

I-STEM Software Request - Declaration

User Details

- **Name of Researcher:** Dr. Ashwani Pratap
- **User Type:** Faculty
- **Institution Name** : IIITDM Kurnool
- **Institutional Contact No:** 9430983401
- **Research Topic:** Abrasive polishing

Software Request Details

- **Software Name:** _COMSOL_
- **Justification for Software Request:** COMSOL software is needed to perform Multiphysics simulation of fluid jet polishing. The simulations primarily need particle tracing, laminar flow, acoustic modules. In future, we are also planning to include electromagnetic control of the fluid jet polishing process, therefore, AC/DC module will be of interest.

Guide/Supervisor Approval

I, Dr Ashwani Pratap

- 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: 12/05/2026

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