

I-STEM Software Request - Guide Approval Form

User Details

- **Name of Researcher:** Tubai Chowdhury
- **User Type:** ☒ Ph.D. Scholar ☐ Postdoctoral Researcher ☐ Bachelor's ☐ Masters
- **Institution Name** : CSIR NCL Pune
- **Institutional Contact No:** 020 2590 2274
- **Research Topic:** Dynamics of heterogeneous solvent systems

Software Request Details

- **Software Name:** Matlab
- **Justification for Software Request:** [Provide detailed explanation of how the software supports your research objectives]

I need the MATLAB software for analysing high-end raw data in various matrix formats due to its powerful computational capabilities and extensive library of built-in functions. It simplifies complex data manipulation, visualization, and statistical analysis, making it ideal for processing large datasets common in ultrafast spectroscopy. Additionally, MATLAB's scripting environment allows me to write efficient, customizable code for advanced data analysis, algorithm development, and automation, streamlining workflows and enhancing reproducibility.

Guide/Supervisor Approval

I, Dr Sayan Bagchi (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: _____

Date: 11/03/2025

Official Stamp/Seal: [Space for Institutional Stamp]

Important Notes

1. This form must be signed and scanned
2. The scanned copy must be uploaded with the software request

Scientist / वैज्ञानिक

Physical & Material Chemistry Division

भौतिक और सामग्री रसायन शास्त्र विभाग

CSIR-National Chemical Laboratory

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