

# **A Multi Objective Beacon Placement Strategy for 3D Point Cloud Representation of Indoor Environments**

A Thesis submitted by

**Ravi Sharma**

in partial fulfillment of the requirements for the award of the degree of  
**Doctor of Philosophy**



॥ त्वं ज्ञानमयो विज्ञानमयोऽसि ॥

**Department of Computer Science and Engineering  
Indian Institute of Technology Jodhpur, Rajasthan, India**

*January, 2021*