

**TRR GOVERNMENT DEGREE COLLEGE,
KANDUKUR, PRAKASAM DT.
ECO CLUB**

SOLID WASTE MANAGEMENT COMMITTEE- 2021

As a part of green initiative, our college has developed a solid waste management unit and vermicompost unit in the Botanical garden of our college. The Eco Club & the department of Zoology will oversee the functioning of solid waste management and vermicompost preparation. For the smooth functioning of the solid waste management & vermicompost preparation a management committee is created which involves the following members.

1. Principal, Chairman of the committee
2. Convenor Eco Club and HOD Zoology department - Secretaries
3. All the HODs of Science Department – Members
4. Student members
 - A. Kalyan BZC 2nd year
 - J. Phillip BZC 2nd year
 - T. Chandana AZC 2nd year
 - M. Keerthi AZC 2nd year
 - M. Kusuma MPCS 2nd year
 - K. Allen Christina AZC 2nd year
 - T. Kranthi mai AZC 2nd year
 - A. Appadi Raj Kumar AZC 2nd year
5. Vijay Gardener
6. Nagaraju Record Assistant

All the above members will meet once in a month in the Principal's chamber and discuss regarding the smooth running of the Solid Waste Management Unit. The management committee is also entrusted with the sale of Vermicompost which is left after self-consumption (for nourishing our garden plants.)

Eco Club Convenor


PRINCIPAL
T.R.R. Government Degree College
KANDUKUR - 523105
Prakasam Dist.

TRR GOVERNMENT DEGREE COLLEGE, KANDUKUR, PRAKASAM DT.
ECO CLUB

Date: 04.09.2021

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It is to bring to your notice that as a part of implementing the Green policy of our college, it is decided to start the Solid Waste Management Unit (SWMU) along with Vermicompost in our second Botanical Garden. All the HODs are instructed to inform the students to visit the SWMU and Vermicompost unit in their leisure time. The HOD Botany and Zoology departments will come up with the management committee which involve their staff and Students. SWMU and Vermicompost units in Garden are made open to visit from 06.09.2021 onwards.

Eco Club Convener

T.R.R. Government Degree College
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Botany	Political Science
Zoology	History
Chemistry	Economics
Physics	Commerce
Mathematics	WEC
Computer Science	NSS
Hindi	NCC
Urdu	Physical Education
Telugu	English

SOLID WASTE MANAGEMENT UNIT

In our college as a part of eco-friendly practice we have started the solid waste management unit under which we segregate the solid waste into plastic, metal, electronic, one hand and organic waste like paper, Leaves, flowers kitchen waste, food on the other hand. The unwanted solid waste is disposed by the municipal workers. The organic waste is diverted for composting unit. In solid waste management unit we consider the organic waste for the preparation of both organic manure and vermin-compost based on the availability of mother culture of earthworms. We strictly follow the 4R formula of Environment protection in our college campus. We refuse the plastic usage in the college premises. We reduced the usage of chemical fertilizers for our plants in the Botanical Garden.

We prepare our own Organic manure for nurturing our plants. In our college the solid waste/ garbage is cleared twice a day with the help of the dedicated scavenger and watch man. Every day huge amount of garbage nearly (10 - 12 kg) is collected, in which the freshly fallen leaves forms the lions share. Wet and Dry garbage are collected in dedicated separate dust bins. Segregation of the solid waste collected is done in separate cement pits built in the solid waste management unit built in the college, beside the main entrance gate. In pit 1, all the unwanted solid waste like plastics, and plastic related material are collected and disposed in an effective way. In Pit 2, metals, biomedical waste, e-waste are further collected and segregated and disposed. In Pit 3, the organic waste collected from the plants like freshly fallen leaves flowers buds fruits and other wet organic waste like food animal waste are collected. The organic waste is diverted to the vermicompost unit for the preparation of vermicompost. Bio medical waste if any is disposed through incineration process. Remaining waste like e-waste, metals and plastic are sold to the local vendors.





Scavenger engaged in collecting the organic waste in to the container.



Scavenger engaged in dumping the organic waste in the pit



SOLID WASTE MANAGEMENT UNIT OF OUR COLLEGE

Disposal of unwanted solid waste from the college premises by Municipal authorities



VERMICOMPOST UNIT:

Vermicompost unit is started in TRR Govt. Degree college to convert organic waste in to wealth. Huge quantity of organic waste is produced in the college. Most of the organic waste is from the plant litter. Daily from the entire campus nearly 12 kgs of plant waste is accumulated which is diverted for making vermicompost.

The Vermicompost unit is located to the left side of the College main Gate in one of our Botanical Garden. The built in area of the Vermicompost Unit is 20ft length and 16.5 ft width. In this area four pits of uniform size measuring 11ft length, 7 feet width and 2 ft depth are built. Each pit yields nearly 95 kgs of fully prepared vermicompost. Total capacity of the vermicompost unit is (95x4) 380 kgs. Out of this total vermicompost nearly 50 percent is consumed for nourishing our own plants of the garden and the remaining quantity is sold to the college staff and local public at the rate of 10/kg. The services of CTRI RS Kandukur (Central Tobacco Research Institute Regional station Kandukur is note worthy. The college has conducted the workshop on “Preparation of Vermicompost” in cordination with CTRI to bring awareness on importance of vermicompost and its importance. This program not only increased the awareess among the students and staff but also the local farming community. In near future we wish to develop this vermicompost unit in to a mini prototype incubation center.

Management: The Department of Zoology oversees the functioning of the vermcompost unit. The organic waste is collected by the scavenger and disposes it in to the vermicompost pits. The department of zoology with the help of the students are engaged in producing the vermicompost. Department of Botany is engaged in utilizing the produced vermicompost to its garden plants. Department of Zooogy is not only engaged in preparation but also sale of left over vermicompostwhich remained after nourishing our garden plants. The amount accumulated after the sale of vermicompost is used to maintain the vermicompost unit by the Department of zoology.

Dumping the organic waste in the vermicompost pits



Students and staff involved in vermicompost preparation



Students at work in the vermicompost unit



Students collecting the fully prepared Vermicompost from the pits



Principal, Dr. M. Ravi Kumar, staff and students harvesting the vermicompost



Students and staff involved in nourishing the plants with vermicompost prepared in the college vermicompost unit.



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Staff purchasing the vermicompost from the zoology department

T.R.R.GOV'T.DEGREE COLLEGE, KANDUKUR

DEPARTMENT OF ZOOLOGY

2020 - 2021

S.NO	CONSUMER	QUANTITY	PRIZE PER UNIT	TOTAL
1.	M. Ravi Kumar Principal, GDC, Kandukur - 9440221228	20kg	10Rs	200/-
2.	Dr. Yedukondalu. Narandra. Lect. in Economics, GDC, Kandukur. 994882403.	20kg	10 Rs	200/-
3.	Dr. J. KESAVARAO Lect in English BDE Kandukur 9440653869	10kg	10	100/-
4.	Dr. N.V. Sathani Lect. in Physics 9491533585	10kg	10	100/-
5.	K. Sreenivasulu Lect. in Mathematics, 8977678123	10kg	10	100/-
6.	Dr. Ch. Srinivasulu Lecturer in Commerce. 9063960775	20kg	10Rs.	200/-.
7.	D. Ramajineyulu, Lecturer in History mobile: 7396768073	10kg	10	100/-
8.	G. Brahmachari, Librarian 9989543109	10kg	10	100/-

9.	Shak. Shams Begum, Lec in Telugu mobile: 9441442274	10kg	10	100
10.	J. Hanumanth Rao 9703335704	10kg	10	100/-
11.	M. Raghun Kedamath Kuma 9441935333	5kg	10	50/-
12.	T. Adish Babu 9885398524	10kg	10	100/-
13.	Kv. Padma Lathi, Lect in Chemistry 9441366962	10kg	10	100/-
14.	Dr. N. Vinayathri Swamy Lect in Biology 9866431508	10kg	10	100/-
15.	Dr. K. Sufatha Lect in Telugu 6301787798	10kg	10	100/-
16.	D. Srinivasulu 7781813933	5kg	10	50/-
17.	D. Indrija 9346174217 9849123603	10 kg	10	100/-
18.	Srinivasulu. 2050322800	20kg	10	200/-
19.	E. Srinivasulu 6303862613	10kg	10	100/-

20.	A. R. Chenna (Guest Lecturer in Statistics) 6380001510, BTDC Kumbhukura	10 kg	10	100
21.	SK Jaiswar 9848454567	10 kg	10	100
22.	T. S. S. S. 7799430139	10 kg	10	100
23.	G. VAJRESWARARAO 9701805612	10 kg	10	100
24.	V.V. KRISHNASARMA 9949614960	10 kg	10	100/-
25.	Dr. K. J. Philip 9492681453	10 kg	10	100/-
26.	I. Sarda mohana Rao 9703185504	10 kg	10	100/-
27.	U. Adishesu (9247803128)	10 kg	10	100/-
28.	D. Jewan (7702471364)	10 kg	10	100/-
29.	S. Hanant (9032488827)	10 kg	10	100/-
30.	M. Ramana (7569515226)	10 kg	10	100/-

T.R.R GOVT DEGREE COLLEGE, KANDUKUR

DEPARTMENT OF ZOOLOGY

2021-2022

S.NO	Consumer name	Quantity	Price per Kg	Total amount Rs	Signature
1.	Department of Botany (for Garden Plants)	190kg	10Rs	1900/-	
2.	S. Venkateswarlu	95kg	10Rs	950/-	Sreedhar
3.	A. Maheswari	25kg	10Rs	250/-	A. Maheswari
4.	A. Rajagopal	20kg	10Rs	200/-	
5.	Dr. K.V. PADMAVATHI	25kg	Rs 10	250/-	Dr. K.V. Padmavathi
6.	M. Raghukedaram	10kg	10Rs	100/-	M. Raghukedaram
7.	J. Hanumanth Rao	20kg	10Rs	200/-	
8.	K. Mahakandiah	25kg	10Rs	250/-	K. Mahakandiah
9.	D. Ramanjineyulu	15kg	10Rs	150/-	D. Ramanjineyulu
10.	T. Harish Babu	5kg	10Rs	50/-	T. Harish Babu
11.	G. Brahmanand	5kg	10Rs	50/-	G. Brahmanand
12.	K. Sreenivasulu	10kg	10Rs	100/-	K. Sreenivasulu
13.	A. Acharya	5kg	10Rs	50/-	A. Acharya

14.	N. V. Srikhar	20kg	10Rs	200/-	NR
15.	Dr. Ch. Srinivas Rao	10kg	10Rs	100/-	Dr. Ch. Srinivas Rao
16.	D. Jewari	5kg	10Rs	50/-	D. Jewari
17.	Dr. Yedukondali. Narayana	10kg	10Rs	200/-	Dr. Yedukondali. Narayana
18.	Dr. Ch. Sankar Rao	15kg	10Rs	150/-	Dr. Ch. Sankar Rao
19.	J. Ulyes	25kg	10Rs	250/-	J. Ulyes
20.	SK. Balha	10kg	10Rs	100/-	SK. Balha
21.	Taheda	5kg	10Rs	50/-	Taheda
22.	B. Madhavi	10kg	10Rs	100/-	B. Madhavi
23.	M. Ramana.	5kg	10Rs	50/-	M. Ramana.
24.	T. G. S. S. S.	12kg	10Rs	120/-	T. G. S. S. S.
25.	S. Hanant	10kg	10Rs	100/-	S. Hanant
26.	Ch. Yaju Babu	5kg	10Rs	50/-	Ch. Yaju Babu
27.	E. Sai Hemant	10kg	10Rs	100/-	E. Sai Hemant
28.	B. Sireesha	5kg	10Rs	50/-	B. Sireesha


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[Sub: GREEN PROTOCOL AND BAN ON PLASTICS]

This is to bring to the notice of the students and staff of this college that the College has adopted Green Policy and hence it is mandatory to follow the following Green Protocols as a part of Green Policy.

- ❖ Reduce the use of plastic and paper in the college
- ❖ Use only steel/glass cups and containers instead of those made of paper and plastic.
- ❖ Avoid the use of all kinds of disposables
- ❖ 'Use and throw' carry bags are strictly prohibited in the campus
- ❖ Staff and students must use cloth bags in stead of plastic carry bags.
- ❖ Always use cloth banners instead of flexies.
- ❖ Green gifts only to the invited guests in Events and Functions.
- ❖ Segregate biodegradable and non-biodegradable waste for better management
- ❖ All the departments, office and laboratories should be zero waste zones.


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