VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"Jnana Sangama", Belagavi-560014, Karnataka

"BRAIN TUMOR DETECTION USING DEEP LEARNING"

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE & ENGINEERING

Submitted By

GIRISHA V	**[1SV20CS011]**
EMILY LAURA	**[1SV20CS009]**
USHA BN	**[1SV20CS053]**
RAHUL KUMBAR	**[1SV20CS035]**

Under the guidance of
Mrs. Rashmi N B.E., M.Tech,

Assistant Professor,

Dept. of CSE, SIET, Tumakuru

SHRIDEVI
EDUCATION

Department of Computer Science and Engineering

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Affiliated To Visvesvaraya Technological University)
Sira Road, Tumakuru – 572106, Karnataka.
2023-2024

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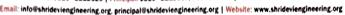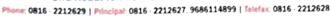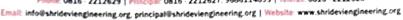Sira Road, Tumakuru – 572106, Karnataka.
2023-2024

Sri Shridevi Charitable Trust (R.)

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SHRIDEVI
E D U C A T I O N

ESTD: 2002

20 YEARS

(Approved by AICTE, New Delhi, Recognised by Govt. of Karnataka and Affiliated to Visvesvaraya Technological University, Belagavi)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that, The Project work entitled "BRAIN TUMOR DETECTION USING DEEP LERANING" has been Successfully carried out by GIRISHA V[1SV20CS011], EMIILY LAURA [1SV20CS009],USHA BN[1SV20CS053], RAHUL KUMBAR [1SV20CS035] in partial fulfillment for the award of **Bachelor of Engineering** in **Computer Science & Engineering** of the **Visvesvaraya Technological University, Belagavi** during the academic year **2023-24.** It is certified that all the corrections/suggestions indicated for internal assessments have been incorporated in the report. The Project report has been approved as it certifies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

Signature of Guide
Mrs. Rashmi N BE.,M.Tech.,
Assistant Professor
Dept. of CSE,
SIET, Tumakuru.

Signature of H.O.D
Dr. Basavesha D BE.,M.Tech.,PhD
Associate Professor & HOD
Dept. of CSE,
SIET, Tumakuru.

Signature of Principal

Dr.Narendra Viswanath M.E., Ph.D., MIE, MISTE, MIWS., FIV.,
Principal, SIET, Tumakuru

External Viva

Name of the Examiners

1. Dr. Basavesha D

2. ....

Signature with date

..........29/1/24.......

..........29/5/24.......

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DECLARATION

We, GIRISHA V [1SV20CS011],EMILY LAURA [1SV20CS009],USHA BN[1SV20CS053], RAHUL KUMBAR[1SV20CS035] student of VIII semester **B.E** in Computer Science & Engineering, at Shridevi Institute of Engineering & Technology, Tumakuru, here by declare that, the Project work entitled "BRAIN TUMOR DETECTION USING DEEP LEARNING" embodies the report of our Project work carried out under the guidance of **Mrs. Rashmi N, Assistant Professor, Department of CSE, SIET,Tumakuru** as partial fulfillment of requirements for the award of degree in **Bachelor of Engineering in Computer Science & Engineering of Visvesvaraya Technological University, Belagavi**, during the academic year **2023-24**. The Project has been approved as it satisfies the academic requirements in respect to the Project work.

Place: Tumakuru
Date: 28/05/2024

Student Name & Signature

GIRISHA V	[1SV20CS011]	
EMILY LAURA	[1SV20CS009]	
USHA BN	[1SV20CS053]	
RAHUL KUMBAR	[1SV20CS035]	

BONAFIDE CERTIFICATE

This is to certify that the Project work entitled "BRAIN TUMOR DETECTION USING DEEP LEARNING" is a bonafide in the work of, GIRISHA V [1SV20CS011],EMILY LAURA [1SV20CS009],USHA BN[1SV20CS053], RAHUL KUMBAR[1SV20CS035] of VIII semester of **B.E** in Computer Science and Engineering carried out at Shridevi Institute of Engineering and Technology in partial fulfillment of requirements for the award of **Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belagavi** under my supervision and guidance. Certified to the best of my knowledge the work reported here is not a part of any other thesis on the basis of which degree or award was conferred on earlier occasion to these or any other candidates.

Guide:

Mrs. Rashmi N B.E., M.Tech.,

Assistant Professor

Dept of CSE, SIET, Tumakuru

ACKNOWLEDGEMENT

This Project will be incomplete without thanking the personalities responsible for this venture, which otherwise would not have become a reality.

We express our profound gratitude to **Dr. Narendra Viswanath,** Principal, S.I.E.T, for his moral support towards completing our Project work.

We would like to thank Head of Department **Dr. Basavesha D** Head, Department of CSE, SIET for providing all the support and facility.

We would like to thank my guide **Mrs. Rashmi N** Assistant Professor, Department of Computer Science and Engineering, SIET for her help, sharing her technical expertise and timely advice.

We would like to thank my Project Coordinator **Dr. Girish L** Associate Professor, Head, Department of AI & DS and **Mrs. Rashmi N** Assistant Professor, Department of Computer Science and Engineering, SIET for providing all the support and faculty.

We would like to express our sincere gratitude to all teaching and non-teaching faculty of the department of CSE for guiding us of this project by giving valuable suggestion and encouragement.

By,

GIRISHA V   [1SV20CS011]
EMILY LAURA   [1SV20CS009]
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RAHUL KUMBAR   [1SV20CS035]