

## **Using Virtual Reality to Understand the Psychology of Architecture**

### **STATEMENT OF RESEARCH PROJECT**

Many human activities and interactions occur in physical spaces and build environments. The architectural designs of these environments inevitably impact people's psychological processes. However, it is difficult to manipulate architectural designs to experimentally test their influences. In this research, we will create various architectural designs in virtual reality to examine their impact on social cognition.

### **SCOPE OF WORK FOR SELECTED PHD STUDENT**

The Ph.D. student will carry out work outlined in the above research plan, which includes reviewing literature, designing experiments, recruiting participants, conducting experiments, analyzing data, and writing papers for publication.