PRESIDENCY UNIVERSITY
Private University Estd. in Karnataka State by Act No. 41 of 2013
Itgalpura, Rajanakunte, Yelahanka, Bengaluru - 560064

AI/ML SYSTEM FOR REAL-TIME 360-DEGREE GOVERNANCE FEEDBACK FROM REGIONAL INDIAN MEDIA

A PROJECT REPORT

Submitted by

KIRAN GOWDA S - 20221IST0022
RAHUL GOWDA S - 20221IST0049

Under the guidance of,

Ms. SUNITHA B.J

BACHELOR OF TECHNOLOGY

IN

INFORMATION SCIENCE AND TECHNOLOGY

PRESIDENCY UNIVERSITY

BENGALURU

DECEMBER 2025

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PRESIDENCY SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

BONAFIDE CERTIFICATE

Certified that this report "AI/ML SYSTEM FOR REAL-TIME 360-DEGREE GOVERNANCE FEEDBACK FROM REGIONAL INDIAN MEDIA" is a Bonafide work of KIRAN GOWDA S - 20221IST0022 and RAHUL GOWDA S - 20221IST0049, who have successfully carried out the project work and submitted the report for partial fulfilment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in INFORMATION SCIENCE AND TECHNOLOGY during 2025-26.

. Sunitha B.J	**Ms. Benitha Christinal J**	**Dr. Sampath A K**	**Dr. Pallavi R**
ject Guide	Program Project	**Dr. Geetha A**	Head of the Department
CS	Coordinator	School Project	PSIS
sidency University	PSCS	Coordinators	Presidency University
	Presidency University	PSCS	
		Presidency University	

Shakkeera L
sociate Dean
CS
sidency University

Dr. Duraipandian N
Dean
PSCS & PSIS
Presidency University

Name and Signature of the Examiners

1) S. Aarif Ahamed
2) Dr. M. Anand Kumar

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DECLARATION

We the students of final year B.Tech in INFORMATION SCIENCE AND TECHNOLOGY, at Presidency University, Bengaluru, named KIRAN GOWDA S, RAHUL GOWDA S, hereby declare that the project work titled "AI/ML SYSTEM FOR REAL-TIME 360-DEGREE GOVERNANCE FEEDBACK FROM REGIONAL INDIAN MEDIA " has been independently carried out by us and submitted in partial fulfillment for the award of the degree of B.Tech in INFORMATION SCIENCE AND TECHNOLOGY during the academic year of 2025-26.

This project, designated NEWS 360, involved the comprehensive and independent design, development, and rigorous evaluation of a specialized AI/ML platform centered on the Indic BERT architecture and a distributed microservices approach. Our work specifically included the implementation of the multilingual data pipeline, the fine-tuning of the dual-classification models for sentiment and ministry tagging, and the architectural modeling necessary to achieve the stringent real-time latency requirement. We confirm that all data acquisition, analysis, coding, experimental validation, and documentation presented within this report are the direct result of our original and dedicated efforts under the supervision of the faculty. We assert that due diligence was exercised to uphold the highest standards of academic honesty and research integrity throughout the project duration.

Further, the matter embodied in the project has not been submitted previously by anybody for the award of any Degree or Diploma to any other institution.

KIRAN GOWDA S USN: 20221IST0022

RAHUL GOWDA S USN: 20221IST0049

PLACE: BENGALURU

DATE: 03/12/25

ACKNOWLEDGEMENT

The completion of this project report was made possible through the support and guidance received from several esteemed individuals and institutions, to whom the authors express profound gratitude. We extend our sincere appreciation to the Chancellor, Pro-Vice Chancellor, and Registrar for ~~their~~ his continuous support and encouragement throughout the duration of this project.

The authors wish to convey sincere thanks to the internal guide, **Ms. Sunitha B.J**, Assistant Professor at the Presidency School of Computer Science and Engineering, Presidency University, for the invaluable moral support, technical direction, and timely counsel provided during the execution of this work.

Acknowledgment is also extended to **Dr. Pallavi R**, Professor and Head of the Department, Presidency School of Information Science and Technology, Presidency University, for her mentorship and departmental encouragement.

Furthermore, we express our cordial thanks to **Dr. Duraipandian N**, Dean PSCS & PSIS, **Dr. Shakkeera L**, Associate Dean, Presidency School of Computer Science and Engineering, and the Management of Presidency University for providing the requisite facilities and an intellectually stimulating environment essential for the successful completion of this project.

We are further grateful to **Dr. Sampath A K, and Dr. Geetha A**, PSCS Project Coordinators, and **Ms. Benitha Christinal J,** Program Project Coordinator, Presidency School of Computer Science and Engineering, for facilitating the problem statement, coordinating the review cycles, monitoring progress, and offering their valuable guidance.

Finally, we acknowledge the Teaching and Non-Teaching staff of the Presidency School of Computer Science and Engineering and personnel from other departments who extended their valuable help and cooperation.

Kiran Gowda S

Rahul Gowda S