



# PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E.G.Dt., A.P. – 533 437

(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada)

(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956)

Ph: 08852 – 252233, 34. Website: [www.pragati.ac.in](http://www.pragati.ac.in)

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## **Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste**

Pragati Engineering College (PEC) is committed to promote sustainable practices and environmental stewardship. As part of it, the institution has initiated various facilities for the management of degradable and non-degradable waste. These facilities aim to minimize the environmental impact of waste generated in the campus and inculcate a culture of waste reduction, recycling, and responsible waste management.

### **Degradable Waste Management:**

PEC recognizes the importance of managing degradable waste effectively to reduce pollution and promote a healthier environment. The institution has established a composting system on campus. Organic waste from the canteen, and kitchen areas is collected separately and processed in composting units. These units facilitate the decomposition of organic waste, turning it into nutrient-rich compost. The compost is then utilized for landscaping and maintaining green spaces on campus.

To further promote waste reduction and sustainability, PEC has implemented a waste segregation system. Waste bins for different categories, such as biodegradable, recyclable, and non-recyclable waste, are strategically placed throughout the campus. This encourages individuals to separate their waste at the source, making it easier for the institution to manage waste effectively.

### **Non-Degradable Waste Management:**

PEC recognizes that managing non-degradable waste, such as plastic, paper, and metal, is equally crucial to protect the environment. Recycling bins are conveniently placed across the campus, making it easy for students and staff to dispose of their recyclable waste.

PEC has established tie-ups with authorized recycling agencies to collect and process the recyclable waste. The collected materials are sorted, processed, and sent for recycling to be used in the manufacturing of new products.

To further encourage recycling, PEC organizes awareness campaigns and workshops through NCC and NSS to educate the college community about the importance of waste segregation and recycling.

### **Waste Minimization and Reduction:**

PEC emphasizes waste minimization and reduction as an integral part of its waste management strategy. PEC also promotes (RRR - "Reduce, Reuse, and Recycle") through various initiatives. The college has established a campus-wide system for, encouraging students and staff to print and use paper effectively. Additionally, PEC has implemented a centralized printing system, reducing the number of individual printers and associated waste.