

## **BEST PRACTICE 2- GREEN CAMPUS INITIATIVES**

### **1. Title of the Practice: Green Campus Initiatives**

### **2. Objectives of the Practice**

- Foster environmental responsibility and sustainable practices among students, staff, and the community.
- Integrate sustainable practices into all aspects of college activities, including waste management, energy use, and resource conservation.
- Raise awareness of environmental challenges and encourage active participation in addressing them.

### **3. The Context**

In an era of climate change and resource scarcity, the college has a unique responsibility to lead by example in promoting sustainability. To fulfill this role, initiatives are needed to foster a campus environment that reflects and promotes ecological values. By implementing a range of sustainable measures, the college not only reduces its ecological footprint but also educates students and staff on sustainable practices, shaping them into environmentally responsible citizens contributing to a greener future.

### **4. The Practice**

- Environmental Initiatives: The college conducts regular environmental outreach programs such as plantation drives, awareness campaigns, Swachhata drives, etc.
- Digital Transformation: To reduce paper usage and improve operational efficiency, the institution has implemented the Integrated College Management System including BRAHMA, a comprehensive digital platform managing teacher databases, attendance, internal assessments, workload, timetables, student feedback, mentorship records, budgets, etc and BEAMS, a system designed to streamline the organization and management of workshops, seminars, and other academic events.
- Sustainable Waste Management Practices: Proper management of biomedical and electronic wastes, waste paper recycling and single use plastic - free campus.
- Alternative sources of Energy: Installation of solar panels and lights, LEDs, and energy efficient equipment.

## **5. Evidence of Success**

- Increase in environmental awareness and sensitivity among students and staff, evident through active participation in sustainability initiatives.
- The adoption of the “Reduce, Reuse, Recycle” principle as a way of life across the campus.
- Reduction in the campus’s carbon footprint through solar energy usage and efficient waste management.

## **6. Problems Encountered and Resources Required**

- Limited infrastructure and sufficient funds for implementing large-scale sustainable projects and maintaining existing initiatives, managing waste effectively and scaling up green initiatives.
- Financial support from government grants, CSR initiatives, and alumni contributions to fund solar panel installations, waste management systems, and other green projects. Enhanced infrastructure, including recycling units, composting facilities to support a green campus model.

