

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** Novotna Seal
- **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 the development of sustainable energy storage materials using computational modelling techniques. The work employs multiscale approaches to connect fundamental material properties at the atomic level with the behaviour and performance of energy storage devices and larger energy networks. COMSOL Multiphysics enables the simulation of interacting electrochemical, thermal, and transport phenomena that are critical to these systems. Access to the software is therefore important for designing and optimising advanced 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
Senior Research Scientist
Research Institute for Sustainable Energy (RISE)
TCG CREST
Science and Technology (TCG-CREST)
Kolkata-700091, India