



University: Kakatiya University
Country: India
Web Address: Kakatiya.ac.in

[3] Waste
[3.1] Recycling Program for University Waste

Extensive (> 75% Waste)

Two Prominent Programs are in practice

1. Vermicompost Plant
2. Collecting and Disposing Paper Waste

1. Vermicompost Plant



All the minor wastes of the University are handled by our Vermicompost Plant

2. Wastepaper Recycle

Most of the used paper are the Exam Answer Scripts. Next are the newspapers and other miscellaneous papers used in different administrative wings of the University. Such papers are stored and disposed annually to recycling firms. In 2021, 252 tons of first quality and 75 tons of second quality paper was disposed. An amount of Ten Million Rupees) (US\$ 134,488.90) was generated from used paper, mostly examination scripts.



Used Answer Scripts stored in the University Godawn



Used Office Papers



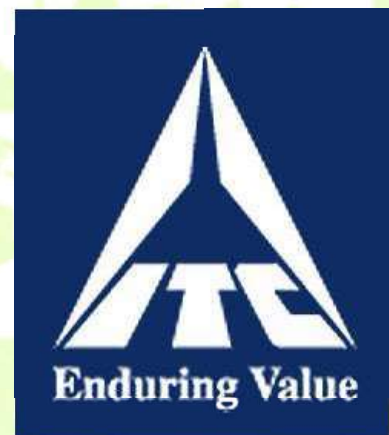
Used News Papers

Based on the interest expressed by M/s ITC Limited Paper Boards & Speciality Papers Division (Bhadrachalam), Secunderabad cited under references i & iv and subsequent resolutions of the Committee cited under references ii & v, the Vice-Chancellor, after careful examination of the matter, has accorded approval to sell/dispose used Answer Scripts & Un-used Covers etc., (sorting, lifting and transporting) to M/s ITC Paper Boards & Speciality Papers Division Limited through its authorised franchise M/s Earth Box Enviro Pvt. Limited, Hyderabad on following rates for a period of One year only from the date of entering into an MOU.

Rate Quoted for used Answer Scripts per KG (First Quality)	Rate Quoted for un-used Covers etc., per KG (Second Quality)
Rs 21.00	Rs. 17.00

The above said authorised franchise/firm of ITC Limited has to enter into a Memorandum of Understanding (MOU) with the Controller of Examinations, Kakatiya University. The Firm has to follow scrupulously the payments mode and other terms & conditions of MOU before commencing lifting and transporting the paper scrap.

In 2021, the University reached an MoU with Indian Tobacco Company (ITC) as part of its **Wellbeing Out of Waste** program that aims to recycle paper and make Green Notebooks



In 2019, the University initiated to adopt **Waste Policy** to dispose all the iron and e-waste accumulated in different offices and departments.

The waste was disposed to only such companies that used scientific methods of e-waste treatment.



An amount of Rs 400,000.00 (US\$ 5,372) was generated, which is again used for the sustainability initiatives.



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[3] Waste
[3.3] Organic Waste Treatment

Extensive (> 75% Treated)

Organic waste produced in the University, in solid form is less than 7%. This is sent to the 'Kakatiya Waste Management Park', managed by the Greater Warangal Municipal Corporation'.



Kakatiya Waste Management Park, Madikonda, Warangal (location and map)



Greater Warangal Municipal Corporation Converts Organic Waste into Compost



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[3] Waste
[3.4] Inorganic Waste Treatment

Extensive (> 75% Treated}



60%



20%



15%



5%

The inorganic waste generated in the University is handled by the **'Green Campus Recycling Project'**, undertaken by the National Service Scheme (NSS) Unit of the University. Periodically the NSS Volunteers collect the inorganic waste and hand it over to the Warangal Municipal Corporation, which uses them for recycling.



AWARENESS PROGRAM ON WET AND DRY WASTE

Organized by Greater Warangal Municipal Corporation
In collaboration with E-Sree Foundation

Date: 14-12-2022

Venue: University Common Mess, Kakatiya University.



Date: 14/12/2022

Sl. No.	Name of the participant with Designation	Signature
1)	Dr. B. Manjula, Director, KU University Hostels KU	
2)	Dr. B. Sucharitha Paul. (Joint Director) Padmakshi Hostel	
3.	A. Kiran ITC-GWMC. Dr. G. Usha Kiranmai, JD, padmakshi hostel, KU, CU	
A	D. Pavan ITC-WOW-GWMC	
D.	Basha SI GWMC Dr. M. Sangeetha Devi JD. Vidyaranya UASRI	
6.	R. Lakshman Naik JD. Engineering Hostel	
7.	R. D. Prasad, JD, Engg Naps Host, AKAGC - NON	
8	Dr. M. Sangeetha Devi JD. Vidyaranya Koldhamery UASRI	
9.	Dr. G. Usha Kiranmai, JD, padmakshi hostel, KU, CU	
10.	Dr. Kalkorey Cheluvani, JD, CM, JKH	
11	T. P. Pabell	
12	M. Nalini Devi Engg	
13	D. Hostel.	
14.	S. Rohanath	
15	T. ...	
16	G. ...	
17	P. ...	
18	D. ... D. Raju.	
19	M. ...	
20	E. ...	
21	E. ...	
22	P. Shreya	
23	G. ...	
24	G. ...	
25	G. ...	
26	S. ...	

27 S. S. S. S.

Cur

28 M. S. S. S.

29 J. S. S. S.

L.H

30 " S. S. S.

S.S

31 Y. S. S. S.

W. S. S.

32 M. Ashwini

M. Ashwini

33 N. Srilatha

S. S.

34 D. Jyoshna.

Jyoshna.

35 D. Kavitha.

Kavitha

36 M. Sunitha.

Sun

37 B. S. S. S.

S. S.

38 G. Samatha

~~G. Samatha~~ G. Samatha.

39 K. Swapna

K. Swapna

40 K. Mamatha.

K. mamatha.

41 A. Swapna.

A. Swapna.

42 M. S. S. S.

43

44 N. Savithra

N. Savithra

45 M. S. S. S.

M. S. S. S.

46 M. kavitha.

47 E. S. S. S.

SM. kavitha

48 S. S. S. S.

S. S. S.

49 Krishna

Krishna

50 Ch. Gouriah

~~Ch. Gouriah~~

51 E. Dilip

Dilip

52 M. Suresh.

M. S.

53 P. S. S. S.

P. S. S. S.

54 R. S. S. S.

R. S. S. S.

55 R. S. S. S.

56 M. S. S. S.

57 B. S. S. S.

B. S. S. S.

58 K. S. S. S.

K. S. S. S.

59 M. S. S. S.

M. S. S. S.

60 G. S. S. S.

G. S. S. S.

61 M. S. S. S.

M. S. S. S.

62 M. S. S. S.

M. S. S. S.



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[3] Waste
[3.5] Toxic Waste Treatment

Extensive (> 75% Treated}

Toxic wastes in the University are from the science laboratories. 93% of such wastes are in liquid forms, only 7% are in solid form. The University has partnered with 'Kakatiya Toxic Waste Treatment Plant' for the disposal of Toxic wastes. Recently, as a result of COVID-19, some voluntary organizations have come forward to align with the University to collect and treat all toxic waste.



Kakatiya Toxic Waste Treatment Plant, Hanamkonda



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[3] Waste
[3.6] Sewage Disposal

Treated Conventionally (Septic Tank)



Description

Each of the university building has a dedicated 'Septic Tank' made of water-tight concrete tanks.

The accumulated fecal sludge are periodically removed with the help of the Warangal Municipal Corporation using modern methods, which is further treated in a plant.



Municipal Sewerage
Collection Van