

## SETHU INSTITUTE OF TECHNOLOGY

Pulloor, Kariapatti – 626 115

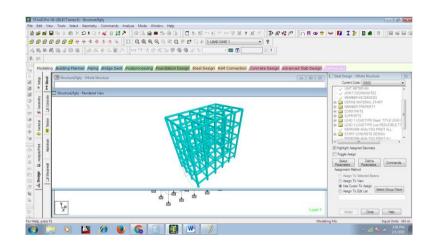
## (An Autonomous Institution)

(Approved by AICTE, New Delhi and affiliated to Anna University, Chennai)

## **Department of Civil Engineering**

## **Course Name: – Structural Design Laboratory**

- The main aim of structural engineer is to design the structures for a safe technology in the computing field; the structural engineer can dare to tackle much more large and complex structure subjected to various type of loading condition.
- Carrying out a complete design of the main structural elements of a multi storied building including slabs, beams, columns and footing.
- Getting real life experience with the engineering practices. The structure should be so arranged that it can transmit dead, the wind and imposed loads in a direct manner to the foundations. The general arrangement should ensure a robust and stable structure that will not collapse progressively under the effects of misuse or accidental damage to any one element.



Course Coordinator R.Logaraja **HOD/Civil**