

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL (EASTERN ZONE) KOLKATA

O.A no 129/2022/EZ

M.A no 30/2025

SUBHASH DATTA

VS

VISVA BHARTI UNIVERSITY

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BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL ( EASTERN ZONE)

O.A no 129/2022/EZ

M.A no 30 /2025

SUBHAS DATTA

PETITIONER

vs

VISVA BHARATI

UNIVERSITY AND ORS

RESPONDENTS



**COMPLIANCE REPORT FILED BY VISVA BHARATI**

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**I, Dr. Bikash Mukhopadhyay, son of Brajamohan Mukhopadhyay, aged about -56 years , by faith - Hindu, working as Registrar, Visva Bharati, Santiniketan, District -Birbhum, PIN 731235, do hereby solemnly affirm and state as follows-**

- 1. I am the Registrar Visva Bharati as such I am well acquainted with the fact and circumstances and I am duty authorized by the University to affirm the compliance report in the form of affidavit.**
- 2. I say that on 08-02-2023 the Hon'ble National Green Tribunal, Eastern Zone, Kolkata was pleased to dispose of the Original Application being no 129/2022/EZ whereby District Magistrate and Collector were directed to file the compliance report by 31/01/2025.**
- 3. I say that on 22-12-2025 of the Hon'ble National Green Tribunal, Eastern Zone, Kolkata was pleased to direct the University to file the compliance report.**

4. I say that upon receipt the said order dated 08-02-2023 the same was placed before the Vice-Chancellor, for taking decision/instruction as regards to the implementation of solid waste management and sewage treatment plants (STP).
5. On 20-02-2023 the Vice Chancellor instructed that the matter to be placed before the Executive Council (the highest decision making body of the University).
6. On 21.02.2023 the Executive Council had resolved the said issue in the following manner :-

**“The Executive Council considered the direction given by the National Green Tribunal, Eastern Zone Bench, Kolkata vide OA No.129 of 2022 dated 08.02.2023 for implementation of Solid Waste Management System at Visva-Bharati. After detailed discussion it was resolved that the University may approach the UGC and the Ministry of Education, New Delhi for extending necessary support for implementation of Solid and Liquid Waste Management System at Visva-Bharati as per the Judgment/Orders of the NGT.”**

The photocopy of the Executive Council's resolution dated 21-02-2023 is annexed hereto and marked as Annexure 'A'.

7. I say that on 09-07-2024, the University wrote a letter to the Bolpur Municipality seeking its assistance regarding the collection and disposal of waste from Visva-Bharati campus.

The photocopy of the said letter is annexed hereto and marked as Annexure 'B'.

8. By letter dated 21.08.2024 the Bolpur Municipality had sent their reply to our letter dated 09.07.2024.

The photocopy of the said reply dated 21-08-2024 is annexed hereto and marked as Annexure 'C'.



9. I say that one meeting was held on 23-08-2024 at Bolpur Municipality where the Municipality had suggested that they will assist the University in collection and disposal of waste for which a detail survey would be conducted (on receiving NOC from Visva-Bharati) and once a tentative budget is finalized through micro planning.

The photocopy of the said minutes of the meeting dated 23-08-2024 is annexed hereto and marked as Annexure 'D'.

10. By letter dated 10-12-2025 the University made further request to the Bolpur Municipality to collect waste door to door from the University campus.

The photocopy of the said letter is annexed hereto and marked as Annexure 'E'.

11. I say that on 16-12-2025 the Bolpur Municipality had informed that the Municipality will initiate further action after completion of Poush Mela 2025.

The photocopy of the said letter of communication is annexed hereto and marked as Annexure 'F'.

12. I say that in early 2025 the University has initiated the process of in house disposal of a certain type of waste namely bio-degradable leaves and other materials.

13. I say that the University has prepared a detail project report for vermi-composting using fallen leaves in Visva-Bharati"

The photocopy of the said DPR is annexed hereto and marked as Annexure 'G'

14. I say that on 30-05-2025 University has allocated a budget for rupees 10 lakhs and notified the same on 27-05-2025 for implementation of the said project.

The photocopy of the said notification is annexed hereto and marked as Annexure 'H'.



15. I say that by office order dated 14.8.2025 the university has formed a committee for execution of a composting project namely "Bioconsortium for Vermi-Composting using fallen leaves in Visva-Bharati".

The photocopy of the said office order is annexed hereto and marked as Annexure 'I'.

16. I say that the work has already been partially completed on ground through construction of composting pit, purchase of shredder machine etc. Constructions of shed, collection pits etc are underway.

The photocopy of the said work orders and current photographs are annexed hereto and collectively marked as Annexure 'J'.

17. Subsequently, Government of West Bengal (UDMA Department) has engaged a micro planning organization for compliance of the order dated 08-02-2023 passed by the Hon'ble National Green Tribunal.

The photocopy of the relevant correspondences are annexed hereto and marked as Annexure 'K'.

18. I say that the said micro planning organization has already visited the campus of the University and conducted survey and also collected the sample.

19. I say that the said micro planning organization has already visited the campus and conducted survey, sample collection etc. extensively on 06-01-2026 and 07-01-2026 for the purpose of preparation of Detailed Project Report (DPR) and Micro Level Plan (MLP) for Solid and Liquid Waste Management in Visva-Bharati campus.

20. I say that the University has already provided area maps, samples of waste and also two internal project reports (prepared by Visva-Bharati on 30-05-2025) to the Micro Planning agency.



21. I say that on 16.12.2025 the University has also prepared another project report and same has already been provided to the Micro Planning agency.

The photocopy of the said project report is annexed hereto and marked as Annexure 'L'.

22. I say that after receipt of the Detailed Project Report (DPR) and Micro Level Plan (MLP) from the UDMA Department; the University will approach to the Ministry of Education (MoE) and all other relevant ministries of Government of India and also the UGC for providing the Capital Expenditure (CAPEX) and Operating Expenditure (OPEX), for compliance of the said order dated 08-02-2023 passed by the Hon'ble Tribunal.

23. I say that the statement made in paragraphs 1 to 22 are true to my knowledge which are based on the records of the University.



*Ravash Mukhopadhyay*

DEPONENT  
कुलसचिव  
विश्वभारती  
Registrar  
Visva-Bharati

Prepared in my office

*Sucharita Biswas*

Advocate

Identified by me

*Sucharita Biswas*

Advocate

S.L.No:- 04/2026  
dt. 13.01.2026

*[Signature]*

*[Signature]* 13/01/2026  
SANDIP MUKHOPADHYAY  
NOTARY  
BOLPUR, BIRBHUM  
GOVT. OF W.B. REGN. NO.- 73/22

**VERIFICATION**

I, Dr. Bikash Mukhopadhyay, son of Brajamohan Mukhopadhyay, aged about -56 years , by faith - Hindu, working as Registrar, Visva Bharati, Santiniketan, District - Birbhum, do hereby verify that the statement made in paragraph no 1 to 22 are true to my knowledge and paragraph no 11 is matter of record and rest is my respectful submission before this Hon'ble Tribunal.



Dated on 13<sup>th</sup> January, 2026.

*Bikash Mukhopadhyay*

DEPONENT  
कुलसचिव  
विश्वभारती  
Registrar  
Visva-Bharati

*Sandip Mukhopadhyay*  
13-01-2026  
**SANDIP MUKHOPADHYAY**  
**NOTARY**  
**BOLPUR, BIRBHUM**  
**GOVT. OF W.B. REGN. NO.- 73/22**



VISVA-BHARATI  
SANTINIKETAN



Annexure-A

**Excerpts from the Minutes of the meeting of the Executive Council (Karma Samiti) of Visva-Bharati held on 21.02.2023.**

**Agenda Item - 25**

To consider the direction given by the National Green Tribunal, Eastern Zone Bench, Kolkata vide OA No.129 of 2022 dated 08.02.2023 for implementation of Solid Waste Management System at Visva-Bharati. The University may approach UGC and Ministry of Education for implementation of the same at Visva-Bharati.

**RESOLUTION**

The Executive Council considered the direction given by the National Green Tribunal, Eastern Zone Bench, Kolkata vide OA No.129 of 2022 dated 08.02.2023 for implementation of Solid Waste Management System at Visva-Bharati. After detailed discussion it was resolved that the University may approach UGC and Ministry of Education, New Delhi for extending necessary support for implementation of Solid and Liquid Waste Management System at Visva-Bharati as per the judgement/orders of the NGT.

This is for information and necessary action.

No.G/K-10/EC21022023/25  
Date : 01.03.2023

Registrar(Acting)  
Visva-Bharati  
Registrar (Acting)  
Visva-Bharati

To :

1. Joint Registrar, Estate, Visva-Bharati
2. Joint Registrar, Legal Cell, Visva-Bharati
3. Deputy Registrar, Administration, Visva-Bharati
4. University Engineer, Visva-Bharati

Annexure-B



To  
 The Chairman  
 Bolpur Municipality  
 Bolpur, Birbhum

Sub: For seeking help and suggestions regarding the collection and disposal of waste from Visva-Bharati

Dear Sir,

With due respect I would like to seek help regarding the waste management of Visva-Bharati and mechanism that how it should be dumped in environment friendly way as currently there is no dumping site and no disposal mechanism available at Visva-Bharati.  
 Your Kind cooperation in this matter will be highly appreciable.

Signature of the Receiving Clerk  
 Bolpur Municipality  
 Date ... 11/07/24 ...  
**Received**  
 BUT CONTENT NOT VERIFIED

With regard!

*[Signature]*  
 09.07.2024  
 In-Charge  
 Sanitation Section  
 Visva-Bharati  
 SANITATION SECTION  
 Visva-Bharati



# OFFICE OF THE BOLPUR MUNICIPALITY

BOLPUR, BIRBHUM, PIN-731204

Chairman/Chairperson: Smt. Parma Ghosh  
Vice-Chairman: Omar Sekh

Mail ID- bolpurmunicipality@gmail.com  
www.bolpurmunicipality.org

Fax: 03463-252501, Phone: 03463-252501

Ref. No. 1414 / PWD / BM / 2024-25

Date 21 / 08 / 2024

Annexure-C

To,  
The In-Charge,  
Sanitation Section,  
Visva Bharati,  
Santiniketan



**Subject:** A Meeting regarding "Seeking help and suggestions regarding the collection and disposal of waste from Visva-Bharati."

Dear Sir/Madam,

We have received your letter concerning the above subject on 11.07.2024 and sincerely appreciate the initiative taken by your office regarding waste disposal. In response, Bolpur Municipality has arranged a meeting on 23/08/2024 at 12:00 PM at our office to discuss this matter further.

You are kindly requested to attend the meeting with your representative to discuss the collection and disposal of waste from Visva-Bharati and find a resolution to the matter.

We look forward to your cooperation.

Encl: Copy of your request letter.

SWM file  
Visva Bharati  
File  
PS

Chairman  
Bolpur Municipality  
Chairman  
Bolpur Municipality

Memo no.:- 1414 / 1(4) / PWD / BM / 2024-25

Date:- 21 / 08 / 2024

Copy forwarded for information:-

- 1) Sri Joly Chaudhury, Additional Secretary, UD&MA Dept. Govt. of WB and Additional Director SUDA.
- 2) District Magistrate, Suri, Birbhum
- 3) Registrar, Visva-Bharati
- 4) Sub-Divisional Officer, Bolpur
5. E.O, Bolpur Municipality
6. Sri Dharmendra Singh, Councilor, Ward 10-03
7. Sri Tapas Sen, Councilor, Ward 20-18
8. EIC, Bolpur Municipality
9. Md. Saif, SAE, Bolpur Municipality
10. Dharmajoy Paul, SAE, Bolpur Municipality
11. Sudip Bhattacharya, S.A, Bolpur Municipality
12. Sushirajoy Ganguly, CMH, Bolpur Municipality

Chairman  
Bolpur Municipality  
Chairman  
Bolpur Municipality

**OFFICE OF THE BOLPUR MUNICIPALITY**  
**BOLPUR : BIRBHUM**

**Meeting Minutes**

**Date:** 23/08/2024, **Time:** 12:00 PM, **Location:** Municipality Councillor Room  
**Agenda:** "Regarding the Collection and Disposal of Waste from Visva-Bharati"



SL. NO.	NAME	DESIGNATION
1	PARNA GHOSH	CHAIRMAN
2	OMAR SEKH	VICE-CHAIRMAN
3	BAPI BIRBANSHI	ASSISTANT ENGINEER (IN-CHARGE)
4	TAPAS SARKAR	COUNCILLOR
5	DHARMENDAR SINGH	COUNCILLOR
6	DHANANJOY PAUL	SUB-ASSISTANT ENGINEER
7	SAHADEV PEET	SUB-ASSISTANT ENGINEER
8	SUDIRANJAN GANGULY	CMM-NULM
9	MD SAWEL	SUB-ASSISTANT ENGINEER
10	MD SULTAN	VISVA-BHARATI
11	RUPESH KUMAR	IN-CHARGE, SANITATION, V.B.
12	SWAPAN KUMAR HAZRA	GARDEN DEPT., V.B.
13	SUBRATA PAL	JUNIOR ENGINEER, ESTATE, (V.B.)
14	SACHINDRE BISWAS	CONSULTANT ESTATE (V.B.)

The meeting was presided over by the Chairperson of Bolpur Municipality, Smt. Parna Ghosh. She commenced the meeting by thanking all members and officers for their presence and initiating the discussion.

Mr. Rupesh Kumar, In-Charge, Sanitation, V.B made a thread bearing discussion over the issue on SWM. The points, as discussed are as follows: -

1. In-Charge of Visva-Bharati's Sanitation Section mentioned that their team was unable to operate the fog machine. In response, it was suggested that the person responsible for operating the fog machine at Visva-Bharati should bring the machine to the municipality. Bolpur Municipality assured that they would provide the necessary training to the Visva-Bharati operator on how to properly operate the machine.

2. As per the SWM Rules 2016, the total management procedure is divided into three categories:

- i. Segregation at Source
- ii. Collection (Primary and Secondary)
- iii. Processing (Reduce, Reuse, and Recycle) at the dumping ground.

Bolpur Municipality is currently implementing SWM procedures across 22 wards. However, it was noted that without sufficient resources, such as vehicles and manpower, it is challenging to fully comply with the SWM rules and NGT (National Green Tribunal) guidelines.

3. Visva-Bharati's Sanitation Department raised concerns about the absence of a dedicated dumping yard for managing solid waste effectively. They also informed the committee that no plans are currently in place to address this issue.



4. The surrounding areas of Visva-Bharati commonly merged with Bolpur Municipality are currently being serviced by Bolpur Municipality, which collects waste regularly and disposes of it in various areas of Visva-Bharati.

5. During the discussion, it was suggested that Bolpur Municipality could potentially manage the entire SWM process for Visva-Bharati, provided Visva-Bharati grants permission and agrees to pay user fees.

6. In the presence of officers from Visva-Bharati's Sanitation Department, it was agreed that if Bolpur Municipality is to manage SWM in Visva-Bharati areas, a joint survey would first be required to assess the situation and plan for proper SWM.

7. It was decided that a formal proposal letter would be sent to Visva-Bharati by the municipality, requesting permission for the Bolpur Municipality's micro-surveyors to conduct a survey.

8. Once Visva-Bharati grants permission for the necessary surveying work, Bolpur Municipality will conduct the surveying and Microplanning and prepare a tentative budget for SWM implementation, which will then be submitted to Visva-Bharati for approval.

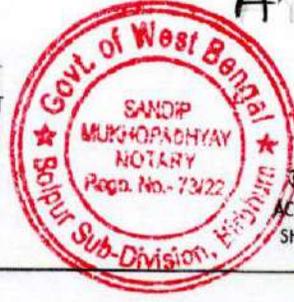
9. It was concluded that further action will be taken by Bolpur Municipality once the necessary No Objection Certificate (NOC) is obtained from Visva-Bharati.

The meeting ended with a vote of thanks to all the members and officers from the Chairperson, Bolpur Municipality.

*Chairman*  
Chairman  
Bolpur Municipality



विश्वभारती  
विश्वभारती  
Visva-Bharati



Annexure-E

आचार्य श्री नरेंद्र मोदी  
ACHARYA (CHANCELLOR)  
SHRI NARENDRA MODI

संस्थापक: रवीन्द्रनाथ ठाकुर  
Founder: Rabindranath Tagore

Ref. No. REG/75/359/2025-26

Date: 10.12.2025

To  
The Chairperson  
Bolpur Municipality  
Bolpur, Birbhum

**Subject: Request to initiate solid waste collection and disposal system of Visva-Bharati campus**

Sir/Madam,

A meeting was held on 30.10.2025 at 4:30 p.m. among the members of the Sanitation Committee, Estate Office, and the Registrar, Visva-Bharati, to discuss the issue of waste disposal within the campus (Annexure-I). In the meeting, it was decided that Visva-Bharati will adopt the first method suggested by Bolpur Municipality in the meeting held on 23.08.2024 at 12:00 p.m. i.e., Bolpur Municipality would collect garbage from every department, section, office, hostels and quarter within the Visva-Bharati campus and dispose of it at the Municipality's designated dumping sites. (Annexure-II).

It is in continuation to the resolution of joint meeting held on 11.11.2022 among the representatives of the UD&MA Department, Bolpur Municipality, West Bengal Pollution Control Board, ADM, Birbhum, and SDO, Bolpur under the chairmanship of the Additional Secretary, UD&MA, Government of West Bengal as per direction of Hon'ble NGT vide O.A No. 129/2022/EZ (Annexure-III). In that meeting, it was decided (Point No. 7 of the resolution) that, for disposal of solid and liquid waste, Visva-Bharati may choose any one of the two proposed options. Visva-Bharati authority decided to pursue the second option mentioned that "against a user fee to be determined by Bolpur Municipality, the required services may be provided by Bolpur Municipality." In consequence a meeting was held on 23.08.2024 at 12:00 p.m. (mentioned in the first para) among the Vice-Chairman, Bolpur Municipality and other representatives of Bolpur Municipality along with representatives of Sanitation Section, Garden Section and Estate Office of Visva-Bharati (Annexure-II), wherein two options were given to the Visva-Bharati authority by Bolpur Municipality. Visva-Bharati authority has decided to opt first method as mentioned in the first para above.

In view of the above, you are kindly requested to take necessary steps related to waste collection and disposal within the Visva-Bharati campus as per the first method proposed by Bolpur Municipality which includes giving quotation of user fee as applicable, etc. Visva-Bharati shall extend all necessary cooperation in this regard and will abide by the terms and conditions after the quotation is accepted by appropriate authority of Visva-Bharati.

Visva-Bharati is open to any discussion in finalizing the above matter as early as possible.

Your urgent action in the matter is solicited.

Thanking you,

Encl : As stated

Sincerely,

(Dr. Bikash Mukhopadhyay)  
Registrar  
Visva-Bharati

कुलसचिव  
विश्वभारती  
Registrar



OFFICE OF THE BOLPUR MUNICIPALITY  
BOLPUR, BIRBHUM, PIN-731204

Chairman/Chairperson: Smt. Parna Ghosh  
Vice-Chairman: Omar Sekh

Mail ID- bolpurmunicipality@gmail.com  
www.bolpurmunicipality.org

Fax: 03463-252501, Phone: 03463-252501

Annexure-F

Ref. No. 3654/PWD/BM/2025-26

Date 16-12-2025

To  
The Additional District Magistrate (General)  
Birbhum  
P.O. & P.S.: Suri, Birbhum

**Sub:** Submission of status report regarding implementation of SWM  
& LWM works within Visva-Bharati University Campus area.

**Ref:**

1. Memo No. 3590/PWD/BM/2025-2026 dated 12.12.2025
2. Memo No. REG/75/359/2025-26 dated 10.12.2025
3. Memo No. 2283(3)/RM dated 27.11.2025



Sir,

With reference to the subject cited above, this is to inform you that Bolpur Municipality had already communicated its status and observations regarding the Solid Waste Management (SWM) and Liquid Waste Management (LWM) works within the Visva-Bharati University Campus area vide this office Memo No. 3590/PWD/BM/2025-2026 dated 12.12.2025.

Subsequently, this Municipality has received a communication from Visva-Bharati University vide Memo No. REG/75/359/2025-26 dated 10.12.2025, the contents of which are self-explanatory and require due consideration in the matter.

In view of the above, it is hereby submitted that Bolpur Municipality shall initiate and undertake all necessary actions in the matter, in consultation with the authorities of Visva-Bharati University, after the conclusion of Pous Mela-2025, so as to ensure coordinated implementation without disruption to the said event.

This is submitted for your kind information and further necessary action, as deemed appropriate.

Encl: As stated.

Yours faithfully,

*[Signature]*  
Executive Officer  
Bolpur Municipality  
Executive Officer  
Bolpur Municipality

Copy forwarded for information and necessary action to:

1. The Director, SUDA, UD & MA Department, Salt Lake, Kolkata
2. The District Magistrate, Birbhum
3. The Registrar, Visva-Bharati University
4. The Sub-Divisional Officer, Bolpur, Birbhum



*[Signature]*  
Executive Officer  
Bolpur Municipality  
Executive Officer  
Bolpur Municipality



VISVA-BHARATI  
SANTINIKETAN

Annexure-6

Ref. No. : PSB/VMP/ 59 /2025-2026

Date : 30.05.2025

To  
The Registrar (Actg.)  
Visva-Bharati, Santiniketan

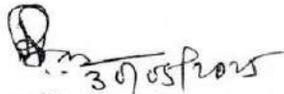
Sub: Project proposal and proceedings of the meeting held on 16.05.2025 of the Committee for vermi-composting project – reg.

Sir,

Please find enclosed herewith the project proposal of vermin-composting using fallen leaves (Bio-consortium for Vermicomposting using the fallen leaves in Visva-Bharati Campus) and proceedings of the committee meeting held on 16.05.2025 for your kind perusal and further necessary action.

Encl: as stated.

Copy to: CS to Hon'ble Vice Chancellor, Visva-bharati

  
(Binoy Kr. Saren)

अध्यक्ष / Principal  
पल्ली शिक्षा भवन  
Palli Siksha Bhavana  
(कृषिविज्ञान - संस्थान)  
(Institute of Agriculture)  
विश्वभारती, श्रीनिकेतन  
Visva-Bharati, Sriniketan



Received on 30.05.25  
NK



  
30/05/2025



PALLI-SIKSHA BHAVANA  
VISVABHARATI, SRINIKETAN

**PROJECT PROPOSAL**  
**On**  
**Bio-consortium for Vermicomposting using the fallen leaves in**  
**Visva-Bharati Campus**

**INTRODUCTION:**

Visva-Bharati, nestled within the verdant landscapes of Santiniketan and Sriniketan, is home to a rich biodiversity and a vast canopy of trees. Each year, both campuses generate a significant volume of fallen leaves, which, while a symbol of natural abundance, present a substantial challenge in terms of management and disposal. Currently, these biomass residues are either left to decompose naturally or are incinerated, both of which are inefficient and potentially harmful to the environment.

In response to this issue, we propose a sustainable and ecologically beneficial solution: the large-scale production of vermi-compost from the collected leaf litter. Vermicomposting, a biological process that uses earthworms to convert organic waste into nutrient-rich compost, offers a natural and eco-friendly alternative for organic waste management. This initiative aims to not only address the logistical challenges of leaf disposal but also to create value-added products that can enhance soil fertility and promote organic farming practices within and beyond the campus. A unique aspect of this project will be the development and application of microbial cultures for enhancing the composting process. These microbial consortia will be tailored for accelerated decomposition, disease suppression, and nutrient enrichment, making the final vermi-compost more effective and commercially viable.

The project also aims to explore the economic viability and scalability of vermincomposting as a decentralized model for sustainable waste management and rural entrepreneurship. By integrating scientific innovation with ecological stewardship and community participation, Visva-Bharati University seeks to develop a replicable model of circular bioeconomy rooted in Gandhian and Tagorean principles of harmony with nature.

This initiative is not only a waste-to-wealth endeavor but also a novel, interdisciplinary research model that blends environmental science, microbiology, economics, and sustainability studies. It aligns with India's goals under the Swachh Bharat Abhiyan, Mission LiFE (Lifestyle for Environment), and Sustainable Development Goals (SDGs), especially those related to climate action (SDG 13), sustainable cities and communities (SDG 11), and responsible consumption (SDG 12).



**OBJECTIVES:** The present project will have following objectives-

- **To develop an integrated system for the scientific conversion of fallen leaves into high-quality vermicompost** using earthworms and microbial consortia.
- **To establish a sustainable, replicable model** of waste-to-resource conversion that can be extended to other academic and rural institutions.

**Site of the project and civil works:** Two sites for primary composting of fallen leaves were finalized as a) vacant space near the northern side of Bangladesh Bhavana, Santiniketan and b) vacant space in front of Rathindra Krishi Vigyan Kendra, Sriniketan. Leaf collection and composting will be done in two different 'Chatal' or earthen levelled area with sprinkler/watering will be constructed including arrangement of shredders and shievers. The vermi-composting will only be done at the Rathindra Krishi Vigyan Kendra Site where covered segmented composting pits will be constructed.

**Collection of leaves:** Collection of fallen leaves, grasses and other organic matters will be collected by 'Mahadal' Labourers and carried by tractor drawn trolley. Entire collection process will be supported by University Garden Section.

**Labour requirement for primary composting and vermi-composting:** Primary composting and vermin-composting will be carried out by deploying following staffs:

**Primary composting at Santiniketan:** 1 semiskilled labourer

**Primary composting at Sriniketan:** 1 semiskilled labourer

**Vermicomposting unit at Sriniketan:** 1 skilled labourer/MTS

**Brief methodology of preparation of vermin-compost:** The methodology of the project involves a systematic, multi-stage approach to transform fallen leaf litter from Visva-Bharati's Santiniketan and Sriniketan campuses into value-added vermicompost using scientific and eco-friendly techniques. Initially, leaf biomass will be collected, sorted, and shredded to enhance decomposition. Pre-composting will be conducted for partial breakdown, followed by layering with cow dung in specially constructed vermin-composting beds. Selected species of earthworms such as *Eisenia fetida* will be introduced into the beds, and environmental conditions like moisture and temperature will be maintained to support optimal decomposition. Ready microbial culture will be applied to composting units to accelerate the process and enhance nutrient value. Periodic monitoring of physical (temperature, pH, moisture) and chemical parameters (C: N ratio, NPK content) will ensure quality control. The final product will be harvested, sieved, and packaged using eco-friendly materials with proper labelling for retail and bulk sales. Economic analysis will cover cost of production, labour, and market pricing to determine profitability and scalability. The entire process will be documented to establish a replicable, sustainable model of campus-level organic waste management integrated with climate action and rural development goals.


**BUDGET REQUIREMENT for 2025-2026:**

Sl. No	Items	Estimated cost (in lakh rupees)	Total (in lakh rupees)
1.	Equipment: a. Shredder (1 nos.) b. Shiever (2 nos.) c. Small equipments/implements (weighing machine, motor etc)	2.0 0.25 1.0	2.0 0.5 1.0
2.	Pipeline	0.75	0.75
3.	Fencing	0.75	0.75
4.	Cowdung	0.75	0.75
5.	Polythene/Silpauline	1.0	1.0
6.	Manpower: Semi-skilled labourer (Rs.463.74/day) (2nos) Supervisor/Skilled labour /MTS (1 No)	Rs.463.74x20x12x2 ----	2.23
7.	Contingency	1.02	1.02
<b>TOTAL</b>			<b>10.0</b>
8.	Civil work (Vermi compost chamber)	3.0	3.0
<b>GRANDTOTAL</b>			<b>13.0</b>

(Thirteen lakh rupees only)

**FUTURE LINE OF WORK:**

- **To isolate and mass-multiply efficient microbial strains** that enhance the decomposition process and add agronomic value to the compost.
- **To assess the carbon credit potential** by calculating greenhouse gas mitigation and carbon sequestration through the composting process.
- **To conduct an economic analysis** of vermicomposting and exploring the potential for commercialization and local employment generation.
- **To identify and valuation of different the ecosystem services** (Provisioning services, Regulating services, Supporting services, Cultural services) generated by the vermin-compost. .

*Bidhan Ch. Roy*  
29.05.2025  
(Bidhan Ch. Roy)  
Jt. Co-ordinator

*N. Chandra*  
29.05.25  
(N.C. Mondal)  
Jt. Co-ordinator

*B. Saren*  
29/05/2025  
(Binoy Kr. Saren)  
Chairman



VISVA-BHARATI  
SANTINIKETAN

REVISED BUDGET REQUIREMENT for 2025-2026 (as decided on 02.07.2025):

Sl. No	Items	Estimated cost (in lakh rupees)	Total (in lakh rupees)
1.	Equipment: a. Shredder (1 nos.) b. Shiever (1 nos.) c. Small equipments /implements (weighing machine, motor, tools and implements etc) (detail estimate attached)	2.25 0.25 1.00	3.5
2.	Civil work (detail estimate attached)	5.00	5.0
3.	Contingency	1.50	1.5
<b>TOTAL</b>			<b>10.0</b>

(Ten lakh rupees only)

*Bidhan Ch. Roy*  
(Bidhan Ch. Roy) 02/07/2025  
Jt. Co-ordinator

*N.C. Mandal*  
02.07.25  
(N.C. Mandal)  
Jt. Co-ordinator

*Binoy Kr. Saren*  
02/07/2025  
(Binoy Kr. Saren)  
Chairman



URGENT

Annexure-H

## NOTIFICATION

**Sub: Annual Allocation under Capital Assets for the Financial Year 2025-2026.**

This is to notify for information of all concerned that the Planning Board of the University in its meeting dated 26/05/2025 has considered and approved the following head/item-wise Annual Allocation under Capital Assets (OH-35) for the year 2025-2026, based on the approval of UGC vide letter no. F. No. F.1-3/2025 (CU), dated 20/05/2025, subject to availability of fund:

Sl. No.	Purpose/Particulars	Allocation (₹ in lakh)	Execution/ Action
1	<b>Campus Development</b>		
a)	Essential Major Repair/Renovation/up-gradation of Roads, Drains, Gates & Fencing (Poush Mela Ground) & Cycle Stands	200.00	Engineering Department Visva-Bharati
b)	Essential Major Repair/Renovation/up-gradation of Hostels - Nandan Sadan, Patha-Bhavana, Vidya-Bhavana Boys, Kala-Bhavana (Amtala Boys) and General Kitchen are the priority. Provision of Ramps, wherever essential.		
c)	Essential Major Repair/Renovation/up-gradation of Guest Houses [Rathindra Atithi Griha, Purbapalli, SAIL, Ratankuthi (Kitchen)] and Canteens, etc.		
d)	Provision of Drip Irrigation		
e)	Installation of LED Lights and provision for Solar Lights/Panels at various locations of the campus		
f)	Water supply, including essential provision for pumps, etc. (hostels are the priority)		
g)	Restoration/Improvement (cleaning, deepening, excavation, etc.) of Water Bodies of the campus [Bhubandanga, Hatipukur & Barobandh (Sriniketan)] for preservation of water throughout the year and Landscaping & Plantation at suitable areas of the campus.	40.00	Estate Office Visva-Bharati
2	<b>Books/Journals</b>	50.00	Librarian, Central Library
3	<b>ICT enabled infrastructure for online learning and content development</b>		
a)	Renewal of license for firewall at least for one year i.e. 2026-2027	60.00	Computer Centre Visva-Bharati
b)	Provision of Video Conferencing facility at 04 (four) identified locations		
c)	Provision for Biometric Attendance System at Rabindra Bhavana, Central Administrative Building & Central Library		
4	<b>Procurement of E-resources (Perpetual)</b>	20.00	Librarian, Central Library

Santosh

Sl. No.	Purpose/Particulars	Allocation (₹ in lakh)	Execution/ Action
	<b>5 Small Equipment/Laboratories</b>		
	Procurement of vehicles (04 Passenger Car/Van) and at least 03 E-Rickshaw (mainly for Heritage Areas, Guest Houses and for emergent purposes) as part of replacement (inclusive of registration charges, as applicable)	60.00	Central Transport Cell Visva-Bharati
b)	Procurement of Green Generator for Guest Houses (Rathindra Atithi Griha, Purbapalli Guest House, International Guest House and Lipika are the priority)	20.00	Guest Houses Visva-Bharati
c)	Procurement and installation of CCTV and other modern tool for security at different locations of the campus (vital installations and hostels are the priority)	20.00	Watch & Ward (Security Office) Visva-Bharati
d)	Procurement of essential composting equipment to ensure proper disposing of waste materials	10.00	PSB Visva-Bharati
	<b>6 Other infrastructure including furniture &amp; fixture</b>		
a)	Essential/basic furniture for Guest Houses (extended rooms at Panchabati are the priority)	15.00	Guest Houses Visva-Bharati
b)	Essential/basic furniture for hostels & canteens and suitable provision of wheel chairs and other gadgets for differently abled persons. Software for differently/special abled persons (visually impaired)	20.00	Director, PSNS Visva-Bharati
c)	Installation of Glow Sign Board/Signage at different locations of the campus (Design/layout be prepared by the Principal, Kala-Bhavana)	10.00	Engineering Department Visva-Bharati
	<b>7 Emergent/unforeseen/reserved purposes</b>		
	(To be considered by the competent authority, as per requirement of the Bhavanas/Depts./Offices, deems essential/justified)	75.00 (Detailed breakup shown as under)	Central Purchase Section, Visva-Bharati, in case of procurement
	<b>GRAND TOTAL</b>	<b>600.00</b>	

Allocation of fund under Emergent/unforeseen/reserved purpose				
Sl. No.	Name of the Bhavana/Dept./Office	Name of Article/Item	Quantity	Allocation (₹ in lakh)
1.	P.M. Hospital	Basic/essential facilities/infrastructure (Equipment & furniture)		25.00
2.	P.M. Hospital	(Suitable specification for all the computers be determined by the In-charge, Computer Centre)	05	30.00
3.	PSB		15	
4.	Library		20	
5.	PSV		01	
6.	Kala-Bhavana		02	
7.	Sangit-Bhavana		02	
8.	Vinaya-Bhavana		02	
9.	Siksha-Bhavana		02	
10.	Patha-Bhavana (including Lab.)		05	
11.	Siksha Satra		03	
12.	Granthana Vibhaga		06	
13.	Reserved		04	



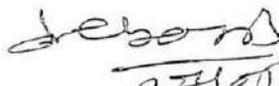
500/2017

Sl. No.	Name of the Bhavana/Dept./Office	Name of Article/Item	Quantity	Allocation (₹ in lakh)
14.	Rabindra-Bhavana Museum	Air-Conditioners	01 (8.5 Ton)	5.00
15.	Conference Room of Central Library		02	
16.	Office of Vice-Chancellor		02	
17.	Garden Section	Bush Cutting Machine	10	2.00
18.	Kala-Bhavana	Essential Equipment		2.00
19.	Sangit-Bhavana	Essential Musical Equipment		2.00
20.	Vidya-Bhavana	Partition wall for Anthropology Department		1.50
21.	Vinaya-Bhavna	Essential Equipment		1.00
	<b>Total</b>			<b>68.50</b>

**NOTE**

- (i) In order to ensure proper & timely utilisation of grants and timely submission of UC to UGC, all concerned are advised to utilise the allocated grant in observance of relevant rules, norms, procedures, guidelines etc. including provisions under GFR, 2017.
- (ii) As advised by the Hon'ble Vice-Chancellor, all are requested to ensure that the allocated grants be utilized in terms of Govt. Rules (i.e. 33% by June, 50% by September, 75% by December and the entire fund (i.e. 100%) by March of each financial year, in order to avoid any adverse observations from C&AG and no purchase/procurement be considered in March. Status of utilisation be reviewed by the competent authority periodically.
- (iii) As far as projects under Campus Development [sl. no. 1 (g)] is concerned, a committee consisting of the following members has been constituted for suitable recommendation/guidance. Estate Office is advised to issue necessary notification in this regard.
- Principal, PSB, V.B. - Chairman
  - Prof. Goutam Kumar Ghosh, PSB, V.B.
  - Joint Registrar (Estate), V.B.
  - Dr. Kalipada Pramanik, Vice Principal, PSB, V.B.
  - Dr. Kishore Chandra Swain, PSB, V.B.
  - In-charge, Garden Section, V.B.
  - Dr. Subrata Mondal, KVK, V.B.
  - University Engineer, V.B.

Memo no. Dev./Annual Allocation/29/2025-2026  
Dated: 27/05/2025

  
Joint Registrar (Development)  
Visva-Bharati

To

- Directors/Adhyakshas of Bhavanas/Vibhagas, Visva-Bharati
- Heads of Academic and Administrative Departments/Centres/Units/Offices, Visva-Bharati

Copy forwarded for information & necessary action to:

- Registrar (Acting), Visva-Bharati
- Finance Officer (Offg.), Visva-Bharati
- Joint Finance Officer, Internal Audit, Visva-Bharati
- Joint Registrar (Accounts), Visva-Bharati
- Joint Registrar & C.S. to Vice-Chancellor, Visva-Bharati
- Joint Registrar (Estate), Visva-Bharati

University Engineer, Visva-Bharati  
Capital Assets, 2025-26

With a request to submit estimates of the work(s) under Campus Development (in prescribed format of UGC) at the earliest for placing before the Joint Committee of Building Committee and Building & Campus Committee for approval.

Annexure-I



বিশ্বভারতী  
বিশ্বভারতী  
VISVA-BHARATI



**OFFICE ORDER**

The undersigned is directed to convey that a committee comprising the following members has been constituted for formulation and execution of the composting project "Bioconsortium for vermi-composting using fallen leave in Visva-Bharati campus".

- 1) Prof. Binoy Kumar Saren, Principal, Palli Siksha Bhavana – **Chairman**
- 2) Prof. Narayan Chandra Mandal, Principal, Siksha-Bhavana – **Joint Co-ordinator**
- 3) Prof. Bidhan Chandra Roy, Head, Department of Agricultural Economics, P.S.B. - **Joint Co-ordinator**
- 4) Prof. Ranjan Nath, Head, Dep't of Plant Pathology, Palli Siksha Bhavana
- 5) Prof. Amitava Paul, Professor-in-charge, Engineering Department
- 6) Dr. Prabitra Kumar Biswas, Head, Dep't of Soil Science & Agricultural Chemistry, Palli Siksha Bhavana
- 7) Dr. S. Balachandran, Dept. of Environmental Science, Siksha-Bhavana
- 8) Dr. Bumba Dam, Dep't of Botany, Siksha-Bhavana
- 9) Dr. Narottam Dey, Dep't of Biotechnology, Siksha-Bhavana
- 10) Dr. Nandalal Mandal, Dep't of Botany, Siksha-Bhavana
- 11) Dr. Kishore Chandra Swain, Dep't of Agricultural Engineering, Palli Siksha Bhavana
- 12) Dr. Pritam Ghosh, Dep't of Agronomy, Palli Siksha Bhavana
- 13) Dr. Manik Chandra Kundu, Dep't of Soil Science & Agricultural Chemistry, Palli Siksha Bhavana
- 14) Dr. Subrata Gorain, Dep't of Agricultural Economics, Palli Siksha Bhavana
- 15) Dr. Sourav Mandal, Rathindra Krishi Vigyan Kendra, Palli Siksha Bhavana
- 16) Joint Registrar (Estate)
- 17) In-charge, Garden Section
- 18) Dr. Prohlad Deb, Vice-Principal, Palli Siksha Bhavana - **Convener**

Memo No. REG/O.O./89/ 216 /2025-26  
Date: 14/08/2025

Registrar(Acting)  
Visva-Bharati

*(Handwritten signature)*

Copy forwarded for information and necessary action to:

- 1) Directors/ Principals of Bhavanas/Vibhagas
- 2) Heads/In-charge of academic and administrative Departments/Centres/Sections etc
- 3) Joint Registrar & C.S. to Vice-Chancellor
- 4) In-charge, Computer Centre – to upload in the University Website
- 5) P. A. to Registrar



Annexure - J

## ACCEPTANCE-CUM-WORK ORDER

Work Order No. Engg./WO/071/2025-26.

Dated : 12-11-25.

To

Sudip Dutta,  
C/O-Chandra Shekhar Dey,  
Bolpur Station Road,  
P.O.- Bolpur, Dist- Birbhum.



**Sub: Construction of Vermicomposting Unit (1<sup>st</sup> Phase) at Sriniketan, Visva-Bharati.**

Ref: Our earlier Order No. Engg./ 853/2025-26, Dated: 10.11.2025.

Estimated Cost: Rs.4,18,261.00

Dear Sir,

With reference to the subject mentioned above the University has approved to award the above work in your favour. The tendered amount for the work is as per the Annual Rate Contract (A.R.C.), i.e. 7.02% (Seven point zero two percent) less than the estimated cost, amounting to Rs.3,88,899.00 (Rupees Three lac eighty eight thousand eight hundred ninety nine only). Additionally, Labour Welfare Cess (L.W. Cess) and GST shall be levied as per applicable statutory regulations.

Payment & Security Deposit Terms:

1. Retention of Security Deposit: 10% of the executed value shall be deducted from your bills as a security deposit, which shall be refunded as per the applicable rules.
2. Defect Liability: Any defects arising during the defect liability period must be rectified by you at your own cost, failing which the University reserves the right to recover the rectification cost from the security deposit.

You are requested to complete the work within 31.12.2025 in all respect in consultation with the Junior Engineer Sri Bapi Das.

*M. S. Das*  
12/11/25

Estimator

Yours faithfully,

*Anita Paul*  
Professor In-Charge (Engg. Dept).  
Visva-Bharati

Memo No. Engg./867/2025-26, Dated : 12/11/25

Copy to:

1. The Accounts Officer, Visva-Bharati.
2. The Security In-Charge, Visva-Bharati
3. The Joint. Registrar & In-charge, Estate Office, Visva-Bharati
4. The Legal Cell.
5. The Junior Engineer -Sri Bapi Das for execution, billing & quality control.
6. The Professor In-Charge / Section Officer, General / Engineering Accounts & Estimator Engg. Dept.
7. File No.-CA./25-26-03

Budget Head: Capital Grant- 2025-26-Small Equipment / Laboratories, PSB, Visva-Bharati.

Sd/-

Professor In-Charge (Engg. Dept)



## Engineering Department

## ACCEPTANCE-CUM-WORK ORDER

Work Order No. Engg./WO/ 074/2025-26.

Dated : 12-11-2025

To

Jiban Sardar,  
Moldanga, Sriniketan,  
Birbhum.

Sub: Erection of new PVC pipe line for Vermicomposting Unit at Sriniketan.

Ref: 1. Our earlier Order No. Engg. / 846/2025-26, Dated: 10.11.2025

Estimated Cost: Rs.41,350.00

Dear Sir,

With reference to the subject mentioned above the University has approved to award the above work in your favor. The tendered amount for the work is as per the Annual Rate Contract (A.R.C.), i.e., **6.5% (six point five percent) less** than the estimated cost, amounting to **Rs.38,447.00** (Rupees Thirty eight thousand four hundred forty seven only). Additionally, Labour Welfare Cess (L.W. Cess) and GST shall be levied as per applicable statutory regulations.

Payment &amp; Security Deposit Terms:

1. Retention of Security Deposit: 10% of the executed value shall be deducted from your bills as a security deposit, which shall be refunded as per the applicable rules.
2. Defect Liability Any defects arising during the defect liability period must be rectified by you at your own cost, failing which the University reserves the right to recover the rectification cost from the security deposit.

You are requested to complete the work within 31.12.2025 in all respect in consultation with the Junior Engineer Sri Bapi Das.

Yours faithfully,

*M. S. Das*  
12/11/25

Estimator

*Dr. Anil Kumar*  
Professor In-Charge (Engg. Dept). 12/11/25  
Visva-Bharati

Memo No. Engg./870 /2025-26, Dated : 12/11/25

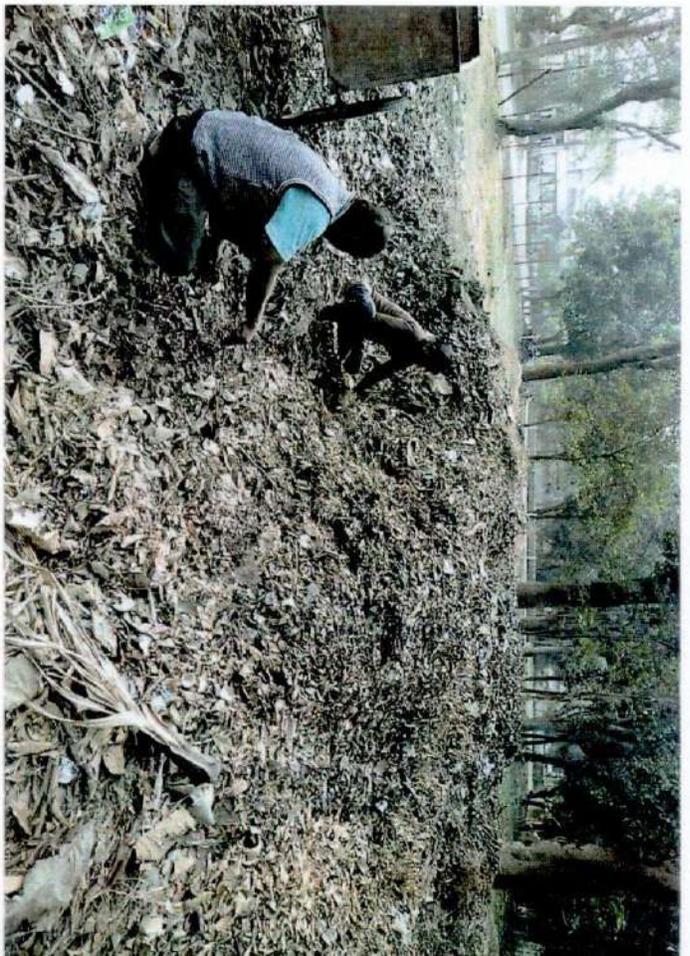
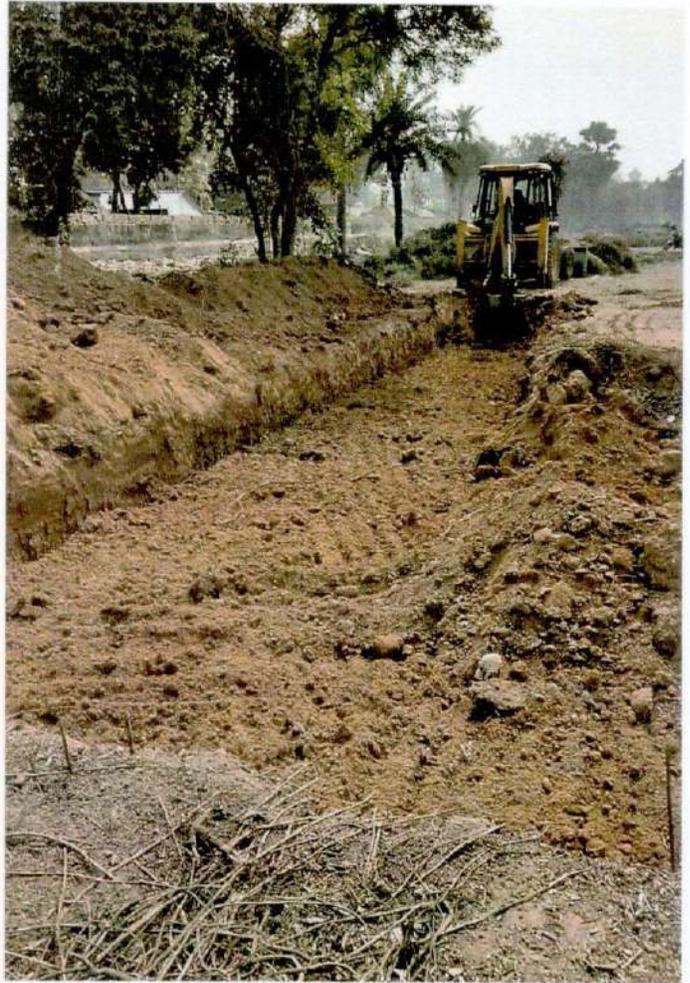
Copy to:

1. The Chairman Vermi Compost Unit & the Principal, PSB, Sriniketan.
2. The Accounts Officer, Visva-Bharati.
3. The Security In-Charge, Visva-Bharati
4. The Joint. Registrar & In-charge, Estate Office, Visva-Bharati
5. The Legal Cell.
6. The Junior Engineer –Sri Bapi Das for execution, billing & quality control.
7. The Professor In-Charge / Section Officer, General / Engineering Accounts & Estimator Engg. Dept.
8. File No. WS/2025-26-01

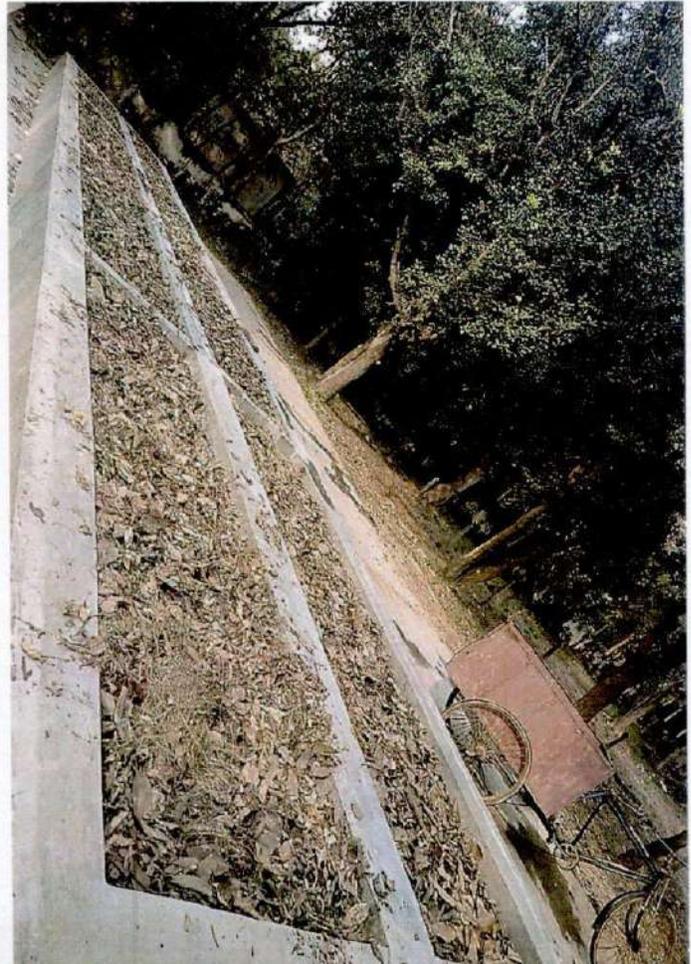
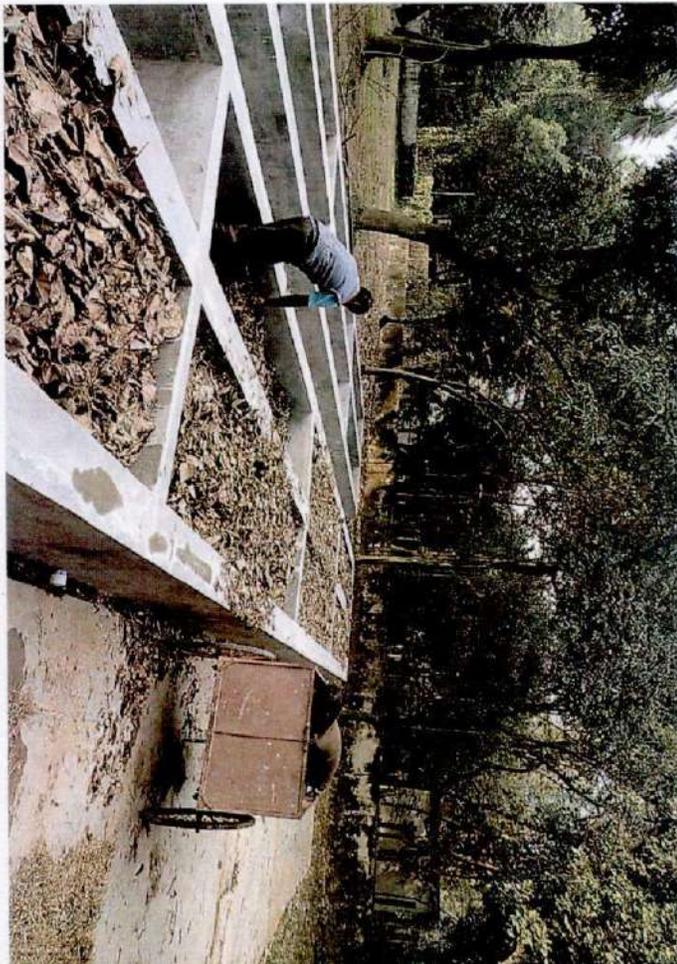
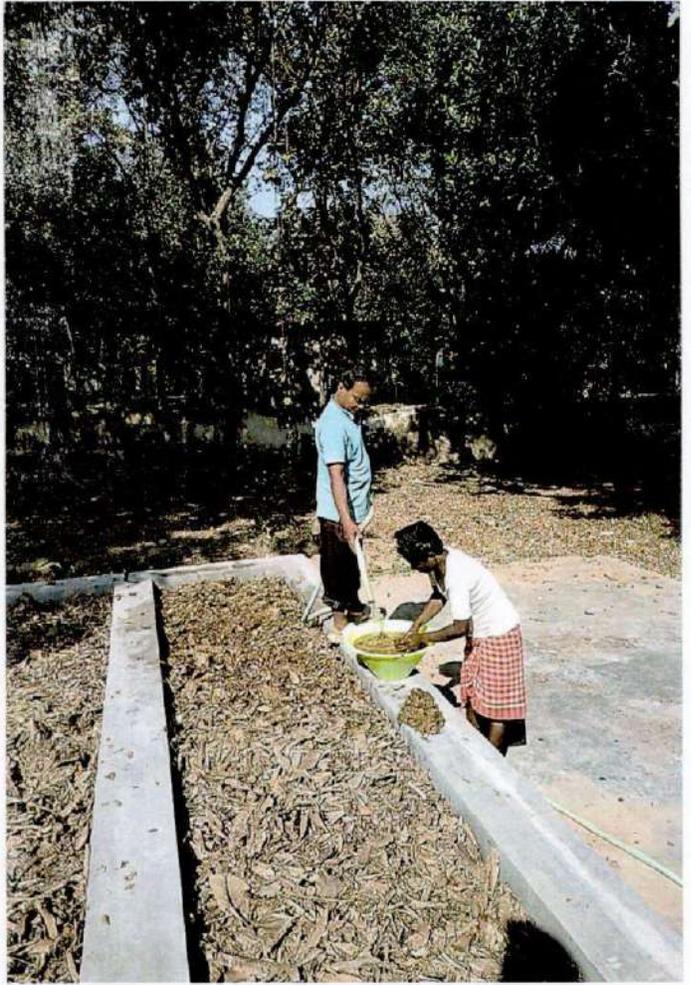
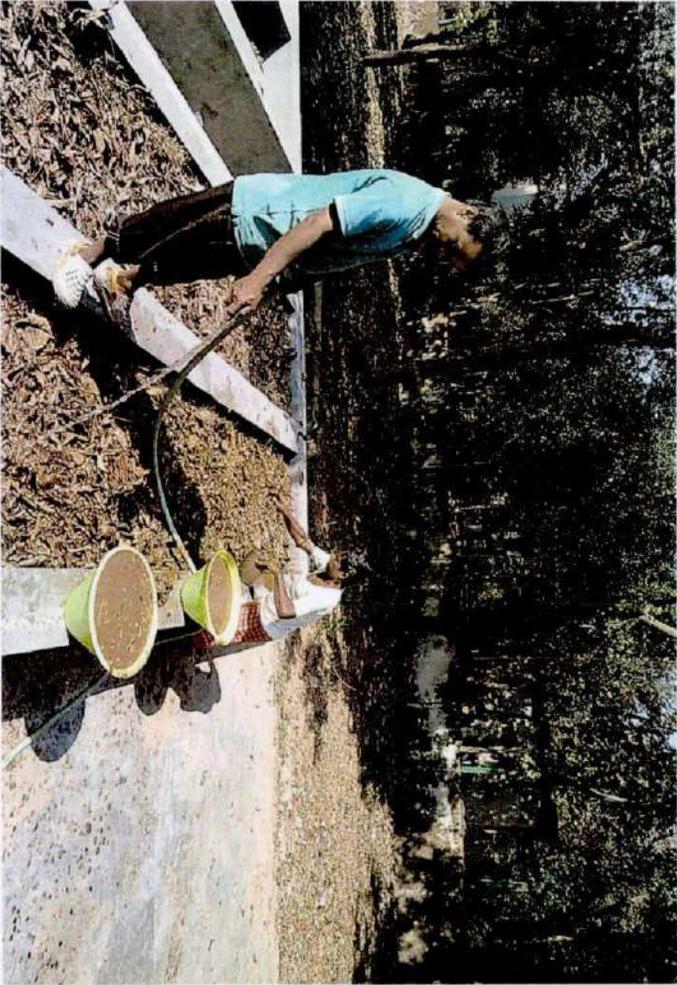
Budget Head: Maintenance repairs to water works Tanks and Chemicals, Water Supply Section 2025-2

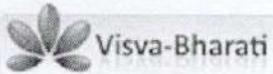
Sd/-

Professor In-Charge (Engg. Dept).  
Visva-Bharati



Bhubandanga, Bolpur  
 - Santiniketan Rd,  
 Bhubandanga, Bolpur, West  
 Lat:23.6723782,Long:23.6723782





Estate Office &lt;eo@visva-bharati.ac.in&gt;

## Fwd: Request for support for Preparation of Detailed Project Report (DPR) for Solid Waste Management

8 messages

BITAN DIRECTOR &lt;bitandirector@gmail.com&gt;

5 January 2026 at 17:22

To: "eo@visva-bharati.ac.in" &lt;eo@visva-bharati.ac.in&gt;, "registrar@visva-bharati.ac.in" &lt;registrar@visva-bharati.ac.in&gt;

Cc: Bitan Org &lt;bitanorg@gmail.com&gt;, Bitan Kolkata &lt;bitanskills@gmail.com&gt;, BITAN CLEAN GP

&lt;bitancleangp@gmail.com&gt;, "rupesh.kumar@visva-bharati.ac.in" &lt;rupesh.kumar@visva-bharati.ac.in&gt;

Respected Sir,  
Greetings from BITAN!

With reference to the discussion held today at your esteemed office at Visva-Bharati University, we, the Team BITAN, would like to inform you that we have initiated the preparatory work for the Detailed Project Report (DPR) on Solid Waste Management, as directed by the State Urban Development Agency in coordination with the District Authority, Birbhum District.

Since this morning, our team has conducted meetings with the Sub-Divisional Office, Birbhum; officials of the Bolpur Municipality; and concerned officials of Visva-Bharati University including Registrar and Joint Registrar (Estate). We sincerely thank you for giving us your valuable time and for the guidance provided during our interaction.

As discussed, we are hereby sharing the detailed Excel format that needs to be filled in by the University for the preparation of the DPR at the earliest, as we have been instructed to complete the DPR within the shortest possible time. The information required broadly covers the following aspects tomorrow and need your all kinds of support:

1. Quantification and composition of waste generated within the University campus.
2. Visit and assessment of key areas such as hostels, Mela ground, water bodies, and any legacy/dumping sites
3. Interaction and meetings with the sanitary team of the University
4. After receiving the filled-in Excel sheet, we would request a detailed discussion with the concerned team members who have provided the information, so that any queries or clarifications may be addressed

We would also like to inform you that Team BITAN is currently stationed at Visva-Bharati University and has made lodging arrangements at the Youth Hostel, Bolpur, to facilitate on-site coordination and timely completion of the DPR. We look forward to your kind support and cooperation in this regard.

### Thanks & Regards

Mr. Santanu Bhowmick  
Program Director  
BITAN  
Contact No:9836064524  
www.bitanindia.org  




----- Forwarded message -----

From: BITAN DIRECTOR <bitandirector@gmail.com>

Date: Mon, Jan 5, 2026 at 4:27 PM

Subject: Request for support for Preparation of Detailed Project Report (DPR) for Solid Waste Management

To: registrar@visva-bharati.ac.in <registrar@visva-bharati.ac.in>, <eo@visvabharati.ac.in>

Cc: rupesh.kumar@visva-bharati.ac.in <rupesh.kumar@visva-bharati.ac.in>, Bitan Org <bitanorg@gmail.com>, Bitan Kolkata <bitanskills@gmail.com>, BITAN CLEAN GP <bitancleangp@gmail.com>

Respected Sir,  
Greetings from BITAN!

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Since this morning, our team has conducted meetings with 226 Sub-Divisional Office, Birbhum; officials of the Bolpur Municipality; and concerned officials of Visva-Bharati University including Registrar and Joint Registrar (Estate). We sincerely thank you for giving us your valuable time and for the guidance provided during our interaction.

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### Thanks & Regards

Mr. Santanu Bhowmick  
Program Director  
BITAN  
Contact No:9836064524  
www.bitanindia.org  




 **Visva\_Bharati\_Bulk\_Waste\_Generator\_Data\_Format.xls**  
46K

**BITAN DIRECTOR** <bitandirector@gmail.com> 5 January 2026 at 18:14  
To: "registrar@visva-bharati.ac.in" <registrar@visva-bharati.ac.in>, "eo@visva-bharati.ac.in" <eo@visva-bharati.ac.in>  
Cc: "rupesh.kumar@visva-bharati.ac.in" <rupesh.kumar@visva-bharati.ac.in>, "abhijit.thander@visva-bharati.ac.in" <abhijit.thander@visva-bharati.ac.in>, superintendent.garden@visva-bharati.ac.in, "ganeshchandra.malik@visva-bharati.ac.in" <ganeshchandra.malik@visva-bharati.ac.in>, "proctor@visva-bharati.ac.in" <proctor@visva-bharati.ac.in>, Bitan Org <bitanorg@gmail.com>, Bitan Kolkata <bitanskills@gmail.com>, BITAN CLEAN GP <bitancleangp@gmail.com>

Dear Sir,

As discussed with Jt Registrar, Visva Bharati University I am forwarding the email for your kind perusal.

[Quoted text hidden]

 **Visva\_Bharati\_Bulk\_Waste\_Generator\_Data\_Format.xls**  
46K

**Registrar Visva-Bharati** <registrar@visva-bharati.ac.in> 5 January 2026 at 18:49  
To: Proctor Visva-Bharati <proctor@visva-bharati.ac.in>, "Prof. Ganesh Chandra Malik" <ganeshchandra.malik@visva-bharati.ac.in>, Goutam Mandal <gmciphet@gmail.com>, Rupesh Kumar <rupesh.kumar@visva-bharati.ac.in>, Estate Officer <eo@visva-bharati.ac.in>, Superintendent Garden Section <superintendent.garden@visva-bharati.ac.in>

[Quoted text hidden]

 **Visva\_Bharati\_Bulk\_Waste\_Generator\_Data\_Format.xls**  
46K

**BITAN DIRECTOR** <bitandirector@gmail.com> 6 January 2026 at 15:07  
To: "registrar@visva-bharati.ac.in" <registrar@visva-bharati.ac.in>, "eo@visva-bharati.ac.in" <eo@visva-bharati.ac.in>  
Cc: "rupesh.kumar@visva-bharati.ac.in" <rupesh.kumar@visva-bharati.ac.in>, Bitan Org <bitanorg@gmail.com>, Bitan Kolkata <bitanskills@gmail.com>, BITAN CLEAN GP <bitancleangp@gmail.com>, "superintendent.garden@visva-bharati.ac.in" <superintendent.garden@visva-bharati.ac.in>, "abhijit.thander@visva-bharati.ac.in" <abhijit.thander@visva-bharati.ac.in>, "ganeshchandra.malik@visva-bharati.ac.in" <ganeshchandra.malik@visva-bharati.ac.in>, "proctor@visva-bharati.ac.in" <proctor@visva-bharati.ac.in>

With due respect, we would like to apprise you of the progress made by Team BITAN towards the preparation of the Detailed Project Report (DPR) on Solid Waste Management for Visva-Bharati University.

Over the duration we are here at the University, our team has carried out substantial field-level work across multiple locations within the University campus. We have visited and interacted with stakeholders from key institutions and areas, including Girls' and Boys' Hostels, Staff Quarters, the University Hospital, hostel boarders, family members of faculty and staff residing within the campus, as well as various administrative personnel. Our interactions also included the Proctor, hostel wardens, matrons, sanitary staff, and other concerned officials.

In addition, we visited the University canteen, roadside vendors, the existing dumping site, and the vermicomposting unit. Through these visits and interactions, we have been able to complete the major field-level component of the assignment, particularly the composition and characterization of waste. Throughout this process, we received sincere cooperation and support from all concerned, for which we are truly grateful.

At this stage, we feel that the primary field interventions have been completed. We are presently focusing on collecting the required secondary data as per the Excel format shared with you yesterday. We plan to remain at Bolpur until tomorrow afternoon to continue interactions with concerned officials for this purpose, after which our team will be leaving.

In this context, we humbly request you to kindly facilitate the sharing of the duly filled-in Excel sheet containing the required information at the earliest, as we have been instructed by the State Urban Development Agency, District and Municipal Authority to complete the DPR within the shortest possible duration.

We sincerely appreciate the support extended to us so far and look forward to your continued guidance and cooperation.

#### Thanks & Regards

**Mr. Santanu Bhowmick**  
Program Director  
BITAN  
Contact No:9836064524  
www.bitanindia.org



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Estate Office <eo@visva-bharati.ac.in>  
To: bitandirector@gmail.com

6 January 2026 at 18:28

Sir / Madam,

Please find attached herewith scanned copy of documents available with the Estate Office for your kind perusal.

Total Area of University Land:- 1130.78 Acre.

Regards

Subrata  
JE 2, Estate

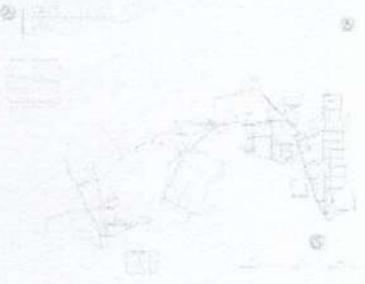
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Regards,

Ashok Kumar Mahato  
Joint Registrar (Estate & Legal)  
Visva-Bharati

5 attachments



**Visva Bharati Campus Map full.JPG**  
2755K



-  **Detailed ATR regarding Waste Management by D.M dt 13.07.2020.pdf**  
2766K
-  **Minutes of the follow up meeting with Joly Chaudhuri dt 11.11.pdf**  
3590K
-  **Dry & wet waste management-VB-16122025.docx**  
22K
-  **Visva Bharati Campus Map full.pdf**  
539K

**Estate Office** <eo@visva-bharati.ac.in>

6 January 2026 at 18:29

To: Registrar Visva-Bharati <registrar@visva-bharati.ac.in>, Ashok Kumar Mahato <ashokkumar.mahato@visva-bharati.ac.in>

Cc: Biswanath Jyoti <bnjyoti08@gmail.com>

Sir,

This is for your information.

Regards

Subrata

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**5 attachments**



**Visva Bharati Campus Map full.JPG**  
2755K

-  **Detailed ATR regarding Waste Management by D.M dt 13.07.2020.pdf**  
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3590K
-  **Dry & wet waste management-VB-16122025.docx**  
22K
-  **Visva Bharati Campus Map full.pdf**  
539K

**BITAN DIRECTOR** <bitandirector@gmail.com>

6 January 2026 at 20:01

To: Estate Office <eo@visva-bharati.ac.in>, "registrar@visva-bharati.ac.in" <registrar@visva-bharati.ac.in>, Bitan Kolkata <bitanskills@gmail.com>, BITAN CLEAN GP <bitancleangp@gmail.com>

Thank you for sharing the map and a few details as we asked.

As discussed with you today we need details of proposed site of the solid waste management unit including the Central Processing Unit (CPU) for Wet Waste Management and Material Recovery Facility (MRF) for Plastic/Dry Waste Management and same has been already mentioned in the shared excel format as part of the major requirement of preparation of the DPR.

So, kindly also share the following details:

Name of the Proposed location of the proposed site.

Photographs of the proposed land site with Latitude and Longitude(if decided we may visit the area tomorrow morning and take the photo)

Dag and Khatian No of the proposed land.

### Thanks & Regards

Mr. Santanu Bhowmick  
Program Director  
BITAN  
Contact No:9836064524  
www.bitanindia.org



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Estate Office <eo@visva-bharati.ac.in>

8 January 2026 at 19:27

To: BITAN DIRECTOR <bitandirector@gmail.com>

Cc: Registrar Visva-Bharati <registrar@visva-bharati.ac.in>, Ashok Kumar Mahato <ashokkumar.mahato@visva-bharati.ac.in>

Sir / Madam,

In continuation to our earlier mail, we are also sending a DPR prepared by the Principal PSB (Department of Agriculture of Visva Bharati) on 30-05-2025 for processing / composting of dry leaves and other biodegradable items in Visva Bharati for your kind perusal.

As sought, we are also sharing details of plot nos of our sites:-

Newly built Vermicompost Units near Rathindra Krishi Vigyan Kendra:- LR Plot no 76/5861 & 76/5474 of mouza Surul (JL 104), Khatian no 270

Proposed new units near Bangladesh Bhavana:- LR Plot no 683 of mouza Bolpur (JL 99) Khatian no 11228

Regards

Subrata

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 DPR made by PSB.pdf  
3046K

**1. Introduction**

Visva-Bharati is a University of National Importance unique in nature among Indian Central Universities in terms of its spatial layout, historical context, and administrative complexity. Unlike a conventional compact campus, Visva-Bharati is interwoven with private lands and areas under the control of various Private Owners or State Government authorities. The campus is divided into **three major zones**, spread across an approximate extremity of **4.0 km**, encompassing **about 1,129 acres** of land. This vast area comprises approximately **150 institutional buildings, academics, offices, hostels, and service buildings**, along with **around 470 residential quarters of varying capacity**.

Given this dispersed and heterogeneous spatial arrangement, the planning and implementation of a **cost-effective, efficient, and sustainable solid and liquid waste management system** pose unique challenges. As Visva-Bharati University is **100% funded by the Ministry of Education (MoE), Government of India**, the proposed waste management system must be economically prudent, scalable, environmentally sustainable, and competent with national regulations. Furthermore, the initiative provides an excellent opportunity to incorporate **Corporate Social Responsibility (CSR)** partnerships with industries to promote **green initiatives, circular economy principles, and long-term environmental stewardship**.

**2. Campus Profile and Population Distribution**

The Visva-Bharati campus is broadly divided into three zones, each with a significant design population and distinct land characteristics.

Zone	Design Population	Area (ha)
Zone I	7,300	
Zone II	7,152	456.21
Zone III	6,499	
<b>Total</b>	<b>20,951</b>	<b>1,129 acres (approx.)</b>

The population comprises students (residential and day scholars), teaching and non-teaching staff, visitors, service personnel, and dependents residing in campus quarters and Ashramites. Waste generation patterns vary significantly across academic buildings, hostels, residential areas, canteens, offices, healthcare facilities, and public spaces.

**3. Objectives of the Waste Management System initiated by the University**

The primary objectives of the proposed solid and liquid waste management system are:

1. **To develop a decentralized, zone-wise waste management model** suitable for a fragmented campus.

16/12/25  
 Assistant Engineer (Civil)



2. **To minimize waste generation** through source reduction and sustainable consumption practices.
3. **To maximize segregation, recycling, and resource recovery** at source.
4. **To ensure scientific treatment and disposal** of residual waste in compliance with statutory norms.
5. **To integrate CSR support** from industries for technology, funding, awareness, and innovation.
6. **To promote a green, clean, and sustainable campus ecosystem** aligned with national missions such as Swachh Bharat and LiFE (Lifestyle for Environment).



#### 4. Solid Waste Management (SWM) Strategy

##### 4.1 Waste Characterization

The solid waste generated within the Visva-Bharati campus can broadly be categorized as:

- **Biodegradable waste:** Food waste, kitchen waste, garden waste, leaf litter.
- **Recyclable waste:** Paper, cardboard, plastics, metals, glass.
- **Domestic hazardous waste:** Batteries, CFLs, paints, chemicals.
- **E-waste:** Computers, printers, electronic accessories.
- **Sanitary waste:** Napkins, diapers (mainly from hostels and residential quarters).
- **Inert waste:** Construction and demolition debris (periodic).

Given the institutional and residential nature of the campus, **biodegradable waste constitutes the major fraction**, making composting and bio-methanation viable and cost-effective options.

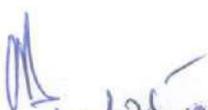
University has constructed 5 nos. of composting units at different zones.

##### 4.2 Source Segregation

Source segregation is the cornerstone of cost-effective waste management. A **three-bin system** will be implemented across all zones:

- **Green bin** – biodegradable waste
- **Blue bin** – recyclable dry waste
- **Red/Black bin** – domestic hazardous and sanitary waste

Segregation shall be made mandatory in hostels, residential quarters, canteens, offices, and academic buildings. CSR-supported awareness campaigns, signage, training workshops, and student volunteer programs can significantly enhance compliance. University is in the process of all necessary initiative as per the requirements demanded.

  
 Sandip Mukhopadhyay (Civil)

### 4.3 Zone-Wise Decentralized Waste Processing <sup>232</sup>

Considering the large spatial spread, **decentralized waste processing facilities** are taken into consideration for each zone.

#### Zone-Level Composting Units

- **Aerobic composting pits** or **mechanical composters** near hostels, canteens, and residential clusters.
- Use of garden waste and leaf litter as bulking agents.
- Compost to be utilized for campus landscaping, gardens, and green belts, reducing fertilizer costs.

#### Bio-Methanation (Optional for High-Waste Areas)

- Installation of **small bio-gas plants** near large hostels or central kitchens. Already we have one, catering to the needs of the nearby complexes.
- Generated biogas can be used for cooking or heating purposes.
- Slurry can be used as nutrient-rich manure.
- Research has also proved that water hyacinths out cleaning of ponds within the campus area is also a good alternative substrate for generations of biogas and thus can make avenue of the clean water for the local community.

CSR participation can support capital costs and technology deployment under renewable energy and waste-to-energy initiatives.

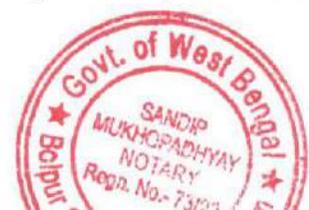
### 4.4 Dry Waste Management and Recycling

- Establishment of **zone-wise Material Recovery Facilities (MRFs)** for sorting dry waste.
- Tie-ups with authorized recyclers for paper, plastics, metals, and glass.
- Revenue generated from recyclables can partially offset operational costs.
- E-waste to be handled through **authorized e-waste recyclers** as per E-Waste Management Rules.

### 4.5 Hazardous and Sanitary Waste

- Separate collection of sanitary waste in lined bins. Different hostels are being provided with vending machines and incinerators.
- Disposal through authorized agencies or incineration facilities.
- Hazardous waste such as batteries and chemicals to be stored safely and disposed of as per regulatory guidelines.

*Handwritten signature and date: 16/12/25*



## 5. Liquid Waste Management Strategy

### 5.1 Nature of Liquid Waste

Liquid waste generated on campus primarily includes:

- Sewage from hostels, quarters, toilets, and kitchens
- Grey water from bathrooms and washing areas
- Wastewater from laboratories and healthcare facilities (limited and specialized)



### 5.2 Decentralized Sewage Treatment Plants (STPs)

Given the dispersed layout, **decentralized STPs** are proposed instead of a single centralized system.

#### Technology Options

- Moving Bed Bio-Reactor (MBBR)
- Sequencing Batch Reactor (SBR)
- Constructed wetlands / reed bed systems for low-energy, eco-friendly treatment

Each zone should have appropriately sized STPs based on population and wastewater generation.

### 5.3 Reuse and Recycling of Treated Water

Treated effluent shall be reused for:

- Gardening and landscaping
- Flushing in toilets
- Cleaning of roads and open spaces

This will significantly reduce freshwater demand and operational costs, aligning with sustainable water management practices.

## 6. Integration of CSR for Green Initiatives

CSR partnerships play a critical role in ensuring financial viability and technological innovation.

#### Potential CSR Contributions:

- Funding for composting units, biogas plants, and STPs
- Supply of smart bins, segregation infrastructure, and IoT-based monitoring
- Support for renewable energy integration (solar-powered waste facilities)

*Handwritten signature and date: 12/10/2025*

- Environmental awareness programs and skill development
- Research collaboration with Visva-Bharati departments on sustainability

Industries operating in energy, cement, FMCG, IT, and manufacturing sectors can align their CSR mandates with campus sustainability goals.

## 7. Institutional Framework and Capacity Building

- Formation of a **Campus Waste Management Cell** under university administration.
- Zone-wise operational teams for monitoring and maintenance.
- Engagement of students, NSS/NCC units, and faculty as “Green Ambassadors”.
- Regular audits, performance reviews, and reporting to MoE.
- Activating Environment Department for monitoring and supervising all those green initiatives.

## 8. Cost-Effectiveness and Sustainability

The proposed system emphasizes:

- **Decentralization** to reduce transportation and energy costs
- **Resource recovery** to generate value from waste
- **Low-energy, nature-based solutions**
- **CSR funding** to reduce capital burden on government funds



Operational costs can be further optimized through automation, community participation, and revenue from recyclables and compost.

## 9. Expected Outcomes

- Clean, hygienic, and aesthetically improved campus
- Reduction in waste sent to landfills
- Conservation of water and natural resources
- Enhanced environmental awareness among stakeholders
- Establishment of Visva-Bharati as a **model green and sustainable university campus**

## 10. Conclusion

The development of a cost-effective solid and liquid waste management system for Visva-Bharati University is both a necessity and an opportunity. By adopting a **zone-wise, decentralized, and**

*[Handwritten signature]*

**sustainable approach**, needed active support of **GOE funding and CSR partnerships**, then only the university can effectively address its unique spatial challenges. The proposed system would be executed in phases with the availability of funds and opportunity to ensure statutory compliance and strengthen Visva-Bharati's legacy of harmony with nature, reinforcing its role as a national exemplary in sustainable campus development.



A  
16/12/25

Assistant Engineer (Civil)  
Engineering Department  
Visva-Bharati