

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** Prabeen Kumar Pattnayak
- **User Type:** ☒ Ph.D. Scholar ☐ Postdoctoral Researcher ☐ Bachelor's ☐ Masters
- **Institution Name** : Indian Institute of Science, Bengaluru
- **Institutional Contact No:** 080 2293 2332
- **Research Topic:** Coalescence of rotating droplets

Software Request Details

- **Software Name:** COMSOL
- **Justification for Software Request:** We have to simulate the coalescence of rotating droplets, which requires multi-phase finite volume fluid flow environment of COMSOL. This is one of the computationally expensive problem, for which, COMSOL software is ideal.

Guide/Supervisor Approval

I, Prof. Alope Kumar (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: 11 June 2026

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

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