

I-STEM Software Request - Guide Approval Form

User Details

- Name of Researcher: Nandagopan G Pillai
- User Type: Ph.D. Scholar
- Institution Name: National Institute of Technology Calicut
- Institutional Contact No: 0495-2286529
- Research Topic: Photothermal, photocatalyst-assisted hydrogen generation

Software Request Details

- Software Name: COMSOL Multiphysics®
- Justification for Software Request: The COMSOL Multiphysics will be used for the development and simulation of the Photothermal concentration systems. A new design will be created using the software, varying different parameters, and an optimum one will be selected for further fabrication. For those works, specific modules in the software mentioned above can be used. Modules like ray optics, CFD modules, and Heat Transfer etc, will be used.

Guide/Supervisor Approval

I, Dr. Shijo Thomas, Associate Professor, Department of Materials Science and Engineering, National Institute of Technology Calicut

- 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: 18/July/2025

Official Stamp/Seal:

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

