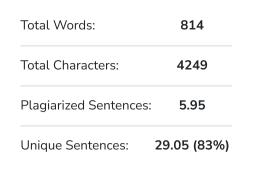
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ABSTRACTIVE TEXT SUMMARIZATION

USING LSTM BASED DEEP LEARNING

A Report Submitted

in Partial Fulfillment of the Requirements

for the Degree of

Bachelor of Technology

in

Computer Science & Engineering

by

Piyush Yadav, 20214091

Rishu Raj, 20214043

Naresh Kumar, 20214321

Rishikesh Kumar, 20214246

to the

COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY

ALLAHABAD PRAYAGRAJ

May, 2024

UNDERTAKING

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Naresh Kumar, 20214321

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Certified that the work contained in the report titled

"ABSTRACTIVE TEXT SUMMARIZATION USING LSTM

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Rishu Raj, 20214043

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Rishikesh Kumar, 20214246, has been carried out under my supervision and that this work has not been submitted elsewhere for a degree.

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(Prof. R.S. Yadav)

Computer Science and Engineering Dept.

M.N.N.I.T, Allahabad

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Preface

A good B.Tech. thesis is one that helps you in furthering your interest in a specific field of study. Whether you plan to work in an industry or wish to take up academics as a way of life, your thesis plays an important role. Your thesis should judiciously combine theory with practice. It should result in a realization of reasonably complex system (software and/or hardware). Given various limitations, it is always better to extend your predecessor's work.

iv

Acknowledgement

It is with profound gratitude that we acknowledge the giants on whose shoulders we stand. We extend our sincere appreciation to Professor R.S. Yadav for entrusting us with the opportunity to embark on this project and for his unwavering guidance and encouragement at every juncture. His sage recommendations, reassuring counsel, and meticulous scrutiny have served as wellsprings of creative inspiration and have been instrumental in the genesis of this report.

Sir's keen insight and unwavering enthusiasm for scholarly pursuits have propelled us to delve deeper into the complexities of the subject matter, both through paper consultations and engaging discussions. His enduring commitment to fostering a culture of excellence in research and his steadfast support for optimal learning outcomes have been a source of immense inspiration throughout this journey. We are also indebted to various individuals and groups who generously shared their insights and expertise, enriching our understanding of practical applications in real-world scenarios. Their willingness to impart knowledge has been invaluable in shaping the scope and depth of this endeavor.

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6 ☑

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