

# **Semi-Annual Environmental Monitoring Report-1**

Project Number: 50140-002

Reporting Period: From January to June 2025

Date: July 2025 (Revised)

## **BAN: Improving Computer and Software Engineering Tertiary Education Project**

ADB Loan Number: 4348-BAN (COL)

Prepared by the University Grant Commission, Ministry of Education, Bangladesh  
for the Asian Development Bank

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## ABBREVIATIONS

ADB	= Asian Development Bank
BUET	= Bangladesh University of Engineering and Technology
CSE/IT	= Computer Science and Engineering and Information Technology
DOE	= Department of Environment
DU	= Dhaka University
ECA	= Environmental Conservation Act
ECE	= Electrical and Computer Engineering
ECC	= Environmental Clearance Certificate
ECR	= Environmental Conservation Rules
ECP	= Environmental Code of Practice
EHS	= Environmental Health and Safety
EMP	= Environmental Management Plan
JUST	= Jashore University of Science and Technology
GRC	= Grievance Redress Committee
GRM	= Grievance Redress Mechanism
ICT	= Information and Communication Technology
IEE	= Initial Environmental Examination
M&E	= Monitoring and Evaluation
MOE	= Ministry of Education
PCC	= Project Coordination Committee
PIC	= Project Implementation Committee
PIU	= Project Implementation Unit
PMU	= Project Management Unit
PPE	= Personal Protective Equipment
PSC	= Project Steering Committee
R&D	= Research and Development
SPS	= Safeguard Policy Statement
SHED	= Secondary and Higher Education Division
UGC	= University Grants Commission

## EXECUTIVE SUMMARY

The Improving Computer and Software Engineering Tertiary Education Project (ICSETEP), commenced on November 2023 and the revised closing date is December 2028. The present report is the First Semi-Annual Environmental Monitoring Report has been prepared under this loan project. This report compiles environmental monitoring results into a single document to comply with the spirit of ADB policy to “enhance stakeholders’ trust in and ability to engage with ADB, and thereby increase the development impact [of projects]” in which disclosure of safeguard monitoring is a prominent aspect.

The Improving Computer and Software Engineering Tertiary Education Project (the project, ICSETEP) will support the government in strengthening the computer science and engineering, software engineering and information technology (CSE/IT) programs in three selected university: Bangladesh University of Engineering and Technology (BUET), University of Dhaka (DU) and Jashore University of Science and Technology (JUST).

Regarding the ADB Safeguard Policy Statement (SPS) 2009, the ICSETEP is classified as Category B with respect to environment as the civil works for the new buildings of CSE departments at BUET, JUST and Institute of Information Technology at DU will have location-specific, time-bound impacts during construction. The proposed land for the project is inside the 3 universities campus and university’s own land, no land acquisition and resettlement issues are there. At the DU site, no demolition works will be undertaken without prior assurance to current occupants for and allocation of housing or accommodation in the new staff housing. In BUET site no civil works will commence prior to the relocation of the two small graveyards following the requirements of the Ministry of Liberation War Affairs and SPS 2009.

Covenants written into the loan agreement that are related to environmental and resettlement safeguards are described. For the most part these refer to actions that need to be taken up during the implementation of project construction activities. Considering the present project activity loan covenants are initiated to fulfill the compliance, during implementation activities PIU will be committed to maintain the compliance.

Three IEEs are prepared during PPTA period for three proposed buildings. As the design and location of building inside the JUST campus is little bit relocated and baseline status at the surrounding site is also changed, ADB Safeguard Team suggested to update the previously prepared IEE and EMP. The updating of previous IEE is in progress, site visits, consultation meeting with JUST Authority and design consultant team has been completed. To fix the present baseline information secondary data has been collected and field monitoring test (Air, Noise, Water and Soil) are in progress.

Capacity building and awareness program regarding EMP implementation will be done at construction period. Environmental monitoring will occur at the project site by observing performance during project implementation. Environmental specifications will be included in construction tender documents, allowing impacts to be mitigated during the construction phase of the project. Several discussion meetings have been done with PIU JUST and Design Consultant Team to assure the inclusion of EMP and EMP monitoring items in bid document and BoQ.

The monitoring system will consist of observations and checklists for comparison with contractor performance in line with the construction specifications and the project EMP. Performance tracking will be used in a manner that provides consistent semi-annual reporting, with the objective of improving performance of contractors. During consultation with staff occupied in those tin shaded housing, they are informed and ready to shift themselves to the newly constructed staff housing near Palashi in DU area. PIU is requested to provide a relocation plan with timeframe to PMU. Relocation of 2 graveyards from project site are already been completed to other suitable place inside BUET area after consent with relatives of buried decease in presence of BUET Head Imam maintaining Muslim ritual. Consent letter and photographs on before and present location has been included in annex and in the report respectively.

GRC will be formed at the PMU during implementation stage of the project following the guideline as per project PAM. ICSETEP Project implementation is in beginning stage and safeguard compliance is an important and highly valued aspect. All elements are in place for enacting an efficient safeguard framework, beginning with preparation of environmental review documents, incorporation of special conditions for environmental, social, labor, health and safety measures in contract procurement documents, and a high level of awareness among PMU, PIU, Project staff and the Contractors.

## I. INTRODUCTION

### A. Purpose of the Report

1. ADB Loan 4348-BAN (COL), the Improving Computer and Software Engineering Tertiary Education Project, commenced on November 2023 and the implementation consultants (Environment Specialist) joined the project officially in the February 12, 2025 with intermittent input basis as when require. Environment Specialist was hired directly by the PMU during the month of February 2025 with intermittent basis throughout the project implementation period and direct input was started during May and July 2025. The present report is the First Semi-Annual Environmental Monitoring Report has been prepared under the loan project.

2. The ADB Public Communications Policy (PCP 2011) references the Safeguard Policy Statement (SPS 2009) in respect to information disclosure related to project safeguard documentation, and states that “ADB shall post on its website [among PMU and PIU] the documents prepared and submitted by the PIU, also the environmental monitoring reports, upon receipt and concur by ADB.” The requirement of (PCP 2011) and SPS (2009) is to posting of “IEEs and SEMP’s reports submitted by the PIUs and prepared by the contractors respectively during project implementation time upon receipt” and goes on to specify under “Monitoring and Reporting” that “the PIU will submit semiannual monitoring reports during construction for projects semiannually likely to have significant adverse impact if any on environmental and social with mitigation measures”. All the reports will be disclosed in PIU, PMU and ADB Website. The PMU website link is “[icsetep.ugc.gov.bd](http://icsetep.ugc.gov.bd).”

3. This report compiles environmental monitoring results into a single document to comply with the spirit of ADB policy to “enhance stakeholders’ trust in and ability to engage with ADB, and thereby increase the development impact [of projects]” in which disclosure of safeguard monitoring is a prominent aspect. Up to this reporting period 3 proposed construction sites are visited, discussion meeting was held with PIU heads of DU, BUET and JUST. Discussion meeting with the staff of DU residing at the sheds on the proposed construction site at DU. They is already noticed by the University Authority to relocate them to newly constructed residential building near Palashi area with the DU campus. As the design tender document of the proposed building was prepared earlier and tender floated before engagement of Environment Specialist at PMU. At this stage tender received and evaluation under process. PIU informed the after completion of evaluation the bid document will be shared with PMU and any amendment will be incorporated before contract signing between the contractor and PIU. During visit to the proposed site at BUET, two graveyards are already shifted to another suitable location at the BUET area with maintaining ritual obligation and mutual understanding with relatives of buried decease. Design of the proposed building is in progress, during preparation of estimation,

preparation of BoQ and Bid document EMP and EMP monitoring items will be included in the bid document with consultation with PMU. During site visit to JUST consultation meeting was held with PIU head, Engineering Section of JUST, Registrar and Deputy Registrar (Security) and Professor, Department of Climate and Disaster Management regarding green building design, occupancy type, capacity, safety & security, water consumption, inclusion of solar panel, day care center, ramp for disabled people, separate toilets and common rooms blocks negotiation of up to date baseline monitoring field test for updating the existing IEE etc.

## **B. Brief Project Description**

4. The Improving Computer and Software Engineering Tertiary Education Project (the project, ICSETEP) will support the government in strengthening the computer science and engineering, software engineering and information technology (CSE/IT) programs in three selected university: Bangladesh University of Engineering and Technology (BUET), University of Dhaka (DU) and Jashore University of Science and Technology (JUST). It aims to increase job-ready graduates, increase research and development (R&D) capacity through industry collaboration and interdisciplinary research projects and develop technology entrepreneurship. The direct beneficiaries will be the graduates of the universities in terms of better knowledge and skills, and the local IT industry. The information technology (IT) industry will get adequate number of qualified human resources who will contribute to increased productivity and R&D activities.

5. The project is aligned with the government's Eighth-Five Year Plan in the following impact a highly skilled labor force equipped with technical and professional expertise developed. The project will have the following outcome: industry responsiveness of tertiary level CSE/IT programs at tertiary education is fully aligned with ADB's country partnership strategy, 2021-2025 for Bangladesh where ADB interventions aim at strengthening human capital and social protection.

6. Out of four objectives Output 1 is the modern learning, research and startup facilities established. This output will support the three universities to develop classrooms, laboratories, industry collaboration and startup space, and auxiliary facilities. Startup space will provide aspiring entrepreneurs with office space and a credible business address, collaboration and networking spaces, meeting and communication facilities, and business development services. ADB will help the universities to adopt green building features for energy and water saving, climate and disaster-resilient design. The buildings will also include women-friendly facilities, such as an adequate number, and quality sanitation facilities, female students' study areas, female staff lounges, day care services, as well as security and safety features such as access control systems, increased lighting at night, and video surveillance systems.

7. The procurement plan includes (i) Civil works for the CSE departments at BUET, JUST and Institute of Information Technology at DU; (ii) goods contracts for equipment and furniture for the PMU, PIU offices and new buildings at the universities, and vehicles for the PMU and universities; and (iii) services.

8. Three universities, BUET, DU and JUST will carry out procurement activities for the university level activities and procurement packages including the department buildings. For civil works and goods, these three universities will use the Electronic Government Procurement (e-GP) System.

### C. Project Progress Status and Implementation Schedule

9. There are three multi-storied building will be constructed on the proposed site at three PIUs i.e. DU, BUET and JUST. At the Dhaka University campus, a 13-storied IT Hub RCC Frame structural Non-residential Building with 15-storied foundation including 2 basements. In BUET campus 10-storied Academic RCC Frame structural Building (Keeping provision for 20-storied foundation) with 3 basements. In JUST campus IT Excellency Center 10-storied Non-residential RCC Frame structural Building with 10-storied foundation will be constructed under this project ICSETEP.

10. Three Different Groups of Design Teams are engaged in 3 PIUs for preparation of Architectural, Structural, Electrical with Electro-Mechanical, Sanitary, Fire Alarms with Fire Safety design and preparation of estimation with BoQs and Bid Documents. Previously completed Architectural and structural design, estimation and bid document, tender was floated for Construction of 13-storied with 15-storied foundation including 2 basements building at DU campus. Evaluation of tender is in progress. Architectural design for remaining two building at BUET and JUST are in progress. Review and comments from different concern authorities and included in the design consideration.

11. The Revised implementation schedule for the construction of 3 Multi-storied Building at 3 PIUs are as follow:

**Table 1: Implementation Schedule of the Proposed Civil Works of 3 Buildings**

Activities of Works	2025				2026				2027				
	PIU	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Engagement of Design Consultant	DU	In the year 2023											
	BUET												
	JUST												
Preparation of Architectural Design	DU	In the year 2023											
	BUET												
	JUST												
Preparation of Structural,	DU	In the year 2023											

Electrical and Sanitary Design	BUET													
	JUST													
Preparation of Estimation, BoQs and Bid Documents	DU	In the year 2023												
	BUET													
	JUST													
Floating of Bid	DU	In the year 2024												
	BUET													
	JUST													
Tender Received and Evaluation	DU													
	BUET													
	JUST													
Award of Contract	DU													
	BUET													
	JUST													
Commencement of Works and Implementation	DU													
	BUET													
	JUST													
Engagement of Supervision Consultant and Implementation	DU													
	BUET													
	JUST													
Contractor's Site Specific EMP	DU													
	BUET													
	JUST													
Contractor Mobilization of HSE Officers	DU													
	BUET													
	JUST													
GRC Establishment	DU													
	BUET													
	JUST													
Baseline Monitoring and GRC Activation	DU													
	BUET													
	JUST													

**Table 2: Safeguard Document and Disclosure Status as of June 2025**

University	Preparation of IEE	Disclosure on ADB Website	Disclosure on ICSETEP Website	SEMP Prepared by the Contractor	Disclosure on ADB Website	Disclosure on ICSETEP Website	Remarks
	(Yes/No)	(Yes/No)	(Yes/No)	(Yes/No)	(Yes/No)	(Yes/No)	
DU	Yes	Yes	No	No	No	No	
BUET	Yes	Yes	No	No	No	No	
JUST	Yes	Yes	No	No	No	No	Update of IEE is in progress

12. Secondary and Higher Education Division (SHED), Ministry of Education in the Executing Agency of the Project, oversee the implementation through the University Grants Commission, Bangladesh. The Project Implementation review meeting has been held in every month at the Ministry. The latest meeting was held in last 20th July 2025.

13. The Project Steering Committee (PSC) has been provided overall guidance to the project on strategy for development and support university policy dialogue. PSC has been approved the annual implementation plan and review the progress and performance against the annual plan as well as overall project log frame, especially in outcome target indicators. The PSC has been met on quarterly basis, after receiving project quarterly progress reports to discuss any issues related to project performance, procurement process, utilization of funds, and others. The PSC meeting has been chaired by Secretary, Ministry of Secondary and Higher Education Division and the last meeting was held on 18 December, 2024.

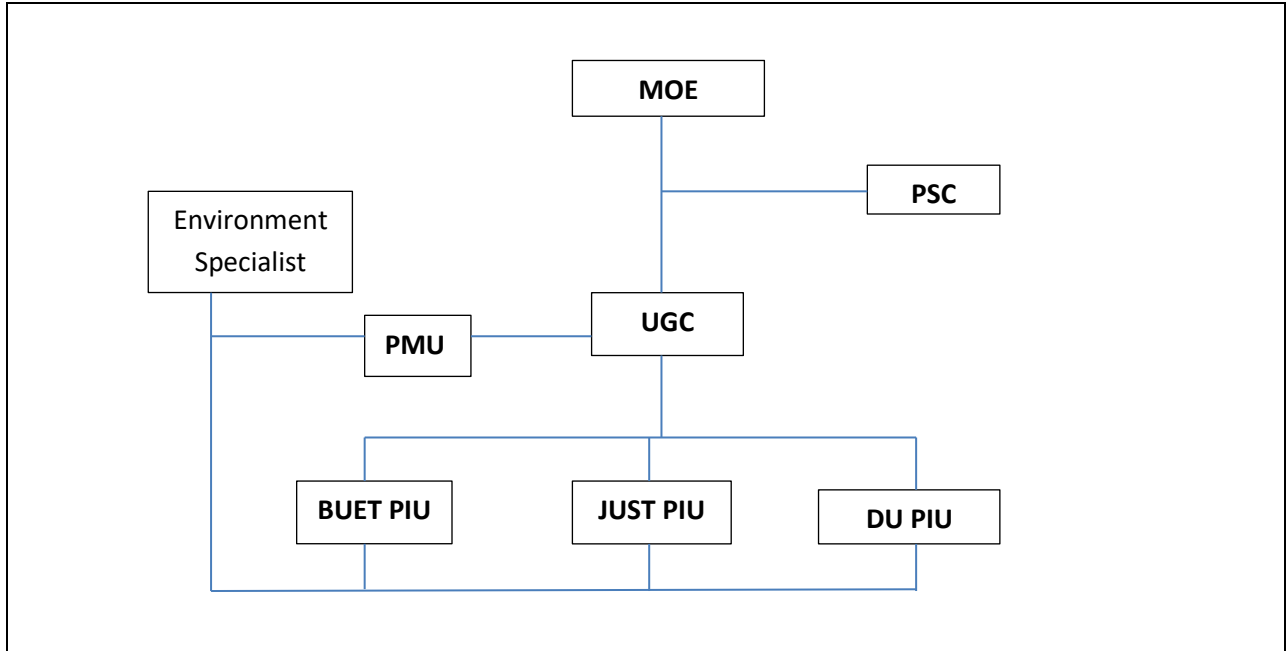
14. On behalf of the SHED, MOE, UGC oversee the project implementation. Through the PMU under UGC, UGC coordinate project implementation activities such as planning, procurement and contract management, financial management, monitoring and evaluation.

15. The Project Implementation Committee (PIC) has been chaired by the Chairman of UGC and the Project Director is the member secretary of the PIC. The PIC is responsible for coordinating implementation activities, reviewing program implementation progress, making recommendations to improve monitoring, reporting systems, overseeing all the reporting and ensuring the quality and seek guidance of PSC, overseeing M&E activities and provide guidance to PMU to develop the higher education performance and recommending the approval of the annual implementation plan. The last PIC meeting was held on 8th April, 2025.

16. Project Coordination Committee (PCC) has been established in each University (BUET, DU and JUST) for overall monitoring of environmental issues and supervision of the project activities at the university level and providing guidance to the PIU staff and project focal person. The meeting has been held in monthly basis. The last PCC meeting was held on 15th July, 2025 at UGC Premises Chaired by Member UGC.

17. Moreover, Project Management Unit (PMU) has been arranged numbers of meetings in PMU office as required by the project requirement such as review of Contractors SEMP, Verifying the monitoring of EMP implementation ensure the corrective actions.

Figure 1: Safeguard Responsibilities within the project governance structure



BUET = Bangladesh University of Engineering and Technology, DU = University of Dhaka, JUST = Jashore University of Science and Technology, MOE = Ministry of Education, PIU = Project Implementation Unit, PMU = Project Management Unit, PSC = Project Steering Committee, UGC = University Grants Commission

## II. COMPLIANCE TO NATIONAL REGULATION

### A. Environmental and Resettlement Categories

18. Regarding the ADB Safeguard Policy Statement (SPS) 2009, the ICSETEP is classified as Category B with respect to environment as the civil works for the new buildings of CSE departments at BUET, JUST and Institute of Information Technology at DU will have location-specific, time-bound impacts during construction. The proposed land for the project is inside the 3 universities campus and university's own land, no land acquisition and resettlement issues are there. But at the DU site, no demolition works will be undertaken without prior assurance to current occupants for and allocation of housing or accommodation in the new staff housing. In BUET site no civil works will commence prior to the relocation of the two small graveyards following the requirements of the Ministry of Liberation War Affairs and SPS 2009.

19. Regarding requirements of the Government of Bangladesh are the Environmental Conservation Act and Rules (1995 and 1997) (amended in 2000, 2002, 2007 and 2010) and finally in 2023. As per final amendment in 2023 classifies the projects as Green, Yellow, Orange and Red Categories. The proposed project ICSETEP is categorized as 'Orange'. As per the above Government Environmental Rules, Acts and regulation in Bangladesh which provides that no project or industrial unit can be undertaken without securing an Environmental Clearance Certificate (ECC) from the Department of Environment (DoE). However, under President's Order No. 10 of 1073, UGC has the autonomy in the university education, and among others, in examining development plans within the universities. In which case, they are not within the purview of ECA 1995 and ECR 1997 final amendment of 2023. The universities have their own development planning, engineering and maintenance units with adequate staff oversee the projects needed to ensure the sustained provision of education in Bangladesh. Further to the above as per law ECR 2023, in Schedule I "list of various categories of industrial establishments and project [Sub-rule (2) of rule 5, clauses of sub-rule (2) of rule 5, sub-rule (4) of rule 12 and sub rule (3) of rule 13]: Orange category industrial establishments or projects Sl. No. 25; (Page no. 3053) Residential and Commercial Buildings (Buildup area from 5,000 to 20,000 Sqm), there is a clear indication that below the buildup area 5,000 sqm is not required to get ECC from DoE.

20. ECR 2023 provides for the declaration of ecologically critical areas, categorization of industries and projects and identification of the types of environmental assessments needed for respective categories of industries or projects. Among other things, these rules set the National Environmental Quality Standards for ambient air, various types of water, industrial effluent, emission (if any), noise, vehicular exhaust etc. Table-3 lists the applicable standards to meet national regulations. SPS 2009 provides that during construction, the government will apply

pollution prevention and practices that are in line with international good practice as set by international standards such as the International Finance Corporation-World Bank Environmental, Health and Safety General Guidelines 2007 or IFC-WB General Guidelines 2007. In addition, if the regulations of the government differ from the levels and measures set by the IFC-WB EHS General Guidelines 2007, the project will follow whichever is more stringent. The relevant standards from IFC-WB EHS General Guidelines 2007 are given in Table-4. Baseline monitoring (air, noise water) will be conducted against the ECR 2023 standards, and subsequent construction-phase monitoring will be reported in next SEMRs with lab-certified results regularly or when required.

**Table 3: Relevant National Environmental Standards**

AIR		
Pollutant	Standards	Averaging Period
NO <sub>x</sub>	100 µg/m <sup>3</sup> (0.053 ppm)	Annual
PM <sub>10</sub>	50 µg/m <sup>3</sup>	Annual
	150 µg/m <sup>3</sup>	24-hour
PM <sub>2.5</sub>	15 µg/m <sup>3</sup>	1-hour
	65 µg/m <sup>3</sup>	24-hour
NOISE		
Zone Class	Limits in Leq dB(A)	
	Daytime (6 A.M. – 9 P. M.)	Night time (9 P.M. – 6 A.M.)
i) A sensitive area where quietness is of primary importance such as schools, hospitals, mosques etc.	50	40
ii) Residential zone	55	45
iii) Mixed areas, which are, used as residential areas as well as commercial and industrial purposes	60	50
iv) Commercial areas	70	60
v) Industrial areas	75	70

**Table 4: Relevant Environmental Standards from IFC-WB EHS Guidelines 2007**

Table 1.1.1: WHO Ambient Air Quality Guidelines <sup>7, 8</sup>			Table 1.7.1- Noise Level Guidelines <sup>54</sup>		
	Averaging Period	Guideline value in µg/m <sup>3</sup>	One Hour L <sub>Aeq</sub> (dBA)		
			Receptor	Daytime 07:00 - 22:00	Nighttime 22:00 - 07:00
Sulfur dioxide (SO <sub>2</sub> )	24-hour	125 (Interim target1) 50 (Interim target2) 20 (guideline)	Residential; institutional; educational <sup>55</sup>	55	45
	10 minute	500 (guideline)			
Nitrogen dioxide (NO <sub>2</sub> )	1-year	40 (guideline)	Industrial; commercial	70	70
	1-hour	200 (guideline)			
Particulate Matter PM <sub>10</sub>	1-year	70 (Interim target-1) 50 (Interim target-2) 30 (Interim target-3) 20 (guideline)			
	24-hour	150 (Interim target-1) 100 (Interim target-2) 75 (Interim target-3) 50 (guideline)			
		35 (Interim target-1) 25 (Interim target-2) 15 (Interim target-3) 10 (guideline)			
		75 (Interim target-1) 50 (Interim target-2) 37.5 (Interim target-3) 25 (guideline)			
Particulate Matter PM <sub>2.5</sub>	1-year	35 (Interim target-1) 25 (Interim target-2) 15 (Interim target-3) 10 (guideline)			
	24-hour	75 (Interim target-1) 50 (Interim target-2) 37.5 (Interim target-3) 25 (guideline)			
Ozone	8-hour daily maximum	160 (Interim target-1) 100 (guideline)			

<sup>12</sup> US EPA Prevention of Significant Deterioration Increments Limits applicable to non-degraded airsheds.

21. Further to above the following table presents a summary of relevant environmental regulations.

Table 5: Relevant Regulations in Bangladesh

<b>Regulation</b>	<b>Brief Description</b>	<b>Potential Applicability</b>	<b>Compliance Status</b>
Bangladesh National Building Code 2020	Sets minimum standards for design, construction, quality of materials, use and occupancy, location and maintenance of all buildings to safeguard, within achievable limits, life, limb, health, property and public welfare.	Design of toll Building must be followed due to stability, durable, safety and workable.	Considering during design
Bangladesh Building Construction Rules 2008	These rules superseded the previous Building Construction rules of 1984. These rules seek to control development plot-plot and case-by-case. It controls development by imposing conditions on setbacks, site coverage, construction of garages, access to plot, provision of lift, land use of that plot and height of building.	Environmental Health and Safety to the workers with community, cost and time of construction minimization.	Will be followed during time of construction period
Disaster Management Act 2012	Coordinates activities on disaster management, making them object-oriented and strengthens and formulate rules to build up infrastructure of effective disaster management to fight all types of disaster.	Will prevent natural disaster.	Considering during design
Vehicular Act 1927, the Motor Vehicles Ordinance 1983, and Bengal Motor Vehicle Rules 1940	These are under the Bangladesh Road Transport Authority which regulates vehicular emissions and noise including road safety and community safety.	Environmental Health and Safety to the workers with community, cost and time of construction minimization.	Will be followed during time of construction period
Bangladesh Labor Act 2006 (amended 2013) Bangladesh Labor Rules 2015	These regulations are under the Ministry of labor, which provides for the occupational rights and safety of factory/construction workers and the provision of comfortable work environment and reasonable working conditions including the prohibition of child labor and adolescent labor.	Environmental Health and Safety to the workers with community, cost and time of construction minimization.	Will be followed during time of construction period
Bangladesh Factories Act 1995	Requires every workplace including small/large-scale construction where women are employed, to have an arrangement of childcare services. Based on this Act and Labor Laws, medical facilities, first aid, accident and emergency arrangements are to be provided by the authority to the workers at workplace.	Environmental Health and Safety to the workers with community, cost and time of construction minimization.	Will be followed during time of construction period
Environmental Conservation Rules (ECR) 2023	Provides for the declaration of ecologically critical areas, categorization of industries and projects and identification of the types of environmental assessments needed for respective categories of industries or projects.	Pollution control and monitoring standards is directly relevant to this project	Will be followed during time of construction period

### **III. COMPLIANCE TO RELEVANT ENVIRONMENTAL REQUIREMENTS FROM THE ADB LOAN AGREEMENT**

#### **A. Compliance with Safeguard Covenants of Loan Agreement**

22. Covenants written into the loan agreement that are related to environmental and resettlement safeguards are listed in Table 3. For the most part these refer to actions that need to be taken up during the implementation of project construction activities. The status of compliance is described in the following table.

**Table 6: Status of Environment, Resettlement and Related Loan Covenants as of 30 June 2025**

Covenant	Safeguard Applicability	Status of Compliance	Evidence/ Remarks	Action Required & Timeline
<p><b>Implementation Arrangements:</b> The Borrower PMU shall ensure, or cause the Project Executing Agency and the Implementing Agencies to ensure, that the preparation of design, construction, Implementation, operation and decommissioning of the Project and all Project facilities comply with (a) all applicable laws and regulations of the Borrower relating to environment, health and safety; (b) the Environmental Safeguards; and (c) all measures and requirements set forth in the IEE, the EMP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report.</p>	<p>Section VII of the PAM, paras 49 thru 58, address safeguard requirements under the loan.</p>	<p>Partially Complied</p>	<p>Will be shown in next EMR when available</p>	<p>Discussion meeting with PIUs, Within 4th Quarter of 2025</p>
<p>The Borrower shall ensure or cause the Project Executing Agency PMU and the Implementing Agencies PIU to ensure, that the Project does not involve risks or impacts to tribes minor races, ethnic sects and community or involuntary resettlement impacts, all within the meaning of the SPS, in the event that the Project does have any such risk or impact, the Borrower shall take, or cause the Project Executing Agency and the implementing Agencies to take all steps required to ensure that the Project complies With the applicable laws and regulations of the Borrower and with the SPS. <u>Human and Financial Resources to Implement Safeguards Requirements</u></p>	<p>During Construction period.</p>	<p>Not Yet Due</p>	<p>Not applicable now</p>	<p>PIUs advised to expedite</p>
<p>The Borrower shall make available, or cause the Project Executing Agency PMU and implementing Agencies PIU to make available, necessary budgetary and human resources to fully implement the EMP. <u>Safeguards-Related Provisions in Bidding Documents and Works Contracts</u></p>	<p>During Bidding process</p>	<p>Partially Complied</p>	<p>Will be shown in next EMR when available</p>	<p>PIUs advised to expedite</p>
<p>The Borrower shall ensure, or cause the Project Executing Agency PMU and Implementing Agencies PIU to ensure that ail bidding documents and contracts for Works contain provisions that require contractors to;</p>				
<p>a) Comply with the measures relevant to the contractor set forth in</p>	<p>During Construction</p>	<p>Not Yet Due</p>	<p>Next EMR</p>	<p>PIUs advised to</p>

<b>Covenant</b>	<b>Safeguard Applicability</b>	<b>Status of Compliance</b>	<b>Evidence/ Remarks</b>	<b>Action Required &amp; Timeline</b>
the IEE the EMP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report;	Period.			expedite
b) Make available a budget for all such environmental and social measures;	During Bidding Process.	Partially Complied	Next EMR	PIUs advised to expedite
c) Provide the Borrower with a written notice of any unanticipated environmental resettlement or tribes, minor races, ethnic sects and community people's risks or impacts that arise during construction, implementation or operation of the Project that were not considered in the IEE and the EMP.	Mitigation measures guarantee performance and provide basis for monitoring	Not Yet Due	Next EMR	PIUs advised to expedite
d) Adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and	During pre-construction and construction period.	Not Yet Due	Next EMR	PIUs advised to expedite
e) Reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction.	At Post Construction Stage	Not Yet Due	Next EMR	PIUs advised to expedite
f) Any adverse impact on the environment that may arise from the Project implementation is promptly mitigated or minimized in accordance with the EMPs;	Fundamental purpose of environmental review.	Not Yet Due	Next EMR	PIUs advised to expedite
g) Implementation of the EMPs, including any safety breaches, violation of environmental standards, and corrective measures taken in respect thereof are reported semi-annually to ADB; and	Fundamental purpose of environmental reporting.	Not Yet Due	Next EMR	PIUs advised to expedite
h) Implementation of the EMPs, including any safety breaches, violation of environmental standards, and corrective measures taken in respect thereof are reported, in the Project Management Unit (PMU) quarterly report to ADB;	Fundamental purpose of environmental reporting.	Not Yet Due	Next EMR	PIUs advised to expedite
i) Reports and information are provided to ADB on request to enable it to verify that the Goods, Works, and consulting services financed out of the proceeds of the Loan, have been produced in a responsible manner with a view to resource efficiency, waste minimization, and other environmental considerations.	Aim of transparency in project implementation.	Not Yet Due	Next EMR	PIUs advised to expedite

#### IV. COMPLIANCE TO ENVIRONMENTAL MANAGEMENT PLAN

##### A. Status of Recruitment

23. Environment Specialist has been recruited at the PMU as national environment specialist in intermittent basis throughout the project implementation period and 3 focal persons have been engaged in three PIU for the project implementation period. When Supervision Consultants are engaged, they will engage 3 Environmental Experts for 3 PIUs. During Implementation of work, the contractor will also be engaged Health Safety and Environmental Officers at three sites. Following table showing the details and contract information as available and will be filled up in time when required.

**Table-7: Environmental Safeguard Focal Persons**

Name	Designation and Organization	Email	Contract Number
Engr. Md. Harunor Rashid	Environmental Specialist, PMU-UGC	enr.harun2016@gmail.com	88-01711-884148
Mohammad Zabed Alam Mridha	Safeguard Focal Person, PIU-DU	Zabed2002@gmail.com	88-01715-364130
Muhammad Sheikh Sadi	Safeguard Focal Person, PIU-BUET	Sadi ce@yahoo.com	88-01911-758287
Md. Nazmus Sakib	Safeguard Focal Person, PIU-JUST	Nasakib.0161988@gmail.com	88-01759-205175
	HSE Officer, Contractor-DU Site	To be mobilized upon contract award	
	HSE Officer, Contractor-BUET Site	To be mobilized upon contract award	
	HSE Officer, Contractor-JUST Site	To be mobilized upon contract award	

24. PIU will ensure the preparation and submission of Site-specific Environmental Plan (SEMP), Health Safety Plan (HSP) and Labor Management Plan (LMP) by the Contractor after completion of contract with PIU. The submission of above documents will be obligatory by the contractor and included in the contract document. PIU will forward to PMU for review and approval from PMU and ADB is a requirement prior to commencement of works. It is the obligatory to the experienced and capable awarded contractors, but needed PMU will support to the concerned person of the Contractor to prepare the above document.

##### B. Status of Environmental Management Plan

25. Three IEEs are prepared during PPTA period for the three proposed buildings. As the design and location of building at JUST campus is little bit changed and the baseline status at the surrounding site is also changed, ADB Safeguard Team suggested to update the previously prepared IEE and EMP. Proposed building site has been visited by Environment Specialist of PMU. Several discussion meetings were held with PIU, JUST and other related stakeholders. Baseline information also collected from the surrounding area and from secondary source. The updated IEE is in progress and after completion of updating the IEE will be forwarded to ADB for review and approval. As the baseline condition has been changed from the PPTA period,

updated baseline monitoring indicators will be fixed now and the environmental monitoring test (air, noise, water and soil) are in progress.

26. During discussion with the PIU and Engineering section of JUST it was noted that the Architectural Design is in final stage now. Several review, workshop, comments and consultation meeting were held in PMU Office, UGC Office and JUST, VC Office on Architectural Design. Comments and Suggestions from ADB, VC of JUST and PMU Consultants are incorporated in the proposed design. These are environmental, Climate Change, Green Building Concept, Gender Issues and sustainable building design. The Architectural design will be completed by July 2025. Structural design, estimation and preparation of BoQ and bid document are in progress simultaneously. A detail discussion was held and close communications are continuing with PIU, JUST. They have been ensured that EMP, Site-specific Monitoring items will be included in the bid document and BoQ with adequate budget, also in the contract document.



Proposed Site at JUST Campus



Proposed Site at JUST Campus



Discussion meeting with JUST PIU



Design Review Meeting at JUST

27. Tender has been floated in DU for construction of 13-storied IT Hub Building with 15-storied foundation including 3 basements after approved design and bid document. Evaluation of bid is in progress. EMP is included in bid document and general EMP items are also included in BoQ. The provisional sum has been included in BoQ to minimize the site specific EMP measure if needed during construction period. This provision will be ensured during contract signing with awarded contractor. PIU assured that they will share the BoQ and EMP soon after sharing and discussion with PIU, DU all the document will be updated and presented in next EMR.

28. During preparation of bid document and BoQ for remaining two projects at JUST and BUET, EMP from the approved IEE and site specific EMP items will be included as per consultation with PIUs and Design Consultant team. There are some tin shaded staff housings in the DU proposed site. No construction work will be commenced or demolition of existing staff housing before rehabilitated the existing staff living in the staff housing. After request from PMU and discussion meeting higher Authority of DU, PIU will issued allotment letters to the existing staff to the newly constructed residential building in DU area. The copy of the letters will be included in next EMR. There were two separate graveyards located at BUET proposed site. That graveyard has already relocated from the proposed site to other suitable location with following ritual condition and consent from relatives of buried deceased. The consent letter is included in annex and the photographs of graveyards previous and relocated present location are shown in this report.

**Table-8: Compliance Status with Implementation of EMP measures during January-June 2025**

<b>University of Dhaka (DU)</b>					
<b>Sl. No.</b>	<b>Project Activity</b>	<b>Mitigation/Enhancement Proposed in IEE</b>	<b>Actual Measures Already Implemented</b>	<b>Implementation Status</b>	<b>Recommended Action</b>
1	Bidding, Evaluation in progress	Site specific EMP and monitoring items should be including in Contract	Partially implemented	In Progress	Should be completed in next EMR

<b>Bangladesh University of Engineering and Technology (BUET)</b>					
<b>Sl. No.</b>	<b>Project Activity</b>	<b>Mitigation/Enhancement Proposed in IEE</b>	<b>Actual Measures Already Implemented</b>	<b>Implementation Status</b>	<b>Recommended Action</b>
1	Building Architectural Design	Will include in Bid Document	Not Yet	Due	Should be completed in next EMR
2	Relocation of Graveyards	Relocate before implementation of works	Already implemented following the ritual and consent from relatives of buried deceased	Completed	

Jashore University of Science and Technology (JUST)					
Sl. No.	Project Activity	Mitigation/Enhancement Proposed in IEE	Actual Measures Already Implemented	Implementation Status	Recommended Action
1	Building Architectural Design	Will include in Bid Document	Not Yet	Due	Should be completed in next EMR
2	Update of IEE	EMP will be as per updated IEE	In Progress	In Progress	Should be completed in next EMR

**C. Capacity Building**

29. Capacity building is aimed as orientation and training of project implementation staff in ADB’s safeguard policy and under management by the Environment Specialist at the beginning of project implementation, including procedures for monitoring and reporting. Training is being provided for the staff of the PMU and PIU staff, Supervision Consultant as well as Contractor’s Supervisory staff. Awareness program on Occupational Health and Safety to the workers at each site through direct engagement on safeguard issues at the beginning of work and also in construction period in different time after engagement of the contractors. Details will be included in next EMR.

30. Further capacity building may also address specific technical and social issues that arise at the project site, as for example, with operations of solid waste systems, technical aspects of environmental (air, noise and water quality) monitoring, and other potential capacity building needs. Solid waste management at JUST campus are in good track. MoU has been signed between JUST authority and Chowgacha Pourashava authority. Solid waste has been collected from different corner from JUST campus with trolley and cover van with adequate number of workers and transferred to the Chowgacha Pourashava designated disposal site. Some of the photographs are shown below and copy of signed MoU between JUST and Chowgacha Pourashava are included in annex.



collecting point at JUST	campus to temporary collecting point
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## V. SAFEGUARD MONITORING RESULTS AND UNANTICIPATED IMPACT

### A. Environmental and Social Performance Indicators

31. Environmental monitoring will occur at the project site by observing performance during project implementation. Environmental specifications will be included in construction tender documents and contract document, allowing impacts to be mitigated during the construction phase of the project. The specifications reflect requirements identified in the project Environmental Management Plans (EMPs). A provisional sum is included in the bid price to cover environmental remedial actions, which may be expended in part, or not at all, at the direction of the PIU Head and approval of the Project Director, PMU. BoQ for DU is prepared and approved from ADB. PIU will share the BoQ soon and PMU Environment Specialist will discuss together and updated as per requirement of ADB. Details will be included in next EMR for other PIU as and when required.

**Table-9: Itinerary of monitoring visit during January-June 2025**

Name of University	Date of Inspection	Conducted by Whom
DU	13.07.2025	Environment Specialist, PMU
BUET	13.07.2025	Environment Specialist, PMU
JUST	28.07.2025	Environment Specialist, PMU

### B. Project Safeguard Monitoring

32. The system for environmental monitoring will be mobilized once projects are underway and construction contracts are let. Thus far no projects have reached the stage of implementation and the monitoring system is not yet activated.

33. The system will consist of observations and checklists for comparison with contractor performance in line with the construction specifications and the project EMP. Performance tracking will be used in a manner that provides consistent semi-annual reporting, with the objective of improving performance of contractors.

### C. Project Safeguard Performance

34. During visit the proposed site at DU there has a 14-room bachelors' staff quarters, single floor, tin shed complex, some trees in the yard, and a water source (two faucets) for the occupants. The bachelors' staff quarters serve as residence for DU male staff members generally from lower-level positions (Third Grade or lower). Main access to the site is through a secured gate connected to the Sociology Building. The site is bounded to the north by the Faculty of Fine Arts, to the south by the Faculty of Social Sciences, to the east by the

Mausoleum of Poet Kazi Nazrul Islam, and to the west by the Institute of Business Administration (IBA). Dhaka University Central Mosque is located southeast of the proposed site. As per discussion with PIU Official at DU, the existing bachelors' staff quarters that all the staff will be allotted to the newly constructed residential building and shifted, which is constructed newly near Palashi area in DU own land before hand over the construction site to the contractor.

 <p>A photograph showing a paved walkway leading from a modern university building towards a green area. A person is walking on the path. The building has posters and notices on its wall. A date stamp '12/12/2025' is visible in the bottom right corner.</p>	 <p>A photograph of a simple, single-story building with a corrugated metal roof and green-painted windows. A person is visible in the doorway. A date stamp '12/12/2025' is visible in the bottom right corner.</p>
<p>Entrance from Unuversity Campus</p>	<p>Entrance of Proposed Site</p>
 <p>A photograph of a long, single-story building with a corrugated metal roof, situated in a wooded area. A person is walking in the foreground. A date stamp '12/12/2025' is visible in the bottom right corner.</p>	 <p>A photograph of two men sitting at a desk in an office. One man is wearing a blue checkered shirt and the other is wearing a maroon shirt. They appear to be in a meeting. A date stamp '12/12/2025' is visible in the bottom right corner.</p>
<p>Existing Tin Shad Structures at Proposed Site</p>	<p>Consultation Meeting PIU Head, DU</p>

35. The proposed site at BUET is visited in the same day, met and discussed with PIU Head and BUET Engineering section's Executive Engineer regarding the status of the implementation of the proposed building and others issues. The Architectural design with drawing is completed and finalized. Structural design, estimation, preparation of BoQ is in progress and will be completed within August 2025. During discussion with the Officials at BUET and visited the proposed site, it was observed that existing two sperate graveyards the noted in the document during PPTA period are already relocated to the suitable another place nearby and within the

BUET area following the Muslim ritual and mutual discussion and permission from the relatives of buried deceased. PIU assured that EMP and site-specific EMP items and environmental monitoring items will be included in BoQ with adequate budget in the bid document and contract document.

	
<p>Discussion with BUET PIU</p>	<p>Visit at BURT proposed site</p>
	
<p>Discussion with relatives of buried deceased with presence of Head Imam of BUET Mosque</p>	<p>2 Separate Graveyards were at the Proposed Site</p>
	
<p>Proposed Building Site at BUET from Top</p>	<p>2 Graveyards relocated at the present location</p>

## VI. IMPLEMENTATION OF GRIEVANCE REDRESS MECHANISM

36. A grievance redress committee (GRC) will be established by the PMU during implementation stage. The GRC will be chaired by the PMU Head and members consist of representative from the local government, representative of contractor(s), and a representative from the PIU. The environment specialist of PMU will act as the member secretary of the GRC. Cost of implementing the GRM will be borne by the PMU. Transparency in handling complaints filed and resolved will always be observed. The GRC will convene once a month to resolve the complaints received against the project (if any), will maintain a record of complaints received and resolved and will advise the complaint on the decision made. Filing of complaint can be either in writing or by phone. A sample of complaint in Bangla will be displayed near the complex box which will be at the project site in visible location of the project site. The complaint can seek redress in three levels: (i) through the PIU at each university or through the site engineer of the contractor; (ii) through the GRC; and (iii) the appropriate courts of law. As the implementation of the proposed building at DU is accelerated from the other two PIU, GRC will be established by the third quarter of this year.

### Public Consultation:

**Table-10: Consultation meetings conducted during the project period January-June 2025**

Universities	Type of consultation meeting	Category of Participant	No. of Participant		
			Male	Female	Total
JUST	Architectural Design of the Building and include building feature include in the design with Design Consultant	JUST Academic Personnel, PMU and UGC Representative	22	4	26



Consultation meeting at JUST



Consultation Meeting at PMU

## VII. CONCLUSION AND RECOMMENDATIONS

37. ICSETEP Project implementation is in beginning stage and safeguard compliance is an important and highly valued aspect. All elements are in place for enacting an efficient safeguard framework, beginning with preparation of environmental review documents, incorporation of special conditions for environmental, labor’s health safety and social measures in contract procurement documents, and a high level of awareness among PMU, PIU and project staff. All the environmental safeguards required documentation will be ensure in the bid document and contract document. Further work to be taken up in the next reporting period (July – December 2025) focuses on a system for monitoring implementation of mitigation measures; enactment of the grievance redress mechanism; and awareness and training of PIU staff with the contractor’s staff.

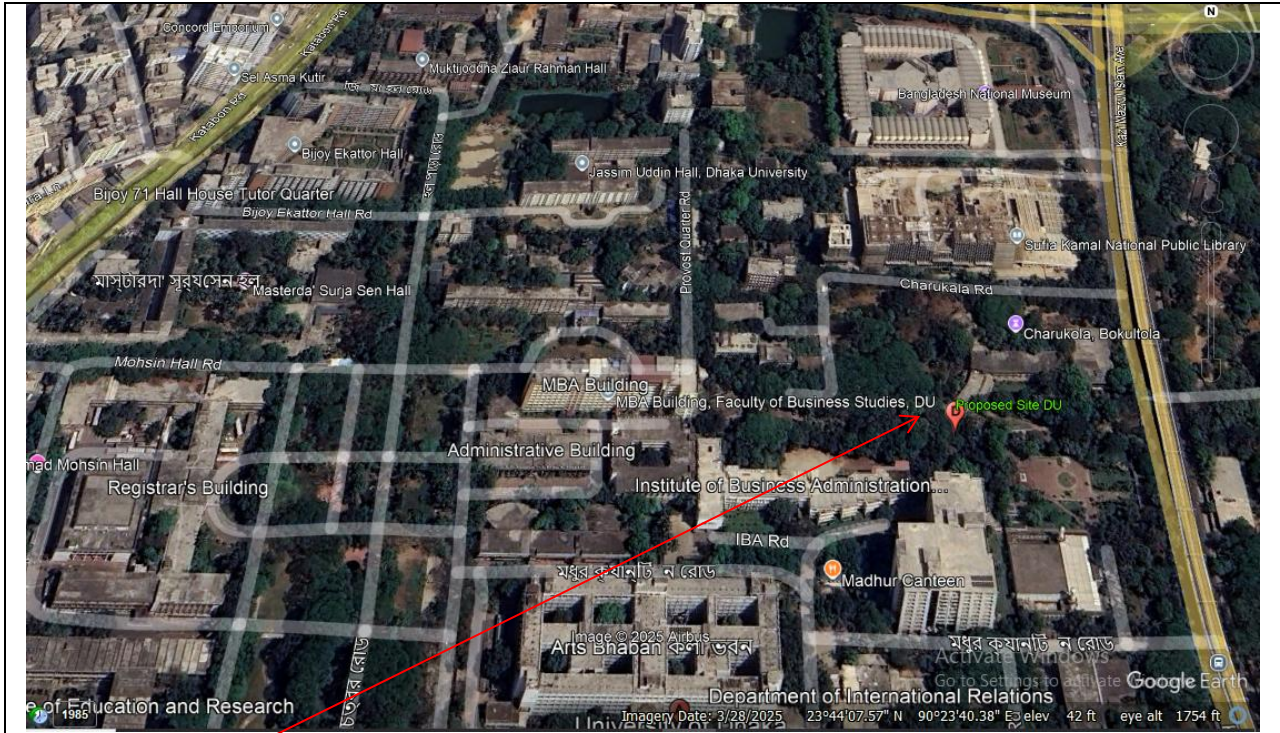
**Table-11: Recommended Corrective Action Plan for the next reporting period (July-Dec. 2025)**

Sl. No.	Issues	Universities	Recommended Corrective Action Plan	Responsibility	Target Date
1	Inclusion of site specific EMP in Contract Document	DU	Complete and ensure with consultation with PMU	PIU, Environment Specialist, PMU	Next EMR
2	Update the IEE and EMP and inclusion EMP and monitoring items in bid document	JUST	Complete and ensure with consultation with PMU	PIU, Environment Specialist, PMU, ADB	Next EMR
3	Completion of building design, BoQ, EMP and monitoring Items in Bid Document	BUET	Complete and ensure with consultation with PMU	PIU, Environment Specialist, PMU, ADB	Next Year First Quarter

# Annexures

## Annex-1

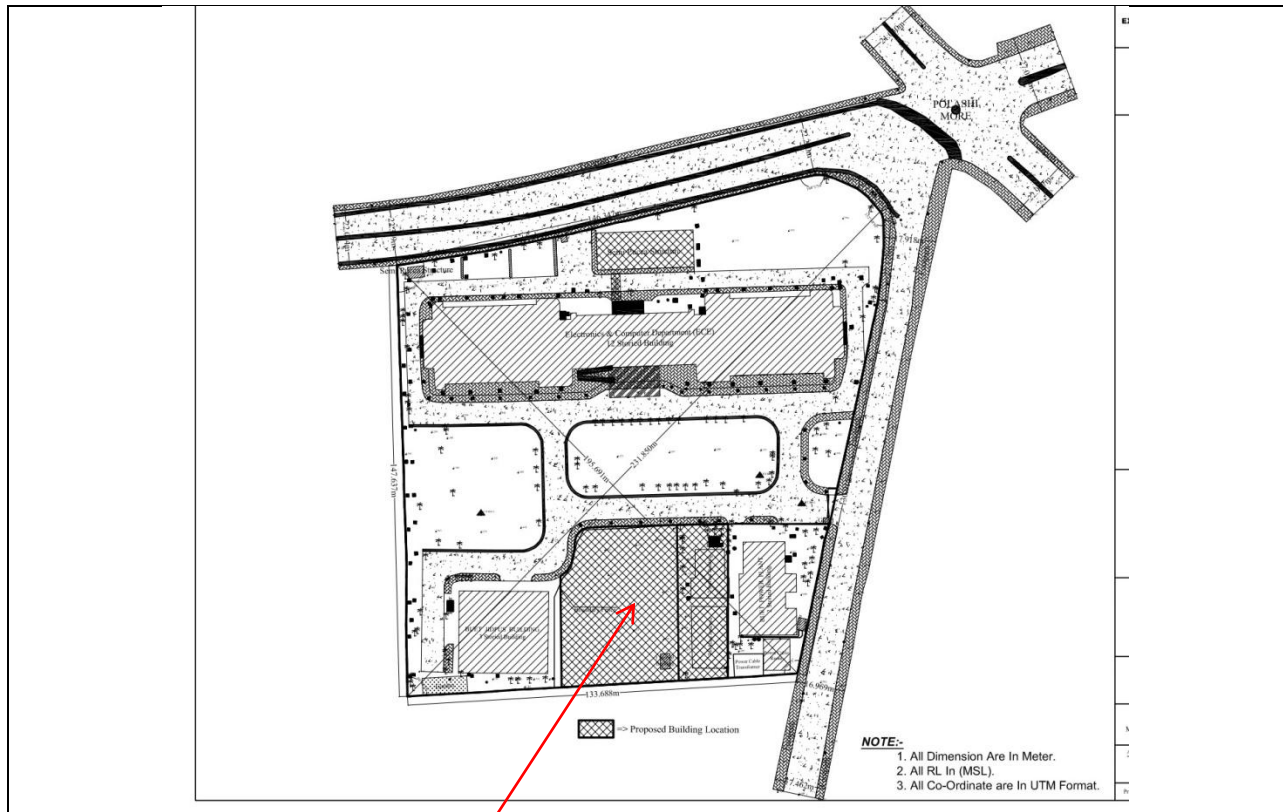
### Layout and Google Map of DU Site



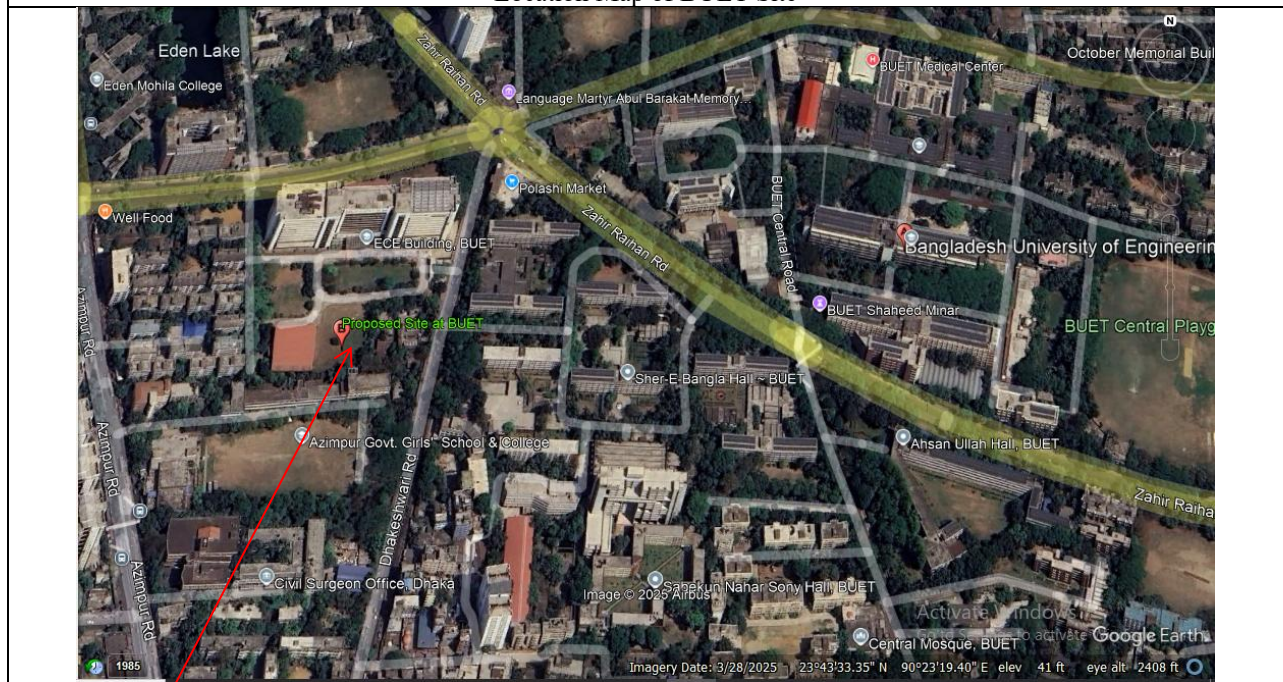
Proposed Site at DU in Google Map showing Co-ordinates and Elevation from MSL

Layout Plan will be included in next EMR

## Location Map and Google Map of BUET Site

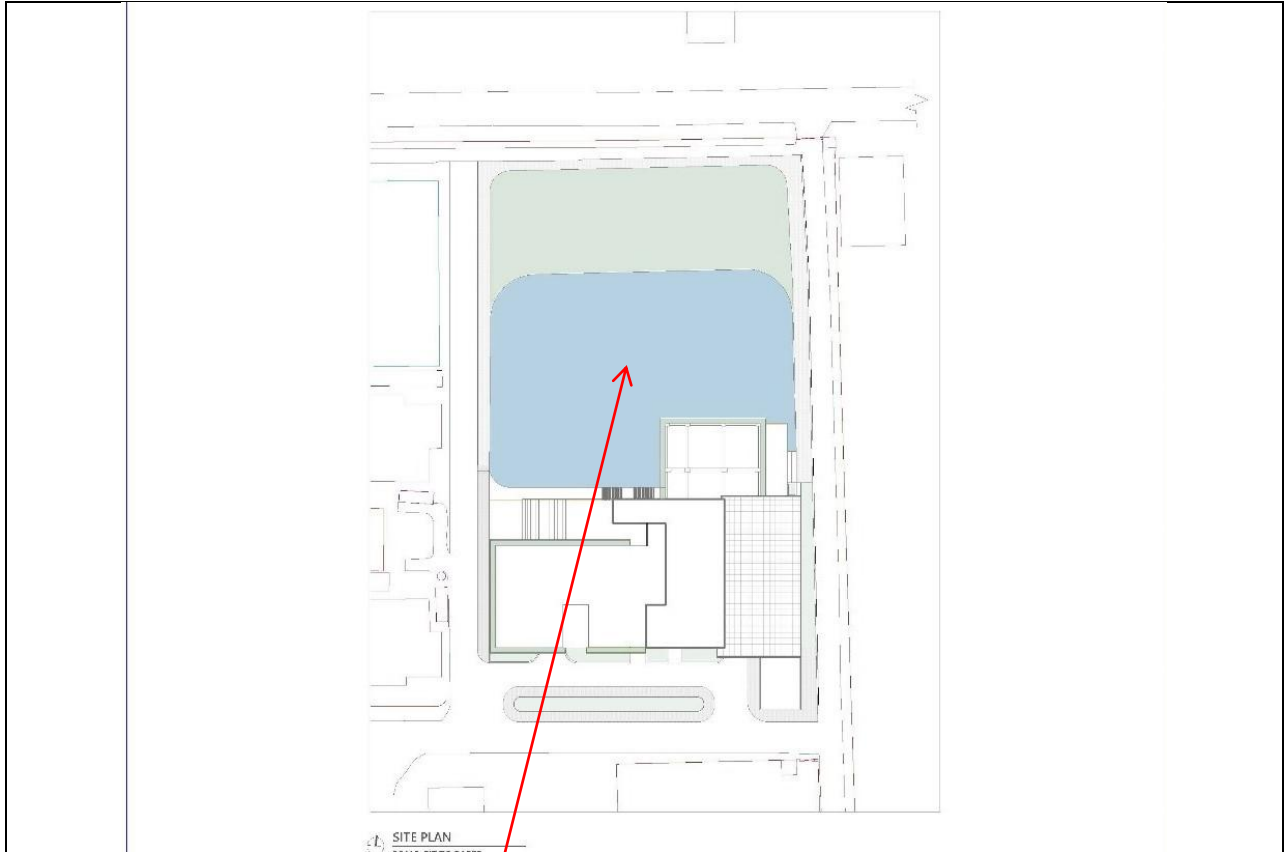


Location Map of BUET Site

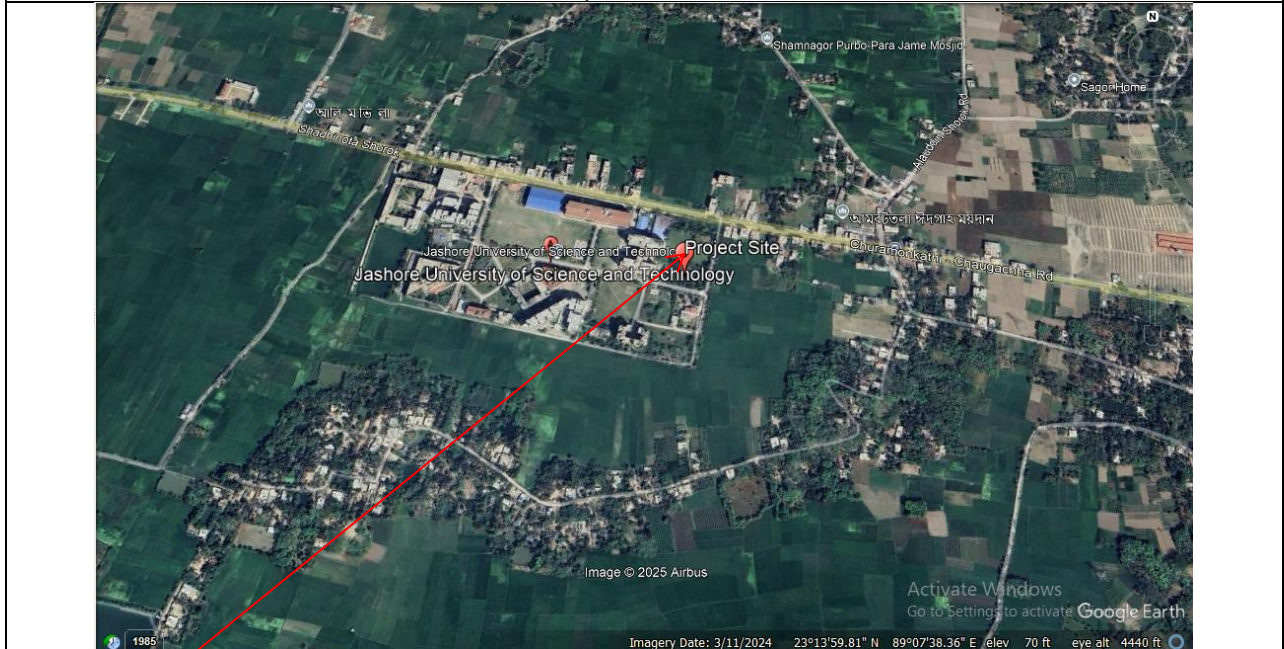


Proposed Site at BUET in Google Map showing Co-ordinates and Elevation from MSL

Site Layout Plan and Google Map of JUST Site



Site Layout Plan at JUST



Proposed Site at JUST in Google Map showing Co-ordinates and Elevation from MSL

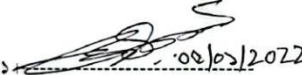
## Annex-2

### Consent Agreement between BUET Authority and Relatives of Buried decease at BUET Site

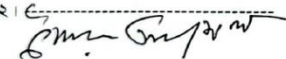
## সম্মতি পত্র

শহীদ বীর মুক্তিযোদ্ধা সৈয়দ শফিকুর রহমান "বনি"-এর একমাত্র জীবিত ওয়ারিশ এবং সহোদর ভাই হিসেবে আমি, মোঃ মতিউর রহমান, পিতা মৃত: সৈয়দ মোহাম্মদ আলী, মোহন ভিলা (মেরিমেট কমিউনিটি সেন্টারের বিপরীতে), বাসা নং ৮, রোড নং ৫/এ, মিরপুর-১১, ঢাকা- এই মর্মে সম্মতি প্রদান করছি যে, বাংলাদেশ প্রকৌশল বিশ্ববিদ্যালয়ের একাডেমিক কাজের সুবিধার্থে এবং জাতীয় স্বার্থে বিশ্ববিদ্যালয়ের পশ্চিম পলাশীস্থ ক্যাম্পাসে অবস্থিত আমার সহোদর ভাই শহীদ বীর মুক্তিযোদ্ধা শফিকুর রহমান "বনি" এর কবর যথাযথ মর্যাদার সাথে স্থানান্তরের ষেচেছায় ও স্ব-জ্ঞানে সম্মতি প্রদান করে সহি সম্পাদন করলাম।

উপস্থিত ব্যক্তিবর্গের স্বাক্ষর ও তারিখ

১.  ০৫/০১/২০২২

বীর মুক্তিযোদ্ধা  
মোঃ এনায়েতুল করিম খান  
কমন্ডার  
চকবাজার থানা কমান্ড  
বাংলাদেশ মুক্তি যোদ্ধা সংসদ  
০১৭১২৭৩৮৫০৯

২. 

০৫/০১/২০২২

সম্মতি প্রদানকারীর স্বাক্ষর ও তারিখ


 ০৫/০১/২০২২

মোঃ মতিউর রহমান  
(শহীদ বীর মুক্তিযোদ্ধা সৈয়দ শফিকুর রহমান  
"বনি" এর সহোদর ভাই)  
মোহন ভিলা (মেরিমেট কমিউনিটি সেন্টারের বিপরীতে)  
বাসা নং ৮, রোড নং ৫/এ, মিরপুর-১১, ঢাকা।  
জাতীয় পরিচয় পত্র নং ৫৫০ ০৫৬ ৬৬২০

### Annex-3

MoU between JUST authority and Chowgacha Pourashava authority for waste management and final disposal.

**রেজিস্ট্রার দপ্তর**  
যশোর বিজ্ঞান ও প্রযুক্তি বিশ্ববিদ্যালয়  
যশোর-৭৪০৮, বাংলাদেশ।



**Office of the Registrar**  
Jashore University of Science & Technology  
Jashore - 7408, Bangladesh.

তারিখঃ ১৭/০৯/২০২৫খ্রি.

**সভার কার্যবিবরণী**

অদ্য ১৭/০৯/২০২৫খ্রি. তারিখে যশোর বিজ্ঞান ও প্রযুক্তি বিশ্ববিদ্যালয়ের পরিবেশ কমিটির আহ্বায়ক মহোদয়ের সভাপতিত্বে, সদস্য সচিব, নিরাপত্তা ও এস্টেট শাখার কর্মকর্তাগণ ও চৌগাছা পৌরসভার সহকারী প্রকৌশলী জনাব এস.এম রুহুল আমিন, ভারপ্রাপ্ত কন্যারভেসি জনাব মেহবুব হুসাইন মধ্যে একটি দ্বিপাক্ষিক সভা নিরাপত্তা ও এস্টেট শাখায় অনুষ্ঠিত হয়। সভায় নিম্নলিখিত বিষয়ে আলোচনা ও সিদ্ধান্ত গৃহীত হয়।

১. সপ্তাহের ০৩ (তিন দিন) চৌগাছা পৌরসভা বিশ্ববিদ্যালয়ের ময়লা আবর্জনা নিয়ে যাবে।
২. ময়লার গাড়িতে ময়লা তুলে দিতে হবে।
৩. প্রতিদিন গাড়ি ৩২ কি.মি দূরত্ব আপ ডাউন করবে হিসেবে ডিজেল, মবিল ও ইঞ্জিন ডেমারেজ বাবদ প্রতি ট্রিপে বিশ্ববিদ্যালয় কর্তৃপক্ষ ১২০০/- টাকা পরিশোধ করবেন মর্মে সিদ্ধান্ত গৃহীত হয়। তেলের দাম বৃদ্ধি হলে টাকা পরিবর্তন হতে পারে।
৪. ০১ (একজন) লেবার বাবদ ৬০০ টাকা করে দিতে হবে। (প্রতিদিন)
৫. মেডিকেল বর্জ্য, ল্যাবের ক্যামিকেল বর্জ্য ও স্যানিটারী ন্যাপকিন চৌগাছা পৌরসভার গ্রহণ করবে না।
৬. সেফটি ট্যাংকি (মানব বর্জ্য) এর ক্ষেত্রে ১ম ট্রিপে বাবদ ৩০০০ লিটার ধারণ ক্ষমতা গাড়িতে ৪০০০/-টাকা ও পরবর্তী ট্রিপে ২০০০/-টাকা করে দিতে হবে।
৭. পুরোন ডাম্পিং ময়লা চৌগাছা পৌরসভার নিবে না।

আর কোন আলোচ্য সূচী না থাকায় সভাপতি মহোদয় সভা সমাপ্তি ঘোষণা করেন।

**রেজিস্ট্রার**  
১৭.০৯.২০২৫

**সদস্য সচিব**  
১৭/০৯/২৫

**সহকারী প্রকৌশলী**  
১৭.০৯.২০২৫

**সহকারী প্রকৌশলী**  
১৭.০৯.২০২৫

**সহকারী প্রকৌশলী**  
১৭.০৯.২০২৫

**সহকারী প্রকৌশলী**  
১৭.০৯.২০২৫

**সহকারী প্রকৌশলী**  
১৭.০৯.২০২৫

Annex-4

Monitoring Checklist

**OCCUPATIONAL HEALTH & SAFETY COMMITMENT**

I, the undersigned .....as per terms and condition of the submitted bid document and signed contract between the PIU, ..... and the Contractor.....fully aware regarding commitment to maintain the ESMP and the occupational health & safety for the workers and the surrounding communities as per **Reference:** General Condition of Contract (Amendments) Clause 14 & 2 (including additional sub-clause) of Contract document.

Summary of the terms and conditions to be maintained at the work place are given below:

1. Before starting the work activities, worker’s attendance register is checked;
2. Pre-start Meeting and Toolbox Meeting (a short, regular meeting between workers and their supervisors to discuss safety issues at the workplace) done daily before commencement of any work;
3. Ensure all the workers will use PPE during work activities, otherwise will not allow to engage in the work;
4. Cleaning of the site is daily, 15 minutes before work and 15 minute after work;
5. Not complying with the safety rules and regulations on site by the workers will be dismissal from the site.

Name of the Site Manager:.....Date.....

Contractor’s Focal Person/Responsible Person:.....

Company’s H.S.E Representative:.....

Name of the Company:.....

Package No. & Name:.....

<b>Project Title:</b>	<b>ICSETEP, UGC</b>	
<b>Package No:</b>		
<b>Package Name:</b>		
<b>Name of the Contractor:</b>		
<b>Name of Construction Site</b>		
<b>Site Contract Person with Phone no.:</b>		
<b>Description of Item</b>	<b>Comments</b> (Enter N/A if not relevant)	
<b>1. Introduction and Inspection</b>		
Is there an accurate record of all persons on site? E.g. Register book	Yes/No	
Has a weekly health and safety briefing been held this week?	Yes/No	
<b>2. Reporting and Records</b>		
Site Specific ESMP report Submitted?	Yes/No	
EHS Plan Submitted?	Yes/No	
Labor Management Plan (LMP) Submitted?	Yes/No	
Commitment form submitting regularly?	Yes/No	
<b>3. PPE</b>		
Are all personnel on site wearing minimum mandatory PPE on site? i.e. Safety helmet, Safety footwear, Hi-vis Vest, Hand Globs, ear plug during MS Rod/tiles cutting, Hanging belt during work at higher place.	Yes/No	
Do workers have any issues with the PPE provided to them? (ask 2 or 3 workers)	Yes/No	
<b>4. Welfare Facilities</b>		
Is a supply of clean drinking water readily available for everyone on site?	Yes/No	
Are Toilet facilities well light, ventilated, clean and hygienic?	Yes/No	
Are sufficient hand washing facilities provided incl. soap and clean water?	Yes/No	
Are their separate toilet and Washing facilities for male and female?	Yes/No	
<b>5. Site Security &amp; Housekeeping</b>		
Is the site compound adequately fenced to prevent unauthorized access, with warning and information signs?	Yes/No	
Are appropriate safety signs in place e.g. traffic routes, authorized personnel, PPE?	Yes/No	
<b>Housekeeping</b> - Is the site tidy and well laid out? E.g., pathways are clear, no rubbish, no tools/equipment lying about	Yes/No	
Are materials and equipment stored correctly and orderly?	Yes/No	
<b>6. Fire Safety Activities</b>		
Are extinguishers in place and easily accessible?	Yes/No	
Are Buckets are available at site filled with sand?	Yes/No	
<b>7. Excavation and Backfilling Work</b>		
Are barriers in place a minimum 1m from the edge of the excavation?	Yes/No	
Are materials/waste stored directly adjacent to the excavation, or existing structures is adjacent to the excavation?	Yes/No	
<b>8. To be Checked on a monthly basis only (first week of the month)</b>		
Are records of their training available?	Yes/No	
Is there any lacking of safety observations and incidents available on site?	Yes/No	
Are sufficient toilet facilities available?	Yes/No	

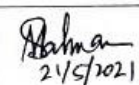
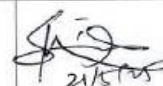
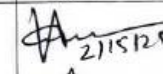
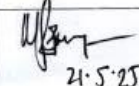
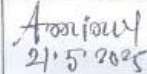
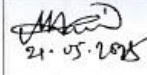

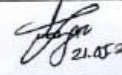
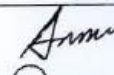
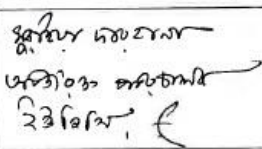
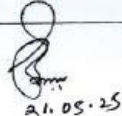
Are First-Aid facilities in place and do workers know they are?	Yes/No
Are the Contractor kept contract with nearby clinic or hospital to face if any accident happen during work at site?	Yes/No
Are trained first aiders available on site/nearby?	Yes/No
Are muster points clearly signposted?	Yes/No
Are pedestrian and entrance routes clearly marked?	Yes/No

**Additional Comments**

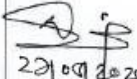
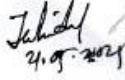

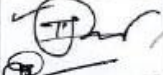

<b>Signed:</b>	<b>Signed:</b>	<b>Signed:</b>	<b>Date of this Safety Review:</b>
<b>PIU Representative:</b>	<b>CSC Representative:</b>	<b>Contractor's Representative:</b>	

## Annex-5

Attendant Sheet in Design Consultation Meeting on Building Design at JUST

<b>যশোর বিজ্ঞান ও প্রযুক্তি বিশ্ববিদ্যালয়</b> <b>যশোর।</b>			
<b>“ইমপ্রুভিং কম্পিউটার এন্ড সফটওয়্যার ইঞ্জিনিয়ারিং টারশিয়ারী এডুকেশন প্রজেক্ট (ICSETEP)” এর অধীনে</b> <b>“JUST ICT Excellency Center Facility Discussion” শীর্ষক কর্মশালার উপস্থিতি পত্র</b>			
তারিখ: ২১/০৫/২০২৫ খ্রি. সময়: সকাল ১১:০০ ঘটিকা ভেন্যু: বাংলাদেশ বিশ্ববিদ্যালয় মঞ্জুরী কমিশন, আগারগাঁও, ঢাকা।			
(কেটাতার ভিত্তিতে নয়)			
ক্রমিকনং	নাম ও পদবী	মোবাইল ও ই-মেইল	স্বাক্ষর ও তারিখ
০১	অধ্যাপক ড. মোঃ সাইদুর রহমান সদস্য বাংলাদেশ বিশ্ববিদ্যালয় মঞ্জুরী কমিশন		 21/5/2021
০২	প্রফেসর ড. মোঃ আব্দুল মজিদ উপাচার্য যশোর বিজ্ঞান ও প্রযুক্তি বিশ্ববিদ্যালয়		 21/5/25
০৩	প্রফেসর ড. হোসেন আল মামুন ট্রেজারার যশোর বিজ্ঞান ও প্রযুক্তি বিশ্ববিদ্যালয়		 21/5/25
০৪	মোহাম্মদ মাকছুদুর রহমান ভূইয়া পরিচালক, পরিকল্পনা ও উন্নয়ন বিভাগ, বাংলাদেশ বিশ্ববিদ্যালয় মঞ্জুরী কমিশন		 21.5.25
০৫	প্রফেসর ড. মোঃ আমিনুল হক আকন্দ প্রকল্প পরিচালক, ICSETEP		 21.5.2025
০৬	অধ্যাপক ড. মোঃ আলম হোসেন পিআইইউ হেড যশোর বিজ্ঞান ও প্রযুক্তি বিশ্ববিদ্যালয়		 21.05.2025
০৭	মোহাম্মদ জাভেদ আলম মুধা পরিচালক( প্রকল্প ও উন্নয়ন). ঢাকা বিশ্ববিদ্যালয়		 21.05.25
০৮	মোঃ যুবায়ের আল মামুন- প্রকল্প ডেপুটি পিআইইউ হেড, যশোর বিজ্ঞান ও প্রযুক্তি বিশ্ববিদ্যালয়		 21.05.25
০৯	অধ্যাপক ডঃ এইচ. এম. জাকির হোসেন প্রকল্প প্রকৌশলী যশোর বিজ্ঞান ও প্রযুক্তি বিশ্ববিদ্যালয়		
১০	ম্যানেজার শেলটেক কনসালট্যান্টস ( প্রাঃ)		
১১	 উপাচার্য ২৩/৫/২৫		 21.05.25

ক্রম	নাম ও পদবী	মোবাইল ও ই-মেইল	স্বাক্ষর ও তারিখ
১০	Engr. Md. Hanunor Rashid Environment Specialist ICSETEP	০১৭১১৪৪৫১৫ engr.hanunor2016@gmail.com	Rashid 21.5.25
১৪	A N M Safiqul Islam Stipend program Specialist	০১৭১২২৯৪০৫০ safiqulislam438@gmail.com	[Signature]
১৪	Prof. Dr. Shaheena Subhana Women IT Leadership Specialist ICSETEP	০১৭১৪০০০৪১০ zareefas.subhana@gmail.com	[Signature]
১৬	Md. ABUUL AZIZ Sr. Procurement Specialist ICSETEP	০১৭১-৩৭০১৪২	[Signature]
১৭	Md. Maliraj Hossain Procurement specialist ICSETEP.	০১৭৩১৫৭০৭৫৪	[Signature]
১৮	Sakina Jahan Noor Asst. Architect Sheltech Consultancy	০১৭৩৪৩৩৩৭৭৭	[Signature]
১৯	MD. AMIRUL MLK Sheltech Consultant Ltd. Architect.		[Signature]
২০	Jhat Tarannum Exe. Engr. Sheltech Consultant Pvt Ltd	০১৭১৭০০৭২৪০	[Signature]
২১	Tamveer Morshed Assistant Director UGC	০১৭০৩৫৬১০৭৪	Tamveer

ক্রমিক	নাম ও পদবী	মোবাইল ও ই-মেইল	স্বাক্ষর ও তারিখ
২২	শ্রীঃ আসিফ সিদ্দিক সিনিয়র সহকারী পরিচালক পারিক-সমা ও উন্নয়ন বিভাগ সংসদেয় বিশ্ববিদ্যালয় এডুকেশন-জরিপ	০১৭৭৫-২৭৭৬৭৩ asif.siddique@ugc.gov.bd	 21.05.2025
২৩	Md. Jahidul Islam Industry Relations Expert ICSETEP	০১৫৩৫৭৫৩২০ icr-iesetep@ugc.gov.bd	 21.05.2025
২৪	Humayun Kabir Administrative Officer ICSETEP	০১৭১৭ ৭৭৪৫৩৭ admo-iesetep@ugc.gov.bd	 21.05.2025
২৫	Tusher Ahmed Project Officer ICSETEP	০১৭২৫৪৬২৭৭৫ po-iesetep@ugc.gov.bd	 21.05.25
২৬	Md. Shafiqul Islam Accounts Officer ICSETEP	০১৭২৪১৪৪৭৪৬ ao-iesetep@ugc.gov.bd	
২৭			
২৮			
২৯			
৩০			

28/5/25