**COMBINING SIGNALS USING MACHINE**

**LEARNING FOR ENHANCED ALPHA**

A Major Project Report

Submitted

in

partial fulfillment

for the award of the degree

of

**Bachelor of Engineering**

**in**

**Computer Science & Engineering**

*By*

**SIDDHANT SARKAR**

**SWARNIM SHUKLA**

**SOURABH PATEL**

**RAHUL PAINKRA**

**

to the

**GOVERNMENT ENGINEERING COLLEGE, BILASPUR**

**CHHATTISGARH SWAMI VIVEKANAND TECHNICAL**

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**DECLARATION**

We the undersigned solemnly declare that the report of the project work entitled “**Conversational Question Answering Bot**” is based on our own work carried out during the course of our study under the supervision of **Asst. Prof Vishnu Verma** We assert that the statements made and conclusions drawn are an outcome of the project work.

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**CERTIFICATE**

It is certified that the work contained in the report entitled “**Conversational Question Answering Bot**” by **Siddhant Sarkar**(300702216032), **Swarnim Shukla**(300702216034), **Sourabh Patel**(300702216033), **Rahul Painkra**(300702216027) has been carried out under the supervision of **Asst. Prof Vishnu Verma** and this work has been submitted for award of the degree of Bachelor of Engineering in Computer Science & Engineering.

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**CERTIFICATE BY THE EXAMINERS**

The report entitled **“Combining Signals Using Machine Learning for Enhanced Alpha”** submitted by **Siddhant Sarkar**(300702216032), **Swarnim Shukla**(300702216034), **Sourabh Patel**(300702216033), **Rahul Painkra**(300702216027) has been examined by the undersigned as a part of the examination and is hereby recommended for the award of the degree of Bachelor of Engineering in Computer Science & Engineering to Chhattisgarh Swami Vivekanand Technical University.

Internal Examiner External Examiner

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**ABSTRACT**

People interact with systems more and more through voice assistants and chatbots. The days of solely engaging with a service through a keyboard are over. This project is aimed to implement a web-based chatbot to assist with online college queries, using tools that expose artificial intelligence methods such as natural language understanding.

It will help students get specific responses particular to their given inputs and hence to give a human feel in the responses in a proper conversational context. Allowing users to interact with the chatbot using natural language input and to train the chatbot using appropriate methods so that it will be able to generate a proper response. The chatbot will allow users to view college information all from within the chatbot.

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