

Pattern Recognition Methods in Brain-Computer Interfaces Based on Motor Imagery and Steady-State Visual Evoked Potentials Electroencephalogram



Thesis submitted in partial fulfillment
for the Award of Degree

Doctor of Philosophy

by

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March, 2021

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It is certified that the work contained in the thesis entitled "*Pattern recognition methods in brain-computer interfaces based on motor imagery and steady-state visual evoked potentials electroencephalogram*" by "*Nitesh Singh Malan*" has been carried out under my supervision and that this work has not been submitted elsewhere for a degree.

It is further certified that the student has fulfilled all the requirements of Comprehensive, Candidacy and SOTA.

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DECLARATION BY THE CANDIDATE

I, **Nitesh Singh Malan**, certify that the work embodied in this thesis is my own bona fide work and carried out by me under the supervision of **Dr. Shiru Sharma** from January 2017 to March 2021 at the School of Biomedical Engineering, Indian Institute of Technology (Banaras Hindu University), Varanasi. The matter embodied in this thesis has not been submitted for the award of any other degree/diploma.

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It is certified that the above statement made by the student is correct to the best of our knowledge.

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