PROJECT REPORT

ON

TRANSLITERATION BASED ON PATTERNS

SUBMITTED IN PARTIAL FULFILLMENT FOR THE 6th SEMESTER PROJECT

MASTER OF COMPUTER APPLICATIONS

UNDER THE GUIDANCE OF

Academic Guide	**Organizational Guide**
Dr Bhogeswar Borah	Chandan Bagawati
Asociate Professor	Senior Softeware Engineer
Department of Comp Sc and Eng,	Reverie Language Technologies
Tezpur University, Tezpur	Bangalore

SUBMITTED BY

Tinku moni Kakoti (CSM11003)

&

Tara Devi (CSM11047)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TEZPUR UNIVERSITY

To,   15th May, 2014

The Head of the Department,
Department of Computer Science & Engineering,
Tezpur University,
Napaam, Sonitpur,
Assam-784028.

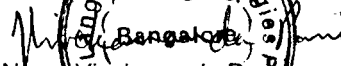Subject: Internship Letter of Miss Tara Devi.

Dear Sir,

This is to certify that Miss Tara Devi, a 6th semester MCA (Master of Computer Application) student of your esteemed university has successfully completed her internship with Reverie Language Technologies Pvt.Ltd in the month of May 2014.
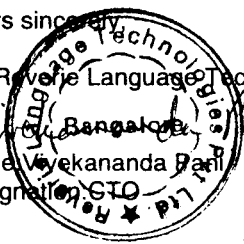
Miss Devi did her internship in the field of transliteration and worked on 'Transliteration Based on Patterns' as part of her internship program with us.

During the period of internship, Miss Devi demonstrated excellent ability to adapt, learn and execute the task assigned to her. She also demonstrated high level of sincerity and professionalism. We are satisfied with the work done by her at Reverie and also recommend her strongly.

Yours sincerely,

For Reverie Language Technologies Private Limited

Name: Vivekananda Pani
Designation: CTO

To,   15th May, 2014

The Head of the Department (H.O.D),
Department of Computer Science & Engineering,
Tezpur University,
Napaam, Sonitpur,
Assam-784028.

Subject: Internship Letter of Mr. Tinku moni Kakoti

Dear Sir,

This is to certify that Mr. Tinku moni Kakoti, a 6th semester MCA (Master of Computer Application) student of your esteemed university has successfully completed his internship with Reverie Language Technologies Pvt.Ltd in the month of May 2014.

Mr. Kakoti did his internship in the field of transliteration and worked on 'Transliteration Based on Patterns' as part of his internship program with us.

During the period of internship, Mr. Kakoti demonstrated excellent ability to adapt, learn and execute the task assigned to him. He also demonstrated high level of sincerity and professionalism. We are satisfied with the work done by him at Reverie and also recommend him strongly.

Yours sincerely,

For Reverie Language Technologies Private Limited

Name:Vivekananda Pani
Designation:CTO

Reverie Language Technologies Pvt. Ltd.
#118/6B, LPS Complex, 1st Floor,
Harlur Main Road, Bengaluru - 560102

CERTIFICATE

Date: 14 / 5 / 14

This is to certify that the project entitled "**TRANSLITERATION BASED on PATTERN**" has been done by **Tinku moni Kakoti** bearing Roll No **CSM11003** and **Tara Devi** bearing Roll No **CSM11047** as a Major Project, under my guidance, which is a part of partial fulfillment of the 6th semester of Master of Computer Application under Department of computer science & Engineering, Tezpur University, during the academic year of January, 2014 to May, 2014 and is submitted to Department of CSE.

Chandan Bhagabati
(Signature of supervisor)

Mr. Chandan Bhagabati
Technical Manager (Applications)
Reverie Language Technologies Pvt. Ltd.

DEPARTMENT OF
COMUTER SCIENCE & ENGINEERING
TEZPUR UNIVERSITY
NAPAAM, TEZPUR – 784028
ASSAM: INDIA

Ph.   : 03712-275355
Email: bgb@tezu.ernet.in

Certificate

This is to certify that the project **"TRANSLITERATION BASED ON PATTERNS"** for **Reverie Language Technology,** is a bonafide work carried out by Tinku moni Kakoti bearing roll no:CSM11003 and Tara Devi bearing roll no:CSM11047 student of 6th semester MCA programme. They have done their project under my guidance to the best of my knowledge.

The project work has been prepared as a fulfillment of the requirement for the degree of MCA to be awarded by the Tezpur University. This work has not been submitted earlier for any other academic activity.

During the period of their project work, they have been found to be sincere and hardworking.

I wish them all success in life.

Academic Guide
(Dr. Bhogeswar Borah)
Associate Professor
Department of Computer Science & Engineering,
Tezpur University

Date: 23/05/2014

Place: Tezpur University, Tezpur

Certificate of Acceptance

This is to certify that **Tinku moni Kakoti** (CSM11003) and **Tara Devi** (CSM11047) of Computer Science & Engineering Department of Tezpur University has worked under the supervision of **Mr. Chandan Bhagawati** of Reverie Language Technologies and **Dr. Bhogeswar Borah** of Tezpur University and has successfully completed the project entitled **"TRANSLITERATION BASED ON PATTERNS"**.

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 :

PLACE : TEZPUR

(Dr. SHYAMANTA M HAZARIKA)

Professor, HOD Dept of CSE

Tezpur University

DECLARATION

We, hereby declare that the project work entitled "**Transliteration Based on Patterns**" for **Reverie Language Technologies**, submitted to the **Department of Computer Science and Engineering, Tezpur University** is an authentic work developed by us under the guidance of our academic guide Dr. Bhogeswar Borah, (Associate Professor, Department of Computer Science and Engineering) and organizational guide Mr. Chandan Bhagawati, Senior Software Engineer, Reverie Language Technologies, submitted in partial fulfillment of the requirements for the 6th semester major project and was not submitted to any other institution for award of any other degree.

Date: 26-5-2014
Tezpur

TINKU MONI KAKOTI(CSM11003)

TARA DEVI(CSM11047)

M.C.A. (6th sem)

Tezpur University

CERTIFICATE

This project entitled **"TRANSLITERATION BASED ON PATTERN"** submitted by Tinku moni Kakoti (CSM11003) and Tara Devi (CSM11047) for the completion of their major project in **Master of Computer Application (MCA)** has been examined.

(INTERNAL EXAMINER)

DATE : 26.05.14.

PLACE : TEZPUR

(EXTERNAL EXAMINER)

DATE : EXTERNAL EXAMINER

PLACE : TEZPUR

ACKNOWLEDGEMENT

We would like to take this opportunity to express our profound sense of gratitude and respect to all those who helped us throughout the duration of this project. We express our sincere gratitude and thankfulness towards our organizational guide **Mr. Chandan Bhagawati, Senior Software Engineer, Reverie Language Technologies** and our academic guide **Dr. Bhogeswar Borah, Associate Professor, Department of Computer Science and Engineering,** of Tezpur University for their valuable time and guidance.

We, would like to take the opportunity to offer our heart full thanks and sincere gratitude Mr Vivekananda Pani, CTO, Reverie Language Technologies, Arvind Pani CEO ,Reverie Language Technologies for giving us chance to do project in their organization. We would like to thank Mr Pranjal Nayak , Mr Prantik Nayak, Bhupen Chauhan for their immense help.

And we would like to express our thanks to all our friends who help us a lot in giving some ideas and concepts regarding theory of transliteration.

Above all, we are extremely thankful to God for giving us the ability and endurance for completing this project.

We regret any inadvertent omissions.

Tinku moni Kakoti (CSM11003)
Tara Devi (CSM11047)
6th semester, M.C.A.
Tezpur University