



PLATINUM JUBILEE

K.E. Society's

RAJARAMBAPU INSTITUTE OF TECHNOLOGY

An Empowered Autonomous Institute, Affiliated to Shivaji University, Kolhapur

Approved by AICTE New Delhi., D.T.E., Govt. of Maharashtra

NAAC 'A+' Grade N.B.A. Accredited



Ref:RIT/MCT/31/294/2025-26

Date: 03/07/2025

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** Shridhar Sampatrao Deshmukh
- **User Type:** Ph.D. Scholar
- **Institution Name:** Rajarambapu Institute of Technology, Rajaramnagar
- **Institutional Contact No:** 91 2342 - 220329
- **Research Topic:** Design and development of Gradient Index phononic crystal lens.

Software Request Details

- **Software Name:** COMSOL Multiphysics

Justification for Software Request: For Acoustic Luneburg Lens in Air:

Acoustics Module (Pressure Acoustics – Time Domain)

CAD Import Module (SolidWorks model import)

Simulate wave focusing in air

For Structure-Borne Wave Focusing in Plates: Structural Mechanics Module

Piezoelectric Devices Interface from MEMS Module

Guide/Supervisor Approval

I, Dr. Shailesh Shirguppikar (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: 03/07/2025

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

