

Project Title: Waste Collection Management System For IIT Mandi

Faculty Mentor : Dr. Sarthak Nag and Dr. Parmod Kumar

Students Team Member

Students Name	Enrolment Number
Arendra Kumar	B23394
Anuj Pal	B23339
Dipanshu	B23126
Keshav Kumar	B23076
Utkarsh	B23056
Vulli Navadheer Kumar	B23361

Total Budget: Rs. 30,000

 10.9.2024

Signature of Faculty Mentor

Date: 7/09/2024

APPENDIX (Detailed Budget)

Item Name	Quantity	Cost	Vendor
Sensor (for waste type detection)	1	₹4,000	
Motorized Lid Mechanism	3	₹3,000	Robocraftstore.com
Microcontroller (e.g., Arduino/Raspberry Pi)	1	₹5000	Electronics Comp
Frame and Bin Stand	3	₹2,000	
Dustbins (Biodegradable & Non-biodegradable)	3	₹4,500	FlipKart
Welding and Assembly Cost	-	₹1,000	
Power Supply Unit	1	₹1,000	
Wires and Connectors	-	₹1,500	
Mobile App Domain	1	₹4,000	GoDaddy.com/SnTC (if Possible)
Testing and Calibration Kit	1	₹2,000	Amazon
Miscellaneous (screws, mounts, etc.)	-	₹2,000	

Total Cost of the Items:

Rs. 30,000