

# **EARTHQUAKE VIBRATION CONTROL USING MODIFIED FRAMED SHEAR WALL**

**(A MAJOR PROJECT THESIS)**

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE AWARD OF THE DEGREE OF

**MASTER OF TECHNOLOGY IN CIVIL ENGINEERING**  
With Specialization in  
**STRUCTURAL ENGINEERING**

Submitted By  
**PUSHPENDRA KUMAR NIGAM**  
**ROLL NO. 2K12/STE/15**

Under the guidance of

**PROF. A. K. GUPTA**



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**July 2014**

**DEPARTMENT OF CIVIL ENGINEERING  
DELHI TECHNOLOGICAL UNIVERSITY  
DELHI**

**CERTIFICATE**



**CANDIDATE DECLARATION**

I do hereby certify that the work presented in this major project report entitled as “**earthquake vibration control using modified framed shear wall**” in the partial fulfillment of the requirement for the award of the degree of “**master of technology**” in **structural engineering** submitted in the department of civil engineering, Delhi technological university, is an authentic record of my own work carried out under the supervision of Dr. A. k. Gupta, department of civil engineering, DTU.

I have not submitted the matter embodied in the report for the award of any other degree or diploma.

Date: **25<sup>TH</sup> JULY 2014**

**PUSHPENDRA KUMAR NIGAM**

**(2K12/STE/15)**

This is to certify that above statement made by the candidate is correct to best of my knowledge.

**DR. A.K GUPTA**

**(DEPARTMENT OF CIVIL ENGINEERING, DTU)**

