

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** Md Abdullah
- **User Type:** Ph.D. Scholar
- **Institution Name:** IIT Hyderabad
- **Institutional Contact No:** 040 2301 6771
- **Research Topic:** Tissue Engineering & 3D Bioprinting

Software Request Details

- **Software Name:** COMSOL Multiphysics,
- **Justification for Software Request:** Using this software, we will study the mechanical microenvironments of the cells during 3D Bioprinting and mixing of fluids. Bioprinting has numerous challenges when printing complex shapes, which depend on trial and error. A software-based study can minimize the number of attempts and streamline the process.

Guide/Supervisor Approval

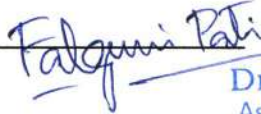
I, Dr Falguni Pati,

- 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: 05/08/2025

Official Stamp/Seal:

Dr. Falguni Pati
Associate Professor
Department of Biomedical Engineering
Indian Institute of Technology Hyderabad
Kandi, Sangareddy-502285, Telangana, India

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