



## Department of Textile Engineering

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### CERTIFICATE

*This is to certify that the thesis entitled “Developing New System for Yarn Warping” which is being submitted by Thakkar Ashwin Ishvarlal in partial fulfillment for the award of the degree of Doctor of Philosophy in Textile Engineering to The Maharaja Sayajirao University of Baroda, Vadodara is a record of bonafide work carried out by him under our supervision and guidance at Faculty of Technology & Engineering, Vadodara. The work presented in this thesis has not been submitted for the award of any other degree.*

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