

I-STEM Software Request - Guide Approval Form

User Details

- Name of Researcher: Roshar Subba
- User Type: ☐ Ph.D. Scholar ☐ Postdoctoral Researcher ☒ Bachelor's ☐ Masters
- Institution Name : Indian Institute of Technology Delhi
- Institutional Contact No: +91-11-2659-7135
- Research Topic: Integrated Photonics

Software Request Details

- Software Name: COMSOL Multiphysics
- Justification for Software Request: The research involves simulation and analysis of photonic components such as directional couplers and resonators to optimize device performance. Circuit-level design and simulation will be carried out using COMSOL Multiphysics to perform computations in the optical domain. The objective is to design and validate efficient photonic architectures aligned with emerging industry requirements.

Guide/Supervisor Approval

I, DEEPAK JAIN (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: Deepak Jain

Date: 06-02-2025

Official Stamp/Seal:

प्रो. दीपक जैन / Prof. Deepak Jain
सह. प्रोफेसर / Associate Professor
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