


### CERTIFICATE

This is to certify that the Thesis entitled, 3D Superconducting Transmon Qubit  
is submitted by Rohit H Navarathna ID No. 2013B5TS364G in partial fulfillment of the  
requirements of BITS F421T Thesis embodies the work done by him/ her under my supervision.

Date

8/5/17

  
Signature of the supervisor

Name

VIBHOR SINGH

Designation

Assist. Prof.