

# **ON MECHANICAL BEHAVIOUR OF JOINTED ROCKS**

A Thesis Submitted to  
The M. S. University of Baroda  
in Partial Fulfilment  
For The Degree of  
**Doctor of Philosophy**  
in  
**Civil Engineering**

By  
**UPENDRA D. DATIR**

RESEARCH GUIDE :  
**DR. PIYUSH PARIKH**

**GEOTECHNICAL ENGINEERING DIVISION  
APPLIED MECHANICS DEPARTMENT  
FACULTY OF TECHNOLOGY AND ENGINEERING  
THE M. S. UNIVERSITY OF BARODA  
VADODARA-390 001  
JULY, 1989**