

I-STEM Software Request - Guide Approval Form

User Details

- Name of Researcher: Parikshit Gogoi.
- User Type: ☐ Ph.D. Scholar ☐ Postdoctoral Researcher ☒ Bachelor's ☐ Masters
- Institution Name : Bineswar Brahma Engineering College.
- Institutional Contact No: +91-3661-218250.
- Research Topic: Hydrogen Internal Combustion Engine (H₂-ICE).

Software Request Details

- Software Name: COMSOL Multiphysics.
- Justification for Software Request: [The requested software will be used to simulate combustion, fluid flow, and heat transfer in a Hydrogen Internal Combustion Engine (H₂-ICE). It will help analyse engine performance, efficiency, and emission characteristics, as well as optimise design parameters such as fuel injection and combustion behaviour for my B.Tech projects]

Guide/Supervisor Approval

I, Dr. Dibyjit K. Deka (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: 24-04-2026

Official Stamp/Seal: [Space for Institutional Stamp]

Head of the Department
Department of Mechanical Engineering
Bineswar Brahma Engineering College
Yokraihar

Important Notes

- This form must be signed and scanned
- The scanned copy must be uploaded with the software request
- Electronic signatures are acceptable if from an official institutional email