



DEPARTMENT OF  
COMPUTER SCIENCE & ENGINEERING  
TEZPUR UNIVERSITY


NAPAAM, TEZPUR - 784 028  
ASSAM : INDIA

Ph. : 03712 - 267 007-009 Ext-  
Fax : 03712 - 267 005/006  
Email : @tezu.ernet.in

CERTIFICATE

This is to certify that the work presented in the report titled "**Development of Instant Messenger for mobile phones over Bluetooth**" submitted in partial fulfillment of the requirements for the degree of *Master of Computer Application*, was carried out by **Mr. Kh. Sanamani Singh**, CSM09022 under my supervision. The work has not been submitted to any other institute for the award of any other degree or diploma.

Date: 01.06.2012  
Place: Tezpur University, Tezpur

  
1/06/2012  
Mr. L. Basantakumar Singh,  
Assistant Professor,  
Department of CSE,  
Tezpur University




DEPARTMENT OF  
COMPUTER SCIENCE & ENGINEERING  
TEZPUR UNIVERSITY

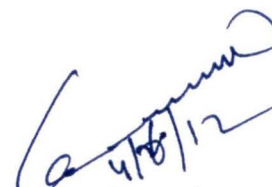
NAPAAM, TEZPUR - 784 028  
ASSAM : INDIA

Ph. : 03712 - 267 007-009 Ext-  
Fax : 03712 - 267 005/006  
Email : @tezu.ernet.in

CERTIFICATE

This dissertation entitled "*Development of Instant Messenger for mobile phones over Bluetooth*" submitted by Mr. Kh. Sanamani Singh in partial fulfillment of requirements for the degree of Master of Computer Application (MCA) of Tezpur University has been examined.

  
Professor  
Internal Examiner  
Date: 04/06/12  
Place: Tezpur University, Tezpur  
Department of Computer Science & Engg.  
Tezpur University

  
4/6/12

External examiner  
Date:  
Place: Tezpur University, Tezpur

**EXTERNAL  
EXAMINER**



DEPARTMENT OF  
**COMPUTER SCIENCE & ENGINEERING**  
**TEZPUR UNIVERSITY**

TEZPUR 784028  
ASSAM.

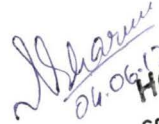
Ph. : 03712-267007-009 Ext-  
Fax. : 03712-267005/006  
Email : @tezu.ernet.in

---

## CERTIFICATE

This is to certify that the work presented in the report titled "***Development of Instant Messenger for mobile phones over Bluetooth***" submitted in partial fulfillment of the requirements for the degree of *Master of Computer Application*, was carried out by **Mr. Kh. Sanamani Singh**, CSM09022. The work has not been submitted to any other institute for the award of any other degree or diploma.

Dated: 04.06.12.

  
04.06.12  
**Head**  
Department of Computer Science & Engg.  
Tezpur University

**Dr. Utpal Sharma,**  
**Head of the Department,**  
**Department of CSE,**  
**Tezpur University**

## DECLARATION

I hereby declare that the dissertation entitled "**Development of Instant Messenger for Mobile Phones over Bluetooth** " submitted to the Department of Computer Science & Engineering, Tezpur University is prepared by me and was not submitted to any other institution for award of any other degree.

Dated: 04.06.2012

*Kh. Sanamani Singh*  
Kh Sanamani Singh  
Enrollment no CSM09022  
Department of CSE  
Tezpur University

## **ACKNOWLEDGEMENT**

This work was carried out under the supervision of **Mr. L. Basantakumar Singh**, Assistant Professor, Department of Computer Science and Engineering, Tezpur University. I express my sincere thanks and gratitude to him for his guidance and invaluable help during the preparation of this project.

I am also thankful to **Dr. Utpal Sharma**, Associate Professor, Head of the Department of Computer Science and Engineering for allowing me to carry out the project.

Finally, I have to thank my parents and family members for their constant support and help. Without them it is not possible for me to reach the goal.

**Kh. Sanamani Singh**  
**MCA 6<sup>th</sup> Semester**  
**CSM09022**  
**Department of CSE**  
**Tezpur University**