

**STUDIES OF THE SEPARATION CHARACTERISTICS
OF POLYMERIC MIXED MATRIX MEMBRANE
INCORPORATED WITH CARBON ALLOTROPES**

A Thesis submitted to

THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

For the degree of

DOCTOR OF PHILOSOPHY

In

Applied Chemistry

Submitted by

Mistry Priyanka Yogeshbhai

Under the Guidance of

Prof. C. N. Murthy



**DEPARTMENT OF APPLIED CHEMISTRY
FACULTY OF TECHNOLOGY & ENGINEERING
THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA
VADODARA – 390001**