

DEPARTMENT OF **COMPUTER SCIENCE & ENGINEERING**

TEZPUR UNIVERSITY

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CERTIFICATE

This is to certify that Gargi Privadarshini bearing Roll no. CSB06010 and Bhaskar Chakraborty bearing Roll no. CSB06028 have prepared the report on the dissertation entitled "Clustering Gene Expression Data". This work has been done under my supervision and guidance.

The dissertation is the result of their efforts and endeavors. No part of this dissertation has been submitted elsewhere for award of any other degree.

The dissertation is found worthy of acceptance for the award of Bachelor of Technology (Computer Science and Engineering).

Date: June, 2010

(Rosy Das)

Assistant Professor, Dept. of CSE

Assistant Professor Department of Computer Science & Engg. Tezpur University



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CERTIFICATE

This is to certify that **Gargi Priyadarshini**, bearing Roll no. CSB06010 and **Bhaskar Chakraborty**, bearing Roll no. CSB06028 have completed a Thesis/ Project as required by the Department of Computer Science and Engineering, Tezpur University.

The thesis titled 'Clustering Gene Expression Data' has been done under the supervision of Ms. Rosy Das (Assistant Professor, Dept. of CSE, Tezpur University). The dissertation is satisfactory and worthy of acceptance for the award of Bachelor of Technology in Computer Science and Engineering.

(Dr. Dhruba K. Bhattacharyya) Professor and Head of Department Dept. of Computer Science and Engineering

> Head Department of Computer Science & Enge-Tezpur University



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CERTIFICATE

This dissertation entitled "Clustering Gene Expression Data", submitted by Gargi Priyadarshini and Bhaskar Chakraborty in partial fulfillment of the requirements for the degree of Bachelor of Technology (Computer Science and Engineering) at Tezpur University has been examined.

Internal Examiner Date: June, 2010

Place: Tezpur

Asso. Professor Department of Computer Science & Engs. Tezpur University

External Examiner Date: (June, 2010 Place: Tezpur

EXTERNAL EXAMINER

DECLARATION

We hereby declare that the dissertation entitled "Clustering Gene Expression Data" submitted to the Department of Computer Science and Engineering, Tezpur University has been prepared by us and no part of it has been submitted elsewhere for award of any other degree.

Gargi Priyadarshini Gargi Priyadarshini Bhaskar chakeaberty Bhaskar Chakraborty

ACKNOWLEDGEMENT

At the very outset on completion of this project titled "CLUSTERING GENE EXPRESSION DATA", we would like to express our sincere gratitude to our guide Miss Rosy Das, Assistant Professor, Department of Computer Science and Engineering, Tezpur University who has been instrumental in helping us throughout the different phases of the project. We are genuinely thankful to her for her constant vigilance and support at every step of the project, ranging from explaining the concepts and technicalities involved to constantly motivating us for the successful completion of the project. Without her guidance, the project would have never been completed.

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GARGI PRIYADARSHINI

BHASKAR CHAKRABORTY