**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**“JNANA SANGAMA”, BELGAUM – 590014**



A Project Report on

**“Brain Tumor Detection Using Honey Bee”**

*Submitted in partial fulfillment of the requirements for the award of degree of*

**Bachelor of Engineering in**

**Information Science & Engineering**

***Submitted by:***

**DEEPTA B S 1PI12IS031**

**HARSHITHA SHREEKA 1PI12IS033**

**HARSHITHA S S 1PI12IS034**

***Under the guidance of***

**Internal Guide**

**Dr. S. Natarajan**

**Professor and Key Resource Person,**

**Department of IS & E,**

**PESIT**



**DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING**

**PES INSTITUTE OF TECHNOLOGY**

**100 Feet Ring Road, BSK 3rd Stage, Bengaluru – 560085 January 2016 – May 2016**

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**Bengaluru-560085**

**DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING**



**CERTIFICATE**

This is to certify that the project work entitled **“Brain Tumor Detection Using Honey Bee ”** carried out by **Deepta B S** , bearing USN **1PI12IS031**, **Harshitha Shreeka** , bearing USN **1PI12IS033, Harshitha S S** , bearing USN **1PI12IS034**, are bonafide students of **PES INSTITUTE OF TECHNOLOGY**, Bangalore, an autonomous institute, under VTU, in partial fulfillment for the award of degree of **BACHELOR OF ENGINEERING IN INFORMATION SCIENCE & ENGINEERING** **of Visvesvaraya Technological University, Belgaum** during the year **2016**. It is certified that all corrections / suggestions indicated for internal assessment have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the above said degree.

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**Dr. S.Natarajan Dr. Shylaja S S Dr. K.S Sridhar**

Professor and Key Resource Person Professor and Head, Principal

Department of IS & E, Department of ISE PESIT

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**External Viva**

**Name of the Examiners Signature with date**

**1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**P.E.S. Institute of Technology**

**Department of Information Science and Engineering**

**Bengaluru – 560085**



**DECLARATION**

We, **Deepta B S, Harshitha Shreeka, Harshitha S S**, students of Eighth Semester B.E., in the Department of Information Science and Engineering, **P.E.S. Institute of Technology, Bangalore** declare that the project entitled **“Brain Tumor Detection Using Honey Bee”** has been carried out by us and submitted in partial fulfillment of the course requirements for the award of degree of **Bachelor of Engineering** in **Information Science and Engineering of Visvesvaraya Technological University, Belagavi** during the academic year **2015-16**. The matter embodied in this report has not been submitted to any other university or institution for the award of any degree.

**Name and USN Signature**

Deepta B S (1PI12IS031)

Harshitha Shreeka (1PI12IS033)

Harshitha S S (1PI12IS034)