

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** G. THEJOMAYI
- **User Type:** ☐ Ph.D. Scholar ☐ Postdoctoral Researcher ☐ Bachelor's ☒ Masters
- **Institution Name:** Indian Institute of Science, Bangalore
- **Institutional Contact No:** 080 22932228
- **Research Topic:** Backcalculating layer moduli of flexible pavement layers using FWD data.

Software Request Details

- **Software Name:** COMSOL
- **Justification for Software Request:** [COMSOL will be used to build a pavement structure and simulate the loading and deflections with the structural mechanics module. Along with this, the optimization module will be used for layer modulus adjustment to minimize the error between the measured and calculated response.]

Guide/Supervisor Approval

I, SATYAVATI KOWARAGIRI (Guide/Supervisor Name),

- Confirm that the above-mentioned researcher is affiliated with our institution
- Have reviewed the software request and its relevance to the researcher's academic work
- Approve the software request for research purposes

Approval Confirmation

- I approve the software request
- The software aligns with the researcher's research objectives
- The request meets the institutional research guidelines

Guide/Supervisor Signature: _____

Date: 15th September 2025

Satyavati Kowaragiri
ASSISTANT PROFESSOR
Department of Civil Engineering
Indian Institute of Science
Bangalore - 560 012

Official Stamp/Seal: [Space for Institutional Stamp]

Important Notes

1. This form must be signed and scanned
2. The scanned copy must be uploaded with the software request
3. Electronic signatures are acceptable if from an official institutional email