

Bapuji Educational Association (Regd)
Bapuji Institute of Engineering & Technology,
Davangere.
Computer Science and Engg. Department.

A Report on

Green Campus Initiative

Faculty Coordinator

Gangadharappa S

Assistant Professor

Program Coordinator

Dr. Nirmala C R

Professor and Head

Student Coordinators:

1. Sheetal P (4BD17CS100)
2. Narendra B O (4BD19CS403)
3. Sindhu R Pawar (4BD19CS095)

1. Green Practice:

- To create awareness regarding environmental policy amongst the students.
- To Use Solar Energy on College Campus by installing Solar Lamps and Solar water Heaters in Girls and Boys hostels.
- To sensitize the students and staff regarding the use of drinking water properly for which, we have provided purified (RO purifying system) drinking water facilities on the campus.
- To bring in use the 'Rain Water Harvesting' on the campus.
- To use the solid waste through vermin-compost on the campus and use it as a fertilizer.
- To reduce the 'sound pollution in the campus, we have built the seating arrangements in the shade of trees in our campus.
- To use 'Use me' Dry and Wet dust bins in the college campus so as to keep college campus clean and tidy.
- Tree plantations.
- Students are advised frequently to turn off Systems, lights and Fans when they are unused.
- Students are encouraged to select the projects on waste management.

2. Projects:

Following are the few list of projects assigned to students to reach our green campus initiative goals.

1. Plant and Disease Identification System with Pesticide Recommendation(2019-2020)

USN	Student Name	Guides
4BD16CS108	Swapnapriya C S	Prof. Pradeep N Prof. Anu C S
4BD16CS121	Yamuna C S	
4BD17CS402	Anusha V B	
4BD17CS422	Veena M M B	

2. Areca nut Disease Detection System

USN	Student Name	Guides
4BD16CS032	INCHARA M	Prof. Vinutha H P Prof. Naveen Kumar K R
4BD16CS034	JYOTHI M H	
4BD16CS038	KAVYASHREE C	
4BD16CS124	MANASA H B	

3. Prediction of Air pollution using ML

USN	Student Name	Guides
4BD16CS006	Akshay K G	Prof. Shivanand R D Prof. Naveen H M
4BD16CS011	Anilgowda Sk	
4BD16CS086	Shreyas L E	
4BD16CS122	Vijay Kumar J	

4. Smart Drip Irrigation

USN	Student Name	Guides
4BD16CS125	MANASA K S	Prof. Roopa G M Prof. Arun Kumar G H
4BD17CS409	GOWRI D R	
4BD17CS411	MADHU B G	
4BD17CS415	PRIYANKA T	

5. Location based weather prediction using machine learning technique(2018-2019)

USN	Student Name	Guides
4BD15CS019	Anusha B R	Prof. Roopa G M
4BD15CS017	Anusha G R	
4BD15CS035	Deepika K R	Prof. Arun Kumar G H
4BD15CS025	Asmitha U P	

6. Centralized Web Application supporting vehicle toll payment system

USN	Student Name	Guides
4BD15CS095	Sanjana G S	Prof. Gangadhar S
4BD15CS097	Shreya L	
4BD15CS117	Tejaswini R	Prof. Pooja H
4BD15CS092	Sai Meghana	

7. Detection and Prediction of air pollution using machine learning models

USN	Student Name	Guides
4BD15CS053	Kavana S	Prof. Raghu B R
4BD15CS005	Afeefa	
4BD15CS075	Priyanka T R	Prof. Preethi B
4BD15CS055	Kavya A P	

8. Smart agriculture with using IOT (2017-2018)

USN	Student Name	Guides
4BD14CS106	Sushma C H	Prof. Vinutha H. P
4BD14CS058	Pooja Rawal	
4BD15CS402	Anapurna E C	Prof. Deepa K. B.
4BD15CS408	Chaitra	

9. Smart water management for smart city using IoT

USN	Student Name	Guides
4BD12CS083	Prashant	Prof. Ashoka K
4BD13CS005	Abhishek Kumar	
4BD13CS018	Ashwini Kumar	Prof. Naveen H M
4BD13CS116	Vikrant Bharadwaj	

10. Traffic and Solid Waste Management for Smart cities using IOT (2016-2017)

USN	Student Name	Guides
4BD13CS058	MUJEEB ULLA SHARIFF	Prof. Roopa G M
4BD13CS002	ABEER MUJEEB SHEIKH	
4BD13CS106	SPURTHI K J	Prof. Preethi B
4BD13CS056	MOHAMED MUZAMMIL	

11. Identification of Insects Causing Diseases in Plants (2015-2016)

USN	Student Name	Guides
4BD12CS075	Nikitha patil	Prof. Pradeep N
4BD12CS077	Nishka K S	
4BD12CS098	Rumana Zunain	Prof. Waseem
4BD12CS018	Anjali Rajendra	Khan

12. Optimizing Cultivation Management via iFarm (2014-2015)

USN	Student Name	Guides
4BD11CS076	Rakesh G N	Prof. Roopa G M
4BD11CS113	Nidhiraj I R	
4BD11CS052	Manjunath S	
4BD12CS410	Malingaraya	Prof. Preethi B.

13. Online Library Management for Students with SMS & Email Alert (2013-2014)

USN	Student Name	Guides
4BD11CS405	Gangamma M	Prof. Rekha B H
4BD11CS421	Shruthi B G	
4BD08CS400	Asma Jabeen C Z	Prof. Santhosh .K.C
4BD09CS038	Harsh Aditya	