

Total Volume Inorganic Waste Produced this Year

Type of waste	amount (ton)				
	Total Produced (ton)		reduced	Treated	
	Last year	This Year		down-cycled	up-cycled
inorganic non-toxic	2.23	1.60			
- paper wastes	0.53	0.40			
- plastic wastes	0.32	0.27			
- Metal Wastes	0.83	0.66			
- electronic wastes	0.13	0.07			
- Glass wastes	0.18	0.09			
- Rubber and Foam	0.22	0.11			
- Chemicals and Laboratory Waste	0.03	0.02			

Plastic Wastes



Paper Wastes



The data presented in the table reflect a notable reduction in the total volume of inorganic non-toxic waste generated at WCC Aeronautical & Technological College (WCC-ATC), declining from 2.23 tons last year to 1.60 tons this year, which represents an overall reduction of approximately 28%. Each waste category—paper, plastic, metal, electronic, glass, rubber and foam, and laboratory chemicals—shows measurable decreases in generation, signifying effective implementation of waste-reduction measures and campus sustainability policies.

A major factor behind this decline is the institution's increased effort to create a paperless and eco-friendly office environment. Through the Aviation E-Library and E-Resources Program and the Paperless Classroom Initiative, WCC-ATC has significantly reduced paper use across departments. Faculty are required to upload learning materials and activities on the Learning Management System (LMS) instead of providing printed handouts. Likewise, administrative units have adopted digital transactions, electronic memos, and online records, in accordance with the "Paper Allocation Policy," which manages departmental paper consumption.

These measures directly contribute to lowering paper waste from 0.53 tons to 0.40 tons and support the institution's move toward sustainable digital practices. Complementing this, the school continues to strengthen its No Plastic on Fridays and Bring Your Own Bottle policies, which have reduced plastic waste from 0.32 tons to 0.27 tons. At the same time, the Plastic Bottle Reuse for Sustainable Campus Greening program encourages the repurposing of discarded materials into decorative and functional items. The institution also maintains its Mandatory Paper Recycling Program, ensuring that all used paper products are properly collected and recycled within the campus system.

These integrated initiatives, which include digital transformation, waste reduction, reuse, and recycling, demonstrate WCC-ATC's commitment to sustainable waste management and its leadership in aligning academic operations with environmental responsibility. The consistent downward trend across all waste categories provides tangible evidence of a successful, data-driven sustainability strategy that advances the college's mission toward a greener, paperless, and resource-efficient campus.