DCT's
Dhempe College of Arts and Science
Miramar, Goa

PROMOTING SUSTAINABILITY THROUGH FURNITTURE UPCYCLING

<u>Report on upcycling of old furniture</u>

Recycling old furniture saves the need for raw materials for making new furniture. Upcycling it adds value to the entity and is beneficial for the institution as well as ecology. Subsequently, it helps to reduce carbon footprint andcontributes towards the mitigation of global warming.

Considering the above-mentioned benefits, the Principal of DCT's Dhempe College of Arts and Science undertook an initiative to re-use the old furniture of the College to make new furniture. Since the institution is one of the oldest institutions of higher learning established immediately Goa's liberation, there was old and worn furniture. The same was originally crafted from high-quality Burma teakwood. Therefore, instead of wasting this resource, services were deployed to refurbish and upcycle it.

The following items were made in this process of upcycling:

(i)   Benches with desks.

(ii)   Centre Tables for classrooms.

(iii)   Tables in Laboratories.

(iv)   Showcase for institutional trophies.

(v)   Wall-mounted shelves in science laboratories for storage.

(vi)   Teapoy with glass top.

The cost of replacing the above furniture without the process of upcycling had been estimated at **₹60,00,000/-**. The initiative, therefore, helped in managing economic and ecological resources judiciously thereby mitigating unnecessary wastage.

Upcycled Furniture in the institutional campus

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