

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** SAPAN KUMAR
- **User Type:** Ph.D. Scholar
- **Institution Name:** MANIPAL INSTITUTE OF APPLIED PHYSICS, MAHE, MANIPAL
- **Institutional Contact No:** 0820-2925073
- **Research Topic:** DESIGN AND DEVELOPMENT OF TIP BASED OPTICAL FIBER PLASMONIC SENSORS

Software Request Details

- **Software Name:** COMSOL MULTIPHYSICS
- **Justification for Software Request:** I require access to COMSOL Multiphysics for conducting simulations related to my research work. My primary objective is to model and optimize optical fibre tip geometries for plasmonic sensing applications. This study is relevant for optical fibre sensing, plasmonics sensing systems where geometry plays a critical role in enhancing sensitivity and performance.

Guide/Supervisor Approval

I, Dr. VIVEK SEMWAL,

- 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:


27-04-26

Date: 27-04-26

Official Stamp/Seal:

