I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** Prof. Ashvini Avinash Bamanikar
- **User Type:** Ph.D. Scholar
- **Institution Name : PDEA's College of Engineering, Manjari(Bk'), Pune**
- **Institutional Contact No:** 8888776206
- **Research Topic:** Automatic Emotion and Stress recognition using EEG Signal with Sentiment analysis

Software Request Details

- **Software Name:** LabView
- **Justification for Software Request:**

I am currently working on a project titled "Automatic Emotion and Stress recognition using EEG Signal with Sentiment analysis", which involves the acquisition, processing, and analysis of EEG data to identify emotional states and stress levels in human subjects. This research requires precise signal processing techniques and real-time data acquisition capabilities.

To achieve this, I require access to **LabVIEW** software, which is widely recognized for its robust graphical programming environment and integration with EEG acquisition hardware such as the **V-AMP 16-channel EEG system**. Using LabVIEW will significantly enhance the quality and reliability of signal processing in this research and will ensure compatibility with the hardware being used.

- **Guide/Supervisor Approval**

I Dr. Ritesh V. Patil

- 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:

Principal
Pune District Education Association's
College of Engineering, Manjari (Bk.),
Pune - 412307.

Official Stamp/Seal: [Space for Institutional Stamp]

Pune District Education Association's College of Engineering