

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** Antra Mohini
- **User Type:** ☒ Ph.D. Scholar ☐ Postdoctoral Researcher ☐ Bachelor's ☐ Masters
- **Institution Name:** RISE, TCG CREST
- **Institutional Contact No:** 8017769816
- **Research Topic:** Computational Modelling and Design of Sustainable Energy Materials

Software Request Details

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

My research focuses on understanding and improving sustainable energy storage materials through advanced computational simulations. The work integrates multiple length scales, connecting atomistic material behaviour with the operation and performance of energy storage devices and larger energy systems. COMSOL Multiphysics is required to model the interaction of electrochemical, thermal, and transport processes within a single framework. The software plays a key role in the development, evaluation, and optimisation of next-generation energy storage solutions.

Guide/Supervisor Approval

I, Dr Amreen Bano (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: 16th June 2026

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

Amreen Bano
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