

## **Study of Concept of chilled beam system**

**Dr.S.S.Khandare ,**

**Mechanical engineering consultant and Director of Rainbow Research lab.**

This the paper on study the innovative concept which is known as "Chilled Beam ". The chilled beam is high efficiency Radiant Cooling System which will replace the air handling units. This radiant-cooling system is a comfortable and energy- and material-efficient system. This paper discusses about the radiant-cooling hydraulic systems and other cooling system and materials to move heating and cooling energy within a building. The Chilled beams and radiant chilled ceilings is compared with the HVAC system and VAV system. This system provides better performance as compared to other system.