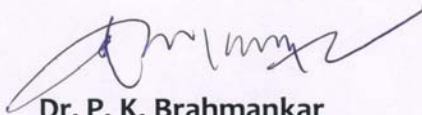


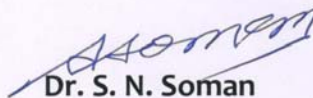
## CERTIFICATE

This is to certify that the thesis entitled "Study of Effect of Design and Process Parameters on Aluminium Welds made by Friction Stir Welding" submitted by **Shri Liladhar Vitthal Kamble** in partial fulfillment for the award of the degree of **Doctor of Philosophy in Mechanical Engineering** to The Maharaja Sayajirao University of Baroda, Vadodara, is a record of bonafide research work carried out by him under our guidance and supervision. It is certified that the work contained in this thesis is an original contribution and has not been submitted in part or full for any other degree at this or other University/ Institute.

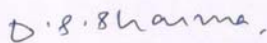
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