

I-STEM Software Request - Guide Approval Form

User Details

- Name of Researcher: Shilpa S Kumar
- User Type: ☐ Ph.D. Scholar ☐ Postdoctoral Researcher ☐ Bachelor's ☒ Masters
- Institution Name: Indian Institute of Science, Bengaluru
- Institutional Contact No: _____
- Research Topic: AC-DC PFC Boost Converter (includes Planar Inductors)

Software Request Details

- Software Name: COMSOL
- Justification for Software Request: [Provide detailed explanation of how the software supports your research objectives] My work focuses on design of coupled inductors in the interleaved boost PFC (planar approach). COMSOL helps in performing 3-D, Electromagnetic analysis of the planar magnetic structure.

Guide/Supervisor Approval

I. Vishnu Mahadeva Iyer (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: I. Vishnu Mahadeva Iyer

Date: 03/07/2026

Official Stamp/Seal: [Space for Institutional Stamp]

Important Notes

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

