**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

JNANA SANGAMA, BELGAUM-590014



**A PROJECT REPORT ON**

**“Reconfigurable Computing for Naval Application”**

Submitted in partial fulfillment of the requirements for the award of the degree of Bachelor of Engineering

In

Electronics & Communication Engineering

Submitted by:

Akshay Kumar C (1PI12EC005)

Avani S Rao (1PI12EC016)

Kishan A V (1PI12EC049)

Under the guidance of:

Dr. Vijay Holimat

Professor, Dept. Of ECE



Department of Electronics & Communication Engineering

PES Institute of Technology

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May 2016



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**CERTIFICATE**

This is to certify that the project  entitled **“Reconfigurable Computing for Naval Application”** is a bonafide work carried out **Akshay Kumar C**, **Avani S Rao** and **Kishan A V** bearing respective University Seat Numbers **1PI12EC005**, **1PI12EC016** and **1PI12EC049**, in partial fulfillment for the award of **Bachelor of Engineering** in **Electronics and Communication Engineering** of the **Visveshvaraya Technological University, Belgaum** during the year 2015-2016. It is certified that all corrections/suggestions indicated for 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 with respect to the project work prescribed for the said degree.

Name & Signature Name & Signature Name & Signature

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External Viva

Name of the Examiner        Signature with Date

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**DECLARATION**

I, **Akshay Kumar C**, bearing **USN 1PI12EC005**, declare that the project entitled **“Reconfigurable Computing for Naval Application”** has been successfully carried out by me along with Avani S Rao bearing USN 1PI12EC016 and Kishan A V bearing USN 1PI12EC049, and submitted in partial fulfillment of the course requirements for the award of the degree of **Bachelor of Engineering** in Electronics & Communication Engineering of Visveshvaraya Technological University, Belgaum during the academic session January – May, 2016. The matter contained in this report has not been submitted to any other university or institution for the award of any Degree or Diploma.

Akshay Kumar C

USN 1PI12EC005

Department of Electronics and Communication Engineering

PESIT, Bangalore

Date: 05.05.2016



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**DECLARATION**

I, **Avani S Rao**, bearing **USN 1PI12EC016**, declare that the project entitled **“Reconfigurable Computing for Naval Application”** has been successfully carried out by me along with , Akshay Kumar C bearing USN 1PI12EC005 and Kishan A V bearing USN 1PI12EC049 , and submitted in partial fulfillment of the course requirements for the award of the degree of **Bachelor of Engineering** in Electronics & Communication Engineering of Visveshvaraya Technological University, Belgaum during the academic session January – May, 2016. The matter contained in this report has not been submitted to any other university or institution for the award of any Degree or Diploma.

Avani S Rao

USN 1PI12EC016

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Date: 05.05.2016



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**DECLARATION**

I, **Kishan A V**, bearing **USN 1PI12EC049**, declare that the project entitled **“Reconfigurable Computing for Naval Application”** has been successfully carried out by me along with, Akshay Kumar C bearing USN 1PI12EC005 and Avani S Rao bearing USN 1PI12EC016, and submitted in partial fulfillment of the course requirements for the award of the degree of **Bachelor of Engineering** in Electronics & Communication Engineering of Visveshvaraya Technological University, Belgaum during the academic session January – May, 2016. The matter contained in this report has not been submitted to any other university or institution for the award of any Degree or Diploma.

Kishan A V

USN 1PI12EC049

Department of Electronics and Communication Engineering

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Date: 05.05.2016