



Government of Jharkhand

Receipt of Online Payment of Stamp Duty

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District Name : Dhanbad

Stamp Duty Paid By : TECHNOLOGY INNOVATION IN
EXPLORATION AND MINING
FOUNDATION

Purpose of stamp duty paid : MEMORANDUM OF AGREEMENT

First Party Name : TECHNOLOGY INNOVATION IN
EXPLORATION AND MINING
FOUNDATION

Second Party Name : NATIONAL INSTITUTE OF TECHNOLOGY
AGARTALA

GRN Number : 2501485672

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इस रसीद का उपयोग केवल एक ही दस्तावेज पर मुद्रांक शुल्क का भुगतान के प्रमाण हेतु ही किया जा सकता है। पुनः प्रिन्ट

Chairman, AR 212
NIT Agartala.

Rajib Saha
Prof. Rajib Saha
Dean (Academic) &
Professor in Civil Engineering Dept.
NIT Agartala.

कर अथवा फोटो कॉपी आदि द्वारा इसी रसीद का दुसरे दस्तावेज पर मुद्रांक शुल्क का भुगतान के प्रमाण हेतु उपयोग भारतीय मुद्रांक अधिनियम, 1899 की धारा 62 अन्तर्गत दण्डनीय अपराध है।



Government of Jharkhand

Receipt of Online Payment of Stamp Duty

**Continued to Page No. 1, MoA for TEXMiN-NITA
Mining CPS COE**

[Signature]
Chairman, AR & IA
NIT Agartala.

[Signature]
Prof. Rajib Saha
Dean (Academic) &
Professor in Civil Engineering Dept.
NIT Agartala.

MEMORANDUM OF AGREEMENT (MoA)

BETWEEN



NATIONAL INSTITUTE OF TECHNOLOGY AGARTALA

And

TEXMiN Foundation

Place: Agartala, Tripura

Date: 30-Mar-2025

MOA between TEXMiN Foundation and National Institute of Technology Agartala

Memorandum of Agreement ('MoA')

This MoA is executed on 30th day of March 2025

By and between

Technology Innovation in Exploration & Mining Foundation a section 8 company established under the aegis of the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS) by the Department of Science and Technology ("DST"), Government of India bearing CIN U73200JH2020NPL015292 and having its registered office at the Institute Innovation Hub (i2h), 3rd Floor, IIT (ISM) Dhanbad, Jharkhand 826004. (hereafter referred to as the "First Party" or "TEXMiN").

AND

National Institute of Technology, Agartala is a premier public engineering and research institution located in Agartala. Established in 2006, recognized as an Institute of National Importance under the Ministry of Education, Government of India. National Institute of Technology, Agartala is known for its excellence in engineering, technology, and scientific research. (Hereafter referred to as the "Second Party" or "Host Institute" or "NITA").

TEXMiN and NITA shall be individually referred to as "Party" and collectively as "Parties".

WHEREAS TEXMiN mission is to advance innovation and technology in the exploration and mining sectors and its core focus areas include initiatives spanning critical and rare earth minerals (from exploration to extraction), green mining innovations, and 4S mining (Safe, Smart, Sustainable, and Social Mining). Additionally, TEXMiN emphasizes mineral exploration, processing, and beneficiation with a focus on incorporating Cyber-Physical Systems, promoting a circular economy, and fostering other cutting-edge technologies within the mining domain to drive sustainable development and innovation.

AND WHEREAS the Parties intend to collaborate to establish a state-of-the-art "TEXMiN–NITA Mining CPS Center of Excellence" ("**CoE/Center/ TEXMiN– NITA Mining CPS Center of Excellence**") at **NIT Agartala**. This Center will focus on developing CPS (Cyberphysical system) solutions that can be commercialized to benefit the mining and allied industry in the NORTH EASTERN region and provide augmentation in technical skills, increase capacity building, hands-on training and paid opportunities for Host Institute candidates as per the TEXMiN / DST, Government of India funding norms.

The purpose of this MoA is to outline areas of cooperation and support. Under this MoA, signed on **30/03/2025** the responsibilities of both Parties and the general terms and conditions are stated below:

A. During the term of this MoA, TEXMiN shall be responsible for the following:

1. TEXMiN will provide financial support for setting up Center for providing Host Institute researchers and innovators for technology development, startup incubation, and capacity building-aligned with TEXMiN's objectives approved by DST under the NM-iCPS Scheme at NIT AGARTALA.
2. TEXMiN will nominate a Single Point of Contact ("**SPOC**") from time to time to ensure the effective operation of the Center.
3. Annual financial support will be provided to implement various schemes for 4 years, including (**detailed in Annexure B**).
 - **Undergraduate/Postgraduate Fellowships:** Five(5) fellowships of INR 10,000/- (Indian Rupees Ten Thousand each) per year.
 - **Project Grants:** One (1) transitional R&D projects funded up to INR 13,00,000 (Indian Rupees Thirteen Lakh) per year.
 - **Startup Support:** Three Entrepreneur-in-Residence (EIR)/ Preincubation/ Consumables grants per year for student, alumni, and Host Institute startups.
4. Financial support of upto INR 6,00,000/- (Indian Rupees Six Lakh each) per year will be provided for Center operations. This includes up to INR 45,000/- (Indian Rupees Forty-Five Thousand) per month for a designated center-in-charge.
5. TEXMiN will provide technologies and solutions such as GIS, immersive technologies, IoT, AI/ML, critical minerals, REE and others to undertake commercial projects in collaboration with Host Institute, based on payment terms determined on a case-by- case basis.
6. TEXMiN will extend technological and industry support to researchers, innovators, and beneficiaries associated with the Center.
7. Payment disbursement terms will be as outlined in **Annexure A**.
8. Center operations mandate has been mentioned in **Annexure C**.

B. During the term of this MoA, Host Institute shall be responsible for the following:

1. Administrativeandinfrastructuralsupportalongwithrequiredfurniturewillbeprovided for establishing the TEXMiN– NITA Center of Excellence, based at NIT Agartala. This includes dedicated building space with civil work, fixed interiors, air- conditioning, uninterrupted power supply, and other amenities. A 500–700 Square feet suitable space, equipped with power and internet will also be provided rent-free.

2. The CoE will consist of three primary components: a central-in-charge cabin, a meeting/ideation room, and a lobby area. The CoE shall at all times display the logo of TEXMiN, in legible letters at conspicuous position or at any other appropriate places as determined by TEXMiN.
3. NITA will be responsible for the set up and operation of CoE; maintenance and safekeeping of assets and infrastructure under this CoE. Any additional IT-related infrastructure not outlined in **Annexure D** will fall under the purview of NITA.
4. TEXMiN technologies and solutions will be leveraged to address various applications in mining and allied industries. These technologies may also be used for collaboration with industries, academic institutions, and research & development organizations, serving to advance the mining and allied sectors.
5. The overall governance of the CoE, including the management team, deliverable monitoring, and driving the project roadmap with all stakeholders, shall be managed by the Host Institute.
6. Host Institute will ensure the physical security, maintenance, and upkeep of equipment and facilities within the TEXMiN– NITA Mining CPS Center of Excellence.
7. Host Institute, in collaboration with TEXMiN, will actively pursue relevant business opportunities to ensure the Center's sustainability. The combined expertise of Host Institute and TEXMiN will be utilized in areas aligned with the nature and scope of the work.
8. Host Institute will use the TEXMiN– NITA CPS Center of Excellence to carry out its mandated activities, including technology development, capacity building, innovation, incubation, entrepreneurship, and more.
9. Host Institute is responsible for providing references and information about the TEXMiN– NITA Mining CPS Center of Excellence to industry and prospects. The content will be mutually discussed and agreed upon in writing.
10. A single point of contact (SPOC) or center-in-charge will be appointed for managing the operations of the Center.
11. The Host Institute before execution of this MoA should provide documentation confirming eligibility for tax exemption under Section 10(23C) or Section 12AA of the Income Tax Act.
12. Training and skill development programs for institutional candidates will be developed, as mutually agreed by both the Parties in writing.
13. The hiring process for the center-in-charge and operational staff for the CoE activities will be initiated by the Host Institute.
14. To utilize the funds made by TEXMiN as per approved DST/General Financial Rule (GFR), 2017 norms and to provide quarterly utilization certificate/ statement of

expenditure within 30 days ending a given quarter in the format required by TEXMiN or as per written request from TEXMiN for the funds provided to NITA whichever is earlier.

Note: The payment terms have been referred under Annexure A.

C. General terms and conditions:

1. All the asset (hardware and software) acquired or created under the agreement for CoE can be used for commercial/industrial projects/consulting/research/educational purposes with prior intimation to TEXMiN. However, TEXMiN shall not be held responsible directly or indirectly for acts, omission, results, consequences, outcomes arising out of the use of CoE's asset in connection with such projects.
2. TEXMiN reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of grants given (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR, 2017) shall not be disposed of without obtaining prior approval from TEXMiN.
3. DST provides TEXMiN, time to time, under specialized heads viz SC/ST/EWS etc. Budget may be allocated by TEXMiN to the Host Institute under these heads. In all such cases, Host institute agrees to abide by the rules and regulations of expenditure under such heads, and provide Utilization Certificate accordingly.
4. The grant-in-aid being released is subject to the condition that
 - (a) A certificate will be submitted by the Host Institute immediately on receipt of the grant.
 - (b) A transparent procurement procedure in line with the Provisions of General Financial Rules, 2017 will be followed by the Host Institute under the appropriate rules of the Host Institute while procuring capital assets sanctioned for the purpose outlined in this MoA .
 - (c) While submitting utilization certificate/statement of expenditure, the Host Institute has to ensure submission of supporting documentary evidence with regard to purchase of equipment/capital assets as per the provision of GFR, 2017. Subsequent release of grants under this MoA shall be considered only on receipt of the said documents.
5. The scope of this MoA shall be strictly limited to the terms and conditions agreed upon between the Parties. Any changes agreed-upon to this MoA shall be subject to separate discussion & agreement between the Parties which shall be enforceable and have an overriding / supplemental effect on this MoA if the same is recorded and executed as a supplemental MoA
6. All operations conducted within the CoE shall be under the exclusive control and responsibility of NITA. TEXMiN shall not bear any responsibility for the day-to- day operations within the CoE, unless otherwise explicitly agreed in writing by TEXMiN

7. **Marketing:** Both the Parties may have joint /co-marketing activities and expenditure for the same will be done as per prior mutual written agreement for each such event.
8. **Term:** This MoA shall be valid for a period of 4 (Four) years from the execution date of this MoA and can be renewed on mutually acceptable terms and conditions. Clause 2, 11(*Termination*), 15(*Documents Confidentiality & Non-Disclosure*), 22(*Intellectual Property*), 23(*Revenue Generation*), 27(*Force Majeure*) and 28 (*Governing Law & Dispute Resolution*) of this Clause will survive even post termination of this MoA. The term of this MoA shall commence on and continue through the period described above unless terminated earlier as provided herein. However, the TEXMiN – NITA CoE established under this MoA shall remain an integral part of NITA except asset created out of grants and revenue rights generated from CoE post closure of CoE
9. In case the MoA is terminated due to any reason whatsoever, the assets acquired for the CoE will be transferred to TEXMiN and should not, without prior sanction of TEXMiN, be disposed of or encumbered or utilized for the purposes other than those for which the grant has been sanctioned.
10. NITA shall take adequate care towards custody, safekeeping and utilization of access of properties acquired under this MoA and any cost incurred towards above activities will be borne equally by the Parties; TEXMiN shall provide the required online/offline support for running and operating the activities in the CoE.
11. TEXMiN shall provide operational and mentorship support as a part of this MoA from the commissioning of the Center to run its activities. During this period, Center shall run activities and programs like technology development, capacity building programs, startup/innovation activities etc. The schemes shall run as per the norms of TEXMiN/DST and NITA through the Center shall also run similar programs and schemes.
12. **Termination:** Notwithstanding anything contained in this MoA, either Party shall have the right to terminate this MoA in whole or in part pursuant hereto forthwith if:
 - a. The other Party commits a material breach of any of the terms of this MoA and fails to cure such material breach within thirty (30) days after written notice of such breach.
 - b. Either Party commits or causes other Party to be in breach of applicable laws.
 - c. Termination without cause: A Party willing to terminate the MoA, without cause, shall give a written notice of its intention to terminate, at least sixty (60) days prior to the proposed date of termination of this MoA. The termination of this MoA whether, mutual or unilateral, shall not affect obligations of any ongoing activity.
 - d. Consequences of termination: Upon the expiration or termination of this MoA, (a) all services to be provided will promptly cease, (b) each of the Party shall, upon request of the other Party, promptly return or destroy all non-public Confidential Information received from the other Party in connection with this MoA (including the return of all information received regarding or in connection with the provisions of the services), without retaining a copy thereof (other than one copy for records purposes) and the receiving Party shall promptly notify

the other Party with evidence / certificate of returning or destroying the other party Confidential Information and (c) each Party shall honour all credits and make any accrued and unpaid payment to the other Party as required pursuant to the terms of this MoA, and no rights already accrued hereunder shall be affected.

Notwithstanding anything contained in this MoA, for the purpose of this Clause 11, TEXMiN shall have the sole authority to decide the material breach.

13. In case there is any inconsistency among (i) The MoA (ii) the project proposal of NITA submitted to TEXMiN, and (iii) any other documents referred to herein (in each case, to the extent not inconsistent with this MoA), the provisions of MoA shall prevail over the conflicting provisions embodied in documents referred in point (ii) and (iii) above. If there is any inconsistency between the documents under point (ii) and (iii) above, the provisions of documents point (ii) prevail.
14. **Entirety:** (i) The MoA, and (ii) the project proposal of NITA submitted to TEXMiN, and (iii) any other documents referred to herein (in each case, to the extent not inconsistent with this MoA) constitute the entire and only agreement between the Parties relating to the subject matter hereof and supersedes and extinguish any prior drafts, MoAs, undertakings, representations, non-comprehensive warranties and arrangements of any nature whatsoever, whether or not in writing, relating thereto.
- 15. Representative: the Parties shall appoint a representative each to manage and oversee the collaboration requirements. Any change of representative of one Party should be intimated to the other Party within 30 days of such change. The agreed representatives are as follows:**

If to “TEXMiN”, at:

Kind attention: Prof. Dheeraj Kumar
Director, TEXMiN, IIT(ISM) Dhanbad
Location : Dhanbad, Jharkhand - 826004
Cell: +91 94317 11199

If to “NIT Agartala”, at:

Kind attention: Prof. Rajib Saha
Professor and Dean (Academic Affairs), Department of Civil Engineering
Location: NIT Agartala, Tripura, India. PIN: 799046
Cell: +91 9436125024

An escalation matrix defined below must be followed to discuss concerns, if any:

ESCALATION MATRIX						
Levels	For TEXMiN (Name)	Mobile	Email Id	For NIT Agartala (Name)	Mobile	Email Id
1st Level	Mohd Danish	8707896858	cbdo@texmin.in	Suyel Namasudra, PhD	+91 9707046535	suyelnamasudra@gmail.com
2nd Level	Suraj Prakash	8707896858	ceo@texmin.in	Prof. Ranjan Das	+91 9872735899	ranjandas81@gmail.com
3rd Level	Prof. Dheeraj Kumar	94317111 99	dheeraj@iitism.ac.in	Prof. Rajib Saha	+91 9436125024	rajib.iitbbsr@gmail.com

16. **Documents Confidentiality & Non-Disclosure:** Neither Party shall, without the prior written consent of the other Party disclose to any third party the contents of this MoA or any information obtained by either Party in performance of or in connection with this MoA. The Parties agree to take all reasonable measures to maintain the confidentiality of all such Confidential Information (Defined here in below) which in no event will be less than the measures it uses to maintain the confidentiality of its own information of similar importance. However, neither Party will be required to obtain the consent of the other Party to disclose the existence of this MoA. All Confidential Information disclosed pursuant to this MoA shall be used exclusively for the purpose for which it was agreed upon, unless agreed upon by both Parties, in writing. However, that Confidential Information shall not include any information which a Party can show that (i) it is in or comes into the public domain otherwise than through breach of this MoA or the fault of the receiving Party, or (ii) has been lawfully received from a third party without restriction as to its use or disclosure, or (iii) was already in receiving Party's possession free of any such restriction before receipt from the disclosing Party, or (iv) was independently developed by the receiving Party without making use of the Confidential Information, or (v) has been approved for release or use (in either case without restriction) by express written authorization of the disclosing Party. The Parties agree that all information obtained, developed, created, or disclosed including all documents, data, sensitive personal information, information relating to hardware and software including its technical specifications, use, pricing, papers and statements of the Parties shall be considered to be confidential and proprietary information ("**Confidential Information**"). This obligation shall survive the termination of this MoA.

17. The Parties acknowledge and agree that the areas of co-operation under this MoA are being undertaken on a non-exclusive basis and either Party shall be free to enter into or similar collaborations with other parties in India or elsewhere maintaining the confidentiality of the Parties.


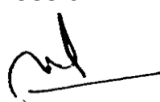
18. Both Parties agree that they are not liable to each other for any damages including any special, incidental, consequential, direct or indirect damages arising out of any claims under this MoA or in connection with it or its subject matter.

19. Nothing in this MoA will be deemed to constitute or create a joint venture, partnership or other formal business entity or fiduciary relationship between the Parties. Neither Party shall assert any claim for damages or injury arising from this MoA or reliance on any of the provisions of this MoA.

20. **Compliances:** Each Party agrees to perform its activities in compliance with all applicable statutes and regulations that are in force at that time including any export laws and anti-corruption laws.
21. Each Party undertakes to procure (so far as it is legally able) that they, respectively, maintain and regularly keep under review on an on-going basis internal accounting controls which are designed to ensure compliance by the Parties and its respective directors, officers and employees with the provisions of the applicable Indian anti-bribery laws.
22. **Assignment:** No Party hereto shall assign or transfer its rights or delegate its obligations under this MoA without the prior written consent of the other Party.
23. **Intellectual Property:** Each Party shall always remain the sole and exclusive owner of all rights, title and interest in and to the Intellectual Property (“IP”) that it owned or used prior to entering into this MoA, or that it developed independently out of its own activities carried out using its own resources outside the performance of this MoA. This clause shall survive the termination of this MoA. Any IPs generated by the Center or by the Parties under the terms of this MoA shall be jointly owned by the Parties and the cost of registration shall be equally borne by both the Parties.
24. **Revenue Generation:** Any revenue generated by the CoE shall belong to the CoE during its operation. Upon closure of the CoE, all revenue rights that accrue from the Center shall transfer to TEXMiN.
25. TEXMiN shall not be held responsible for any direct or indirect damage, claims, liabilities, costs, or expenses arising in connection with the technology, solutions, mentorship and guidance (“Products”) provided. In the event that Products provided by TEXMiN is utilized by CoE’s in any manner as hardware and/or software in the execution of any commercial or industrial projects, TEXMiN shall not be held responsible whether directly or indirectly for any acts, omission, results, consequences, outcomes arising out of the use of TEXMiN’s Products in connection with such projects unless it is expressly agreed in writing between the Parties. NIT Agartala acknowledges and agrees that utilization of TEXMiN’s Products /CoE’s hardware and/or software in any commercial or industrial projects, etc. shall be NIT Agartala sole responsibility.
26. **Insurance:** Throughout the Term of this MoA, each Party shall, at its sole cost and expense, maintain the minimum amounts of insurance coverage if required by local laws.
27. **Access to the Center of Excellence:** TEXMiN has the right to bring its startups, researchers, consultants, customers, clients, channel partners, vendors etc. for demonstrations or any other activities during NIT Agartala’s regular working hours, without any additional costs. TEXMiN shall ensure that such visits adhere to the policies and guidelines established by the CoE to maintain a secure working environment.

28. **Force Majeure:** (i) Neither Party shall be liable to the other for delay in performing or failure to perform any of its obligations hereunder if and to the extent that such delay or failure to perform is due to Force Majeure Event (ii) The Party shall not be liable to the delay if such Force Majeure Event is beyond the control of the Party or which could not have been reasonably foreseen and avoided by the exercise of due care and diligence consistent with the exercise of reasonable business judgment. (iii) If either Party is so delayed or unable to perform its obligations as a result thereof, in whole or in part, such Party shall promptly notify but no later than 3 (three) days to the other Party thereof in writing, explaining the reason for such delay or inability to perform and shall, to the extent reasonable and lawful under the circumstances. (iv) The Party shall use its reasonable endeavors to remove or remedy such cause and as soon as reasonably possible resume performance of its obligations. (v) Once the Force Majeure Event has ceased, the affected party shall notify the other Party and resume performance of its obligations under this MoA without undue delay. (vi) The suspension of obligations due to the Force Majeure Event shall not extend the term of this MoA unless otherwise agreed by the Parties. (vii) The Parties will continue to remain liable for any act or omission or any default incurred by them before the Force Majeure event. For the purpose of this clause a "**Force Majeure Event**" refers to any event or circumstance beyond the reasonable control of either party, including but not limited to acts of God, fire, flood, earthquake, war, terrorism, strikes, government actions, pandemics, or any other event that renders performance under this MoA impossible or impracticable.
29. **Governing Law & Dispute Resolution:** This MoA shall be governed by the laws of India. Any dispute between the Parties arising out of or relating to this MoA, including with respect to the interpretation of any provision of this MoA, shall be resolved by arbitration by a single arbitrator appointed mutually by both Parties. The arbitration proceedings shall be in accordance with the Arbitration and Conciliation Act, 1996. The venue of the arbitration proceedings shall be at Dhanbad. The award of the arbitrator shall be final and binding upon the Parties and the Parties agree to be bound by the same. The Party in whose favor the award is given may seek to enforce the same in a court having jurisdiction. Subject to the foregoing, the Parties submit themselves exclusively to the jurisdiction of competent courts at Dhanbad.
30. This MoA is executed in duplicate with each copy being an original version and having equal validity. By signing below, the Parties, acting by their duly authorised offices, have caused this MoA to be executed, effective as of the day and year first above written.

Signed on 30 March 2025. 30th March 2025

For and on behalf of TEXMiN	For and on behalf of NIT Agartala
Signature Name: Dheeraj Kumar Designation: Director, TEXMiN, IIT(ISM) Dhanbad	Signature  Name: Prof. Sarat Kumar Patra Designation: Director, NIT Agartala
Witness 01: Name: Suraj Prakash Designation: CEO, TEXMiN, IIT(ISM) Dhanbad	Witness 01:  Name: Prof. Manish Pal Designation: Professor and Chairman (Accreditation Ranking & Industrial Relation), NIT Agartala
Witness 02: Name: Muhammed Danish Designation: CBDO, TEXMiN, IIT(ISM) Dhanbad	Witness 02: Name: Suyel Namasudra, PhD Designation: Assistant Professor and Associate Dean (PG), NIT Agartala

➤ **Witness 03**


Prof. Rajib Saha
Dean (Academic) &
Professor in Civil Engineering Dept.
NIT Agartala.

Annexure A (Payment Terms - CoE)

#	Milestones	% of the Amount
1.	Upon Signing of MoA	100% (for first year)
2.	Upon Submission of UC/SE for 1 st year as per TEXMiN norms	100% (for 2 nd year year)

Annexure B (Financial contribution for establishing the Center to NIT Agartala for the creation and operation of the facility) for 4 Years

4-year TEXMiN-Mining CPS CoE Outlay					
Heads	FY 25-26 (INR IN LAKH)	FY 26-27 (INR IN LAKH)	FY 27-28 (INR IN LAKH)	FY 28-29 (INR IN LAKH)	Total (INR IN LAKH)
Technology Development Project (1 project) up to INR 13,00,000/- each	13.0	13.0	13.0	13.0	52.0
Pre-incubation facility for students up to 3 no. x 2,00,000/- each	6.0	6.0	6.0	6.0	24.0
Fellowships for UG/PG (5 fellowship) INR10,000/- each	5.0	5.0	5.0	5.0	20.0
Center Operations (center-in-charge-Manpower)	5.4	5.4	5.4	5.4	21.6
Contingency for center operation management	0.6	0.6	0.6	0.6	2.4
Total	30.0	30.0	30.0	30.0	120.0

Note: DST provides TEXMiN, time to time, under specialized heads viz SC/ST/EWS etc. Budget may be allocated by TEXMiN to the Host Institute under these heads. In all such cases, Host institute agrees to abide by the rules and regulations of expenditure under such heads, and provide Utilization Certificate accordingly. In all decisions related to selection of the beneficiaries of the grant-in-aid (startups/ entrepreneurs/TD project beneficiaries), a TEXMiN nominee shall be present, TEXMiN startup and Technology Development policy shall be followed, as per DST norms.

Annexure C: Center Operation Mandate for TEXMiN-CoE

1. Technology Development Projects

- I. Call for Proposals by TEXMiN shall be circulated amongst the Institute faculty for getting Technology Proposals as per TEXMiN guidelines issued time on time.
- II. Shortlisting shall be done by the center-in-charge from the Host Institute for the project.
- III. center-in-Charge shall collect the TD form from PI,s to TEXMiN for records.
- IV. Once a project is allocated, TEXMiN reserves the right for periodic evaluation of project through its own process.

2. Allocation of Fellowships

- I. Fellowships for Undergraduate (UG) and Postgraduate (PG) students will be awarded after evaluation by an internal scrutiny committee.
- II. The committee will ensure that fellowship recipients are working on projects aligned with TEXMiN's objectives.

3. Center Operations Management

A designated **Center Operations In-charge** will be responsible for managing the day-to-day operations of the center which includes the following job responsibilities:

- I. Disseminating information among Host Institute faculty and research groups about TEXMiN objectives and guidelines.
- II. Collecting project proposals from interested applicants.
- III. Selection of beneficiaries as per Host Institute set up process, aimed to fulfil TEXMiN objectives.
- IV. Conduct workshops/seminars etc for the development of Host Institute faculty and students.
- V. Strive to make the Center sustainable with combined efforts of TEXMiN and Host Institute.
- VI. The in-charge will oversee project execution, infrastructure record keeping and maintenance, manage funds allocation as per TEXMiN guidelines, and coordination with TEXMiN and Host Institute stakeholders.

4. Capacity Building Programs

- I. Capacity-building initiatives, such as workshops, seminars, and training programs, should be conducted regularly in collaboratively by TEXMiN and the Host Institute, to augment the capabilities in CPS technologies for mining/exploration sector.
- II. These programs will focus on advancing skills and knowledge in areas aligned with TEXMiN's technological and innovation goals.

5. Allocation of TD Projects, Startups, and Fellowships

- I. All Technology Development (TD) projects, startup support, and fellowships will be allotted exclusively to the partner institutes with whom a Memorandum of Agreement (MoA) has been signed.
- II. The projects will focus on research, development, and innovation in alignment with TEXMiN's core objectives and industrial needs.

6. Collaboration with Partner Institutes

- I. The CoE will act as a collaborative platform between TEXMiN and the partner institute, facilitating knowledge transfer, innovation, and joint ventures in mining and allied industries.
- II. TEXMiN will provide technological, financial, mentorship, and industry support to maximize the impact of the CoE initiatives.

Annexure D: TEXMiN-COE Facility Setup-Financial Breakup

TEXMiN-COE Center's Facility				
Sl. No.	Particulars	Description	Quantity	Price (In INR)
1	Desktop Workstation	Intel Core i9-13900 (24core 30MB cache) / 32GB RAM + 32GB RAM (64GB RAM) / 1TB SSD / T400 Graphic Card 4GB/ Wi-Fi-Wireless (Intel Wi-Fi 6E AX211, 2x2, 802.11ax, Bluetooth wireless card, internal)/ Wireless or Wired keyboard and mouse, Monitor -32" Warranty 3 years / OS- Windows 11/ Software-MS Office	1 no.	1,60,000.00
2	Interactive Panel	65" Interactive with OPS Kit	1 no.	1,68,000.00
3	OPS Kit	Intel Core i5, 11th Gen, Win 10, 8GB RAM, 256GB SSD, HDMI IN, HDMI OUT, USB, LAN etc		
4	Printer	Multi-Function Printer Laserjet Printer (HP/Epson)-RGB	1 no.	35,000.00
5	UPS	1KVA	1 no.	7,000.00
6	Meetup	Logitech (Audio/Video System)	1 no.	80,000.00
7	CCTV	Indoor Dome/Bullet with Hard Disk 500GB	2 nos.	10,000.00
8	Design & Branding		1 no.	40,000.00
9	Miscellaneous			3,00,000.0
Grand Total (INR)				8,00,000.00