

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** SIDDHI TANWAR
- **User Type:** ☐ Ph.D. Scholar ☐ Postdoctoral Researcher ☒ Bachelor's ☐ Masters
- **Institution Name** : BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI
- **Institutional Contact No:** 7568558129
- **Research Topic:** Development of an NDIR based gas sensor for CO2 monitoring

Software Request Details

- **Software Name:** COMSOL Multiphysics

Justification for Software Request: I will be doing research and development of an NDIR based gas sensor for CO2 monitoring, for that I need COMSOL to run simulations and do test runs for my research using COMSOL modules such as Semiconductors, Optics module, Heat Transfer module, Microfluidics module, AC/DC module and MEMS module.

- **Guide/Supervisor Approval**

I, Dr. Nitin Chaturvedi (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: Nitin

Date: 31/05/2025

Official Stamp/Seal: 
Dept. of Electrical and Electronics Engineering
Birla Institute of Technology & Science
Pilani-333031 (Raj.)

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