I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** ANURAG YADAV
- **User Type:** Ph.D. Scholar
- **Institution Name:** Sant Longowal Institute of Engineering and Technology, Punjab, 148106.
- **Institutional Contact No:** +91-1672-280057
- **Research Topic:** CNT and Graphene based VLSI Interconnects

Software Request Details

- **Software Name:** COMSOL Multiphysics 5.6
- **Justification for Software Request:** COMSOL Multiphysics is required to carry out coupled multiphysics simulations (electrical, thermal, and structural) for advanced nanoelectronics interconnects and Through-Silicon Vias (TSVs). The software will enable 3D modelling, performance analysis, and optimization of novel carbon-based materials for next-generation VLSI technology. It will serve as the main simulation platform to support my research work in emerging interconnect technologies.

Guide/Supervisor Approval

I, Dr. Pankaj Kumar Das (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: 19.05.2026

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