



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

**BONAFIDE CERTIFICATE**

This to certify that this project entitled “FRICTION WELDING OF AUSTENITIC STAINLESS STEEL AND OPTIMIZATIN OF WELD QUALITY” is the bona-fide work of “MUDDADA GIREESH(U16ME073), KOMMINA SRIRAM(U16ME074), DANISH AYUB(U16ME075), AYUBANSARI(U16ME076)” who carried out the project work under our supervision.

27.12.2019

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

**Mr.V. Jose Ananth Vino**  
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PROJECT GUIDE

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**INTERNAL EXAMINER**

**EXTERNAL EXAMINER**