Design and Performance Analysis of Active Inductor Based Voltage Controlled Oscillator in 90nm CMOS Process for Wireless Applications

A Thesis submitted in partial fulfillment of the requirements for the degree of Bachelor of Science in Electrical, Electronics and Communication Engineering

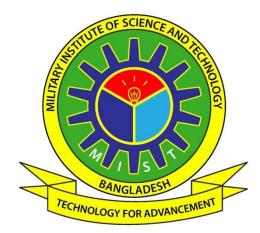
Submitted By

Md. Ahsanul Kabir Bulbul Omar Faruqe Md. Monjur Morshed Saikat

Student ID: 201416021 Student ID: 201416043 Student ID: 201416050

Supervised By Major Md. Tawfiq Amin, PhD, EME

Instructor Class 'B' Department of Electrical, Electronic and Communication Engineering (EECE) Military Institute of Science and Technology



Department of Electrical, Electronic and Communication Engineering (EECE) MILITARY INSTITUTE OF SCIENCE AND TECHNOLOGY (MIST)

Mirpur Cantonment, Dhaka-1216, Bangladesh. December, 2017