

Declaration by Research Scholar

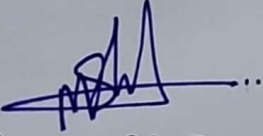
Originality of Research Work

I declare that thesis entitled "*Development of a Model to Analyse & Interpret Vernacular Voice Recognition of Gujarati Dialects*" is my own work conducted under the supervision of **Dr. Hiren R. Kavathiya** at Department of **Computer Science**, Faculty of **Science**, Atmiya University, Rajkot, Gujarat, India and approved by the Director of Research.

I further declare that to the best of my knowledge the thesis does not contain any part of any work which has been submitted for award of any degree either in this University or any other University without proper citation.

Date:

Place: Atmiya University, Rajkot.



Signature of the Research Scholar

Meerabahen M. Shah

Certificate of Supervisor

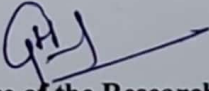
This is to certify that work entitled "*Development of a Model to Analyse & Interpret Vernacular Voice Recognition of Gujarati Dialects*" is a piece of research work done by **Meerabahen M. Shah** under my supervision for the degree of Doctor of Philosophy in Department of **Computer Science**, Faculty of **Science**, Atmiya University, Rajkot, Gujarat, India.

To the best of my knowledge and belief the research work and thesis

- I. Embodies the work of candidate himself / herself,
- II. Has duly been completed,
- III. Fulfils the requirement of ordinance related to Ph.D. degree of the University &
- IV. is up to the standard both in respect of content and language for being referred to the examiner.

Date: 08/01/2025

Place: Rajkot.



Signature of the Research Supervisor

Dr. Hiren R. Kavathiya



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Certificate

Pre Thesis Submission Presentation

This is to certify that **Shah Meerababen Manishkumar** has made Pre Ph.D. presentation on the research work entitled **Development of a Model to Analyze and Interpret Vernacular Voice Recognition of Gujarati Dialects.** in the Faculty of Science, Atmiya University, Rajkot on 19/12/2024 before Departmental Research Committee for getting feedback and comments.

This is also to certify that all the suggestions and comments given by the Doctoral Progress Review Committee are incorporated. Moreover the presented research work was appreciated and recommended by all attendees.

Date: 19/12/2024

Place: Rajkot



Director

Centre for Research, Innovation & Translation

Thesis Approval Form

The Viva-Voce of the Ph.D. thesis entitled "*Development of a Model to Analyze and Interpret Vernacular Voice Recognition of Gujarati Dialects*" submitted by **Shah Meerababen Manishkumar** (Enrolment No. 211881001) was conducted on **04/01/2025 (Saturday)** at Atmiya University, Rajkot, Gujarat

Based on the Performance of the Candidate, We, the panel of examiners, recommend that
(Please tick any of the following)

1. He / She be awarded Ph.D. Degree
 2. He / She be awarded Ph.D. Degree with minor modification

Please Suggest Modification

3. The following modifications are to be incorporated in the thesis within one month and viva-voce be re-conducted by the same panel of examiners



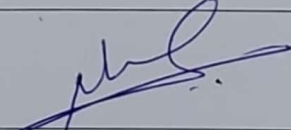
Please Suggest Modification

4. He / She should not be awarded Ph.D. Degree

Please mention Reason for Rejection

Date: 04/01/2025

Place: Rajkot

Signature			
	Research Supervisor	University Nominee	External Examiner

Declaration by Research Scholar

Submission of Thesis

I declare that the submitted thesis entitled "*Development of a Model to Analyse & Interpret Vernacular Voice Recognition of Gujarati Dialects*" incorporates

1. All the suggestions / directions / modifications / additions / deletions received from the supervisor and the external examiners through their thesis evaluation reports.
2. All the suggestions / directions / modifications / additions / deletions received from the panel of examiners during the public viva-voce (Open Defence) conducted on 08/01/2025

Date: 08/01/2025

Place: Atmiya University, Rajkot.



Signature of the Research Scholar

Meerabahen M. Shah

Acknowledgement

First and foremost, I am profoundly grateful to God for His countless blessings, guidance, and strength that have sustained me throughout this journey. Without His grace and wisdom, none of this would have been possible.

I extend my sincere thanks to **Dr. Hiren R. Kavathiya**, Assistant Registrar, Atmiya University, my esteemed PhD guide. I take this opportunity to convey gratitude for his highly valuable suggestions, encouragement and unwavering support throughout the journey of this thesis work.

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To my family, I would like to express my heartfelt gratitude for their unwavering love, support, and encouragement throughout this journey. I am deeply thankful to my grandparents, **Ramaniklal Shah** and **Lt. Shardaben Shah**, for their constant blessings, which have been a source of strength and inspiration. To my father, **Manish Shah**, and my mother, **Varsha Shah**, your love, care, and endless support have made this achievement possible. A special thanks to **Alpa Shah** for her presence and support. I am also grateful to my brother, **Jay Shah**, and my little sisters, **Radhi** and **Dharmi**, for their little yet meaningful gestures of help and their boundless love, which have brightened my path.

Lastly, I thank all those who have helped me directly or indirectly by fruitful discussions, technical advice and encouraging words at various stages of my endeavour in the successful completion of this research work.



Signature of the Research Scholar

Meerabahen M. Shah