

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** Hema B S
- **User Type:** ☐ Ph.D. Scholar ☐ Postdoctoral Researcher ☐ Bachelor's ☒ Masters
- **Institution Name:** Sri Sathya Sai University for Human Excellence
- **Institutional Contact No:** 9953797161
- **Research Topic:** Semiconductor Optical Amplifiers

Software Request Details

- **Software Name:** MATLAB
- **Justification for Software Request:** The carrier dynamics in a semiconductor have to be modelled using MATLAB based iterative program. The program involves thousands of lines of code to model complex differential and integral equations.

Guide/Supervisor Approval

I, Dr. Nithin Vogirala (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: *Nithin*

Date: 13/03/25

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