

4. GREEN CAMPUS INITIATIVES

- ❖ The college is dedicated to implement, maintain and improve environmental management processes in the campus in order to reduce its carbon and environmental footprint. Consciousness about ecological balance and impact of its disorder on sustainability is deep rooted in the ethical framework of the institution.

1. The college is committed to improvement of the natural environment by pollution prevention and control, ecofriendly disposal of waste (specifically electronic waste) and green initiatives for sustainability and survival. Any biodegradable, recyclable initiative has to be encouraged giving utmost priority.
2. As per the directives of the central and state government in environment related matters, all policies, procedures defined by the government has to be scrupulously followed.
3. Wherever possible, use of toxic, hazardous and environmentally unfriendly substances is to be avoided or reduced to minimal whereas use of sustainable resources is to be maximized.
4. The biodiversity of the campus has to be protected and improved by all available means.
5. Development and implementation of sustainability related research and teaching initiatives should involve practicality.
6. The college is committed to maintain a very strict and ecofriendly waste management mechanism and abide by the principle of green protocol.
7. The college acknowledges its responsibilities and obligations to contribute its share in the resolution of local and global environmental issues by minimizing its environmental impact.
8. The college subscribes to Reduce, Reuse and Recycle initiatives and encourages all its stake holders to reduce individual waste generation as an ethical commitment.

9. All institutional activities have to revolve around the principles of plastic reduction and lesser waste generation.
10. The waste management measures introduced by government departments and scientific agencies are to be implemented in the campus wherever plausible.
11. Efforts to be continually made to ensure that all the college stake holders are aware of the college waste management strategy policy.
12. Wherever possible, waste items to be identified for reuse either internally or in association with third parties.
13. Programs which nurture the environment quality and biodiversity protection throughout the region are encouraged to be introduced. Environment Sustainability, Waste Management and Green Initiatives POLICY DOCUMENTS.
14. Targets of achieving environmental performances to be set in the areas of green initiatives.
15. Efforts to be continually made to make the campus plastic free to a maximum extent. Use of alternative items instead of plastic to be promoted and make the institution abide by the principle of green protocol.
16. Steps to be taken for harnessing of solar energy to its maximum by installation of solar energy panel as an alternative source of energy, in the open areas of campus.
17. Minimal use of paper to be practiced by using electronic platforms for academic and administrative purposes.
18. Composting, bio-manure and other onsite treatment options to be implemented in the campus wherever possible. Construction of compost pit so as to utilize the dry waste generated due to fallen leaves, etc. and vermicomposting to avoid use of chemical fertilizers.
19. Rainwater harvesting plant to be installed for collection and use of rainwater in an efficient manner.
20. To design and implement horticulture and medicinal plant gardens to add to the college green cover. Plantation of plants that release higher amount of oxygen in the atmosphere thereby helping in air purification.

21. No Vehicle Day to be practiced at least once a month to reduce air pollution.
 22. Implement energy efficiency by way of decreasing greenhouse gases emission and carrying out of low carbon activities/method in the campus.
 23. To identify and replace equipment/gadgets such as printers, scanners, etc. which are old, outdated and are heavy power consuming.
 24. Replace incandescent bulbs and tube lights and replace them with energy efficient light bulbs and tubes which consume very less electrical power thereby helping in keeping energy efficient campus.
- Continuously track and monitor energy usage in the campus by conduction of energy audit and implement ways to increase energy efficiency wherever possible.



Tree Plantation by Students



Tree Plantation by Students



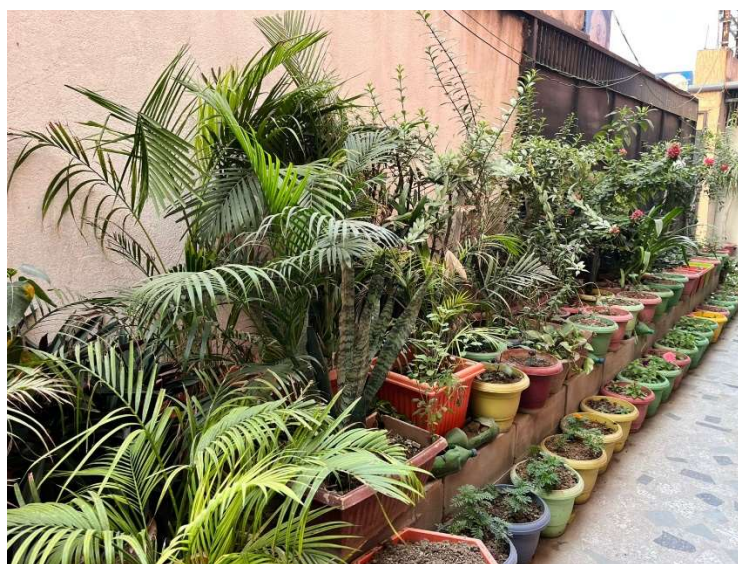
Tree Plantation by Students



Tree Plantation by Students



(Green Garden)



(Green Garden)



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)

Catalyst College, Patna Principal CATALYST COLLEGE Plot No. 16, 10 & 11 Patliputra Industrial Area Patna - 800130 Principal (Seal & Sign)	Green India Mission Foundation, Patna General Secretary Green India Mission Foundation (Seal & Sign) Office No. 62A, Ground floor, Dargah Ghera, Patna – 800006
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Date & Place: 12/09/2021, PATNA.

(MOU with Green India Mission Foundation, Patna)

CATALYST COLLEGE
PATLIPUTRA INDUSTRIAL AREA, PATNA



(Green, Energy and Environment Audit Certificate 2020-21)



(Green, Energy and Environment Audit Certificate 2021-22)

CATALYST COLLEGE
PATLIPUTRA INDUSTRIAL AREA, PATNA



(Green, Energy and Environment Audit Certificate 2022-23)


IQAC, Co-ordinator
CATALYST COLLEGE
Plot No.-C-16(P) Patliputra Industrial Area
Patliputra, Patna - 13


Principal
CATALYST COLLEGE
Plot No.- C-16(P) Patliputra Industrial Area
Patliputra, Patna-13