

# INTEGRAL UNIVERSITY, LUCKNOW

(Office of the Dept. of Civil Engineering)

Ref. No. IUL/CE/Head/2025/064

Dated: 19<sup>th</sup> December 2025

## NOTICE

### (B.Tech 2<sup>nd</sup> Year – Mini Project 2)

This is to inform all 2<sup>nd</sup> year B.Tech Civil Engineering students that the **assigned 2<sup>nd</sup> Year Mini Project-2** must be **submitted on or before the end of the 4<sup>th</sup> Semester**.

The mini-project is **mandatory** and is divided into **two parts**, as detailed below:

#### Part-1: Analysis of Structure in STAAD PRO

- Develop model of structure in STAAD PRO.
- Apply appropriate loads and load combinations.
- Group the beams and columns as per requirements.
- Perform analysis and submit report on it.

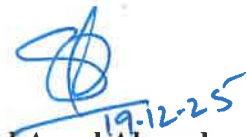
#### Part-2: Design of Concrete Elements in Excel

- Prepare the excel sheet for the design of Beam, Column, Slab and Foundation.
- Design the concrete elements using the result from STAAD PRO.
- Prepare the Design Report

Students are advised to work sincerely on both parts, as this mini-project will contribute to **internal assessment and skill development**.



Dr. Tabish Izhar  
Coordinator



Dr. Syed Aqeel Ahmad  
Prof. & Head