



Supervisor Certificate

Dr. Shyamanta M. Hazarika
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This is to certify that the matter embodied in the thesis entitled **Representation and Recognition of Motion Patterns Using A Qualitative Language based Framework**, submitted by Rupam Baruah for the award of degree of Doctor of Philosophy of Tezpur University is a record of bona-fide research work carried out by him under my supervision and guidance. The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

Place: Tezpur

(Dr. Shyamanta M. Hazarika)

Date:



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CERTIFICATE

This is to certify that the thesis entitled **Representation and Recognition of Motion Patterns Using A Qualitative Language based Framework**, submitted to the Tezpur University in the Department of Computer Science and Engineering under the School of Engineering, in partial fulfillment for the award of the Degree of Doctor of Philosophy, has been examined by us on and found to be satisfactory.

The committee recommends for the award of the degree of Doctor of Philosophy.

Supervisor

External Examiner

Date:

Date: