

I-STEM Software Request - Guide Approval Form

User Details

- Name of Researcher: KHAN AZMAT
- User Type: ☒ Ph.D. Scholar ☐ Postdoctoral Researcher ☐ Bachelor's ☐ Masters
- Institution Name : Jamia Millia Islamia
- Institutional Contact No: _____
- Research Topic: Intelligent Condition Assessment of Power Transformer

Software Request Details

- Software Name: COMSOL Multiphysics
- Justification for Software Request: [Provide detailed explanation of how the software supports your research objectives]

Guide/Supervisor Approval

I, Prof. Shakeb A Khan (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: 02/09/2025

Official Stamp/Seal: [Space for Institutional Stamp]

Department of Electrical Engg.
Faculty of Engg. and Technology
J.M.I., New Delhi-110025

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

Justification for Software Request

1. With the help of COMSOL, I can model and compare different sensing materials to capture sensor response before its fabrication. (2FAI, gas sensing in transformer oil)
2. Optimize design parameters virtually for improved sensitivity and selectivity.