

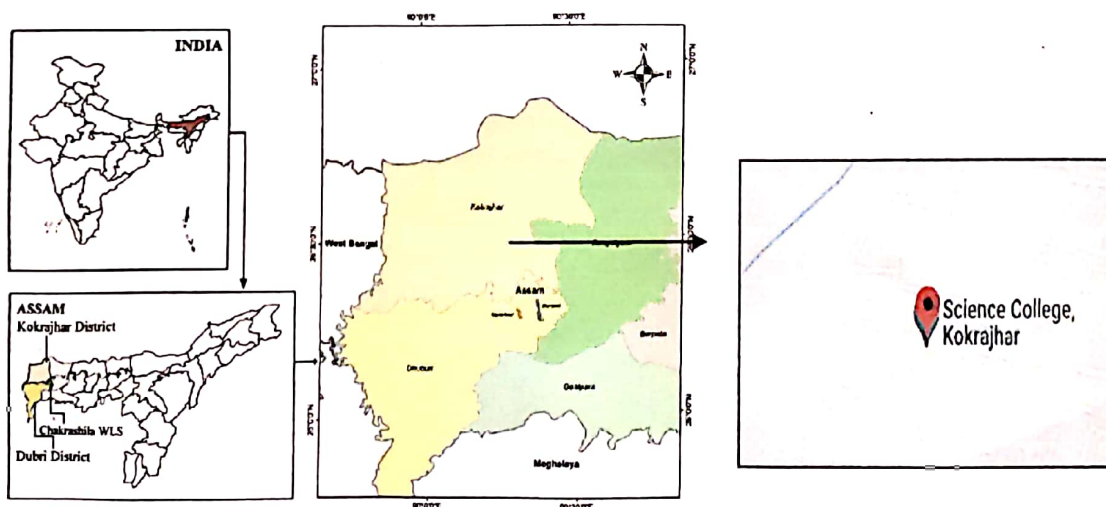


Green Audit Report (2016-22) of Science College, Kokrajhar, BTR, Assam, India, P. O. & Dist: Kokrajhar, PIN-783370

A brief on Science College, Kokrajhar

The Science College, Kokrajhar was established in 1995 with a vision to become a centre of excellence in science education. The institute offers B. Sc and M. Sc. programme (Affiliated to Bodoland University) to generate high quality graduate by providing optimum laboratory facilities both in the field of Basic and Applied branches of science. This single stream degree college provides major course in Botany, Zoology, Chemistry, Mathematics, Computer Science and Physics along with core subjects like Information Technology (IT), English and Physiotherapy. The institute also introduced M. Sc programme in Botany and Zoology under Bodoland University which is remarkable advancement of this higher education institution. The college is also offering 10+2 course in science. This higher educational institute has gained importance not only in the lower Assam region but also in neighboring country- Nepal and Bhutan particularly for science learning.

The Kokrajhar Science College (**Photo plate**) is located in the western part of Kokrajhar town approximately 500 meter away. The campus covers an area of 4.5 Acres and it is situated in the eastern part of the Gaurang River in between 26°24' N latitude and 90°15' E longitude, at an average elevation of 30–45.5 meters above mean sea level. The campus is bounded by human settlement urban villages in the East and South, Dotma-Kokrajhar road in the West and Paddy field with human settlement in the North. The area is characterized by almost plain topography with sparse vegetation. The average temperature ranges from minimum 15°C to maximum 35°C throughout the year. The average humidity remains almost the same with variation from 62% in winter to 87% in post-monsoon period. The average annual rainfall of the district is 3102.4 mm with 110 annual average rainy days. The maximum rainfall occurs during the period from April to August.



Data related to Green Audit, Science College, Kokrajhar from 2016 to 2022 Year

1. Total campus area : 2, 19, 384 sq. ft.
2. Built up area of the building : 41, 692 sq. ft.
3. Open space area : 1, 77, 692 sq. ft.
 - a. Administrative building : 4, 624 sq. ft.
 - b. Class room building : 16, 694 sq. ft.
 - c. Laboratory : 7, 340 sq. ft.
4. Total student studied per year: 850 No.
5. Water consumption per day : 53000 liter (48000 liter/domestic + 5000 liter/laboratory)
 - a. Domestic purpose : 209.60 liter/student perday
 - b. Laboratory purpose : 12.50 liter/student per day

(Appropriate measure has taken to reduce excess use of ground water as well as potable water by creating awareness among the students and workers besides repairing water pipes).

6. Record on electricity consumption has been collected and presented below-
 - a. Per Year- 30,195.000 unit/KWh
 - b. Per Month – 2,516.25 unit/KWh
 - c. Per Day- 84.817 unit/KWh

(Appropriate measure has taken to reduce current use by creating awareness and using solar power in day time)

7. Solid waste that releases in the campus has been managing by use of waste disposal shed as shown in plate. Initiative has taken to develop a vermi-compost unit. Both outdoor and indoor waste released in the college was measured separately and average quantity of waste per day is presented below-
 - a. Indoor waste (average)/per day : 1979.02g
 - b. Outdoor waste (average)/per day: 2993.50g
8. Electronic waste (E-waste) management: Initiative has taken to develop a storage room.
9. Plantation programme is organized yearly two days (See photo plate):
 - a). World Environment Day (WED) and b). College Establishment Day (CED).
10. Environment awareness programmes were conducted time to time as shown in plate.
11. Measure has taken to ensure continuous flow of water as the same is deposited in the campus during rainy season through the outlet drains, targeting to develop pollution free and drugs free eco-friendly campus.
12. Initiative has taken to develop car shed, motor bike and bicycle stand in front of the college.

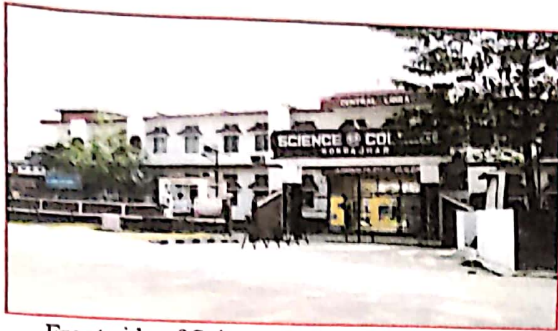
(Signature & Seal of Green Auditor)

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Report prepared by-
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Plate: Showing activities related to Green Audit (2016-22), Science College, Kokrajhar



Front side of Science College, Kokrajhar



Managing Solid Waste through WDS



Planted an aquatic plant in the pond



Seedlings were distributed on WED



Prepared by NSS volunteers for activity



Workshop organized on WED



Planted krishnasura seedling



Young krishnasura



Flowering krishnasura tree