

7.3. Institutional Distinctiveness

7.3.1. Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words.

Towards the Greener and Eco-friendly Campus

Being established in 1984, the college maintains its distinctiveness through various activities. The College is deeply concerned about the conservation of ecology and the environment. Environment has become a global concern in these days. Carbon emission is a lethal global threat. Global warming leads to an abrupt Climate change. We have been profoundly affected by the abrupt and destructive hailstorms due to volatile weather conditions. Consequently, there is a drastic change on the monsoon pattern. The agrarian distress has been increased due to the climate change. Melting of glaciers is fatally causing the rise of the sea level. Sea level rise is deadly threat to the coastal and island countries. Thus, the College has initiated several activities to save the environment and climate. The campus is enriched with floral diversity. Total trees are 2070. Around 120 plant species exist on the campus. The college has 3.83 acre land. Almost 63% of the campus area is covered with varied trees which consist of Medicinal, Ornamental, Deciduous, and Evergreen plants. It is concealed in the green canopy. Every year, we undertake Tree Plantation drive. Drip Irrigation System is installed to supply water to the plants. It also minimizes the evaporation of the water. The Campus Development Committee takes care of all trees. For Rain Water Harvesting, a water-well is dug, the water from the duct is supplied into the well. The water from the roof is stored in the harvesting well. The water is carried through underground pipeline to the water passing tank. Thus, it increases the percolation capacity and hence strengthens the ground water level capacity. Same water is utilized for the trees. Vermi-compost plant is set and the trees are organically fertilized. The shaded leaves of the trees are dumped in the plant and the same organic fertilizer is provided to the trees. Despite being arid and rocky type of soil, the college campus is largely covered with dense trees and plants. It conserves the environment. The College has installed Solar Energy Plant (15.3 KWH) which conserves the conventional energy resources and hence saves the cost/expenditure. It is clean, renewable and non-polluted form of energy. Green audit is made from time to time. The survey of the trees is undertaken. The external agency was invited. Botanical nomenclatures were carried out. Polythin bags are banned on the campus. CFL Bulbs and LED lights and are installed. 10 % of electricity of the total power requirement is fulfilled thereby. Hence, the energy is conserved. E-waste such as old and used Computers, Keyboards, Mice, and Printers etc., is collected and handed over to MVP's KBT College of Engineering, Nashik for recycling. Some parts of the waste are isolated, repaired and reused. Through the systematic recycling, useless items are disposed off, to ensure clean, safe, sound and healthy environment. As far as Liquid Waste Management is concerned, the college has soak pits for liquid wastes such as chemicals from labs the contaminated water is channelized in the pits. For Solid Waste Management, various bins are kept on the campus. The paper scrap is handed over to an external agency. A separate scrap room is allocated. Oxygen Park is maintained. The track is constructed. Trees are planted on both sides of the track. It maximizes Oxygen and minimizes carbon. A Botanical - Cactus garden is developed on the campus. The college campus land is covered with rich Greenery. In spite of the barren land, adverse weather conditions, scanty rainfall and scarcity if water, the College has been consistently contributing in the conservation of ecology and environment.