

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 “**SYNTHESIS AND CHARACTERISATION OF CALCIUM ZINC LITHIUM BOROPHOSPHATE GLASSES**” has been the outcome of an original study carried out by **Mr SYED KASHIF** under the supervision of **Dr. P NAGARAJU** 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.P.NAGARAJU
Project supervisor
Department of Post Graduate Studies &
Research in Physics
The National College Jayanagar,
Bangalore-560070



Co-Ordinator Signature

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



Signature of the principal

Date: 23 November 2023

Place: Bengaluru