

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM  
KARNATAKA, INDIA



*This is to certify that*

**K. Srinivasa Rao**

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

Faculty of Applied Sciences (Mathematics)

*for the thesis entitled*

Some Contributions to the study of Graph Coloring & Critical  
Graphs

*in recognition of the fulfillment of requirements  
for the said degree*

PH<sub>13</sub> 000780

Given under the seal of the University

USN: 1DA09PGN04



BELGAUM

DATE : January 09, 2018

VICE CHANCELLOR