

### 7.1.3

## Environment and Energy Initiatives

### ‘Beyond the Campus Environmental Promotion Activities’

Under the ‘Beyond the Campus Environmental Promotion Activities’ several kinds of activities are conducted in the college, including organising Environmental awareness drives, doing and promoting plantations drive among the students and staffs. Some of the includes:

#### 1. Organizing Awareness and Educational Seminars and conferences in the college:

- **Workshops and Seminars:** Organize workshops or seminars on the importance of water conservation and how students and staff can make a positive impact.
- **Student Campaigns:** Encourage students to take responsibility for their water use through awareness campaigns. Simple messages like "turn off the tap while brushing your teeth" or "take shorter showers" can make a big difference.

#### 2. Promoting Water-Efficient Landscaping

- **Drought-Resistant Plants:** Replacing traditional lawns in the house of the students and teachers with native, drought-resistant plants that require less water and maintenance.
- **Smart Irrigation Systems:** Promoting students, who belongs to farmer community, to install systems that water plants only when necessary, based on weather forecasts or soil moisture levels.
- **Rainwater Harvesting:** Promoting students and staffs to collect rainwater from roofs to irrigate landscaping, reducing the need for potable water.

#### 3. Water Recycling and Reuse

- **Greywater Systems:** Promoting students and staffs to use treated water from showers, sinks, and washing machines for landscape irrigation or other non-potable uses.

- **Recycling Stations:** Promoting students and staffs to set up systems that allow the reuse of water for specific applications, such as cleaning outdoor spaces or flushing toilets, Distilled Water.

By fostering a culture of water conservation, the college has lead by example in the fight against water scarcity, helping to ensure a sustainable future for students and the larger community.

## **Green Campus Initiatives**

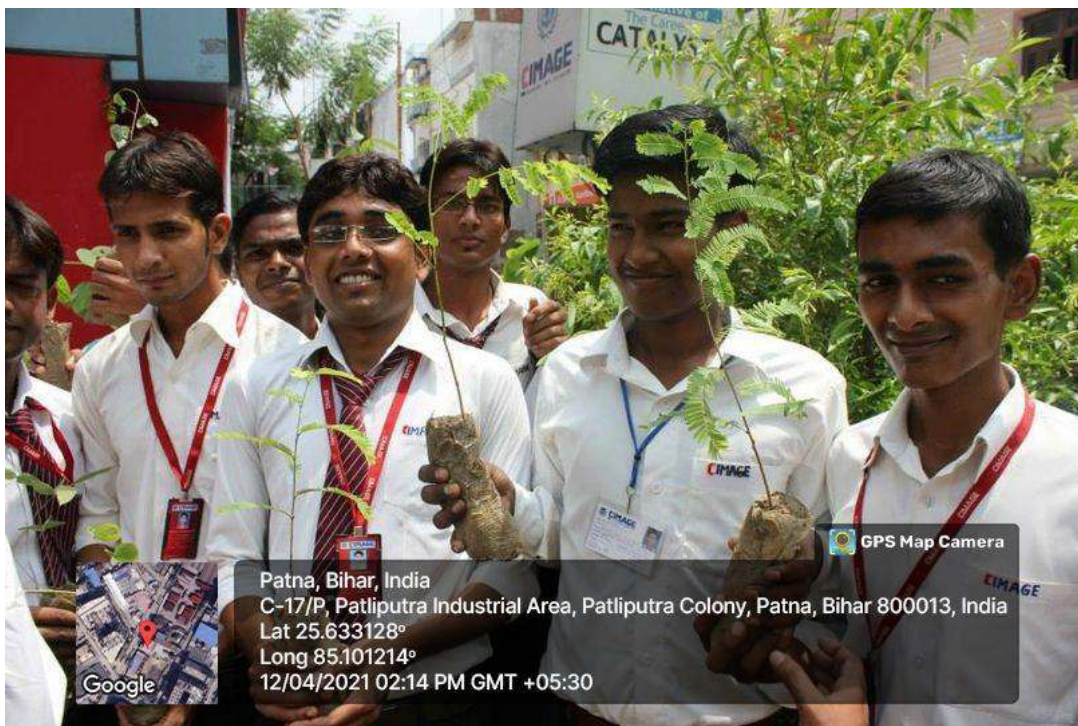
The college is committed for improvement of the natural environment by pollution prevention and control, ecofriendly disposal of waste (specifically electronic waste) and green initiatives, not only in the college but also beyond the campus, for sustainability and survival.

**Plantation being done outside the college by the students.**



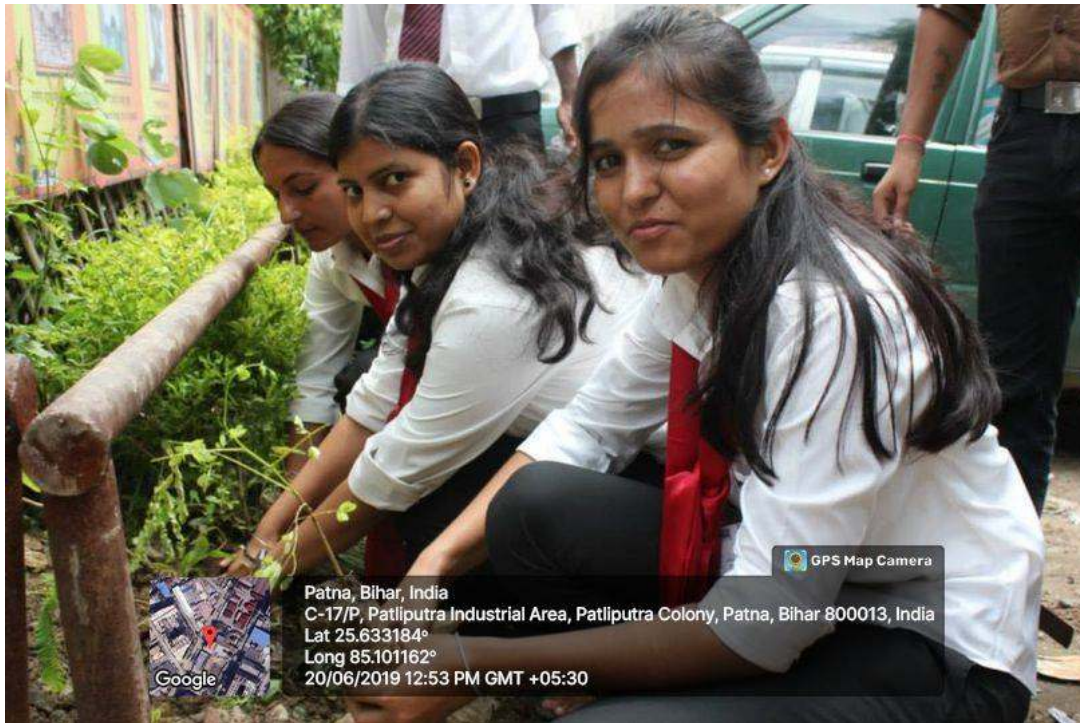
**Plantation being done outside the college by the students.**

**Plantation being done outside the college by the students.**



**Plantation being done outside the college by the students.**

**Plantation being done outside the college by the students.**



**Plantation being done outside the college by the students.**

Cleanliness Drive under Swachhta Abhiyan outside the college students.



Cleanliness Drive under Swachhta Abhiyan outside the college students.

**Cleanliness Drive under Swachhta Abhiyan outside the college students.**



**Cleanliness Drive under Swachhta Abhiyan outside the college students.**

**Cleanliness Drive under Swachhta Abhiyan outside the college students.**



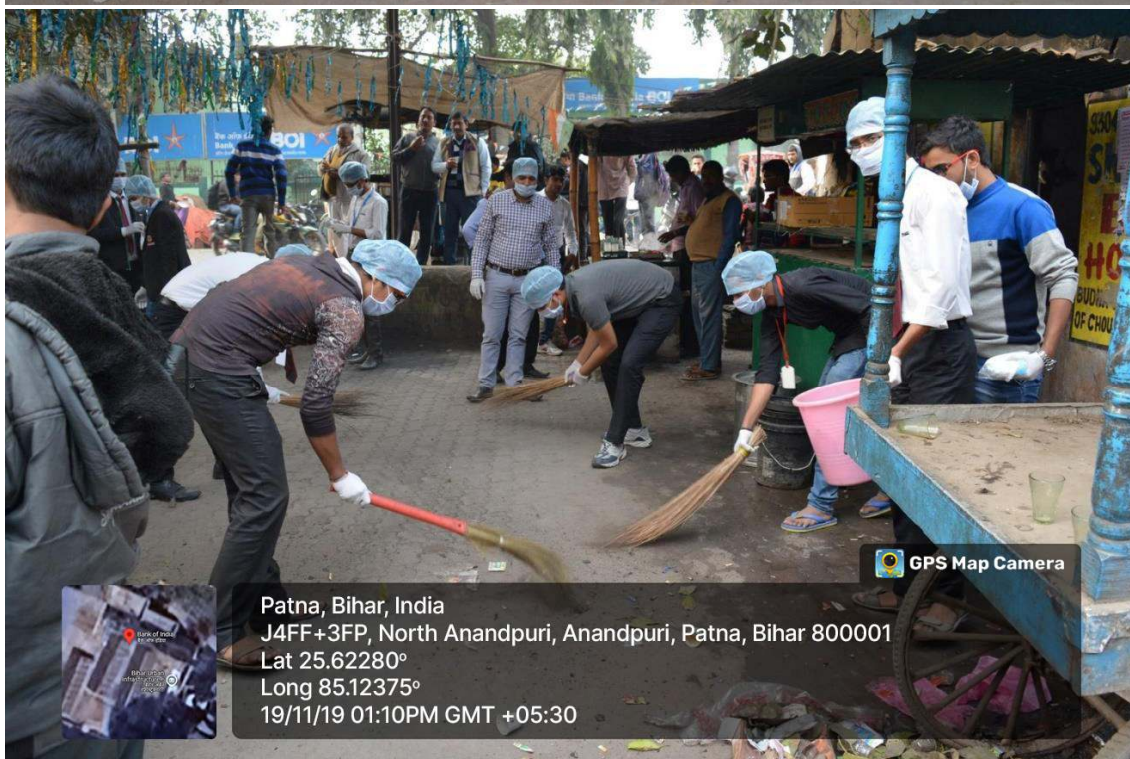
**Cleanliness Drive under Swachhta Abhiyan outside the college students.**

**Cleanliness Drive under Swachhta Abhiyan outside the college students.**



**Cleanliness Drive under Swachhta Abhiyan outside the college students.**

**Cleanliness Drive under Swachhta Abhiyan outside the college students.**



**Cleanliness Drive under Swachhta Abhiyan outside the college students.**

**Cleanliness Drive under Swachhta Abhiyan outside the college students.**



**Cleanliness Drive under Swachhta Abhiyan outside the college students.**

**Cleanliness Drive under Swachhta Abhiyan outside the college students.**



**Cleanliness Drive under Swachhta Abhiyan outside the college students.**

**Cleanliness Drive under Swachhta Abhiyan outside the college students.**



**Cleanliness Drive under Swachhta Abhiyan outside the college students.**

Cleanliness Drive under Swachhta Abhiyan outside the college students.



Cleanliness Drive under Swachhta Abhiyan outside the college students.



## Memorandum of Understanding

Between

**Catalyst College, Patna**

And

**Green India Mission Foundation, Patna**



Green India Mission Foundation, Dargah Ghera, Patna – 800006, Bihar will facilitate to Catalyst College, Plot Nos: 16, 10 & 11 Patliputra Industrial Area, Patna - 800130, Bihar for the following:

01. Green India Mission Foundation shall facilitate students of the institute for Industrial Visits, Skills Training, Internship, Project Work and Research work.
02. Green India Mission Foundation shall conduct regular audits Green Audit, Energy, Environment, Gender and Tagging work on demand.
03. Green India Mission Foundation shall facilitate Students participation on Herbarium project work.
04. Green India Mission Foundation shall conduct regular seminar/workshop/awareness programme at the college as per mutual understanding with college.
05. Green India Mission Foundation will undertake e-waste management and empower students on various aspects which need to make them a true Eco friendly and Greenery work minimizing e-waste.
06. Green India Mission Foundation shall provide consultancy for Eco friendly Infrastructure development, minimizing cost of Infra Development, Architectural Drawing and Blueprint as per mutual consent.

In continuation of above, any other areas of co-operation that may emerge from time to time would be taken into consideration with mutual consent. This understanding will be reviewed every 3 years with effect from date of agreement and can be revised in case necessity of both parties.

It is agreed between parties that whatever information is shared between the two parties, shall be treated as strictly confidential.

Signed and Agreed Between (both parties)

<b>Catalyst College, Patna</b> <b>Principal</b> <b>CATALYST COLLEGE</b> Plot No. 16, 10 & 11 Patliputra Industrial Area Patna - 800130 Principal (Seal & Sign)	<b>Green India Mission Foundation, Patna</b> <b>General Secretary</b> 13/09/2021 General Secretary (Seal & Sign) <b>GREEN INDIA MISSION FOUNDATION</b> ESTD - 2017 Office No. 62A, Ground floor, Dargah Ghera, Patna - 800006
---	--

Date & Place: 13/09/2021, PATNA.

(MOU with Green India Mission Foundation, Patna)