

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher** : Anushya A G
- **User Type** : Ph.D. Scholar
- **Institution Name** : PSG College of Technology
- **Institutional Contact No** : 0422-2572177
- **Research Topic** : Computer Aided Diagnostic system for detecting Neonatal Hearing Loss

Software Request Details

- **Software Name:** LabVIEW
- **Justification for Software Request:** The research work is on Auditory Brainstem Response (ABR) signal acquisition to screen the hearing ability of Neonates. Where DAQ is used for the signal acquisition by placing electrodes on the physiological position. After the signal is acquired for processing it there is extensive use of LabVIEW software. Signal processing steps are done in the software to get the exact ABR peaks which is used to interpret the result of hearing ability.

Guide/Supervisor Approval

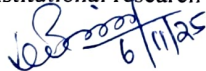
I, Dr. B. Padmapriya,

- 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: 06-11-2025

Official Stamp/Seal: Dr. B. PADMAPRIYA
Associate Professor
Dept. of Biomedical Engineering
PSG College of Technology
Coimbatore - 641 004.

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