

I-STEM Software Request - Guide Approval Form

User Details

- Name of Researcher: Akanksha Chaurasiya
- User Type: Masters
- Institution Name: Pt. Prithi Nath P.G. College
- Institutional Contact No: 8707538344
- Research Topic: Supercontinuum Generation in PCFs, Optical Fibers and Glass Fibers

Software Request Details

- Software Name: COMSOL Multiphysics Basic + Advanced Modules
- Justification for Software Request: I require COMSOL as it is indispensable for modelling supercontinuum generation in PCFs and chalcogenide fibers. The requested modules enable precise dispersion engineering and nonlinear propagation analysis. This software facilitates a rigorous comparative study of modal properties and spectral broadening, ensuring optimized fiber designs for high-performance mid-infrared applications."

Guide/Supervisor Approval

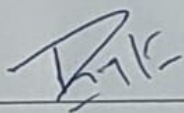
I, Rishabh Gupta

- 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: _____

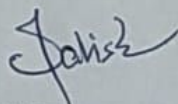


Date: _____

22/4/2026

Department of Physics
P.P.N.(PG.) College, Kanpur

Official Stamp/Seal: _____



Prof. Satish Chandra
Department-in-Charge
Department of Physics
P.P.N. (PG.) College, Kanpur