

**Functional characterization of XisA Protein of  
*Anabaena sp.* PCC 7120**

THESIS  
SUBMITTED TO

**THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA,  
VADODARA, GUJARAT**



FOR THE DEGREE OF  
**DOCTOR OF PHILOSOPHY**

By

**Ujwalkumar Trivedi**

**Department Of Biochemistry  
Faculty of Science  
The Maharaja Sayajirao University of Baroda,  
Vadodara- 390 002, Gujarat, INDIA  
October- 2015**