

# WHAT ROLE DOES BIM PLAY IN CONSTRUCTING SMART BUILDINGS OR INTELLIGENT BUILDING?

SMART BUILDINGS ARE THE SMART OBJECTS SUCH AS SENSORS AND ACTUATORS APPLIED TO THE CORE SYSTEM OF THE BUILDING TO INCREASE AND CONTROL THE ENERGY CONSUMPTION, WATER SYSTEM AND HVAC SYSTEMS. IT HELPS TO IMPROVE THE BUILDING'S EFFICIENCY AND COMMUNICATE WITH FUNCTION OF DATA THAT NEEDS ANY CHANGES IN THE EARLY DESIGN STAGE TO PROCUREMENT STAGE OF THE BUILDING LIFECYCLE.

## ROLE OF BIM IN SMART BUILDING

