

## Innovative Teaching & Learning Practices

### Special Centre – Learn It

**Subject Code & Code:** U19CE501&Design of RC Elements

**Faculty Name:** Mr. D. Vivek

**Class&Sem:** III/V (Odd)

**Number of Students:** 40

**Topic:** Two-way slab



**Objective:** To understand the concept of Two-way slab and their design.

**Outcome:** Students were able to understand the concepts of two-way slab. The two-way slab is a slab which is generally supported on all sides of walls or beams, and whose length to breadth ratio is less than two and it twists or bends in both direction while transferring the loads to the walls or beams.

## Innovative Teaching & Learning Practices

### Special Centre – Learn It

**Subject Code & Code:** U19CE8703& Structural Design and Drawing

**Faculty Name:** Mrs. R. Kavitha

**Class&Sem:** III/VII (Odd)

**Number of Students:** 42

**Topic:** Domes



**Objective:** To understand the concept of design of domes.

**Outcome:** Students were able to understand the concepts of domes and their load transfer into it. Domes are self-supporting structures they take the form of an arch distributing external loads around the sides and down to the foundations. They are tightly compacted by gravity and any external loads are carried by the compressive forces to develop internally.