

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** Ravi Prakash
- **User Type:** ☒ Ph.D. Scholar ☐ Postdoctoral Researcher ☐ Bachelor's ☐ Masters
- **Institution Name** : Indian Institute of Technology Guwahati
- **Institutional Contact No:** +91-361-2583000
- **Research Topic:** Modelling of micromanufacturing system

Software Request Details

- **Software Name:** COMSOL
- **Justification for Software Request:** Numerical study of micro-EDM, micro-ECM provides valuable feedback into material removal mechanisms, geometry evolution, and process parameters, for micro-scale applications. COMSOL provides multi-physics coupling, moving mesh, and advanced boundary conditions, which are necessary to design these manufacturing techniques.

Guide/Supervisor Approval

I, Prof. Manas Das (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: Manas Das

Date: 08/09/2025

Official Stamp/Seal:

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

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