

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 “**THE STRUCTURAL AND OPTICAL PROPERTIES OF LITHIUM ALUMINA ZINC BORATE GLASS DOPED WITH Eu^{2+}** ” has been the outcome of an original study carried out by **Mr. L YUVARAJ KUMAR** under the supervision of **Dr. THEJAS R** 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 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. THEJAS R


Assistant Professor

Department of Post Graduate &

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The Co-ordinator
Dept. of PG Studies in Physics
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AUTONOMOUS
Jayanagar, Bangalore - 70.
Co-Ordinator Signature


Signature of the principal

Date: 23 November 2023

Place: Bengaluru