

Dedicated

To my beloved parents, Husband and Daughter.



Declaration

I declare that this written submission represents my ideas in my own words and where others ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

Date: 10th June 2024

Margaret Kathing

Roll No. CSP19112



Certificate of Supervisor

This is to certify that the thesis entitled *Vision-Based Gait Analysis for human identification with covariate conditions* submitted to Tezpur University in the Department of Computer Science and Engineering under the School of Engineering in partial fulfillment of the requirements for the award of the degree of Doctor of Philosophy in Computer Science and Engineering is a record of research work carried out by Mrs Margaret Kathing under my personal supervision and guidance.

All helps received by him from various sources have been duly acknowledged.

No part of this thesis has been reproduced elsewhere for the award of any other degree or diploma.

Signature of Research Supervisor

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School: Engineering

Department: Computer Science and Engineering

Date: 10th JUNE 2024

Place: Tezpur



Certificate

This is to certify that the thesis entitled "**Vision-Based Gait Analysis for human identification with covariate conditions**" submitted by **Margaret Kathing** to Tezpur University in the Department of Computer Science and Engineering under the School of Engineering in partial fulfillment of the requirements for the award of the degree of Doctor of Philosophy in Computer Science and Engineering has been examined by us on 10.06.2024 and found to be satisfactory.

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

Signature of Principal Supervisor

Signature of External Examiner

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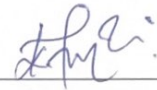
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