

UG (Under Graduate) CALL FOR PROPOSAL FELLOWSHIP PROGRAM 2025 APPLICATION
For TEXMiN-NIT Agartala Mining CPS CoE

1. **Project Title:**
2. **Student (Name, Department, Email id and Mobile Number):**
3. **Faculty Mentor Details:**
4. **Domain (Please indicate one):**
 - Monitoring and Tracking Technologies for Mines
 - Mine Safety using AI/ML and CPS Technologies
 - 4S Mining (Safe, Smart, Sustainable, and Social Mining)
 - Mineral Exploration, Processing, Extraction and Beneficiation (including innovative ideas involving Cyber-Physical Systems)
 - Critical and Rare Earth Minerals (from Exploration to Extraction)
 - Green Mining Innovations
5. **Executive Summary**
(With pictorial view of the expected prototype/design/Front-End, if possible) (Max 250 words, clearly write how your idea solves the real-world problem related to above mentioned domain)
6. **Objectives (2-3 bullet points):**
7. **Background (Max 500 words):**
8. **Significance/Need of the Project (Max 300 words):**
9. **Technology Gap (2-3 bullet points):**
10. **Genesis of CPS Development into your project:**
11. **Methodology (Max 1 page including flow chart etc.):**
12. **Deliverables/Outcomes (in bullet points):**

(Signature of Applicant)

DECLARATION

(To be submitted by an individual student working in the Product/Technology Development)

I _____, admission no. _____ son/daughter of _____ enrolled in the _____ (UG) program in the Department of _____, NIT Agartala and working in the _____ lab of TEXMiNCoE at NIT Agartala do hereby declare that-

1. I am interested in working in the Product/Technology Development Project entitled “ _____ ” under the mentorship of (Name of the mentor): _____ ,
Designation : _____, Department/organization : _____
2. I shall access the facilities of NIT Agartala labs with due diligence and care, abiding by all the guidelines/instructions laid down by the centre.
3. I shall be responsible for any damage caused by me to the laboratory/infrastructural facility provided during the project.
4. I, hereby, grant an exclusive right over the Intellectual Property (IP) generated under the pilot project done by me to TEXMiNCoE.
5. I, hereby, agree to follow all the rules and regulations of TEXMiNCoE, including the IP Policy.
6. I, hereby, agree not to disclose, share, or publish any details, results, or findings of the project or any related intellectual property to any third party without the prior written consent of TEXMiNCoE. This confidentiality obligation will remain in effect even after the completion of the project.

Date : _____
Applicant: _____

Signature of

Name of

Applicant: _____

Signature of Mentor:

Name of Mentor: