



CERTIFICATE

This is to certify that the thesis titled “**OPTICAL AND SPECTROSCOPIC STUDIES OF CHIRAL MATERIALS**” has been prepared by **Archana Paritosh Shah** at Navrachana University, Gujarat, India, under my supervision and guidance. The Thesis is her original work completed after careful research and investigation.

The work of the thesis is of the standard expected of a candidate for PhD Program in Physics and I recommend that it be sent for evaluation.

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Date: 30th June, 2023

Forwarded through

- 1) Name and signature of the Program Chair, School of Engineering and Technology

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- 2) Name and signature of the Dean, School of Engineering and Technology

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