

15th May 2013

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Pratap Chandra Ghosh** has been part of our ‘**R&D team**’ as an “**Intern**” since January 2, 2013.

Pratap has successfully completed his internship on the topic ‘**Software AG Upgrade Framework**’ under the efficient guidance of **Rinku Hazarika**.

We wish him all the best in his future endeavours.

for **Software AG Bangalore Technologies India Pvt. Ltd.**



Shanthi Narayanan
Manager – Human Resources



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This is to certify that **Pratap Chandra Ghosh (CSM10002)** has prepared the dissertation report entitled "**Software AG Upgrade Framework**". This work was done under my supervision and guidance.

The dissertation is the result of his effort and endeavors. The dissertation is found worthy of acceptance for the award of the degree of **Master of Computer Application in Computer Science and Engineering**.

Date: 30-05-2013

Place: Tezpur

A handwritten signature in black ink, appearing to read 'Sarma'.

(Dr. Nityananda Sarma)

Professor, Dept. of CSE
Tezpur University



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This is to certify that **Pratap Chandra Ghosh (CSM10002)** has prepared the dissertation report entitled "**Software AG Upgrade Framework**". This work was done under supervision and guidance of **Dr.Nityananda Sarma** and *Rinku Hazarika*

The dissertation is the result of their effort and endeavours. The dissertation is found worthy of acceptance for the award of the degree of **Master of Computer Application in Computer Science and Engineering**.

Date: *01.06.13.*

Place: *Tezpur*

Sharma
01.06.13.

(**Dr.Utpal Sharma**)

Professor, HOD,
Dept. of CSE, Tezpur University



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This is to certify that the work presented in the report entitled “**Software AG Upgrade Framework**” submitted in the partial fulfillment of the requirement for the degree of **Master of Computer Application (MCA)** carried out by **Pratap Chandra Ghosh (CSM10002)** has been examined.

Date:

Place: Tezpur University

Pratap Chandra Ghosh
01/06/2013
External Examiner

DECLARATION

We hereby declare that the dissertation work entitled “**Software AG Upgrade Framework**”, submitted to the **Department of Computer Science and Engineering, Tezpur University** is prepared by me and was not submitted to any other institution for award of any other degree.

Date: 1/6/2013

Place: Tezpur

Pratap chandra Gosh

Acknowledgement

A major project is a golden opportunity for learning and self-development. I consider myself very lucky and honoured to have so many wonderful people lead me through in completion of the project.

My grateful thanks to Rinku Hazarika sir and Sanjan Bora sir, who in spite of being extraordinarily busy with his duties, took time out to hear, guide and keep me on the correct path. I do not know where I could have been without him.

Last but not the least there were so many who shared valuable information that helped in the successful completion of this project.

Pratap Chandra Ghosh