

The National College (Autonomous)

Jayanagar, Bengaluru – 70

DEPARTMENT OF POST GRADUATE STUDIES AND RESEARCH IN PHYSICS

CERTIFICATE

This is to certify that the present Project titled "A STUDY ON STRUCTURAL AND MORPHOLOGICAL PROPERTIES OF Na SUBSTITUTED AlCaO_3 NANOPARTICLES FOR CATALYSIS APPLICATIONS" has been the outcome of an original study carried out by Mr. DILIP CHANDRA M R under the supervision of Dr. K T VASUDEVAN towards the partial fulfilment of the requirements for the degree of Masters of Science in Physics at The National College, Jayanagar, Bangalore.

This is to further certify that the work reported is his/her independent original investigation and herein does not form a part of any other thesis / dissertation, on the previously forming of which a degree or diploma or a certificate has been conferred upon this or any other student in the past.


Signature of Project Supervisor

Dr. K T VASUDEVAN

Co-Ordinator

Department of Post Graduate &

Research in Physics

The National College Jayanagar-560070


Co-Ordinator Signature

The Co-ordinator
Dept. of PG Studies in Physics
The National College
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Jayanagar, Bangalore - 70.


Signature of the principal

Date: 23 November 2023

Place: Bengaluru