Shajesh Palantavida in the Centre of Nano and Material Sciences, JAIN (Deemed to be University), Bangalore in partial fulfilment for the award of the degree in Master of Science, Analytical Chemistry, during the period April - May 2019. This dissertation has not been previously submitted elsewhere.

Project Guide


30/05/2019

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