Bapuji Educational Association®
Bapuji Institute of Engineering & Technology, Davangere
Department of Computer Science and Engineering (Data Science)

A Report on
"Green and Eco-Friendly Campus Initiatives"
of CS&E (Data Science)
(March 2024-2025)

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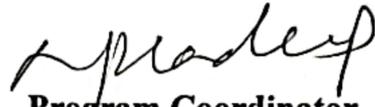
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Certificate

This is to certify that the Green & Eco-Friendly Campus initiatives documented in this report have been genuinely undertaken by the Department of CS&E (Data Science) during the academic year 2024-2025 and are submitted for AICTE compliance.

Program Coordinator
Dr. Pradeep N
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Davangere - 577 004.

Date: 30/12/2025
Place: Davangere

Declaration

I hereby declare that the information provided in this report is true, accurate, and supported by verifiable documentary evidence.

Latha M
Assistant Professor

Date:30/12/2025
Place: Davangere

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Introduction

The Department of Computer Science & Engineering (Data Science) was established in the year 2022. The department aims to provide quality education and develop technical skills among students. Along with academic activities, the department gives importance to Green and Eco-Friendly Campus Initiatives to create awareness about environmental protection.

The department actively encourages students and faculty members to follow eco-friendly practices in their daily academic life. Digital learning, paperless communication, and responsible use of electricity and resources are promoted to support a clean and green campus environment. As part of the Green and Eco-Friendly Campus Initiatives, the department organizes and participates in activities such as tree plantation drives, cleanliness programs, awareness sessions on environmental conservation, and energy-saving practices. These initiatives help in maintaining a healthy campus ecosystem and promoting sustainable habits among students.

The Department of Computer Science & Engineering (Data Science) supports the objectives of AICTE Green Campus initiatives by continuously engaging in environmentally responsible activities. Through these green and eco-friendly campus initiatives, the department contributes towards building a sustainable and environmentally conscious campus.

A Green Campus is a place where environmental friendly practices and education combine to promote sustainable and eco-friendly practices in the campus. The green campus concept offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of the mankind.

Greening the campus means reducing waste, avoiding unnecessary use of resources, and using energy in an efficient way for daily activities. It also includes proper waste disposal, using environment-friendly materials, and following effective recycling practices. The institute should plan and implement green campus initiatives within a fixed time period. These initiatives should be included in the institute's planning and budgeting to develop a clean and green campus.

Department-wise Green Initiatives

1. Title of the Initiative

Water Management and Conservation Awareness

Type of Initiative

Water Management

Objectives

- To create awareness about the importance of water conservation
- To reduce wastage of water within the campus
- To encourage responsible water usage among students

Date: 16/9/2024

Participants

- Number of Students: 59
- Number of Faculty: 8

Description of the Activity

The Department of Computer Science & Engineering (Data Science) conducted a Water Management and Conservation Awareness initiative as part of Green and Eco-Friendly Campus Initiatives. Students were instructed on proper water usage and methods to prevent water wastage within the campus.

Awareness was created through classroom discussions, notices, and informal interactions. Students were advised to close taps after use, avoid unnecessary use of water, and report leakages immediately. The importance of rainwater harvesting and maintaining clean water sources was also explained.

Outcome & Impact

Environmental Benefits

- Reduced water wastage on campus
- Better utilization of available water resources

Educational / Social Impact

- Improved awareness about water conservation
- Development of responsible water usage habits

2. Title of the Initiative

Energy Conservation and Awareness Program

Type of Initiative

Energy Management / Awareness

Objectives

- To reduce unnecessary electricity consumption in the department
- To create awareness about energy conservation among students of the department
- To promote responsible use of electrical equipment in classrooms and laboratories

Date: 13/11/2024

Participants

- Number of Students: 90
- Number of Faculty: 8

Description of the Activity

The Department of Computer Science & Engineering (Data Science) conducted an Energy Conservation and Awareness Program as part of Green and Eco-Friendly Campus Initiatives. Students were instructed on the importance of saving electricity and using energy responsibly in the department and across the campus.

Students were advised to switch off lights, fans, computers, and projectors when not in use. Awareness was also created about the use of energy-efficient devices and avoiding electricity wastage. Notices and verbal instructions were given to reinforce good energy-saving habits.

Outcome & Impact

Environmental Benefits

- Reduced electricity consumption in the department and campus
- Lower carbon footprint

Educational / Social Impact

- Improved awareness about energy conservation
- Development of responsible energy usage habits

Measurable Outcomes (if any)

- Reduced power wastage

3. Title of the Initiative

Tree Plantation

Type of Initiative

Plantation

Objectives

- To increase green cover in the department
- To promote environmental awareness among students
- To develop a clean and eco-friendly campus environment
- To support AICTE Green Campus initiatives

Date: 07//11/2024

Participants

- Number of Students: 58
- Number of Faculty/Staff: 6

Description of the Activity

The Department of Computer Science & Engineering (Data Science) conducted a Tree Plantation drive on 07/11/2024 as part of the Green and Eco-Friendly Campus Initiatives. Students and faculty members actively participated in planting saplings in the identified area near the glass house.

Participants were guided on proper planting methods and informed about the importance of trees in protecting the environment. The department ensured regular care and maintenance of the planted saplings to support their healthy growth.

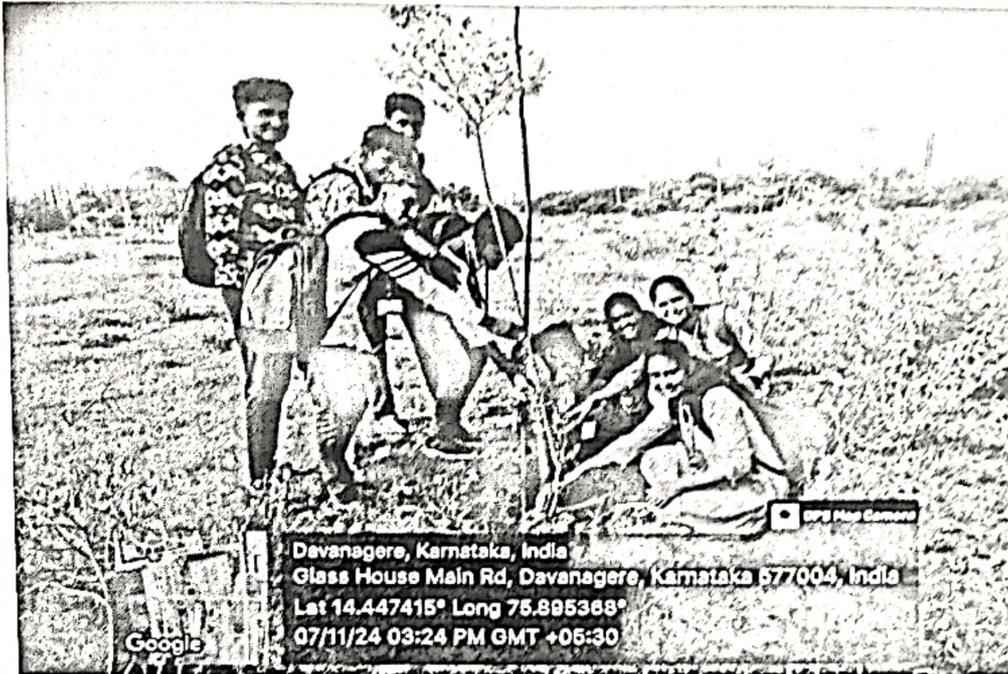## Outcome & Impact

Environmental Benefits

- Increased greenery near the glass house area
- Improved air quality and campus environment

Educational / Social Impact

- Created awareness about environmental conservation
- Encouraged students to take responsibility towards nature

Photo Document of Plantation

Plantation activity organized by the Department of CSE (Data Science) on 07/11/2024.

8. Summary of Green Initiatives

Sl. No.	Initiative	Date	Theme	Names of Participants (Students and faculties)	Key Outcome
1	Water Management	16/09/2024	Water Conservation	Third Semester Students (2023Batch)	Better water usage and reduced wastage
2	Energy Management	13/11/2024	Save Energy	Fifth and Seventh Semester Students	Improved energy saving habits
3	Plantation	07/11/2024	Green Campus	Third Semester Students (2023Batch)	Improved green environment