Department of Computer Science & Engineering
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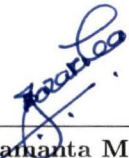### Napaam, Tezpur- 784028, Assam, India.

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CERTIFICATE

This is to certify that the thesis entitled *"A Probabilistic QSTR Framework for Learning Spatio-temporal Patterns "* submitted by **Upasana Talukdar** bearing Roll No: **CSI-11009** is an authentic research work carried out by her under my personal supervision and guidance for partial fulfilment of the requirements and the regulations for the award of the degree of *Master of Technology* in *'Information Technology'* during the session 2011-13 at Tezpur University, Tezpur.

To the best of my knowledge, the matter embodied in the thesis has not been reproduced elsewhere or submitted to any other university/institute for the award of any Degree or Diploma.

Date : 28/05/2013
Place: Tezpur

Prof Shyamanta M Hazarika
Professor,
Department of Computer Science & Engineering,
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CERTIFICATE

This is to certify that **Upasana Talukdar** bearing Roll No: **CSI-11009** has prepared the thesis entitled *"A Probabilistic QSTR Framework for Learning Spatio-temporal Patterns"*.

The thesis is the result of her effort and endeavors. She has worked under the supervision and guidance of **Shyamanta M Hazarika**, Professor, Department of Computer Science & Engineering, Tezpur University. The thesis is found worthy of acceptance for the award of the degree of *Master of Technology* in *'Information Technology'* during the session 2011-13 at Tezpur University.

Date : 29 / 05 / 2013
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The thesis entitled *"A Probabilistic QSTR Framework for Learning Spatio-temporal Patterns"* submitted by **Upasana Talukdar** bearing Roll No: **CSI-11009** for partial fulfillment of the requirements for the degree of *Master of Technology* in *'Information Technology'* at Tezpur University has been examined.

Internal Examiner

Date : 29/05/2013
Place: Tezpur

External Examiner

Date : __/___/____
Place: Tezpur

DECLARATION

I hereby declare that the thesis entitled *"A Probabilistic QSTR Framework for Learning Spatio-temporal Patterns"* submitted for partial fulfillment of the requirements and the regulations for the award of the degree of *Master of Technology* in *'Information Technology'* during the session 2011-13 at Tezpur University.

The thesis is prepared by me and has not been submitted to any other university/institute for the award of any Degree or Diploma.

Date : 28 / 05 / 2013
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<div align="right">

Upasana Talukdar(CSI-11009)

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