

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** Ajay Sudhir Bale
- **User Type:** ☒ Ph.D. Scholar ☐ Postdoctoral Researcher ☐ Bachelor's ☐ Masters
- **Institution Name** New Horizon College of Engineering
- **Institutional Contact No:** 080662 97777
- **Research Topic:** Study of Surface Plasmon Resonance- based Photonic Crystal Fiber Bio Sensor

Software Request Details

- **Software Name:** Comsol Multiphysics
- **Justification for Software Request:** I want to design and simulate the PCF sensor in COMSOL Multiphysics using Wave optics module. This module will support the designing of new dimensional Fibers and finding different parameters like SPR, RI etc.

Guide/Supervisor Approval

I, Dr. Santhosh Krishna B V (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:

B. V. Santhosh

20/03/2025

Date: 20/03/2025

Official Stamp/Seal:

