

I-STEM Software Request - Guide Approval Form

User Details

- Name of Researcher: SOURAV DAS
- User Type: Ph.D. Scholar
- Institution Name: Cotton University
- Institutional Contact No: 0361-2733530
- Research Topic: Effect of heating and rapid cooling on the physico-mechanical properties of calcareous sandstone

Software Request Details

- Software Name: COMSOL Multiphysics
- Justification for Software Request: My study investigates how high temperatures and rapid cooling affect the mechanical behavior and damage growth of sandstone. COMSOL will allow me to simulate heat transfer and temperature distribution within rock specimens, which will help explain experimental results under thermal stresses.

Guide/Supervisor Approval

I, Dr. Ratan 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:

Ratan Das

Date: 12/03/26

Official Stamp/Seal:

Dr. Ratan Das
Assistant Professor
Dept. of Geology, Cotton University
Parbazar, Guwahati-781001 (Assam)