



### 7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust

#### **Sustainable Landscaping with Green Environment Campus:**

Designing, creating, and maintaining landscaping with a focus on energy and cost savings is termed as "Green Landscaping. "Sustainable landscapes create healthy recreational areas while lowering pollution levels in the air, soil, and water. Pollution free environment creates healthy atmosphere among all with fresh minds and activeness. A planned landscaping with green environment is also beneficial in effective utilization of land area.

#### **Location of the Institute**

The campus is spread over a total of 25 acres of land area, located at the foothills of Himalayas and a home of a large number of students coming from different states of India and nearby countries. Institute's campus is beautiful, greenish, picturesque and having conducive and pollution free environment for the studies. The Institute is at a distance of approx.23km from ISBT & Railway Station, Dehradun.

#### **The description of infrastructure is presented as under:**

##### **Environmentally friendly infrastructure includes:**

- Lush green campus with wide variety of trees and other small plants.
- Large variety of flowering and ornamental plants arranged in well planned way, multiplies the beauty of appearance.
- All the trees have been identified and labeled with QR coding that provides complete information of the plant in all respect.
- Environmental study is a qualifying subject as a part of curriculum for all the undergraduate courses as per the direction of affiliating university keeping in view the environmental consciousness among students.
- All the infrastructure is surrounded by the trees and proper clean metallic roads with well connectivity to minimize the lag time

#### **Planned Architecture with landscaping**

The Institute is developed based on proper planning and architecture keeping in mind the sustainable landscaping with proper utilization of land area. Allinfrastructures are constructed based on scope of future expansion. Safety and security are also one of the important aspects of infrastructure architect. The institute is surrounded by big boundary walls from all the sides with proper fencing of which provide safe and secure environment for the students, teachers and all people of the institute.



### **Main Building & Departments**

The main building named Main Block –A is well-constructed in four floors with almost a square appearance in about 3 acres of land area. The central area of the building acts as an open theater like with steps and a stage to organize various functions and events in the institute. The top of this open square area has been covered with polymer sheets fitted in steel frame to avoid rain and dust. There are continuous lanes of trees on the sides of the paths both pedestrian and the metallic paths. This entry of the main block leads to a well aerated and lighted reception area provided with all facilities of sitting and urgent services. The main block has all its administrative set up comprising of Chairman's, Director's, Registrar's offices as well as accounts office, main office, counseling rooms, Library section, Laboratories, HOD's offices, department wise class rooms etc. All the amenities and facilities are well furnished with clean environment. All classrooms and laboratories in institute are fitted with sufficient number of transparent glass panes well ventilated, lighted with sun light and spacious.

### **Infrastructure: Canteen & Mess**

The canteen of the institute has a big hall provided with sufficient furniture comprised of good number of chairs and tables. The hall is fully airy and well lighted with all its window panes having transparent glasses. The mess, situated in the mid of hostels is well-ventilated and lighted with good sitting arrangement for boys and girls separately. It prepares all eatables for breakfast, lunch and dinner including evening refreshments in clean environment by well dressed chefs.

### **Infrastructure: Hostels for Boys and Girls**

The institute provides the facility of stay within the campus for both boys and girls. There are three separate boys' hostels and one girls' hostel situated separately at some distant places in the back yard of the campus. In each hostel fresh hot water supply by solar water heaters is available as an indicative of the energy conservation. Also, in each hostel and mess RO is installed for drinking water purpose.

### **Infrastructure: Staff Residences/ Quarters**

There are two blocks of buildings as staff residencies/quarters for the regular staff of the Institute with a total of 12 quarters, 6 in each block with 2 BHK dimensions. Rent free accommodation is provided to staff. The separate power back up is through a high power Gen-set available for the hostels and the staff quarters.

### **Infrastructure: health and hygiene**

- Institute provides clean and hygienic basic amenities to staff and the students.
- RO water supply system supplemented with water cooler is installed at every floor in the institute to provide pure and bacteria free drinking water.



- Big spacious and ventilated toilets are provided at every floor of the square building.
- The girls' common room is provided with vending machine and a bed to be used by any ailing girl student in case of emergency.

### **Appreciation by VMSB Uttarakhand Technical University, Dehradun**

The Institute has been appreciated by VMSB Uttarakhand Technical University with 3<sup>rd</sup> Rank amongst all institutions affiliated to this university in the session 2022-23. This Certificate of Appreciation is presented as **UTU Star for Sustainable Development** for its contribution to realizing Sustainable Development Goals prescribed by the United Nations. It has been awarded to recognize the extension activities conducted by the YRC (Youth Red Cross) Unit of the institution on social issues, health issues and child welfare issues etc to be spread by YRC of the institute as outreach activity.

### **Infrastructure related to Sports and games: Physical development among students**

The institute has a big land area meant for various games and sports in its campus like football, cricket, basketball, badminton, volleyball and kabaddi grounds are well maintained by the sports committee. A big spacious gymnasium hall equipped with all modern equipments is in place in the institute. Indoor games like Table tennis, Carom, Chess etc. are also available for students.