



DEPARTMENT OF  
COMPUTER SCIENCE & ENGINEERING

TEZPUR UNIVERSITY  
NAPAAM TEZPUR -784028 ASSAM: INDIA

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CERTIFICATE

This dissertation entitled “**Linux Kernel Tuning for Memory Management**” submitted by Paragjyoti Das and Pratyush Kumar Deba in partial fulfilment of requirements for the degree of Bachelor of Technology in Computer Science and Engineering at Tezpur University has been examined.

*[Handwritten Signature]*  
4.6.10.

Internal Examiner

Date 4.6.10.

Place Tezpur

**Asso. Professor**  
Department of Computer Science & Engg.  
Tezpur University

*[Handwritten Signature]*

External Examiner

Date 4.6.10.

Place Tezpur.

EXTERNAL  
EXAMINED



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**CERTIFICATE**

This is to certify that Paragjyoti Das (CSB06031) and Pratyush Kumar Deka (CSB06012) have completed the project as required by the Department of Computer Science and Engineering, Tezpur University. The project titled, “**Linux Kernel Tuning for Memory Management**” has been done under the supervision and guidance of Mr. Sanjib Kumar Deka, Assistant Professor, Department of Computer Science and Engineering, Tezpur University. The dissertation is satisfactory and worthy of acceptance for the award of Bachelor of Technology in Computer Science and Engineering.

(D.K. Bhattacharyya)  
Professor & Head

Department Of Computer Science & Engineering,  
Tezpur University

**Head**  
Department of Computer Science & Engg.  
Tezpur University



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Project Supervisor



03/06/10

(Mr. Sanjib Kumar Deka)  
Assistant Professor,  
Department Of Computer Science & Engineering,  
Tezpur University

**Assistant Professor**  
Department of Computer Science & Engg.  
Tezpur University

## DECLARATION

We hereby declare that the work presented in this project report entitled “**Linux Kernel Tuning for Memory Management**” in the partial fulfillment for the Degree of Bachelor of Technology submitted in the Department of Computer Science and Engineering of, Tezpur University is a record of our own work, carried out under the supervision of Mr. Sanjib Kumar Deka, Assistant Professor in the Department of Computer Science and Engineering, Tezpur University, Tezpur (Assam).

The matter presented in this report has not been submitted for the award of any other degree or diploma of this or any other University.

*Paragjyoti Das*  
(Paragjyoti Das)

*Pratyush Kumar Deka*  
(Pratyush Kumar Deka)

***This is to certify that the above statement made by the candidates is correct to the best of my knowledge.***

  
4/6/10

(Mr. Sanjib Kumar Deka)  
Assistant Professor,  
Department of Computer Science and Engineering

**Assistant Professor**  
Department of Computer Science & Engg.  
Tezpur University

## **ACKNOWLEDGEMENTS**

We are indebted to our guide Sanjib Kumar Deka for his unique insight and warm guidance. He has always been encouraging and enthusiastic and it has been a genuine pleasure working with him. Thank you Sir.

It has been a great experience working in this project. We are also indebted to our Head of Department and all the faculty members for giving us the opportunity to work on such a motivating and challenging project.

We take the opportunity to record our grateful thanks to those who helped us directly or indirectly in the project work.

We are grateful in measure beyond words to our friends and family members for their kind co-operation, best wishes and moral support during the entire period.

Paragjyoti Das (CSB06031)

Pratyush Kumar Deka (CSB06012)