



## Declaration

I, Dipali Pandya, registered as Research Scholar, bearing Registration No. 16721009 for the Doctoral Program in the Mechanical Engineering Department, School of Engineering and Technology, Navrachana University do hereby declare that this PhD thesis titled “Experimental investigation on duplex stainless steel weld by Activated TIG welding and its variants” submitted by me to Navrachana University, Vadodara, Gujarat, India is original and is the outcome of independent investigation / research carried out by me.

I do hereby declare that this work contains no plagiarism and has not been submitted for the award of any other degree/diploma of the same Institution where the work was carried out or to any other Institution.

I do hereby declare that the text, diagrams, or any other material taken from other sources (including but not limited to books, journals and web) have been acknowledged, referred and cited to the best of my knowledge and understanding.

Dipali P. Pandya

Research Scholar

I endorse the above declaration made by the student

Dr. Amarish D. Badgujar

Guide

Date: 13/06/2022

Place: Vadodara, Gujarat India