

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** VISHWAJEET SINGH
- **User Type:** ☐ Ph.D. Scholar ☐ Postdoctoral Researcher ☐ Bachelor's ☒ Masters
- **Institution Name :** INDIAN INSTITUTE OF TECHNOLOGY DELHI
- **Institutional Contact No:** 011-2659-7135
- **Research Topic:** Photonic Processor for AI

Software Request Details

- **Software Name:** COMSOL MULTIPHYSICS
- **Justification for Software Request:** We require this software for our research project on developing a **Photonic Processor for AI**. The project involves simulations of optical components such as waveguides, resonators, couplers, interferometers, and photonic integrated circuits (PICs) for various applications. The software will help us design, analyse, and optimize these devices accurately before fabrication, saving time and resources. Therefore, access to this software is essential for successfully carrying out our project work.

- **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: 17/2/2026

प्रो. दीपक जैन / Prof. Deepak Jain
सह. प्रोफेसर / Associate Professor
प्रकाशिकी एवं फोटोनिकस केंद्र
Optics and Photonics Centre
भारतीय प्रौद्योगिकी संस्थान दिल्ली
Indian Institute of Technology Delhi
Hauz Khas - 16/Hauz Khas, New Delhi-110016

Official Stamp/Seal: [Space for Institutional Stamp]

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

