

# Certificate

This is to certify that the thesis entitled '*Speech Recognition Methodologies for Gujarati Language*' has been prepared by **Shardav Umang Bhatt** in partial fulfilment of the degree of Doctor of Philosophy in Applied Mathematics. This work has been carried out under our supervision.



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# Approval Sheet

This thesis entitled '*Speech recognition methodologies for Gujarati language*' submitted by **Shardav Umang Bhatt** in Applied Mathematics is hereby approved for the award of the degree of Doctor of Philosophy.

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