VISVESVARAYA TECHNOLOGICAL UNIVERSITY

'JNANA SANGAMA' BELAGAVI-590 014, KARNATAKA

SEMINAR REPORT

ON

"Performance of Medical Image Processing Algorithms Implemented in CUDA Running on GPU based Machine"

**SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR THE AWARD OF THE DEGREE,**

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE & ENGINEERING

Submitted By

B R NITHYASHREE

[1CG15CS011]

Under the guidance of:

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(Affiliated to Visvesvaraya Technological University, Belagavi & Recognized by AICTE New Delhi)

2018-19

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

<u>CERTIFICATE</u>

This is to certify that the internship work entitled **"Performance of Medical Image Processing Algorithms Implemented in CUDA Running on GPU based Machine"** has been successfully carried out by **B R NITHYASHREE [1CG15CS011],** bonafide student of **CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, GUBBI, TUMAKURU,** under our supervision and guidance and submitted in partial fulfillment of the requirements for the award of Degree in **Bachelor of Engineering** by **Visvesvaraya Technological University, Belagavi** during the academic year of 2018–2019. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The internship report has been approved as it satisfies the academic requirements for the above said degree.

Guide: **H.O.D:**

Chetan Balaji, M.tech   **Dr. Shantala C P, Ph.D**
Prof & Head, Dept. of CSE,   Prof & Head, Dept. of CSE,
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Principal: **Examiners:**

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                                                    B R NITHYASHREE   (1CG15CS011)