

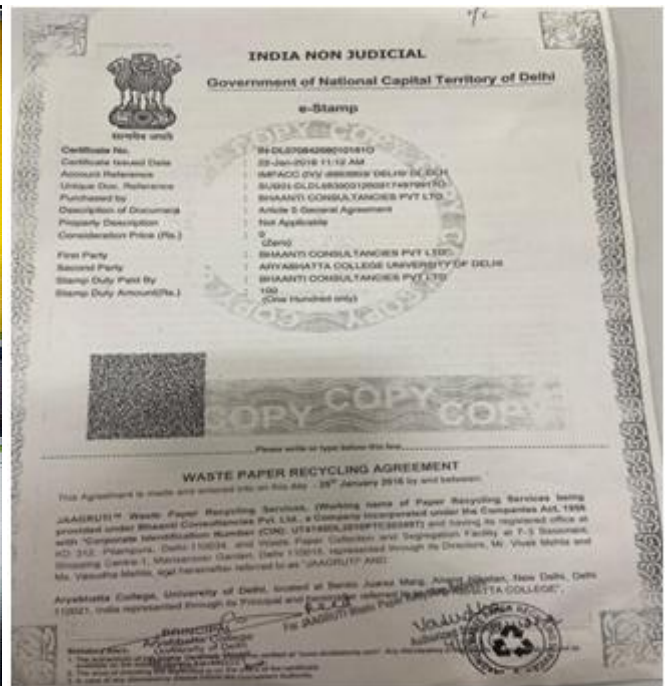
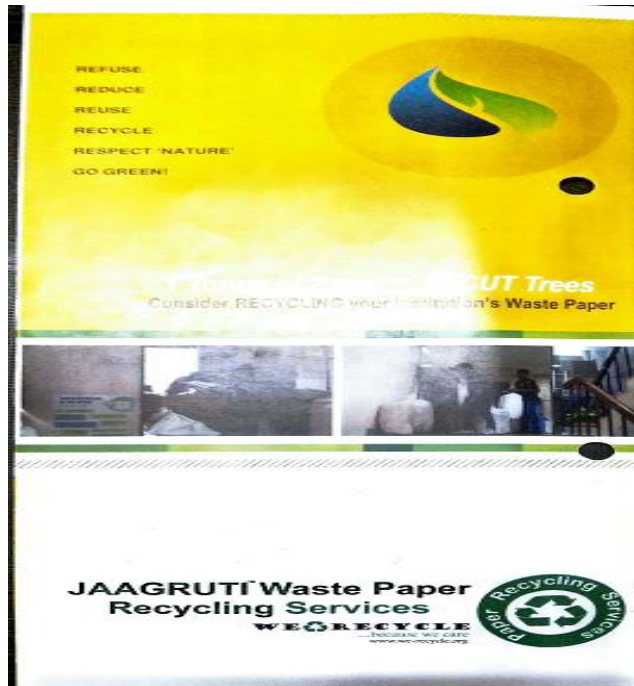
SUPPORTING DOCUMENTS FOR 7.1.3

7.1.3 Facilities in the Institution for the management of degradable and non-degradable waste

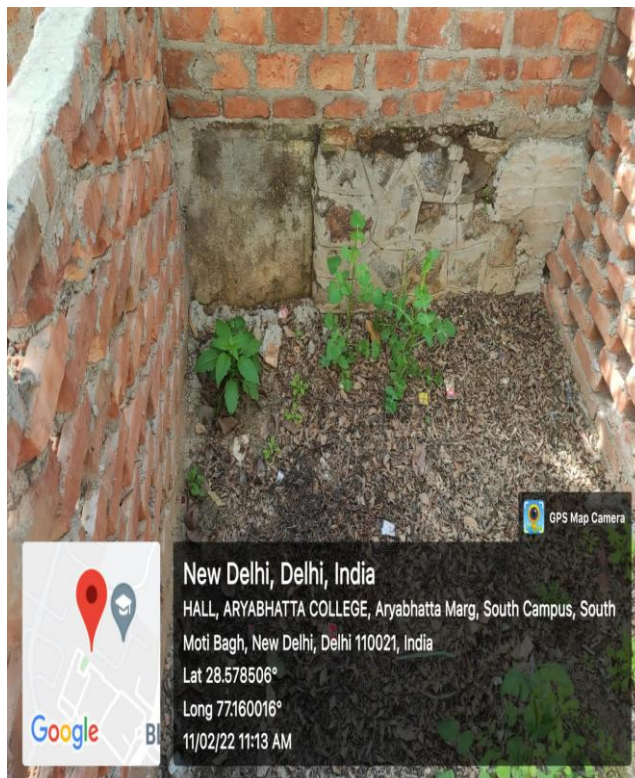
S.NO	Description	Page
1.	Solid Waste Management	2-3
2.	Liquid Waste Management	4-5
3.	E Waste Management	6-7
4.	Waste Management	8

1. SOLID WASTE MANAGEMENT

Waste Paper Recycling



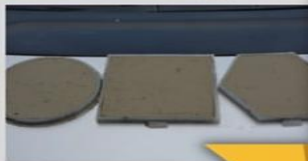
Compost Pit



Project Palaash



Project Ibtida



With **Project Ibtida**, we aim to take a step towards tackling the grave issues of **Air Pollution** due to excessive carbon emissions, and climate change by producing **carbon-negative products** and clean energy.

Through our collaborative efforts with **Greenjams**, we aim to establish a vertical that lays a two-fold impact by making products out of **Aggrocrete®** to replace products made out of plastic and other hazardous materials.



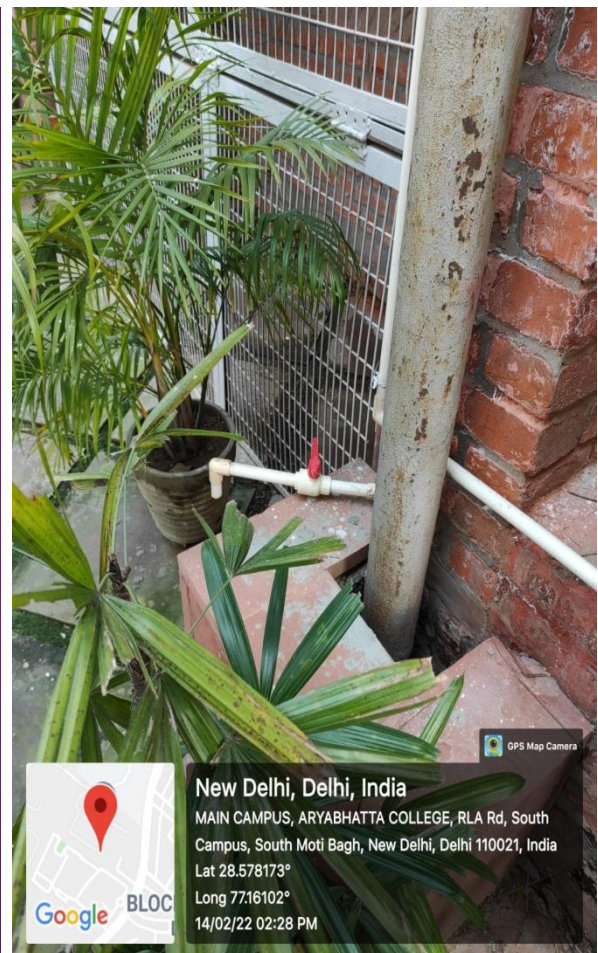
2. LIQUID WASTE MANAGEMENT

Recycling of waste water from RO



Rainwater Harvesting





Water Recharge in Rain Harvesting Tank



Aryabhata College UNIVERSITY OF DELHI

Calculation Of Water Recharge In The Rainwater Harvesting Tank

Water recharge in the rainwater harvesting tank assuming that on a particular day/period Delhi receive about 1cm of rain fall.

Water collected on Kusumpur block terrace during rain which goes into rainwater harvesting tank:

$$\begin{aligned}\text{Area of terrace: } 90 \times 12 &= 1080 \text{ m}^2 \\ \text{Rain} &= 1080 \text{ m}^2 \times 0.01 \text{ m} \\ &= 10.8 \text{ m}^3 \\ &= 10.8 \text{ KI} \\ &= 10800 \text{ litres}\end{aligned}$$

Water collected on terrace of Taregna Block

$$\begin{aligned}51.4 \times 12 &= 616.8 \text{ m}^2 \\ &= 616.8 \text{ m}^2 \times 0.01 \text{ m} \\ &= 6.168 \text{ m}^3 \\ &= 6.168 \text{ KI} \\ &= 6168 \text{ litres}\end{aligned}$$

Rain on ground & water thus collected

$$\begin{aligned}&= 9680 \text{ m}^2 \times 0.01 \text{ m} \\ &= 96.8 \text{ m}^3 \\ &= 96800 \text{ litres}\end{aligned}$$

Total water recharge is $96800 + 6168 + 10800$ approx. 1,13,768 litres

(Prof. Manoj Sinha)
PRINCIPAL

3. E-WASTE MANAGEMENT

E-Waste disposal

Reg No: HSPCB/SR/2018/1331-32



RBH E-WASTE RECYCLE HUB PVT. LTD
 RECYCLING, REFURBISHING AND DATA DESTRUCTION
 Government Authorized, Microsoft Authorized Refurbisher
 ISO 9001:2015, ISO 14001:2015, OHSAS: 45001:2018

CERTIFICATE OF DESTRUCTION

Certificate Number: 423 Date: 10/12/2021

Dear Green Warrior,

This is to certify that E-Waste received from Aryabhata College, University Of Delhi
 Address: University of Delhi, Plot No 5, Benito Juarez Marg, South Campus,
Anand Niketan, New Delhi, Delhi 110021
 Has been disposed off in an environment friendly manner as per EWM Rules, 2016.

E-Waste Contents: Computer monitor UPS keyboard etc as per list attached
 Weight: 500KG E-Waste Manifest No: 423

We thank you for contribution towards a Cleaner and Greener India

Authorized Signatory RBH E-Waste Recycle Hub Pvt Ltd  Director RBH E-Waste Recycle Hub Pvt Ltd

WORKSHOP: 130, HSIIDC, RAI INDUSTRIAL AREA, HARYANA-131029. Toll Free: 1800-123-005566 | 9700007055
 Reach us at: ewasterecyclehub.com Recycle Online at: UsedRecycle.com. Mail us at: info@ewrh.in

E-Waste Collection Drive



TECHPIONEERS

COMPUTER SCIENCE SOCIETY
 Aryabhata College
 (University of Delhi)
 Along with





Karo Sambhav

Cohesive e-waste movement

organizes:

e-waste Collection Drive

26 th February 2019 12:30PM-2:30PM 27 th February 2019 11:00AM-3:00PM	Venue OutSide Multipurpose Hall
--	---

e-waste items to be collected
 Mobile phones, HeadPhone/HeadSet, Earphone, Charger, Tablet, Battery, Desktop(CPU+Monitor), LCD Monitor, Computer Cooling fans, Printers (Including Cartridge), Cables, Boards, Regular Boards- Power Supply.

 <https://www.instagram.com/techpioneersofficial>
 <https://www.facebook.com/techpioneersofficial>

 <https://celes19.tech>

Minutes of Meeting of E-Waste Disposal Committee

20/2/2020

MINUTES OF MEETING

E-Waste Committee met to assess the situation of E-waste collection and disposal process in college. In this regard following decisions were taken:

1. An in-house E-waste collection drive will be launched.
2. The E-waste collected in college will be disposed through a proper channel.
3. E-waste recyclers will be contacted in this regard.

Members Present

1. Mona Adlakha
2. Navender Kumar (Convener)
3. Dr. Priti Jagwani
4. Dr. Chandrashekhar Nishad
5. Saurabh Nayak

Minutes of Meeting

28/2/2019

Following the E-Waste collection drive on 26th and 27th February 2019, E-Waste Committee took stock of the e-waste collected. The following decisions were taken:

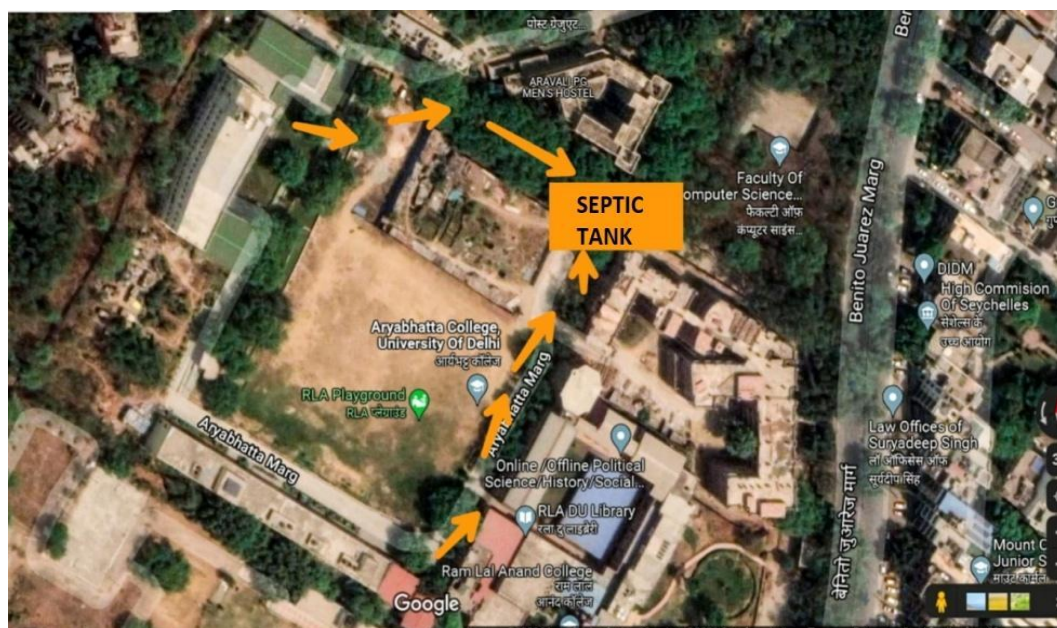
- 1) The collected e-waste will be taken by Karo Sambhar (a Producer Responsibility Organisation).
- 2) Karo Sambhar will sort the waste and send it to e-waste recyclers empanelled with them.
- 3) TechPioneers, Computer Science Society will organise such collection drives periodically.

Members Present

1. Mona Adlakha
2. Navender Kumar (Convener)
3. Dr. Chandrashekhar Nishad
4. Dr. Priti Jagwani
5. Saurabh Nayak

4. WASTE MANAGEMENT

Septic Tank



Minutes of the Meeting for commissioning of Sewage Disposal Plant

Aryabhata College
New Delhi – 110021

Minutes of the 13th meeting of the Building Committee
held at 3 p.m. on 08.09.2020 at the Principal's Office.

Present:

Dr. Prakash Nanda	: Chairman
Dr. Manoj Sinha	: Principal / Member Secretary
Mr. Virender Sachdeva	: Member
Prof. V.K. Ahuja	: Member
Dr. Geeta Budhraj	: Member / Teacher's Representative
Mr. Harish Dhawan	: Special Invitee / Infrastructure Committee
Mr. Shyam S. Sharma	: Special Invitee / Project Engineer

Item No. 1: Confirmation of minutes of the 12th Building Committee meeting held on 08.09.2020.
The minutes were confirmed.

Item No. 2: Reporting on Infrastructure and Building works. A brief report of the building related developments was presented. The issues raised by members were discussed and the recommendations are reported below:

(A) It was recommended that the possibility of the installation of solar panels on rooftops be explored. As a beginning the viability factor for the open roof of SPS Part B should be ascertained.

(B) That correspondence for seeking access to municipal water supply and municipal sewage lines be started and members be informed in case of any difficulties.

(C) It was recommended that an additional gate in the boundary wall be created and permissions (if any) be sought from the relevant bodies.

(D) It was felt that a formal document agreed upon by our college and the RLA College is required for a maintaining a pleasant long-term relationship between the two colleges sharing a single campus. A joint meeting of the Governing Bodies should be sought to discuss and arrive at an agreement.

Item No. 3: It was reported that our College has requested the RLA College to coordinate with the CPWD for the construction and commissioning of the Electric Sub-station. The college would share the expenses. The same was approved.

Item No. 4: It was reported that our College has requested the RLA College to coordinate with the CPWD for the construction and commissioning of the Sewage Treatment Plant. The college would equally share in the expenses. The same was approved.

The meeting ended with thanks to the Chair.

(Dr. Manoj Sinha)
Member, Secretary

(Dr. Prakash Nanda)
Chairman