VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI, KARNATAKA

A Project Work Phase-1 Report

on

"Software Cost Estimation using Back Propagation Algorithm"

Submitted in the partial fulfillment for the award of

BACHELOR OF ENGINEERING

in

INFORMATION SCIENCE AND ENGINEERING

By

Miss. Anamika Sharma	USN: 1BY18IS129
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Mr. Sudeep Rangan D R	USN: 1BY19IS162
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Under the guidance of

Mr. RAVI KUMAR B N
Asst. Professor
Dept. of ISE

BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT
YELAHANKA, BENGALURU-560064
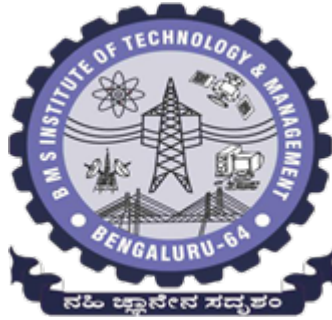**DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING**

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2022-2023

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI, KARNATAKA

BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT
YELAHANKA, BENGALURU-560064
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that the Project work Phase-1(18CSP77) entitled **"Software Cost Estimation using Back Propagation Algorith"** is a bonafide work carried out by **Miss. Anamika Sharma (1BY18IS129), Mr. Apurv Jha (1BY18IS028), Mr. Sudeep Rangan D R (1BY19IS162), Mr. Samuel Sampath Kumar (1BY19IS144)** in partial fulfillment for the award of **Bachelor of Engineering Degree in Information Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-23. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in this report. The project report has been approved as it satisfies the academic requirements with respect to project work for the B.E Degree.

Signature of the Guide
Ravi Kumar
Asst. Professor

Signature of the Coordinator
Dr. Basvaraj
Associate Professor

Signature of the HOD
Principal & Professor

Signature of the Principal
Dr. Mohan Babu G N
Principal & Professor

ACKNOWLEDGEMENT

We are happy to write a project report after completing it successfully. This project would not have been possible without the guidance, assistance and suggestions of many individuals. We would like to express our deep sense of gratitude to each and everyone who has helped us to make this project a success.

We heartily thank **Dr. Mohan Babu G. N, Principal, BMS Institute of Technology & Management** for his constant encouragement and inspiration in taking up this project.

We heartily thank **Head of the Department, Information Science and Engineering, BMS Institute of Technology& Management** for constant encouragement and inspiration in taking up this project.

We gratefully thank our project guide**, Mr. Ravi Kumar, Asst. Professor of Information Science and Engineering,** for his/her encouragement and advice throughout the course of the project work.

We heartily thank project coordinator **Dr. Basvaraj Associate professor, Dept. of Information science and Engineering,** for their constant follow-up and advice throughout the project work.

Special thanks to all the staff members of the Information Science and Engineering Department for their help and kind co-operation.

Lastly we thank our parents and friends for their encouragement and support given to us in order to finish this project work.

By

Anamika Sharma

Apurv Jha

Sudeep Rangan D R

Samuel Sampath Kumar

DECLARATION

We, hereby declare that the project phase - 1(18CSP77) titled "**Software Cost Estimation Using Back Propagation Algorithm.**" is a record of original project phase -1 work undertaken for partial fulfilment of Bachelor of Engineering in Information Science and Engineering of the Visvesvaraya Technological University, Belagavi during the year 2022- 23. We have completed this project phase - 1 work under the guidance of **Ravi Kumar, Asst. Professor.** I also declare that this project phase -1 report has not been submitted for the award of any degree, diploma, associate ship, fellowship or other titles anywhere else.

Student Photo

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Name	Anamika Sharma	Apurv Jha	Sudeep Rangan D R	Samuel Sampath Kumar

Signature

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