

**JADAVPUR UNIVERSITY**

**MASTER DEGREE THESIS**

**BRAIN MR IMAGE SEGMENTATION USING TYPE 2 FUZZY LOGIC**

A thesis is submitted in partial fulfilment of the requirements for the degree of

**Master of Technology in Computer Technology**

in the

**Department of Computer Science and Engineering**

**By**

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**Certificate of Recommendation**

This is to certify that Swaroop Acharjee (Registration No:, Roll No: ) has completed his dissertation entitled “**Brain MR Image segmentation using Type-2 fuzzy logic**”, under the supervision and guidance of Prof. (Dr.) Jamuna Kanta Sing, Department of Computer Science and Engineering, Jadavpur University, Kolkata and is being presented for the partial fulfillment of the degree of Master of Engineering in Computer Science and Engineering, Jadavpur University, Kolkata – 700032 during the academic year of 2020-21.

Prof. (Dr.) Jamuna Kanta Sing  
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**Certificate of Approval\***

The foregoing thesis is hereby approved as a creditable study of Master of Engineering in Computer Science and Engineering and presented in a manner satisfactory to warrant its acceptance as a prerequisite to the degree for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion therein but approve this thesis only for the purpose for which it is submitted.

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I hereby declare that this thesis contains literature survey and original research work by the undersigned candidate, as a part of his Master of Engineering in Computer Science and Engineering.

All the information is this document has been obtained and presented in accordance with academic rules and ethical conduct.

I also declare that, as required by these rules and conduct, I have fully cited and referenced all material and results that are not original to this work.

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**ABSTRACT**