## VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM KARNATAKA, INDIA



This is to certify that

Sasidhar B

has been conferred the Degree of

Poctor of Philosophy

in

Faculty of Computer and Information Sciences

for the thesis entitled

**Development of Image Processing Algorithms for Detection** and Classification of Lung Nodules for Staging of Lung Cancer

in recognition of the fulfillment of requirements for the said degree

PH 13 001000

Given under the seal of the University

USN: 1DS09PEM04



BELGAUM

DATE : January 09, 2018 VICE CHANCELLOR