

BEARYS INSTITUTE OF TECHNOLOGY

Approved by AICTE New Delhi, Recognized by Govt. of Karnataka.
Affiliated to Visveswaraya Technological University Belagavi, Karnataka.
Lands End, Innoli, Boliyar Village, Post Pavoor, Near Mangalore University,
Mangalore-574199, T: +91 824 2235000/2235100/2235200, F: +91 824 2235775
E-mail: principal@bitmangalore.edu.in, Website: www.bitmangalore.edu.in



Bearys
Institute
of Technology
MANGALORE

Ref. BIT/Admn/NAAC/ 123/2022-23

Date 25/01/2023

Endorsement

This is to certify that Photographs of Energy saving measures & Water conservation measures, Waste management, Clean and Green campus initiatives and Disabled friendly environment have been attached herewith.


Principal

Manjur Basha Sheik Ibrahim
Digitally signed by Manjur Basha Sheik Ibrahim
Date: 2023.06.08 12:02:39 +05'30'



7.1.2 a Alternate Sources of energy and energy conservation measures

Beary's Institute of Technology Campus is installed with sufficient Daylight and Motion sensors in the Common areas to reduce energy consumption. Further, Staff quarters are provided with Solar panels for heating purpose.

1. Energy Saving Sensors

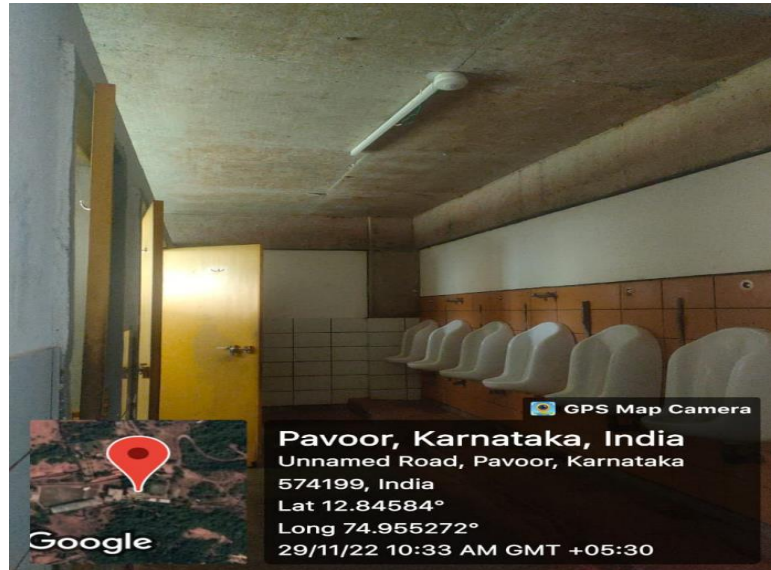


Fig. 1 Energy saving Light sensors in Washroom



Fig. 2 Energy saving Light sensors in Washroom



2. Led Bulbs and Tube Lights



Fig. 3 LED lights in Passage

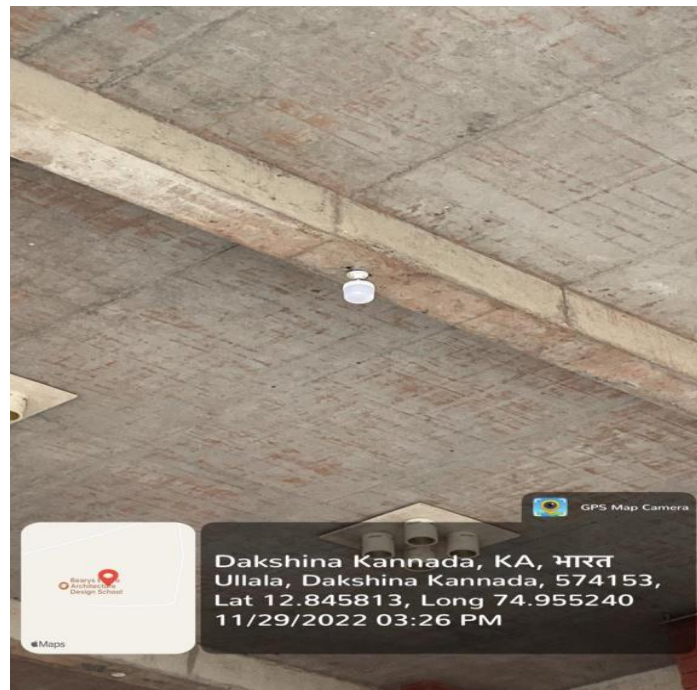


Fig. 4 LED bulbs in Passage



BEARYS INSTITUTE OF TECHNOLOGY
(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belagavi)
Near Mangalore University, Lands End, Innoli
Mangaluru, Karnataka-574199

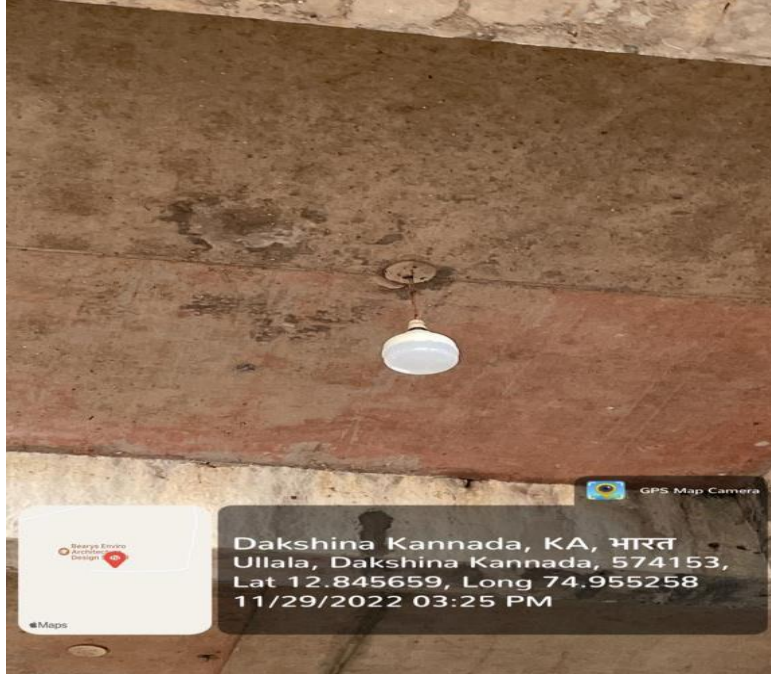


Fig. 5 LED bulbs in Passage



Fig. 6 LED bulbs in Passage



3. Solar Panels



Fig. 7 Solar panels in Staff Quarters



Fig. 8 Solar panels in Staff Quarters



7.1.2 b Management of Wastes

Waste bins are placed at several locations in the Campus. Waste is segregated & stored separately as Plastic, Glass, Food waste, E-waste Etc

1. Dustbins placed in the Campus



Fig. 1 Dustbins in the Campus

2. Centralized Waste Collection Units



Fig. 2 Centralized Dustbins in the Campus

7.1.2 c Water conservation Measures

1. Recharge Borewells connected to the aquifer

5 recharge pits are provided in the arena which extends to a depth of 10 Feet. With the introduction of these pits, water consumption is greatly reduced.

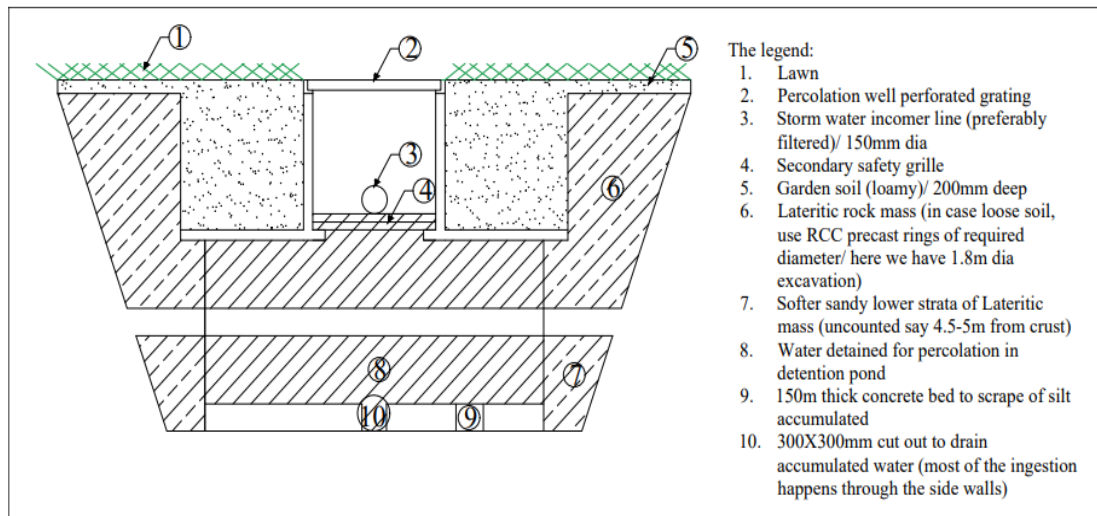


Fig. 1 Detailed C/S of the Well provided for Ground water recharge



Fig. 2 Recharge well at Location One near Car Parking area



BEARYS INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belagavi)
Near Mangalore University, Lands End, Innoli
Mangaluru, Karnataka-574199



Fig. 3 Recharge well No.2 in the Arena



Fig. 4 Recharge well No.3 in the Arena



Fig. 5 Recharge well No.4 in the Arena



Fig. 6 Recharge well No.5 in the Arena

2. Rain water Harvesting

A rain water collection unit is provided at the Staff Quarters area to collect the flowing water during the Monsoons



Fig. 7 Slope provided towards the sump



Fig. 8 The sump where water is collected during rainy season

3. Sub-Soil Irrigation System

Manjur
Basha Sheik
Ibrahim

Digitally signed by
Manjur Basha Sheik
Ibrahim
Date: 2023.06.08
12:05:46 +05'30'

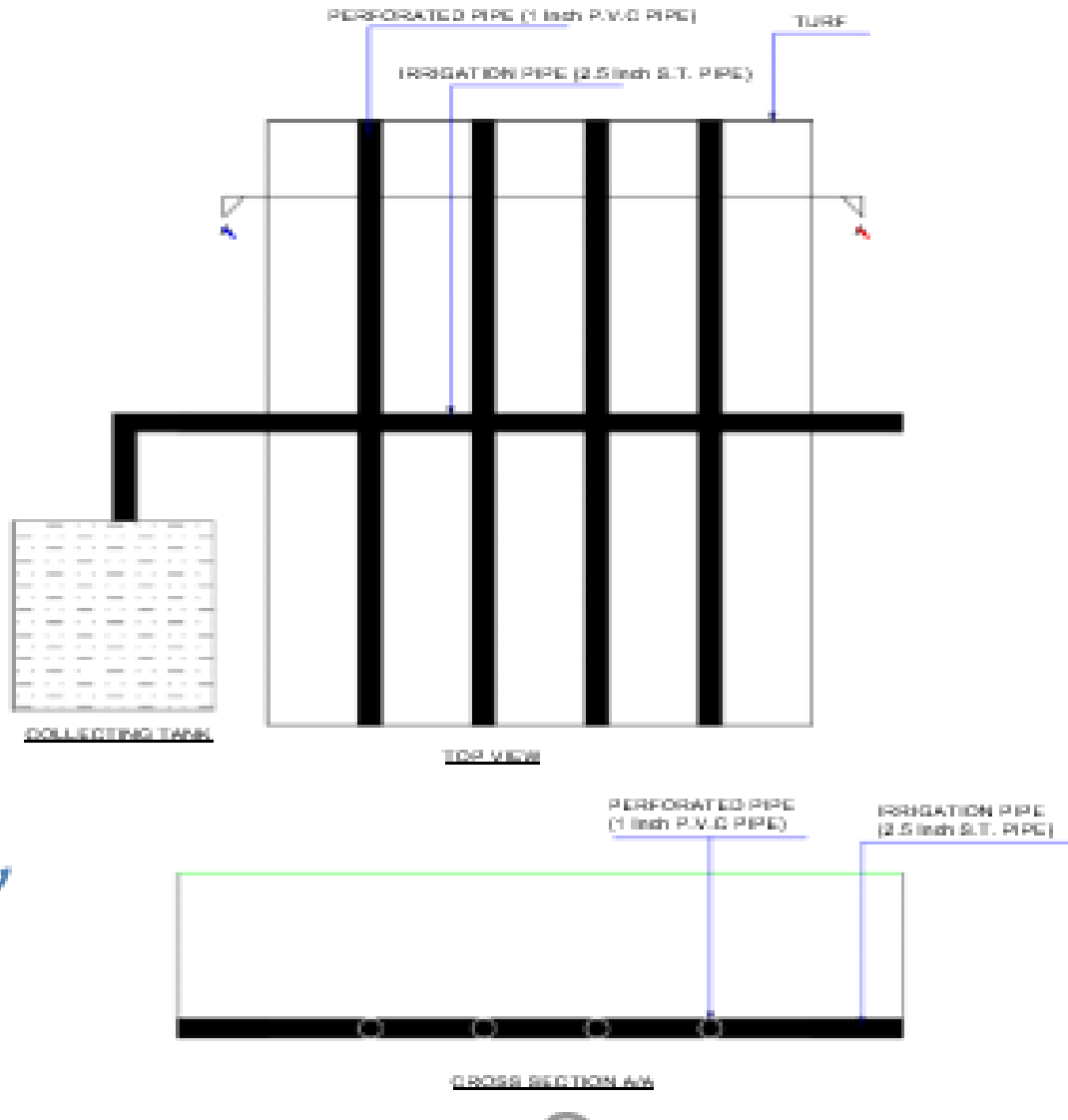


Delivering Excellence
Consistently

Bearys
Institute
of Technology
MANGALORE

BEARYS INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belagavi)
Near Mangalore University, Lands End, Innoli
Mangaluru, Karnataka-574199



Manjur Basha
Sheik Ibrahim

Digitally signed by
Manjur Basha Sheik
Ibrahim
Date: 2023.06.08
12:06:08 +05'30'



7.1.2 d Green Campus Initiatives

1. Planting of saplings since the Inception of the Institution

Several initiatives of planting saplings since the Inception of the college have resulted in a large variety of flora and fauna in the College. A variety of trees and plants are present in the campus.

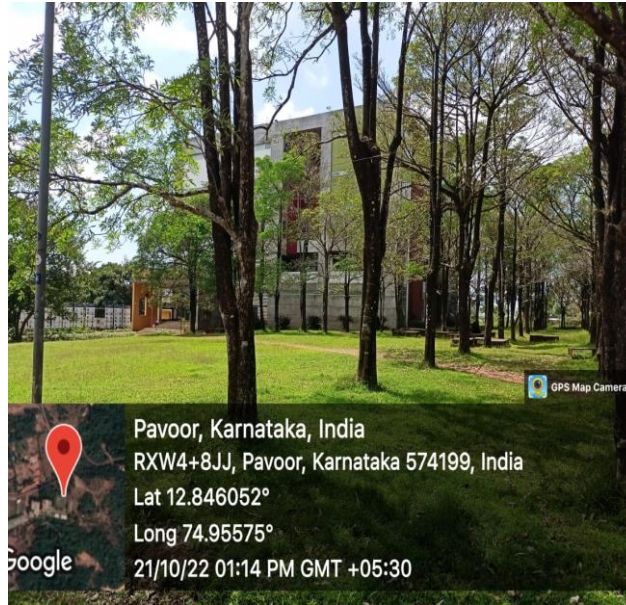


Fig. 1 Landscape with trees



Fig. 2 Landscape with rows of trees



Bearys
Institute
of Technology
MANGALORE

BEARYS INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belagavi)
Near Mangalore University, Lands End, Innoli
Mangaluru, Karnataka-574199

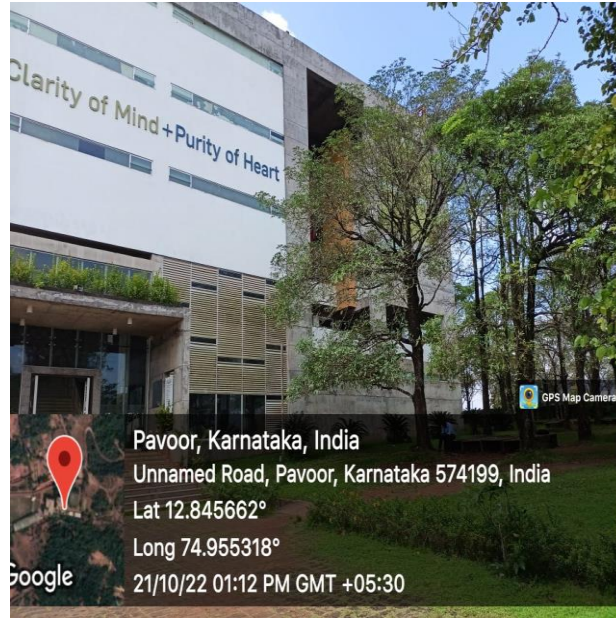


Fig. 3 Front view of the College with trees

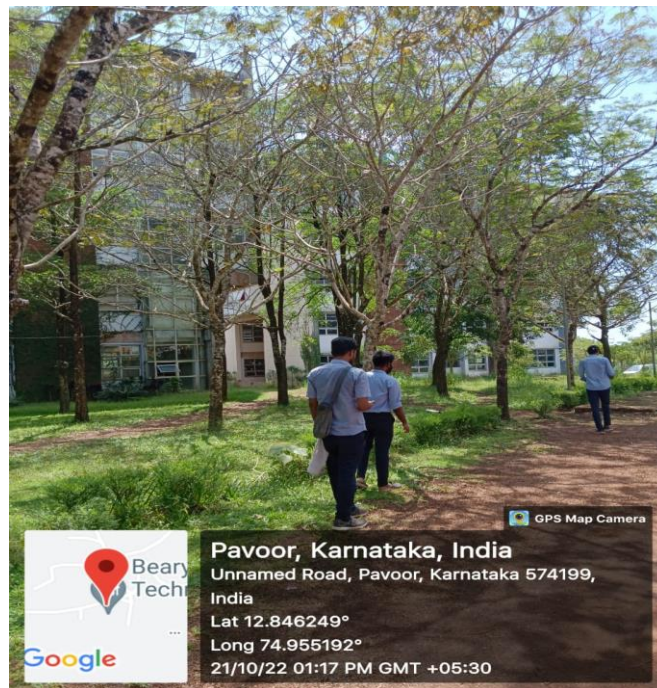


Fig. 4 Trees on the side of pedestrian pathway

Manjur
Basha Sheik
Ibrahim

Digitally signed
by Manjur Basha
Sheik Ibrahim
Date: 2023.06.08
12:06:45 +05'30'



2. Planting of Sapling during Green Building Week



Fig. 5 Planting of saplings on Sep 23 (2022-23)



Fig. 6 Planting of saplings on Sep 23 (2022-23)



Fig. 7 Planting of saplings on Sep 25 (2021-22)



Fig. 8 Chairman of BIT Mr. Syed Beary guiding children from neighbouring schools in planting saplings, Sep 25 (2021-22)



7.1.2 e Disabled Friendly Environment

1. Built environment with ramps/lifts for easy access to classrooms

The buildings of the main campus have been made disabled friendly by providing ramps at crucial spots



Fig.1 Ramp near the Entrance

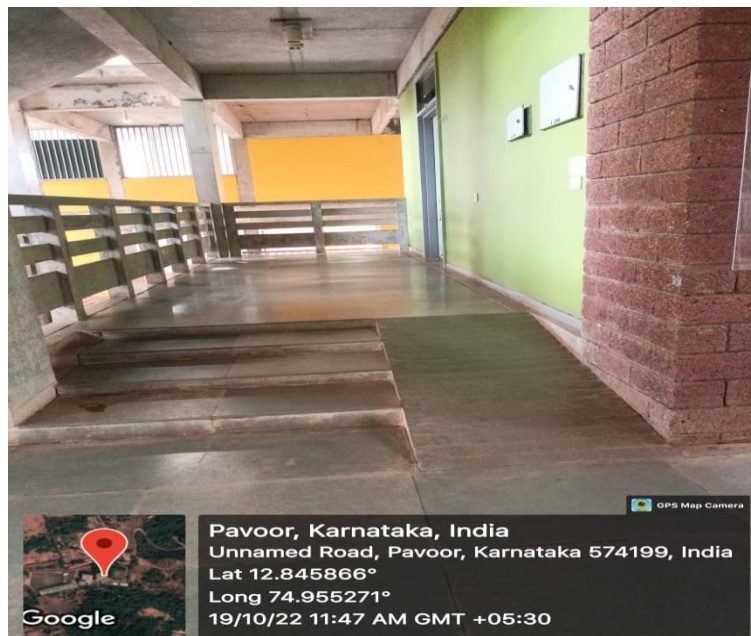


Fig. 2 Ramp to the Seminar Hall



BEARYS INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belagavi)
Near Mangalore University, Lands End, Innoli
Mangaluru, Karnataka-574199

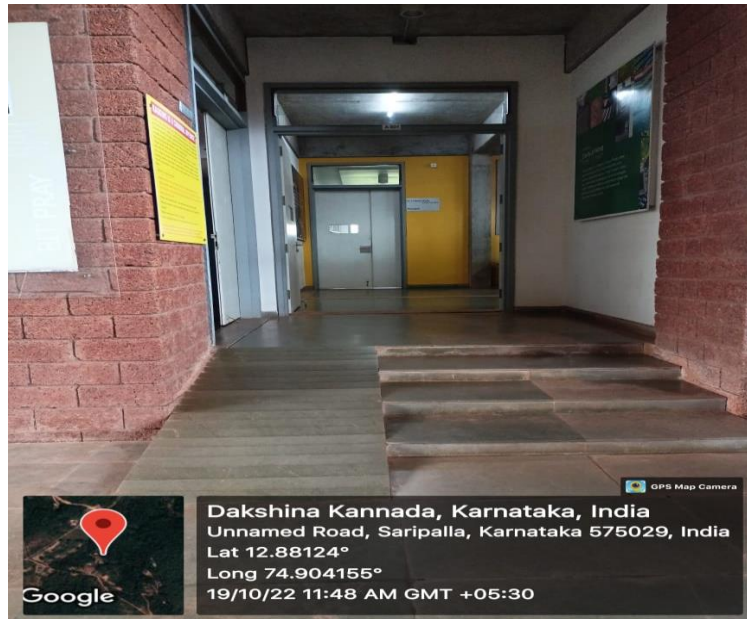
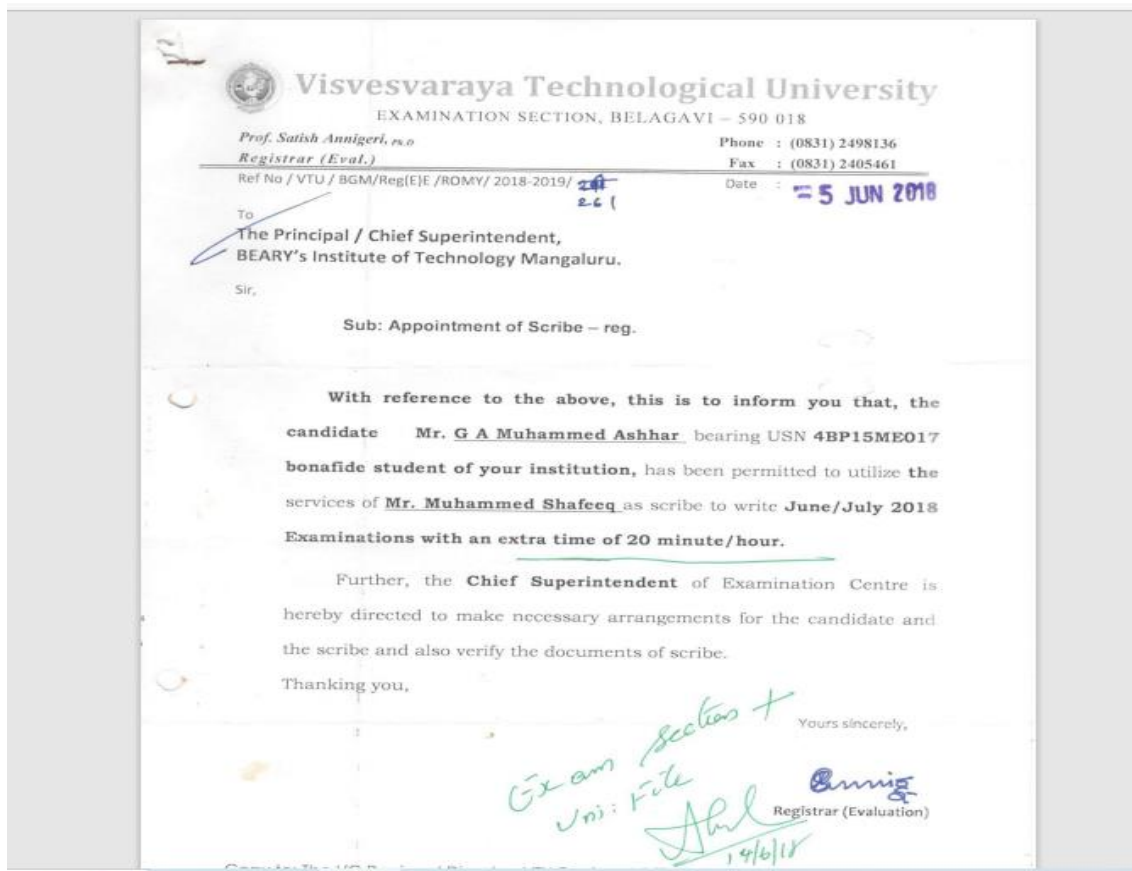


Fig. 3 Ramp to the Principal's Office

2. Provision of Scribe





3. Wheel chair and Ramps with hand rail

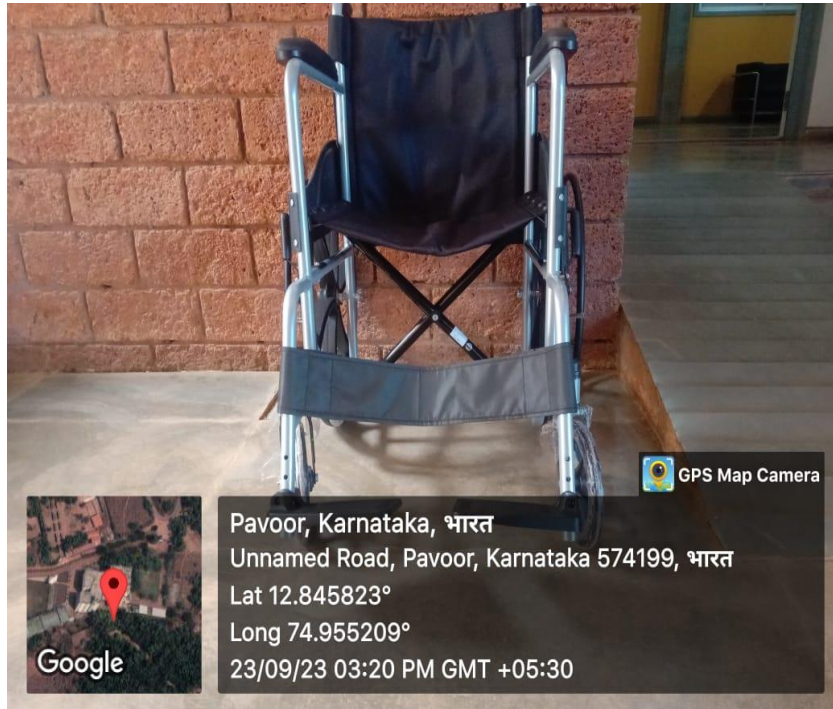


Fig. 4 Wheel chair for the differently abled



Fig. 5 Ramps with hand rail