**“Digital Analysis Of Brain Tumor Using Image Processing and**

**Machine learning”**

*A project report submitted for the partial fulfillment of academic*

*requirements for the award of Degree*

*in*

**BACHELOR OF ENGINEERING**

**in the Department of**

**INFORMATION SCIENCE & ENGINEERING**

Major Project Phase-1 (IS7C04)

Submitted by

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Under the supervision of

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| **Department of Information Science & Engineering**  **The National Institute of Engineering**  (An Autonomous Institute under Visvesvaraya Technological University, Belagavi)  Manandavadi Road, Mysuru 570 008, Karnataka, INDIA |

**A.Y. 2022-23**

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| **The National Institute of Engineering**  (An Autonomous Institute under Visvesvaraya Technological University, Belagavi) Manandavadi Road, Mysuru–570008, Karnataka, India  • Recognized by AICTE, New Delhi  • Accredited by National Board of Accreditation, New Delhi  • Grant-in-Aid by Government of Karnataka |
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| **CERTIFICATE**  **Rajath D 4NI20IS082**  **Rajendra Prasad HS 4NI20IS082**  **Suhas NI 4NI20IS113**  **U Karthik 4NI20IS121** | | |
| Certified that the project work entitled “**Digital Analysis of Brain Tumor Using Image Processing and Machine learning**” carried out by above students of 7th Semester is submitted in partial fulfillment as part of **Major Project phase-1** for the award of Bachelor of Engineering Degree in Information Science and Engineering of **The National Institute of Engineering, Mysuru,** an autonomous institute under Visvesvaraya Technological University, Belagavi during the academic year 2022-2023. It is certified that all suggestions/ corrections suggested during Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project Work prescribed for the award of the said Degree. | | |
| **Guide Signature** | **HoD. Signature** | **Principal Signature** |

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| **Dr. Bhat Geetalakshmi Jairam** | **Dr. Girish,** | **Dr.Rohini Nagapadma,** |
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**Viva-Voce:**

**Name of the Examiners Signature with Date**

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**DECLARATION**

We, Rajath D bearing USN: 4NI20IS082, bearing Rajendra Prasad HS USN: 4NI20IS083, Suhas NI bearing USN: 4NI20IS113, U Karthik bearing USN: 4NI20IS121 students of 7th semester of UG program, Department of Information Science and Engineering, The National Institute of Engineering, Mysuru hereby declare that the project work entitled “**Digital Analysis Of Brain Tumor Using Image Processing and Machine learning**” has been carried out by us under the guidance of **Dr. Bhat Geetalakshmi Jairam**, Professor, Department of I.S.&E.This project work is submitted to **The National Institute of Engineering**, Mysuru, (An Autonomous institute under VTU, Belagavi) in partial fulfillment of the **Major Project phase-1** requirements for the award of degree in Information Science & Engineering during the academic year 2022-2023. This written submission represents a record of original work and I have adequately cited and referenced the original sources.

Further the matter embodied in this thesis has not been submitted to any other University or Institution for the award of any degree.

Place: Mysuru

Date: 30-12-2023

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