

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** Sujit Kumar Sahoo
- **User Type:** [☒] Ph.D. Scholar [☐] Postdoctoral Researcher [☐] Bachelor's [☐] Masters
- **Institution Name:** Indian Institute of Science Education and Research, Berhampur.
- **Institutional Contact No:** 7008210818
- **Research Topic:** Synthesis and Applications of 2D materials.

Software Request Details

- **Software Name:** COMSOL Multiphysics
- **Justification for Software Request:** I work on 2D materials, basically their synthesis, characterization, and application in our lab. COMSOL allows for the simulation and visualization of how these materials behave under different physical conditions. It also helps me to understand complex properties like heat flow, electronic, magnetic, and optical behaviour in a better way. By combining simulation with experiment, I can help design more effective experiments, save time, and gain knowledge. It would truly enhance the quality and efficiency of my research work.

Guide/Supervisor Approval

I, Dr. Shashi Bhushan Singh,

- 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: 26/05/2025 _____

Official Stamp/Seal: _____
Dr. Shashi Bhushan Singh / Associate Professor
Department of Physical Sciences
IISER Berhampur

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