

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** Harsimran Kaur Mann
- **User Type:** Ph.D. Scholar
- **Institution Name :** Indian Institute of Science , Bangalore ,Indian
- **Institutional Contact No:** +91 (80) 2293 2315
- **Research Topic:** Condensed matter physics

Software Request Details

- **Software Name:** COMSOL Multiphysics
- **Justification for Software Request:** I am requesting a license for COMSOL Multiphysics to support my experimental research on electron transport in graphene. The software supports simulations of electrical, thermal, and mechanical phenomena, which are essential for accurately understanding device behaviour. These simulations will help optimize device design and interpret experimental results. Access to COMSOL is essential for the simulation component of my project.
- **Guide/Supervisor Approval**

I, Aveek Bid

- 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: September 2 , 2025

Official Stamp/Seal:

Dr. Aveek Bid
Associate Professor
Department of Physics
Indian Institute of Science
Bangalore - 560 012, India