

# HELIOSTAT FIELD DESIGN AND RECEIVER PROFILE ESTIMATION USING OPTICAL RAY TRACING TECHNIQUES

A thesis submitted by  
**Sanjoy Chatterjee**

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



॥ त्वं ज्ञानमयो विज्ञानमयोऽसि ॥

**Indian Institute of Technology Jodhpur**  
**Department of Physics**

September 2020