CSIR Centre for Mathematical Modelling and Computer Simulation

(Council of Scientific & Industrial Research)

NAL Belur Campus, Bangalore - 560 037, India

C-MMACS

CERTIFICATE

This is to certify that the project report entitled *"DEVELOPMENT OF SOFTWARE PLATFORM FOR MULTI FORMAT DATA ANALYSIS AND VISUALIZATION"* submitted by **Birinchi Kumar Dutta, Mancha Jyoti Malakar, Manikankana Dihingia, Pinku Boruah & Shravanti Das** in partial fulfillment of the requirements for the award of the degree of **MASTER OF COMPUTER APPLICATION** from **TEZPUR UNIVERSITY,** is a bona fide record of the work carried out at the **CSIR Centre for Mathematical Modelling and Computer Simulation (CSIR C-MMACS),** NAL Belur Campus, Bangalore-37 from 17.01.2012 to 15.05.2012 under our supervision and guidance.

Dr. Prashant Goswami
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CERTIFICATE

This is to certify that **Birinchi Kumar Dutta** (CSM09009), **Mancha Jyoti Malakar** (CSM09011), **Manikankana Dihingia** (CSM09012), **Pinku Boruah** (CSM09018) and **Shravanti Das** (CSM09033) has prepared the dissertation report entitled **"Development of Software Platform for Multi-format Data Analysis and Visualization"**. This work was done under my supervision and guidance.

The dissertation is the result of their efforts and endeavors. The dissertation is found worthy of acceptance for the completion of their major project in **Master of Computer Application (MCA).**

DATE : 01.06.2012

PLACE : TEZPUR

(Prof. Smriti Kumar Sinha)

Professor, Dept of CSE

Tezpur University

CERTIFICATE

This dissertation entitled **"Development of Software Platform for Multi-format Data Analysis and Visualization"** submitted by **Birinchi Kumar Dutta** (CSM09009), **Mancha Jyoti Malakar** (CSM09011), **Manikankana Dihingia** (CSM09012), **Pinku Boruah** (CSM09018) and **Shravanti Das** (CSM09033) for the completion of their major project in **Master of Computer Application (MCA)** has been examined.

INTERNAL EXAMINER

DATE :

PLACE : TEZPUR

EXTERNAL EXAMINER

DATE :

PLACE : TEZPUR

DECLARATION

We, **Birinchi Kumar Dutta** (CSM09009), **Mancha Jyoti Malakar** (CSM09011), **Manikankana Dihingia** (CSM09012), **Pinku Boruah** (CSM09018) and **Shravanti Das** (CSM09033) hereby declare that the dissertation work entitled **"Development of Software Platform for Multi-format Data Analysis and Visualization"** submitted to the **Department of Computer Science & Engineering, Tezpur University** is prepared by us and was not submitted to any other institution for award of any other degree.

Birinchi Kumar Dutta

(CSM09009)

Mancha Jyoti Malakar

(CSM09011)

Manikankana Dihingia

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DATE :

PLACE : TEZPUR

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"Hard work alone doesn't bear fruit, but it is only hard work under

Expert guidance which does"

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Birinchi Kumar Dutta
Mancha Jyoti Malakar
Manikankana Dihingia
Pinku Boruah
Shravanti Das