

**Role of negative co-stimulatory
molecule V-set domain containing T-
cell activation inhibitor-1 (VTCN1) in
Vitiligo pathogenesis**

**A THESIS SUBMITTED TO
THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA
FOR THE DEGREE OF**

Doctor of Philosophy

IN

BIOCHEMISTRY

BY

Vaishnav Jayvadan Jayantilal

**UNDER THE GUIDANCE OF
Prof. Rasheedunnisa Begum**



**DEPARTMENT OF BIOCHEMISTRY
FACULTY OF SCIENCE
THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA
VADODARA- 390 002, GUJARAT, INDIA
May 2023**