



## Tezpur University

### Certificate

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This is to certify that Abhijeet Talukdar bearing Enrolment No.CSI12022 has prepared the dissertation report entitled “*A comparative study on the FP-Tree based rule mining algorithm*”.

The dissertation is the result of his effort and endeavors. The dissertation is found worthy of acceptance for the award of Master of Technology in Information Technology. He has worked under the supervision and guidance of Dr. Bhabesh Nath.

  
Signature of HoD

(Dr.S.M. Hazarika)

Designation:Professor

Department: CSE

Tezpur University

Head  
Department of Computer Science & IT  
Tezpur University



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This is to certify that the dissertation report entitled “ *A comparative study on the FP-Tree based rule mining algorithm* ” is submitted by Abhijeet Talukdar bearing Enrolment No.CSI12022 is an authentic research work carried out by him under my supervision and guidance for partial fulfilment of the requirements and the regulations for the award of the degree of Master of Technology with specialization “Information Technology” during the session 2012-14 at Tezpur University.

To the best of my knowledge, the matter embodied in the thesis has not been submitted to any other university/institute for the award of any Degree or Diploma.

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Signature of Supervisor

(Dr. Bhabesh Nath)

Designation: Associate Professor

Department: CSE

Tezpur University



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This dissertation entitled "*A comparative study on the FP-Tree based rule mining algorithm*" submitted by Abhijeet Talukdar, Enrolment.No. CSI12022 for partial fulfilment of the requirements for the degree of Master of Technology in Information Technology at Tezpur University has been examined by us and found to be satisfactory.

Internal Examiner

Date: 26/05/14

**Professor**

Department of Computer Science & Technology  
Tezpur University

External Examiner

Date: 26-05-14

**EXTERNAL  
EXAMINER**

## Declaration

I, Abhijeet Talukdar, hereby declare that the thesis entitled “*A comparative study on the FP-Tree based rule mining algorithm*” submitted to the Department of Computer Science and Engineering under the School of Engineering, Tezpur University, in partial fulfillment of the requirements for the award of the degree of Master of Technology is based on bonafide work carried out by me. The results embodied in this thesis have not been submitted in part or in full, to any other university or institute for award of any degree or diploma.

*Abhijeet Talukdar .*

(Abhijeet Talukdar)

## Acknowledgement

Its my great pleasure to show due regards to persons involved in bringing out successful completion of the thesis work entitled “A comparative study on the FP-Tree based rule mining algorithm” undertaken by me as a prerequisite towards partial fulfillment for the award of Master of Technology with specialization ‘Information Technology’ at Tezpur University.

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Abhijeet Talukdar