



**J.V.R GOVERNMENT COLLEGE. SATHUPALLY, KHAMMAM Dist. TS.**

(Affiliated to Kakatiya University, Warangal)

Contact No: 08761 295098. 9154806772 e-mail: [sathupallykr@gmail.com](mailto:sathupallykr@gmail.com)

Website: <https://gdcts.cgg.gov.in/sathupally.edu>



### **Solid Waste Management:**

The institution ensures clean and healthy surroundings and follows effective Solid Waste Management 2-3kgs of Solid Waste in the form of class room waste and dry leaves is collected in the campus spread over 12.5 acres. Separate Dust bins for Bio-degradable and Non-biodegradable waste is placed in all class rooms, Laboratories office and Departments.

Biodegradable waste, Lunch left over etc., are filled in Bio-compost pit which is converted in to Organic compost .This is used for Botanical garden and Flower garden in the campus, Eco-club and Department of Zoology maintains Vermicompost unit at the college and produces eco-friendly Vermicompost, Vermiswash used for campus gardens. In the campus pits, Sanitary landfills are designed to reduce or eliminate the risks that waste disposal may pose to the environmental quality. Eco-club and N.S.S Volunteers participate in maintenance of Bio-compost and 02 vermi compost units at the college. No-Plastic awareness drives were conducted by Eco-club amongst students and extension activities adopted at Rudrakshpally, Kakarlapally villages. Plastic waste collected is handed over to the Municipality Incinerators are functional at girls washrooms, Common rooms for disposal of used Sanitary napkins.

### **Liquid Waste Management:**

All liquid wastes such as Hand wash water, discharge from R.O plant, laboratories are managed and optimally used. Reuse of Waste water produced by R.O. water purifier plant for washing and also channelizing this to garden. Wash water during cleaning of water tanks is also channelled to garden. Eco-club organized several students level sensitization programmes during last 5 years on minimizing wastage of water and water conservation strategies.

Liquid waste from chemistry, Botany, Zoology and Dairy science laboratories which include Alcohols, Organic acids, and indicators are treated with charcoal and cement mixtures before mixing with soil. Chemistry department collects rain water as distilled water used is in laboratory practicals

### **E Waste Management:**

College follows the standard protocols on e-waste management and conducted sensitization programmes to students and staff. College follows the guidelines issued by Commissionerate of Collegiate Education for identification, recycling and disposal of e-waste generated at the college. Annual verification committees are constituted every year to identify and segregate the obsolete and beyond repair electronic equipment like Computers, Printers, Refrigerators and UPS etc. The identified e-waste of the college is handed over to the District level e-waste committee and Telangana State Technological Services (TSTS) empanelled agencies for disposal during the last 5 years. 50 Desk top computer system, 14 printers, 07 UPS, 02 ACs (Window) 02 Refrigerators besides inverters, stabilizers, and batteries are sent for recycling or disposal.

### **Biomedical waste management:**

Animal waste generated from conduct of Life sciences practicals at zoology, dairy science laboratories in the college due to use of animal specimens (Invertebrates and Fishes) for dissections, physiology experiments, serological samples, urine samples, used syringes, blood samples, are autoclaved, sterilized and then deep buried in soil. Incineration ash is also deep buried in soil carefully following standard protocols.

### **Waste recycling system:**

Biodegradable waste generated at the college is converted into bio-compost and vermi compost and waste water from R.O used at wash rooms.



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Website: <https://gdcts.cgg.gov.in/sathupally.edu>



## 7.1.3 GEOTAGGED PHOTOGRAPHS OF FACILITIES

### SOLID WASTE MANAGEMENT

#### BIO COMPOST PIT



## VERMI COMPOST





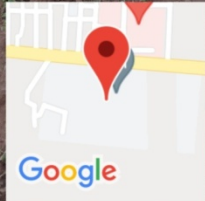


VERMI COMPOST  
CARBON ORGANIC BACTERIA  
FERTILIZERS  
PHOSPHORUS NITROGEN MAGNESIUM CALCIUM  
ORGANIC MATTER PLANT NUTRIENTS  
DEPARTMENT OF ZOOLOGY EARTH WORMS MANURE I.C.O.-CLUB



Sathupally, Telangana, India  
SH 42, Sathupally, Telangana 507303, India  
Lat N 17° 12' 43.58772"  
Long E 80° 49' 29.26776"  
13/01/22 09:56 AM

## Liquid Waste Management



Sathupally, Telangana, India  
SH 42, Sathupally, Telangana 507303, India  
Lat N 17° 12' 43.182"  
Long E 80° 49' 28.10388"  
13/01/22 11:38 AM



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## **7.1.3 AGREEMENTS / MOUS**



# MOU WITH VERMICOMPOST UNIT

**J V R GOVERNMENT COLLEGE – SATHUPALLY :: KHAMMAM DIST.**  
**Affiliated to Kakatiya University- WARANGAL**  
**Accredited with B+ Grade by NAAC**  
08761 28098 : 9885073548 : e-mail: [sathupallyjkc@gmail.com](mailto:sathupallyjkc@gmail.com).  
Website : [www.jvrgcsattupalli.co.in](http://www.jvrgcsattupalli.co.in)

University – Institution Interaction      Academic year  
Memorandum of Understanding      2016 -17.  
Between      Date 1-11-08-2016  
Dept. of ZOOLOGY , JVR Govt. College, Sathupally, Khammam Dist.

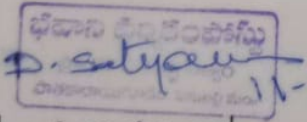
And  
Bhavani VERMICOMPOST UNIT, Karaigudem


In accordance with the mutual desire to promote cooperation between JVR Govt. College , Sathupally, Khammam and Bhavani - compost unit, Karaigudem both the College and the institution enter into this formal statement of Collaboration in the form of Memorandum of Understanding for the purpose of Academic and professional exchanges. This MOU is valid for the period of 2016-17 year to 2020-21 (5 years).


Both the institutions have found it mutually beneficial to explore cooperative activities for the following purposes:

1. Training of B.Sc., students every year by Assignments and short research projects.
2. Collaboration in research activities between College and Institution .
3. Exchange of Visit between Scientists/Faculty members of the college to their counterpart and place.
4. Organization of Joint Seminars/training programmes /meetings.
5. Placements of joint seminars/training programmes/meetings

It is understood that the details of the joint activities/conditions for the utilization of the results achieved, arrangements for specific visits, exchange and and all other form of cooperation will be handled on mutually agreeable terms for each specific case

  
D. Satya  
Bhavani vermicompost  
Unit, Karaigudem (hi)  
perubali (mandal) KMM.

  
J.V.R. GOVT. COLLEGE, SATHUPALLY  
SATHUPALLY-KHAMMAM DIST.

  
PRINCIPAL  
1-11-8-2016  
J.V.R. GOVT. COLLEGE, SATHUPALLY  
SATHUPALLY-KHAMMAM DIST.

## AGREEMENT WITH BOTTLING UNIT

*Sri Sarvaraya Sugars Limited* **kinley**

Regd. Office:  
2 Ethiraj Salai, Egmore  
Chennai 600 008, India  
Tel.: (91)(44) 2827-6182  
E-Mail: chennai@srisarvarayasugars.in

Bottling Unit - Sathupally  
CIN : U01115TN1956PLCO03435

Sathupally 507 303  
Khammam District  
Telangana, India  
Tel.: (91)(8751) 283430  
Fax: (91)(8761) 282372  
E-Mail: coca-cola@srisarvarayasugars.in

### RAIN WATER HARVESTING

The Rain Water Harvesting Projects taken up by M/s Sri Sarvaraya Sugars Limited, Bottling unit, Sathupally to a number of 1 (One) have been dug in our premises and the same will be maintained before pre-monsoon and post monsoon properly by M/s JVR Degree college Sathupally and the filter media will be cleaned by M/s Sri Sarvaraya Sugars Limited Bottling unit, Sathupally on yearly basis.

Handed Over By  
For Sri Sarvaraya Sugars Ltd  
  
(R. JAGADEESWARA RAO)  
Asst. Manager  
BOTTLING UNIT.

Taken Over By  
  
PRINCIPAL  
J.V.R. GOVT. COLLEGE  
SATHUPALLY-KHAMMAM, DT.

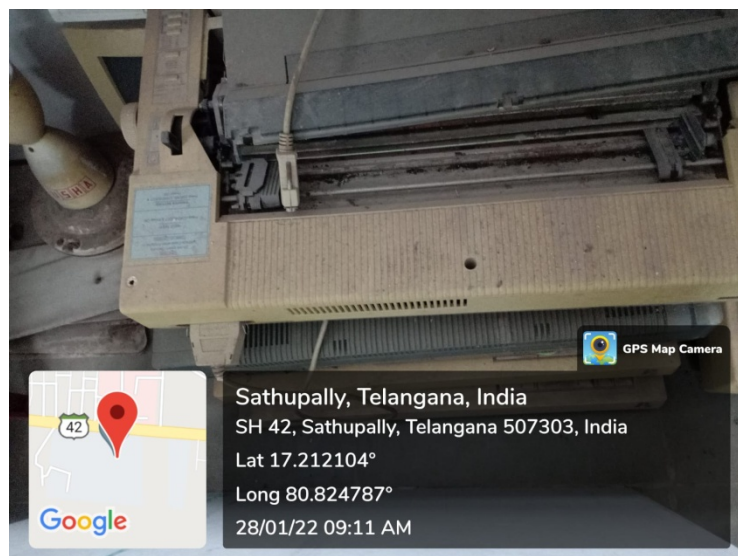
# E- WASTE MANAGEMENT

## J.V.R GOVERNMENT COLLEGE, SATHUPALLY.

### E Waste Management:

College follows the standard protocols on e-waste management and conducted sensitization programmes to students and staff. Used toner and cartridges sent to retailer collection point for recycling

- College follows the guidelines issued by Commissionerate of Collegeiate Education for identification, recycling and disposal of e-waste generated at the college.
- Annual verification committees are constituted every year to identify and segregate the obsolete and beyond repair electronic equipment like Computers, Printers, Refrigerators and UPS etc.
- The identified e-waste of the college is handed over to the District level e-waste committee and Telangana State Technological Services (TSTS) empanelled agencies for disposal
- During the last 5 years 50 Desk top computer system, 14 printers, 07 UPS, 02 ACs (Window) 02 Refrigerators besides inverters, stabilizers, and batteries are sent for recycling or disposal.



## Circular on E-Waste:

PROCEEDINGS OF THE COMMISSIONER OF COLLEGIATE EDUCATION  
TELANGANA :: HYDERABAD  
Present: Smt. A. Vani Prasad, I.A.S.

Rc.No.01/AC/e-Waste/Acad. Cell      Date: 30/08/2017

Sub:- Govt. Degree Colleges- Identified e-Waste purchased before 31.12.2012-  
Recycling and Disposal-Certified by the College level Committee- Reg.  
Ref:- 1. Cir.No.01/e-Waste/Acad. Cell/AC-4/2015 dated 21.04.2015  
2. G.O.Ms.No.24/ GoAP/Information Technology& Communication  
(Infra) Dept. dated 03.09.2010

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The attention of the principals of Govt. Degree Colleges is drawn to the subject cited. It has been brought to the notice of the Department the Govt. degree Colleges have accumulated e-Waste over a period of time. So they are instructed to initiate the process to dispose the e-Waste.

In this connection the following guidelines relating to the process model for handling the e-Waste in Govt. Degree Colleges.

1. E-Waste scrap refers to the discarded computers, office electronic equipment, phones, television sets, LCD projectors, printers and refrigerators etc. This includes electronics which are destined for reuse, resale and recycling or disposal.
2. A District level committee shall be constituted in each district under the chairmanship of the District ID College Principal comprising Lecturers as members essentially a Lecture in Computer Science. However, the number of members shall not be more than 05 including chairman.
3. The committee shall
  - a. Identify the institution e-Waste
  - b. Categorization of the e-Waste like Monitors, CPUs, Printers, LCDs etc.
  - c. Segregation of category wise e-Waste based on their type, configuration and make.
  - d. Separation and storage at a separate place in the institution so as to facilitate next course of action ie recycling or disposal.
  - e. Preparation of the list of items and handing over to the institution for requisite process.
4. The committee shall complete the process and submit report on the status of e-Waste in respective district to CCE on or before 10.09.2017.
  - 4a. Committee should send a report with details of equipment proposed for condemnation and photographs,
5. GDCs which have done the process of identifying the e-Waste already may write to Director, TSTS for empanelled agencies to take up the process of disposal with ref 2<sup>nd</sup> read.
6. As the committee has to visit the colleges in the district, the members of the committee may claim the expenses incurred towards TS and DA from their respective colleges as per the norms.

  
For Commissioner of Collegiate Education

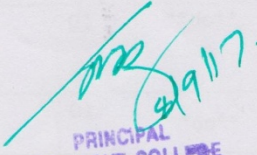
**E- WASTE**

(CUP, MONITORS,PRINTERS,UPS,AC'S ,OTHERS)  
J V R GOVT. COLLEGE, SATHUPALLY.

S.N O	Item	Configuration	Stock Reg. No.	Date of Purchase	No. of Items	Remarks
01	Desk Top System	PCXT,	Comp.Dept., Page -4	16-02- 1994	02	Not in working condition
02	Desk Top System	ACS computer 4.3 GB Hard disk, 32mb ram, Intel- 366MH, 14" Monitor	Comp.Dept., Page-4	01-10- 1999	03	Not in working condition
03	Desk Top System	4.3 GB Hard disk, 32mb ram, Celron- 433MH, 14" Monitor	Comp.Dept., Page-4	14-12- 1999	09	**do**
04	Desk Top System	Wipro, Intel CD rom 4.3 GB Hard disk, 32mb ram, Celron- 433MH, 14" Monitor	Comp.Dept., Page-4	29-03- 2000	03	**do**
05	Desk Top System	2 GB Hard disk, 32mb ram, 14" Monitor	Comp.Dept., Page-20,21	15-12- 1998	03	**do**
06	Desk Top System	10 GB Hard disk, 64mb ram, Celron- 700MH, 14" Monitor	Comp.Dept., Page- 22	26-12- 2000	12	**do**
07	Desk Top System	Wipro 9100 MH 12 GB Hard disk, 32mb ram, 15" Monitor	Comp.Dept., Page- 40	26-02- 2001	02	**do**
08	Desk Top System	10 GB Hard disk, 64mb ram, Celron-14" Monitor	Comp.Dept., Page- 22	30-12- 2001	01	**do**
09	Desk Top System	40 GB Hard disk, 256mb ram, P4 - 1.8MHZ, 17" Monitor	Comp.Dept., Page- 22	26-06- 2003	01	**do**
10	Desk Top System	40 GB Hard disk, 128mb ram, P4- 1.7MHZ, 14" Monitor	Comp.Dept., Page- 22	26-06- 2003	14	**do**
11	Printer	Sritek Dot matrix	Comp.Dept., Page- 5	16-02- 1994	01	**do**
12	Printer	TVSE Dot matrix	Comp.Dept., Page- 5	01-10- 1999	01	**do**

13	Printer	TVSE Dot matrix	Comp.Dept., Page- 5	10-12- 1999	02	**do**
14	Printer	HP –DESK JET color	Comp.Dept., Page- 5	30-12- 2000	02	**do**
15	Printer	HP Printer	Comp.Dept., Page- 5	20-06- 2003	01	**do**
16	Printer	Wipro EX dot matrix	Comp.Dept., Page- 41	26-02- 2001	01	**do**
17	AC- window	Aditya	Comp.Dept., Page- 1	16-02- 1994	01	**do**
18	AC-window	LG	Comp.Dept., Page- 1	1996	01	**do**
19	UPS	Scan power- 500va	Comp.Dept., Page- 25	30-12- 2000	03	**do**
20	UPS	Wipro- 1000 va	Comp.Dept., Page- 25	30-12- 2000	01	**do**
21	UPS	220 va	Comp.Dept., Page- 25	02-03- 2001	01	**do**
22	UPS	Akshara enterprises- 600va	Comp.Dept., Page- 25	09-12- 2013	01	**do**
23	UPS	SCAN POWER 1 KVA	Comp.Dept., Page- 44	02-03- 2001	01	**do**
24	Stabiliser	4K VA voltage	Comp.Dept., Page- 25	16-02- 1994	01	**do**
2425	CVT	CVT 10KVA	Comp.Dept., Page- 8	16-02- 1994	01	**do**
26	Modem	566 kbps	Comp.Dept., Page- 43	26-01- 2001	01	**do**
27	Charging light		Comp.Dept.,	2000	01	**do**
28	Camera	A00b0540	Comp.Dept., Page-30	01-03-10	01	**do**
29	Refrigerator	165 lts	Botany Page- 1	02-03- 1990	01	
30	printer	EPSON LQ-300 Dot matrix	Examination Branch		01	**do**
31	Printer	Roz rotary	Examination Branch		01	**do**
32	Printer	SAMSUNG-ML	Examination Branch		01	**do**
33	Refrigerator	Aalwysnow 157	Chemistry GRNC-I-75	29-03- 1978	01	**do**
34	Hot plate	Neo lab HI-80 (30"X 40")	Chemistry GRNC-I -123	06-03- 1978	01	**do**

35	Conducto Meter	Elico model (M82J)	Chemistry UGC -01	24-03- 1990	01	**do**
36	Conducto Meter		Chemistry UGC -01	14-03- 2007	05	**do**
37	Potentio Meter		Chemistry UGC- 33	21-01- 2002	01	**do**
38	Potentio Meter		Chemistry UGC- 33	14-03- 2007	04	**do**
39	Colori Meter		Chemistry UGC- 34	21-01- 2002	01	**do**
40	Colori Meter		Chemistry GRNC- 155	14-03- 2007	01	**do**
41	Battery	Exide 88 AH	Chemistry GRNC-162	24-02- 2012	3	**do**
42	UPS	2.5KV	Chemistry GRNC-163	24-02- 2012	1	**do**
43	REFRIGIRATOR	65 LTRS	ZOOLOGY UGC-5	24-03-90	01	**do**
44	WATER BATH		ZOOLOGY UGC-26	15-03-2006	01	**do**
45	FILM STRIP PROJECTOR		ZOOLOGY GOVT-30	22-08-1977	01	**do**
46	GAS PLANT		ZOOLOGY GOVT-114	12/3/2007	01	**do**
47	CENTRIFUSE		ZOOLOGY GOVT-123	22-02-1978	01	**do**
48	COLOUR SLIDES		ZOOLOGY GOVT-137	20-03-1978	260	**do**
49	HOT AIR OVEN		ZOOLOGY GOVT-138	22-03-1978	01	**do**
50	GLUCOMETRE DIGITAL		ZOOLOGY GOVT-182	12/3/2007	04	**do**
51	OHP		ZOOLOGY GOVT-187	8/3/2008	01	**do**
52	Battery	Exide	ZOOLOGY Govt. 188	25-02-2012	03	**do**
53	Inverter	Luninus	ZOOLOGY Govt. 188	25-02-2012	01	**do**

  
 PRINCIPAL  
 J.V.R. GOVT. COLLEGE  
 SATHUPALLY-KMM.DT.

Government Degree College Sathupally  
District: Khammam


Date: 08/09/17

It is certified that the equipment which is being identified as e-Waste as mentioned in the annexure and for handing over to the Telangana State Technological Services (TSTS) agency for recycling and disposal is not in working condition/ can't be repairable. The equipment has no important data/ information relating to the department and the data in the storage media has been destroyed/removed.

The Govt. Degree College \_\_\_\_\_  
District \_\_\_\_\_ - holds responsibility for any data destroyed from the media/e-waste handed over to the TSTS for recycling/disposal.

District e-waste committee:

- 1.
- 2.
- 3.

  
Principal  
08/09/17  
PRINCIPAL  
J.V.R. GOVT. COLLEGE  
SATHUPALLY-KMM.DT.

**Link on College website for Ecoclub:**

<https://ccets.cgg.gov.in/Uploads/files/buttonDetails/58860.pdf>