

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** Indhulekha Jayachandran
- **User Type:** Research Scholar – Full Time
- **Institution Name:** National Institute of Technology Puducherry
- **Institutional Contact No:** 9360525036
- **Research Topic:** Insulation Coordination

Software Request Details

- **Software Name:** COMSOL Multiphysics

Justification for Software Request: As part of my research work in air discharge phenomenon, I am focusing on calculating the dynamic electric field across different electrodes, analysing electron avalanche characteristics, streamer characteristics and precise prediction of breakdown voltage, which requires the use of a plasma module and AC/DC module.

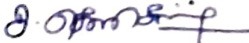
Guide/Supervisor Approval

I, Dr. Gowrishankar S,

- 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: 26-02-2025

Official Stamp/Seal:

Dr. GOWRISHANKAR. S, M.E., Ph.D.,
Assistant Professor
Department of Electrical and Electronics Engineering
National Institute of Technology Puducherry
Karaikal - 609 609, U.T. of Puducherry

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