

## I-STEM Software Request - Guide Approval Form

### User Details

- **Name of Researcher:** Sayli Pradhan
- **User Type:** [\*] Ph.D. Scholar [ ] Postdoctoral Researcher [ ] Bachelor's [ ] Masters
- **Institution Name** : Institute of Chemical technology
- **Institutional Contact No:** + 91-22-3361 1026
- **Research Topic:** Electrode for batteries

### Software Request Details

- **Software Name:** COMSOL basic and advanced module
- **Justification for Software Request:**

The software is required to support my research in battery testing by enabling precise control, monitoring, and analysis of electrochemical experiments. It allows accurate execution of charge-discharge cycles, cyclic voltammetry, and impedance studies, which are essential for evaluating battery performance parameters such as capacity, efficiency, and stability. Additionally, the software provides real-time data acquisition and visualization, facilitating reliable analysis and reproducibility of results. Therefore, it is a critical tool for achieving my research objectives in energy storage systems.

- **Guide/Supervisor Approval**

I, Dr. Neetu Jha (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: Neetu Jha

Date: 7 April 2026

Official Stamp/Seal: [Space for Institutional Stamp]

