

**CHEMO-INSPIRED GENETIC ALGORITHM AND ITS REAL LIFE
APPLICATIONS**

A

Thesis Submitted

To



KIIT UNIVERSITY

(Declared under Section 3 of UGC Act, 1956)

BHUBANESWAR-751 024, INDIA

IN FULFILLMENT OF THE REQUIREMENTS

FOR THE DEGREE OF

Doctor of Philosophy

In

Mathematics

By

Rajashree Mishra

Reg. No. 09267813379

DEPARTMENT OF MATHEMATICS

SCHOOL OF APPLIED SCIENCES

September 2014