



DEPARTMENT OF  
**COMPUTER SCIENCE & ENGINEERING**  
**TEZPUR UNIVERSITY**  
NAPAAM, TEZPUR 784028  
ASSAM.

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## CERTIFICATE

This is to certify that **Dipika Boro**, bearing roll number **CSI 11018**, has carried out the work presented in this dissertation entitled “*An incremental approach for updating the FP-Tree on introduction of new transactions to the database*”. This work was done under my supervision.

The dissertation is found worthy of acceptance for the award of the degree of *Master of Technology in Information Technology*.

Date: 29<sup>th</sup> May, 2013

Place: Tezpur, Assam

A handwritten signature in blue ink, appearing to be 'B. Nath'.

Dr. Bhabesh Nath  
Associate Prof., Dept. Of CSE,  
Tezpur University



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Date: 29<sup>th</sup> May, 2013

Place: Tezpur, Assam

  
29.05.13  
Prof. Utpal Sharma  
Head, Dept. Of CSE,  
Tezpur University  
**Head**  
Department of Computer Science & Engg.  
Tezpur University




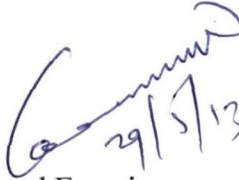
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## CERTIFICATE

This dissertation entitled “*An incremental approach for updating the FP-Tree on introduction of new transactions to the database*”, submitted by **Dipika Boro** bearing Roll No. **CSI11018** for partial fulfilment of the requirement for the degree of Master of Technology, in Information Technology, at Tezpur University, Assam, has been examined.

  
Internal Examiner  
Date: 29<sup>th</sup> May, 2013  
Place: Tezpur, Assam

  
External Examiner  
Date: 29<sup>th</sup> May, 2013  
Place: Tezpur, Assam

## DECLARATION

I hereby declare that the work presented in this project progress report entitled “*An incremental approach for updating the FP-Tree on introduction of new transactions to the database*” is an authentic record of my own work carried out under the supervision of **Dr. Bhabesh Nath**, Associate Professor, Department of Computer Science and Engineering, Tezpur University, Assam. The matter embodied in this project has not been submitted by me for the award of any other degree.

Date: 29<sup>th</sup> May, 2013

Place: Tezpur, Assam



Dipika Boro,  
CSI 11018, M.Tech (IT),  
Tezpur University, Assam

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