I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher**: Pema Rinzing Bhutia
- **User Type**: [✓] Ph.D. Scholar [ ] Postdoctoral Researcher [ ] Bachelor's [ ] Masters
- **Institution Name:** Sikkim Manipal Institute of Technology
- **Institutional Contact No**: 03592 - 246020
- **Research Topic**: Investigation of Low Dimensional TMDs materials for Spintronics Memory Applications.

Software Request Details

- **Software Name**: COMSOL Multiphysics
- **Justification for Software Request**: My research focuses on micro-magnetism and low-dimensional materials. This software offers modules that can assist in achieving my research goals. The module will assist me in creating various geometries and analysing the spin behaviour of materials under various conditions. Additionally, COMSOL offers modules that can generate strain gradients, which will be beneficial for my research.

Guide/Supervisor Approval

I, Dr. Bikash Sharma (Supervisor),

- 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: 01st April 2025

Official Stamp/Seal:

Dr. Bikash Sharma
Head of Department
Dept. of Electronics & Communication Engg.
SMIT

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