

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** Aman Sharma
- **User Type:** MTech (Research Assistant)
- **Institution Name:** IIT Hyderabad
- **Contact No:** 6201647527
- **Research Topic:** Design and development of plasma torch

Software Request Details

- **Software Name:** COMSOL
- **Justification for Software Request:** I am currently engaged in research focused on plasma torch simulation, a key area for advancing and refining plasma-based technologies. The software I am requesting will play a vital role in modelling, simulating, and analysing plasma torch behaviour across a range of operating conditions. With access to this tool, I will be able to conduct more accurate simulations, minimize the need for costly physical experiments, and expedite the development of more efficient and effective plasma torch systems.

Guide/Supervisor Approval

I, SK Karthick (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: 08/09/2025

Official Stamp/Seal:


Dr. S. K. Karthick
Assistant Professor
Mechanical and Aerospace Engineering
Indian Institute of Technology Hyderabad
Kandi, Sangareddy, Telangana - 502284

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