# GIS BASED SOIL FERTILITY MAPPING IN AGRO ECOSYSTEMS OF THRISSUR DISTRICT, KERALA

Thesis submitted to

# **Cochin University of Science and Technology**

in partial fulfillment of the requirement for the award of the degree of

## **Doctor of Philosophy**

under the

# **Faculty of Environmental Studies**

by

## C. Kavitha

Reg. No. 4120



Kerala Forest Research Institute Peechi-680653, Kerala, India



Cochin University of Science and Technology Kochi - 682016, Kerala, India

November 2017