

I-STEM Software Request - Guide Approval Form

User Details

- Name of Researcher: Gulshan Kumar
- User Type: ☐ Ph.D. Scholar ☐ Postdoctoral Researcher ☐ Bachelor's ☒ Masters
- Institution Name : Indian Institute of Science(IISc), Bengaluru
- Institutional Contact No: +91 80 2293 2361/ 3170, 2360 0566
- Research Topic: Heat Sink, Inductor, Transformer Design

Software Request Details

- Software Name: COMSOL (Basic + Advanced Modules)
- Justification for Software Request: [I need the AC/DC Module to calculate the leakage and magnetizing inductance required for high-frequency transformer design. The Heat Transfer and CFD Modules are to simulate the forced-air cooling system for the heat sink design]

Guide/Supervisor Approval

I, SAMIR HAZRA (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: Samir Hazra

Date: 15-01-2025

Assistant Professor
Dept. of Electrical Engineering
Indian Institute of Science
Bangalore - 560 012, India

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