

Ref No.

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SHILLONG COLLEGE GREEN POLICY

ABOUT SHILLONG COLLEGE:

Shillong College, Shillong, an 'A' Grade Institution in the North East was founded on the 15th of August, 1956. Prof. (Late) Sudhindra Chandra Datta, a renowned Professor of Mathematics in St. Anthony's College, Shillong was the Founder Principal of the college.

Starting from very humble origins in 1956, with 35 students on its rolls, the College has grown into a multi-faceted, multi-disciplinary institution. Today it has two sprawling campuses dedicated entirely to teaching -learning. First affiliated to Gauhati University (GU) and then to North-Eastern Hill University (NEHU), the pre-eminence of the college in the field Higher Education in North-East India is well established by its present student strength and long list of achievers. With staff strength of over 165 (Teaching and support staff) 22 options for Honours, and two PG Courses, the college caters to around 3000 students. With students from different ethnic communities and international students on its rolls, it is a microcosm of the North-East and a vibrantly alive experiment of national integration at its best.

The college continues to nurse, nurture, teach and train rural youth in one of its avowed missions. The institution ensures equal access to quality education embracing all sections within an equitable and inclusive classroom environment taking into account students' diverse backgrounds and different academic abilities, thereby making them active participants in the learning process.

MOTTO OF THE COLLEGE:

VIDYA VIDYANTE AMRITAM (KNOWLEDGE IS IMMORTAL)

GREEN POLICY OF SHILLONG COLLEGE:

Green Policy of Shillong College campus has been formulated for maintenance of eco-system of the campus and conservation of nature and natural resources by utilizing skills and knowledge for developing several unique Eco-friendly solutions. A Green Campus Development Committee (GCDC) has also been constituted to look into matters relating to nature centric activities and practices. Our Green Policy also includes monitoring, directing and inspecting human activities, taking different actions to prevent harmful effects on the biophysical environment and natural resources ensuring no harmful effects on humans. At present, there are five major areas for monitoring, namely, Energy Management, Solid Waste Management, Wastewater Management, Environmental Air Quality Assessment and Conservation of natural flora and fauna of the Area.

POLICY ON WATER CONSERVATION:

- **Rainwater Harvesting:** The College shall prioritize surface water storage and re-use over ground water recharge. It will ensure Ground water recharge through underground water recharge pit. It shall continue to monitor and maintain all rainwater harvesting faculties that have been set up in the Shillong college main campus, girl's hostel and Mawkasiang campus.
- **Water Usage:** The Green Campus Development Committee of the college is cautious that there is no unnecessary or wasteful use of this water. Awareness through posters and other means shall be an ongoing process to educate the fraternity on wise water usage.

POLICY ON WASTE MANAGEMENT:

- **Awareness:** Posters on waste segregation were designed by GCDC and placed at the main entrance to make students and faculty members aware of waste segregation. Awareness programmes on waste management have been conducted and will continue to be organized in the future.
- **Waste Segregation:** The College has made provisions for segregation of waste at the source by providing separate bins for biodegradable and non-biodegradable waste. These wastes are then taken by the municipal waste collection unit twice or thrice a week as and when needed. The College shall continue to better improve waste segregation before disposal.
- **Composting:** Composting of waste is essential for waste reduction and recycling of biodegradable waste. A compost pit for managing biodegradable waste from the hostel was constructed and future plans are in place to develop different types of composting techniques.
- **Plastic Ban:** The college management has put a ban on low grade plastic (less than 50 microns) and this ban shall continue to be enforced until further notice
- **E- waste management:** Regarding E-waste management, the college in the year 2019 assigned a staff to look after the e-wastes generated by the college. The assigned staff has to collect all the unused or non-functioning electronic items from the laboratories, college office, classrooms, etc. and store them properly. The College continues to take the threat of electronic waste seriously and will look towards collaborating with licensed E-waste collectors/recyclers for proper handling of E waste.

- **Liquid waste management:** Point sources of waste water in the college campus have been identified. Some of these have been equipped with waste water treatment units. The Green Campus Development Committee with the help of the management have laid out the ground work to establish more water treatment units at those point sources which do not have one. Each liquid waste management unit is a three-stage system. In the first stage large debris are filtered out. In the second the waste water is allowed to stand which results in sedimentation of waste and a third stage sedimentation unit enables further sedimentation and treatment if required.

POLICY ON ENERGY USE:

- **LED lighting:** The College is dedicated to an ongoing process of replacing all lighting fixtures with Led lighting to contribute towards energy consecration.
- **Awareness:** Posters on energy conservation have been placed at strategic points within the college to remind people to switch off the lights when not in use. The college shall continue to conduct awareness on a regular basis on efficient energy usage.
- **Solar Energy:** The college has already installed a significant number of solar panels and solar streetlights in the main and mawakasiang campus. The college will strife to further expand the use of solar power whenever the opportunity rises
- **Mini Hydro project:** A mini hydro power generation unit has been installed at the Mawkasiang campus. The college shall continue to improve and maintain this comparatively clean source of energy.
- **Energy Audit:** The College shall continue to evaluate its energy sector by regularly conducting energy audits with the help of a licensed authority. This will help to identify problem areas and develop solutions.

POLICY ON ECO FRIENDLY/ GREEN PRACTICES:

- **Improving Greenery and Biodiversity in the Campus:** The College has taken initiatives to develop green zones within the campus. The Green Campus Development Committee assist the management in beautifying and greening the campus by planting flowers, creepers and ornamental shrubs within the college. The committee made procurement of seedlings of flowers and shrubs and conduct regular plantation and inspection of the plants planted.
- **Herbarium Repository:** A Herbarium of all the existing plants and an e-Herbarium are being created as a repository of the existing plant species to ensure their maintenance and preservation.

SHILLONG



COLLEGE



Assessed and Re-Accredited in 2016 by NAAC as "A" Grade with CGPA: 3.06/4

- **Green Audit:** The College has conducted a self-evaluation study (air and water quality) in order to improve its contribution towards environmental conservation. This was carried out by involving The Meghalaya State Pollution Control Board for a Green Audit. This practice shall be carried from time to time to assess the environmental impacts of the Institution.
- **Transportation:** The College highly encourages its students and faculty community to use public transport, carpooling, bicycles and walking to commute to and from the college.

Dr. (Mrs.) E. Kharkongor

Principal

Shillong College

Principal
Shillong College
Shillong- 3