I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher**: DEEPAK BARMOTA
- **User Type:** [✓] Ph.D. Scholar [ ] Postdoctoral Researcher [ ] Bachelor's [ ] Masters
- **Institution Name:** Indian Institute of Technology, DELHI
- **Institutional Contact No**:+91-011-26591251
- **Research Topic**: Hydrogen PEM fuel cell.

Software Request Details

- **Software Name:** COMSOL
- **Justification for Software Request**: The software enables high-fidelity multiphysics simulation of charge, mass, and heat transfer in PEM fuel cell bipolar plates and generates reliable datasets that are used to train deep learning models for performance prediction and design optimization.

Guide/Supervisor Approval

I, Professor K.A. Subramanian

- 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: 30.06.2026

Official Stamp/Seal:

Dr. K. A. SUBRAMANIAN
Professor
Department of Energy Science & Engineering
Indian Institute of Technology Delhi
Hauz Khas, New Delhi-110016, 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