



**ATMIYA
UNIVERSITY**

**IMAGE AND VIDEO WATERMARKING: MACHINE
LEARNING AND FREQUENCY DOMAIN APPROACH
FOR ACHIEVING DUAL SECURITY OF IMPORTANT
INFORMATION**

A Thesis

Submitted to the
Atmiya University,
For the Degree of

DOCTOR OF PHILOSOPHY

in

Engineering & Technology

by

Kiran Ashok Pithiya

Enrolment No. [210156001]

Under the Guidance of

Dr. Ashish M. Kothari

Department of Electronics & Communication

**ATMIYA UNIVERSITY,
Yogidham Gurukul, Kalawad Road,
Rajkot-360005, Gujarat (India)**