



**INDIAN INSTITUTE OF SCIENCE**  
Bangalore, India

भारतीय विज्ञान संस्थान  
बैंगलूर, भारत

**CERTIFICATE**

This is to certify that the project entitled "SYNTHESIS AND CHARACTERISATION OF TITANIUM NITRIDE AND TITANIUM CARBONITRIDE" is an authentic project work carried out by **BHAGYA LAKSHMI S.B.** of M.Sc. Chemistry, Sacred Heart College, Thevara under my guidance in Department of Inorganic and Physical Chemistry, Indian Institute of Science, Bangalore, during the time period of April to June 2016

Place: Bangalore

Date: 29.06.2016

Prof. S.Sampath

29/6/16

Guide

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