



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH**  
**DECEMBER 2019**

**BONAFIDE CERTIFICATE**

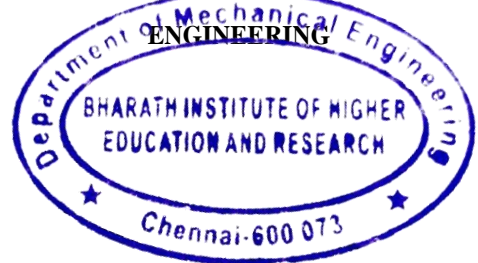
This to certify that this project entitled “NONLINEAR DYNAMICS/VIBRATIONS OF ARCHITECTED MATERIALS FOR AEROSPACE APPLICATIONS ” is the bona-fide work of “ DINESH KUMAR M(U16ME029), ANSHU KUMAR RAJ(U16ME030), ZHAKIRHUSSAIN S(U16ME031), MALARAVAN A(U16ME032)” who carried out the project work under our supervision.

**27.12.2019**

**Date of project work viva voice examination on \_\_\_\_\_**

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**INTERNAL EXAMINER**

**EXTERNAL EXAMINER**