

LUMINESCENCE STUDIES OF RARE EARTH DOPED PEROVSKITE PHOSPHORS

A THESIS SUBMITTED TO



**THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA
FOR THE AWARD OF THE DEGREE OF**

Doctor of Philosophy
IN PHYSICS

BY

DEGDA NARESHKUMAR JETHABHAI

(REGISTRATION NO: FOS/2203)

UNDER THE SUPERVISION OF

PROF. M. SRINIVAS

DEPARTMENT OF PHYSICS

FACULTY OF SCIENCE

THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

VADODARA, GUJARAT-390002

NOVEMBER-2023