

I-STEM Software Request - Approval Form

User Details

- **Name of Researcher:** Dr. T Venkatesh Varma
- **User Type:** ☐ Ph.D. Scholar ☐ Postdoctoral Researcher ☐ Bachelor's ☒ Faculty
- **Institution Name** : Madanapalle Institute of Technology & Science
- **Institutional Contact No:** 9100973283
- **Research Topic:** Non-Hermitian elastodynamics

Software Request Details

- **Software Name:** COMSOL 6.0
- **Justification for Software Request:** COMSOL Multiphysics is essential for my research to perform finite element simulations of complex multi-physics problems involving elastic wave propagation, structural dynamics and fracture mechanics. My ongoing research focuses on non-Hermitian elastodynamics, zero-group-velocity (ZGV) states, exceptional points, and wave manipulation in elastic metamaterial laminates, all of which require accurate eigenfrequency, frequency-domain, and transient simulations that COMSOL efficiently supports.

Guide/Supervisor/ Head of the Institute Approval

I, Dr. D. Pradeep Kumar, Registrar (Guide/Supervisor/ Head of the Institute 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

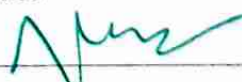
Guide/Supervisor/ Head of the Institute Signature: _____

Date: 14-05-2026

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


REGISTRAR
Madanapalle Institute of Technology & Science
(Deemed to be University)
MADANAPALLE - 517 325, A. P.