



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

**BONAFIDE CERTIFICATE**

This to certify that this project entitled “AUTOMATIC PNEUMATIC BUMPER FOR FOUR WHEELER” is the bona-fide work of “KONAKALLA RANJITH(U16ME061), DANIEL N P(U16ME062), GAJULA AKHIL RAGHU SAI(U16ME063), MANOJKUMAR K(U16ME064) who carried out the project work under our supervision.

27.12.2019

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

**Mr. R. Hariharan**  
ASSISTANT PROFESSOR  
PROJECT GUIDE

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**INTERNAL EXAMINER**

**EXTERNAL EXAMINER**