

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** Manya Bhat
- **User Type:** [✓] Bachelor's
- **Institution Name** : JSS Academy of Technical Education, Bengaluru
- **Institutional Contact No:** 080-28611702
- **Research Topic:** Model Rocket Design, Simulation, and Preliminary Systems Engineering for IN-SPACe Model Rocketry Competition 2026–27

Software Request Details

- **Software Name:** COMSOL Multiphysics – Basic Module
- **Justification for Software Request:** The requested software will be used for preliminary engineering analysis, simulation, and subsystem-level understanding related to the development of a model rocket system for the IN-SPACe Model Rocketry India Student Competition 2026–27.

The software will support:

- Structural and aerodynamic analysis concepts
- Preliminary simulation and engineering workflow understanding
- Rocket subsystem modeling and design exploration
- Recovery system and launcher-related engineering studies
- Educational and research-oriented learning in multidisciplinary engineering simulation

The software is intended to support the team's Preliminary Design Review (PDR) preparation, technical documentation, and future subsystem analysis activities.

Guide/Supervisor Approval

I, Dr. Girish N (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: _____

Date: 26/05/2026

Official Stamp/Seal:

