



GREEN AUDIT REPORT

As per the proceedings of the commissioner of collegiate Education, Hyderabad, Telangana to Audit the campus internally on various Aspects, An Internal Green Audit committee is constituted.

Internal Green Audit committee

| | |
|--|-------------------------|
| 1. Dr. Y. Chinnappaiah, <i>Principal, GDC Paloncha</i> | Chairman |
| 2. Dr. J.Madhavi, <i>Principal(FAC), SR GDC Kothgudem</i> | Special Invitee |
| 3. Smt N.Sridevi, <i>Lecturer in Zoology</i> | Coordinator |
| 4. Sri. Ch. Srinivasa Rao, <i>FRO, Chandrugonda</i> | Special Invitee Members |
| 5. Sri. G.Mariyanna, <i>District Horticultural Officer</i> | Special Invitee Members |
| 6. Dr. A. Venkatewarlu, <i>Associate Professor of Economics</i> | Member |
| 7. Dr. M. Poorna Chandar Rao, <i>Assistant Professor of Botany</i> | Member |
| 8. Smt. K.Vanaja, <i>Assistant Professor of Chemistry</i> | Member |
| 9. Sri S.Rambabu, <i>Assistant Professor of Physics</i> | Member |
| 10.P.Vijay Kumar, <i>Assistant Professor of Library Sciences</i> | Member |

BACKGROUND OF THE INSTITUTION:

This institution is established in 1991 in Tribal Location Paloncha. The college has 15 acres of land. It has two building blocks of two floors each. In total there are 12 class rooms, 5 laboratories, 1 Seminar Hall, 2 Library rooms, 3 general & 1 women staff rooms with attached washrooms, 4 Digital Class Rooms, 1 Virtual class room and 3 blocks of Toilets for students.

This college is following some of the eco friendly & Energy efficient practices to conserve consumption water, energy and best waste management.

For the air and Environment balancing, this college is maintaining well organized Green garden with variety of plants including botanical garden. Each plant is maintained with QR Code system to available the data and features of the plant to the students.

Campus Area: 15 Acres
Built up Area: 28000 SFT

GDC PALONCHA – INTERNAL GREEN AUDIT REPORT

| | |
|---------------------|--|
| Objectives : | GREEN, WATER, WASTE, CARBON Management analysis and internal audit in the campus |
| Prepared by: | Internal college audit committee |

| | |
|--|---|
| Approved by: | Internal Audit Committee of the college |
| Remarks : | |
| FORMS AND SUPPORT MATERIAL | |
| Questionnaire Document ref. name/no.: | A separate Questionnaire is used for each criteria |
| Checklist for Environmental Audit Document ref. name/no.: | |
| Additional forms and support material: | <ol style="list-style-type: none"> 1. Water analysis report by Soil Testing Laboratory, Khammam, Department of Agriculture, Government of Telangana. 2. Soil Test report by Soil Testing Laboratory, Khammam, Department of Agriculture, and Government of Telangana. |

**Water analysis report by Soil Testing Laboratory, Khammam,
Department of Agriculture, Government of Telangana.**

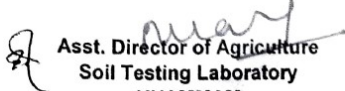


DEPARTMENT OF AGRICULTURE
SOIL TESTING LABORATORY, KHAMMAM
IRRIGATION WATER ANALYSIS REPORT

Sl.No. TSKMMWS: 0258

| | | |
|----------------------------------|---|--|
| Name of the Farmer | : | Principal GDC |
| Village | : | Paloncha |
| Mandal | : | Paloncha |
| Sy.No. | : | NA |
| PH | : | 7.37 |
| E.C | : | 1.14 లవణ పరిమాణం అధికం |
| Carbonates (CO ₃) | : | 0.79 |
| Bicarbonates (HCO ₃) | : | 0.82 |
| Chlorides (Cl ₂) | : | 0.30 |
| Sulphates (SO ₄) | : | 0.22 |
| Calcium + Magnesium (Ca+Mg) | : | 0.41 |
| Sodium + Potassium (Na +K) | : | -0.08 |
| Residual Sodium Carbonate (RSC) | : | 1.20 |
| Sodium Adsorption Ratio (SAR) | : | -0.18 |
| Irrigation Water Class | : | C3 S1 |
| REMARKS | : | <p>లవణ పరిమాణం అత్యధికం, సోడియం పరిమాణం మధ్యమం : సాధారణ పరిస్థితులలో ఈ నీరు సాగుకు అనుకూలం కాదు. మధ్య రకమైన బరువైన భూములకు ఈ నీరు విధిలేని పరిస్థితులలో వాడినచో భూములు పాల చౌడుబారును. మురుగు పంటలను ఇతోధికంగా ఎర్రాట్లున్న తేలికపాటి ఇసుక నేలలకు ఈ నీరు చినయొగించవచ్చును. కానీ నీటి తడులు ఎక్కువగా వేసి చౌడులోని లవణములు కరిగించి మురుగును పంపివేయవలెను. చౌడు లక్షణములను తట్టుకొను పంటలను అనగా రాగి, వరి మాత్రమే సాగుచేయవలెను. సాధారణ పరిస్థితులలో ఈ నీరు వ్యవసాయ యోగ్యము కాదు.</p> |


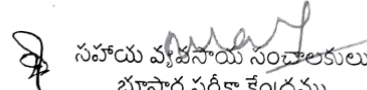
30-10-2021
Place: Khammam


Asst. Director of Agriculture
Soil Testing Laboratory
KHAMMAM

గమనిక: పరీక్ష ఫలితాలు కేవలం వ్యవసాయ అవసరాల కోసం ఉద్దేశించిన నీటి కోసమే కానీ తాగునీటి అవసరాల కోసం మాత్ర

Soil Test report by Soil Testing Laboratory, Khammam, Department of Agriculture, Government of Telangana.

Soil Health Card

| | | | | | |
|--|----------------------------|----------------------------|--------------------------|-------------------------|------------|
|  <p>సాయిల్ హెల్త్ కార్డు భూసార పరీక్షా వివరాలు / సిఫారసు చేయబడిన ఎరువులు) వ్యవసాయ శాఖ, తెలంగాణ</p> | | | | | |
| భూసార పరీక్షా కేంద్రము | STL,KHAMMAM | నమూనా సంఖ్య | KMM/2021-22 | తేదీ | 30-10-2021 |
| లైతు పేరు | Principal GDC, Paloncha | తండరి పేరు | NA | సర్వే సంఖ్య | NA |
| మొబైల్ నంబరు | 9908222961 | గ్రామము | Paloncha | మండలము | Paloncha |
| వేయవలసిన పైర్లు | Plantation | ఋతువు | గ్రీష్మ ఋతువు/వేసవి | పథకం | ప్రైవేట్ |
| జిల్లా | Bhadradri Kothaguda | సాగు స్థితి | నమూనా సంఖ్య | TSKMKSS | 0481 |
| ఆ | | | | | |
| 1. నేల రంగు | RED | | | | |
| 2. నేల స్వభావము | SCL | మధ్యరకపు నేలు | | | |
| 3. ఉదజని సూచిక (పి. హెచ్) | 7.91 | మధ్య క్షార నేలు | | | |
| 4. లవణ సూచిక (ఈ.సి) | 0.20 | తటస్థం | | | |
| అ భూమిలో పోషకాల లభ్యత | | | | | |
| సేంద్రియ కర్బనము (ఓ.సి) | స్థూల పోషకాలు | | | | |
| | లభ్య నత్రజని కి.గ్రా/ఎకరా | లభ్య భాస్వరము కి.గ్రా/ఎకరా | లభ్య పోటాష్ కి.గ్రా/ఎకరా | | |
| మధ్యమము | 113.00 | 16.00 | 42.00 | | |
| | మధ్యమము | మ.వ్య.మము | అల్పము | | |
| ఇ. సిఫారసు చేయబడిన స్థూల పోషక పదార్థాలు (కి/ఎకరా) | | | | | |
| నత్రజని(ఎన్) కి.గ్రా/ఎకరా | | భాస్వరము(పి) కి.గ్రా/ఎకరా | | పోటాష్(కె) కి.గ్రా/ఎకరా | |
| | | | | | |
| ఈ. పైరుకు అవసరమైన పోషక పదార్థాలు | | | | | |
| i. ఎరువులు | | | | | |
| పశువుల ఎరువు ట/ఎకరా | | | | | |
| యూరియా కి.గ్రా/ఎకరా | | | | | |
| సింగిల్ సూపర్ ఫాస్ఫేట్ కి.గ్రా/ఎకరా | | | | | |
| మ్యూరేట్ అఫ్ పోటాష్ కి.గ్రా/ఎకరా | | | | | |
| 5 | | | | | |
| క్షార నేలలు : జప్తం కి.గ్రా/ఎకరా | | 0 | | | |
| ఆమ్ల నేలలు : కార్బోనైట్ కి.గ్రా/ఎకరా | | 0.00 | | | |
|  సహాయ వ్యవసాయ సంచాలకులు భూసార పరీక్షా కేంద్రము | | | | | |
| గమనిక: భూసార పరీక్షా ఫలితాల ఖచ్చితత్వం వ్యవసాయ భూములకు మాత్రమే వర్తించును ఖమ్మం | | | | | |

STL, Khammam--

Waste Management



HPXC+PJX, Palwancha, Telangana 507115, India

Palwancha
Telangana
India

28°C
82°F

2021-11-01(Mon) 10:37(am)

A weather widget showing a map of the location and weather details. The map shows the location of HPXC+PJX, Palwancha, Telangana, India. The weather is 28°C (82°F) on Monday, 2021-11-01 at 10:37 am.

SH 12, Palwancha, Telangana 507115, India

Palwancha
Telangana
India

29°C
84°F

2021-11-01(Mon) 11:06(am)

A weather widget showing a map of the location and weather details. The map shows the location of SH 12, Palwancha, Telangana, India. The weather is 29°C (84°F) on Monday, 2021-11-01 at 11:06 am.

AUDITING FOR CARBON FOOTPRINT

| | | |
|----------------------------|--|---|
| S · N o | What is the total strength of students and teachers in your College? | Students = 605 Staff = 26 |
| 1 | No. of Students No. of Teachers No. of Non-teaching staff Gents Ladies Total | 631 |
| 2 | Total Number of vehicles used by the stakeholders of the college. (per day) | 85 |
| 3 | No. of cycles used | 50 |
| 4 | No. of two wheelers used (average distance travelled and quantity of fuel and amount used per day) | 30, 5km & 5 litres |
| 5 | No. of cars used (average distance travelled and quantity of fuel and amount used per d | 5, 20km, 5litres |
| 6 | No. persons using common (public) transportation (average distance travelled and quantity of fuel and amount used per day) | 200, 20km, RS. 3000/- |
| 7 | No. of persons using college conveyance by the students, non-teaching staff and teachers (average distance travelled and quantity of fuel and amount used per day) | 300, 2km, Rs.0/- |
| 8 | Number of parent- teacher meetings in a year? Parents turned up (approx.) Number of visitors with vehicles per day? | 02, 05 |
| 9 | Number of generators used per day (hours). Give the amount of fuel used per day. | NIL |
| 10 | Number of LPG cylinders used in the canteen (Give the amount of fuel used per day and amount spent) | NIL |
| 11 | Quantity of kerosene used in the canteen/labs (Give the amount of fuel used per day and amount spent). | NIL |

| | | |
|--------|---|-------------------|
| 1 2 | Amount of taxi/auto charges paid and the amount of fuel used per month for the transportation of vegetables and other materials to canteen. | NIL |
| 1 3 | Amount of taxi/auto charges paid per month for the transportation of office goods to the college | Rs. 200/- |
| 1 4 | Average amount of taxi/auto charges paid per month by the stakeholders of the college. | RS. 5000/- |

Carbon Footprint

1. Petrol used by two wheelers/day- 5 L; 5x85 = Rs. 425/day
2. Fuel used by four wheelers - 5 L; 5x90 = Rs. 450/day
3. Total fuel cost per day by own transportation of stake holders
= Rs. 875/-
4. Total fuel cost per day by Public transportation of stake holders
= Rs. 3000/-
5. Cost of stakeholder transportation per month
= Rs. 3875x22
= Rs. 85,250.00

WATER MANAGEMENT REPORT

Based on the Questionnaire, Water analysis report and Soil test report, the water resources available in the college are not suitable for drinking water. For the conservation of water, 4 Rain water pits are constructed in the campus. It results the increase of ground water levels. College is established with one RO plant for purification of drinking water, the waste water from the RO plant is utilized in the cultivation of Banana plants and other vegetable fields cultivated in the campus. To reduce the water wastage, all the exit points of the water at washrooms, toilets, laboratories and in the garden are fitted with proper taps. Awareness about water saving is created among the students.

WATER MANAGEMENT REPORT

Based on the Questionnaire, all the class rooms, staff & office rooms and other rooms in the college arranged dustbins. Four large plastic dust bins for dry and wet waste are fitted in the college. Another cement pit rings are constructed for Garden and weed waste in the Garden. All other waste producing in the college is collected regularly by the authorities of Grampanchayat, Lamidevipalli.

CARBON FOOTPRINT MANAGEMENT REPORT

Based on the Questionnaire, Data analysis all the stake holders are advised to use E bikes and scooters & Bicycles. Stake holders residing around the college are advised to come by foot.