

I-STEM Software Request - Guide Approval Form

User Details

- Name of Researcher: NIRANJAN.R
- User Type: ☒ Ph.D. Scholar [] Postdoctoral Researcher [] Bachelor's [] Masters
- Institution Name : USER BHOPAL
- Institutional Contact No: +91- 755 269 2392
- Research Topic: SCALABLE ELECTROCATALYSTS FOR CO₂ CONVERSION

Software Request Details

- Software Name: COMSOL MULTIPHYSICS
- Justification for Software Request: Multiphysics modeling (species transport, electrochemical kinetics, flow-field design) for a CO₂ electroreduction catalyst/electrode project, requiring coupled physics only COMSOL supports in one platform

Guide/Supervisor Approval

I, DR. SAI PHANI KUMAR VANGALA (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: Dr. Sai Phani Kumar Vangala

Date: 06.10.2026

Official Stamp/Seal:

Dr. Sai Phani Kumar Vangala
Assistant Professor
Department of Chemical Engineering
Indian Institute of Science Education and Research
Bypass Road, Bhauli, Bhopal-462066, M.P. India

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