JADAVPUR UNIVERSITY

**BRAIN MR IMAGE SEGMENTATION USING RBF NEURAL NETWORK**

BY

**SHRUTI PATHAK**

CLASS ROLL NO.: **002210503021**

EXAM ROLL NO.: **MCA**

REGISTRATION NO.: **163613 of 2022 - 2023**

Under the supervision of

**Prof. ( Dr. ) Jamuna Kanta Sing**

Project submitted in partial fulfillment for the Degree of

**MASTER OF COMPUTER APPLICATION**

In 2024

In the

Department of Computer Science & Engineering

**FACULTY OF ENGINEERING & TECHNOLOGY**

**FACULTY OF ENGINEERING & TECHNOLOGY**

**JADAVPUR UNIVERSITY**

**To whom it may concern**

I hereby recommend that the project **“BRAIN MR IMAGE SEGMENTATION USING RBF NEURAL NETWORK”** has been

carried out by **SHRUTI PATHAK** (Registration No.: 163613 of 2022 - 2023, Class Roll No.: 002210503021, Exam Roll No.: MCA ) under my guidance and supervision and be accepted in partial fulfillment of the requirement for the degree of **MASTER of COMPUTER APPLICATION** in **DEPARTMENT of COMPUTER SCIENCE and ENGINEERING**, **JADAVPUR UNIVERSITY**, during the academic year 2023-2024.

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**CERTIFICATE OF APPROVAL**

This is to certify that the project entitled “**BRAIN MR IMAGE SEGMENTATION USING RBF NEURAL NETWORK**” is a bonafide record of work carried out by **SHRUTI PATHAK**  in partial fulfillment of the requirements for the award of the degree of **MASTER of COMPUTER APPLICATION** in the **DEPARTMENT of COMPUTER SCIENCE & ENGINEERING**, **JADAVPUR UNIVERSITY**. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein but approve the project work only for the purpose for which it has been submitted.

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Signature of Examiner 1 Signature of Examiner 2

Date : Date :

**DECLARATION OF ORIGINALITY AND COMPLIANCE OF ACADEMIC PROJECT**

I hereby declare that this thesis work holds literature survey and original research work by the undersigned candidate, as a student of **MASTER OF COMPUTER APPLICATION.**  All the information in this document have 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 the material results that are not original to this work.

**NAME:** SHRUTI PATHAK

**EXAMINATION ROLL NUMBER:**

**PROJECT TITLE:** BRAIN MR IMAGE SEGMENTATION USING RBF NEURAL NETWORK

**SIGNATURE WITH DATE:**

**ACKNOWLEDGEMENT**

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