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**CERTIFICATE**

This is to certify that the thesis titled **Stability And Failure of Laminated Composite Plates and Cylindrical Panels Subjected to In-Plane Pulse Loads** submitted by **Vasanth Keshav** ID No. **2015PHXF0004P** for award of Ph.D. of the Institute embodies original work done by him under my supervision.

**Signature of the Supervisor:**

**Name in capital letters: SHUVENDU NARAYAN PATEL**

**Designation:** Assistant Professor, Department of Civil Engineering, BITS Pilani

**Date:**



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