

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** _Mahip Gorana_
- **User Type:** ☐ Ph.D. Scholar ☐ Postdoctoral Researcher ☒ Bachelor's ☐ Masters
- **Institution Name** : _Birla Institute of Technology and Sciences, Pilani_
- **Institutional Contact No:** _01596-255221_
- **Research Topic:** __CFD analysis of temperature profile in hydraulic cylinders__

Software Request Details

- **Software Name:** _____ Comsol 6.1 multiphysics _____
- **Justification for Software Request:** [to conduct the simulation of hydraulic cylinder we need the Comsol Multiphysics 6.1, since we will also be using the dynamic mesh for calculating the results]

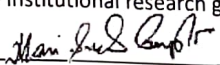
Guide/Supervisor Approval

I, Professor M S Dasgupta (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: __19.09.2025__

Official Stamp/Seal: [Space for official stamp]
Senior Professor
Dept. of Mechanical Engineering
Birla Institute of Technology & Science
PILANI 333031 (Raj.) 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