

V.S.R. Government Degree & P.G. College

NAAC Reaccredited with a CGPA of 3.01 score at 'A' Grade

(Affiliated to Krishna University)

Dr. S. Madhavi
M.Sc, B.Ed., Ph.D.
PRINCIPAL



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7.1.2 The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and non degradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

1. Alternate sources of energy and energy conservation measures

V.S.R Government Degree & PG College in Movva has established an Alternative Energy Sources program designed to implement and utilize renewable energy sources in a systematic manner, with the aim of minimizing their environmental impact. This initiative provides students with opportunities to actively participate in initiatives aimed at contributing to environmental protection.

Solar Energy - Solar energy comprises radiant light and heat from the Sun, harnessed through various technologies such as solar power for electricity generation, solar thermal energy for processes like water heating, and solar desalination. As a crucial renewable energy source, solar technologies are broadly categorized as passive solar or active solar, depending on their methods of capturing, distributing, or converting solar energy into power. The abundant availability of solar energy makes it an exceptionally attractive source for electricity. However, the practical utilization of solar energy by humans is influenced by factors like geography, time variations, cloud cover, and available

land. A rooftop solar power system, or rooftop PV system, is a photovoltaic (PV) system with solar panels installed on the rooftop of residential or commercial buildings for electricity generation.

Over the last few decades, solar energy has emerged as one of the most efficient among the inexhaustible and renewable energy sources. Solar panels capture energy that can be employed for diverse purposes.

The college has undertaken various initiatives to harness solar energy effectively, leveraging its distinctive infrastructure. This includes the installation of On-grid solar rooftop panels capable of producing an average solar energy output of 20 kW. The institution employs this solar energy technology, and to promote the use of renewable energy, awareness programs are organized among the faculty and student community.

Adoption of LED Bulbs

Power-Efficient Equipment - LED bulbs, packed with the necessary energy, can consume up to 90% less power than traditional incandescent light bulbs, showcasing remarkable efficiency. Throughout the college, LED bulbs are strategically utilized to ensure adequate lighting. In street lights and various areas across the campus, CFL fittings with higher wattage ratings have been substituted with LED fittings possessing lower wattage but maintaining the same luminous output. Moreover, the campus incorporates Energy Star certified products, including air conditioners and other appliances, contributing to enhanced energy efficiency.





Movva, Andhra Pradesh, India
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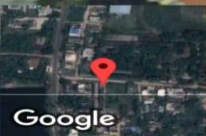
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WINDSTREAM ENERGY TECHNOLOGIES INDIA PVT. LTD.
312 Kubera Towers Narayanaguda, Hyderabad Telangana State 500 029,

GSTIN: 36AABCW4607K1Z6

TAX INVOICE

| | |
|---------------------------|--|
| Original for Buyer | |
| Duplicate for Transporter | |
| Triplicate | |
| Extra Copy | |

Buyer / Billing Address

Name: Vemuri Sundara Ramaiah Government Degree & P G College
Address:
The Principal,
VSR Govt. Degree & PG College,
Movva, Krishna, Andhra Pradesh-521135.
Contact Person:Dr.V.R.Jyotsna Kumari
Contact Ph No: 9948121714

GST NO:Nil
State: Andhra Pradesh
State Code: Nil

Invoice No: :033/17-18
Date Of Issue: 14/09/2017
Place Of Supply: Hyderabad
State: Telengana

Consignee / Shipping Address:

Name: Vemuri Sundara Ramaiah Government Degree & P G College
Address:
The Principal,
VSR Govt. Degree & PG College,
Movva, Krishna, Andhra Pradesh-521135.
Contact Person Dr.V.R.Jyotsna Kumari
Contact Ph No: 9948121714

GST NO: Nil
State: Andhra Pradesh
State Code: Nil

State Code: TS
Mode of Transport: By Road
Vehicle No: AP 24 TB 3059
Transporter Name: Y R EXPRESS LOGISTICS

| S No: | Description of Product | HSN Code | UoM | Qty | Rate | Amount | Disc | Taxable Amount | CGST | | SGST | | IGST | | Total Amount |
|-------|---|----------|-------|-----|---------|---------|------|----------------|------|--------|------|--------|------|--------|--------------|
| | | | | | | | | | Rate | Amount | Rate | Amount | Rate | Amount | |
| 1 | RENEWABLE ENERGY DEVICES AND PARTS: Renewable Energy 20 KW On Grid System | 84128030 | Nos's | 1 | 1604762 | 1604762 | 0% | 1604762 | 0% | 0 | 0% | 0 | 5% | 80238 | 1685000 |
| | freight | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 |
| | Insurance | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | miscellaneous | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total | | | | 0 | 0 | 0 | 1604762 | 0 | 0 | 0 | 0 | 0 | 80238 | 1685000 |

Total Amount in Words: Rupees Sixteen Lakhs Eighty Five Thousand only
Total Taxable Amount: 1604762
Total IGST: 80238
Invoice Total: 1685000

Bank Details:

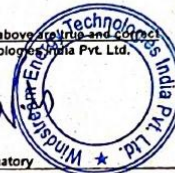
Name: WindStream Energy Technologies India Pvt Ltd
A/c no: 007605004209
Bank: ICICI Bank details
Branch: Jubilee hills, Hyderabad
IFSC Code: ICIC0000076

Terms and Conditions / Notice to the Customer

- 1) No claim recognized unless reported in writing to company with 7 days from date of receipt of goods or before the installation.
- 2) Dispute's if any will be subjected to seller court jurisdiction only
- 3) The price offered is inclusive of all taxes.
- 4) The price is inclusive of standard Roof-Top Panel Mounting, If Structure Customized structure will be charged extra as per site requirements.
- 5) Payment Terms: 80% Payment along with PO and 20% payment after Installation & Commissioning.
- 6) Delivery: 45 days (working days) from the date of receipt of PO and after giving the advance.

Certified that the particulars given above are true and correct for WindStream Energy Technologies India Pvt. Ltd.

[Signature]
Authorized Signatory



Address

Regd Office: 312 Kubera Towers Narayanaguda, Hyderabad Telangana State 500 029,
Corporate Office: G2, SSH Pride, Plot No. 273, Road No. 78, Jubilee Hills, Hyderabad-500 096, Phone No: 040 23548779
Factory: 26/A, Hardware Park, Kanchari Imlarath, Raviryal Village, Maheswaram Mandal, R R Dist., Telangana State- 500 005
www.windstream-inc.com

V.R. Jyotsna



Date: 29-01-2018

Government of Andhra Pradesh
GER 19-A

Form of Utilization Certificate

V.R. Jyotsna
PRINCIPAL
S. No. 135

| No. | Cheque No. & Date | Title of the work | Amount paid (Rs.) |
|-----------|------------------------|-------------------|-------------------|
| 1 | RTGS , dtd: 16-08-2017 | Solar Panel | 13,48,000 |
| 2 | 303233, dt: 11-01-2018 | - Do - | 3,36,942 |
| Total Rs. | | | 16,84,942 |

It is certified that the amount of Rs. 16,84,942/- (Rupees Sixteen lakhs Eighty Four Thousand Nine Hundred Forty Two Only) was utilized towards installing of solar panel at Government Degree College VSR GD & PG College, Movva, Krishna executed by the Windstream Energy Technologies India Pvt. Ltd., Hyderabad vide the letter from the State Project Director, RUSA, O/o Commissioner of Collegiate Education, AP, Vijayawada, dt: 23-11-2017 and the said amount was utilized for the purpose of installing solar panel for which it was sanctioned and in accordance with the terms and conditions as laid down by the RUSA.



Windstream Energy Technologies
India Pvt. Ltd,
Hyderabad
K. Syama Sundara Rao

Signature : 1) Principal
(Dr.V.R.Jyotsna Kumari)

2) RUSA Coordinator
(Mr.S. Jagan Mohan Rao)

Date:
Seal:

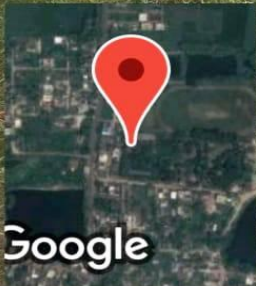
2. Management of the various types of degradable and non degradable waste

1) Solid Waste Management: -

Waste pollution is not only visually displeasing but also leads to the accumulation of a significant amount of litter. Solid wastes, which pose potential health hazards, can be classified into three main categories: Biodegradable, Non-Biodegradable, and Hazardous Waste. Biodegradable waste encompasses items such as food waste, canteen waste, and waste from toilets. Non-Biodegradable waste consists of materials like plastic, tin, glass, and bottles. Hazardous waste includes substances that can pose a threat to environmental health, such as cleaning chemicals and various laboratory-related products.

At V.S.R Government Degree & PG College, Movva, every department generates waste, which is then deposited in small waste bins within the respective departments. The biodegradable waste is efficiently converted into fertilizer through composting within the college campus.



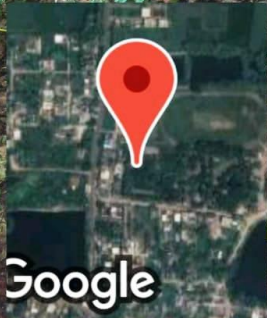


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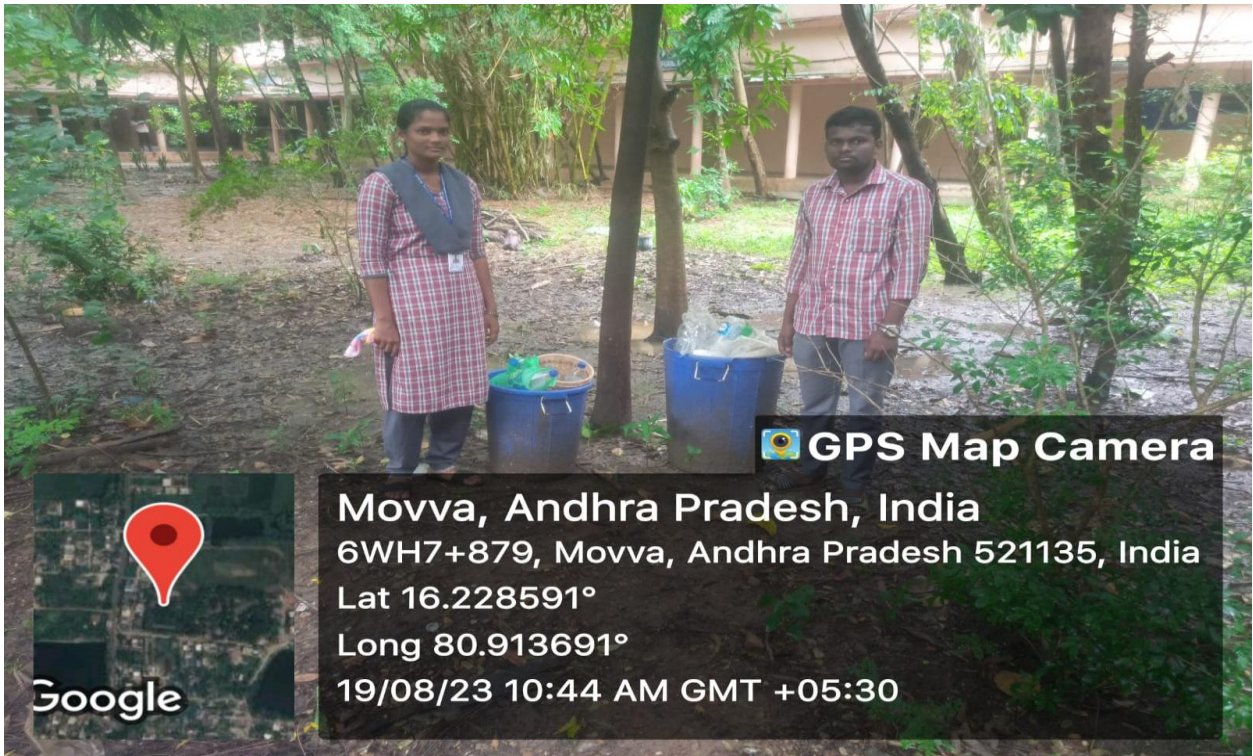
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 GPS Map Camera



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Long 80.91361°
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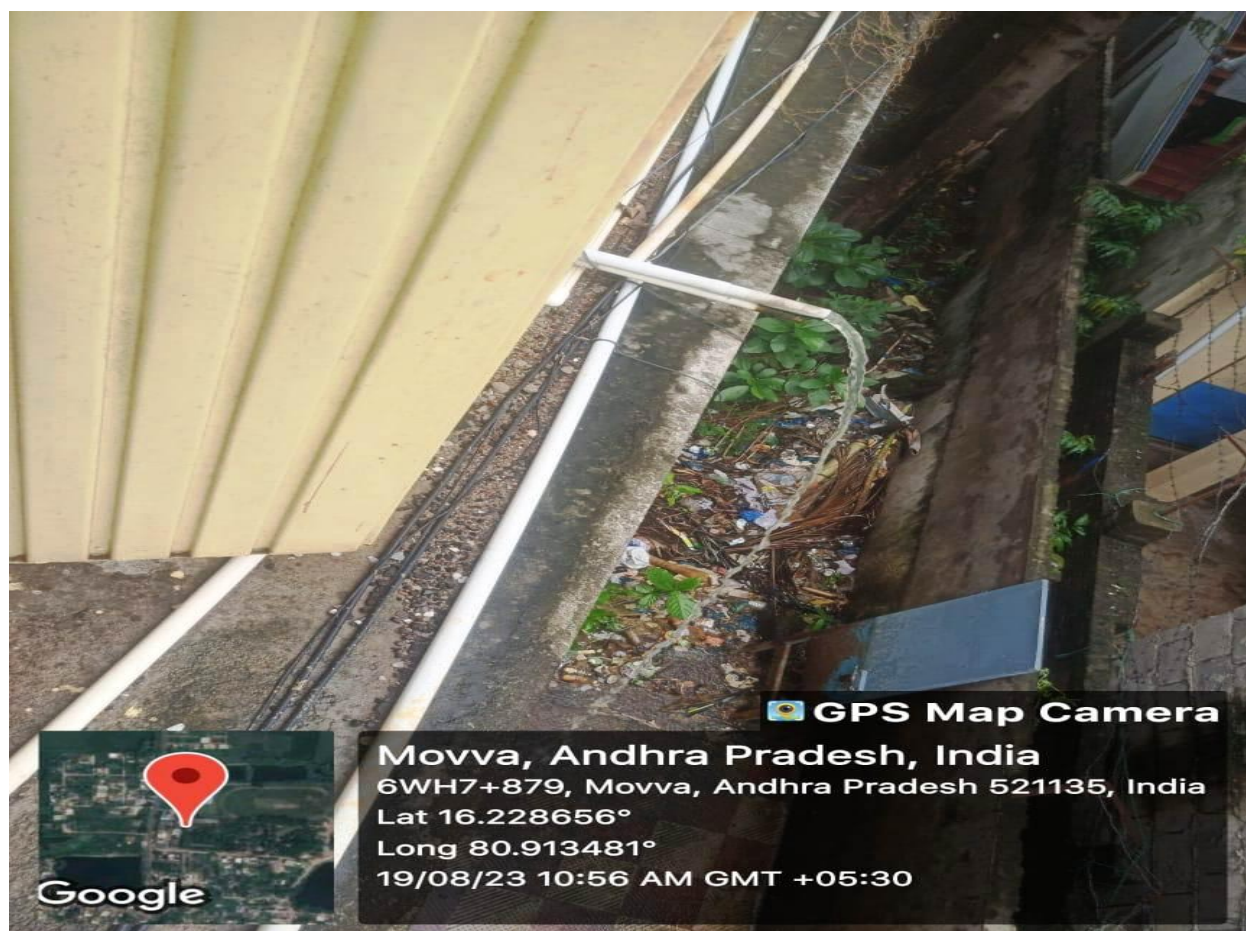


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2) Liquid Waste Management: -

Liquid wastes are primarily discharged to enhance the groundwater quality. These liquid by-products originate from science laboratories such as Chemistry, Botany, Zoology, and the canteen. The college produces two main categories of liquid waste:

- a) Sewage Waste
- b) Laboratory and Canteen effluent.



3) E-Waste Management: -

V.S.R Government Degree & PG College has implemented a highly effective system for the disposal of E-waste originating from diverse sources. The E-waste is generated in the Computer Lab, Science laboratories, and academic and administrative offices. This includes malfunctioning or outdated items such as lab instruments, circuits, desktops, laptops and accessories, printers, charging and network cables, Wi-Fi devices, sound systems, display units, UPS, Biometric Machines, Scientific Instruments, etc. Every effort is made to maximize the utilization of these wastes. Equipment that cannot be reused or recycled is carefully stored for future disposal.



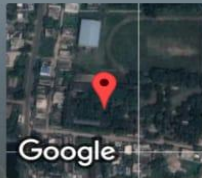
3. Water conservation

The objective of this policy is to reduce water wastage and promote water conservation. We endeavor to adhere to the guidelines set forth in the National Water Policy on campus through the implementation of water conservation measures.

On campus, water conservation primarily revolves around rainwater harvesting, where rainwater is collected and channeled into pond during the rainy season for percolation. The campus maintains bore wells to fulfill its water needs, implementing measures to groundwater recharging to ensure sustainable usage.

The promotion of water conservation is actively pursued through initiatives such as tree planting, green campus activities, and the organization of seminars and workshops. To further reduce water wastage, the campus emphasizes the practice of reusing and recycling water, with recycled water from RO water plant specifically employed for irrigating plants within the premises.

Additionally, the campus extends its efforts beyond its borders by organizing outreach activities aimed at raising awareness and educating the local community about the significance of water conservation and the various methods available for its preservation.



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4. Green campus initiatives

Our college implements clean and Green Campus Policy.

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Website : www.gdcmovva.com

Clean and Green Campus Policy

A Clean & Green Campus represents the convergence of environmentally friendly practices and education to foster sustainability and eco-conscious behaviors within the campus community. Embracing the green campus concept empowers an institution to spearhead the transformation of its environmental ethos, forging innovative approaches that address the ecological, social, and economic requirements of humanity through sustainable solutions.

Mission

Foster an eco-aware mindset within society and engage proactively in initiatives aimed at shielding our planet from reckless human encroachments, striving for a future marked by sustainability, cleanliness, and well-being.

Objectives

1. To raise awareness among students and staff about the need to reduce the use of polluting products and encourage the adoption of environmentally friendly alternatives.
2. To emphasize the significance of cleanliness in maintaining a healthy lifestyle.
3. To promote awareness of environmental issues through various activities such as events, rallies, awareness campaigns, cleanliness drives, seminars, workshops, presentations, tree plantation drives, rangoli competitions, essay competitions, excursions, study tours, guest lectures, talks, etc.
4. To educate students and staff about the importance of speaking out against harmful practices that damage the environment and to advocate for environmentally friendly practices within society.

Initiatives Taken to Implement the Clean and Green Campus Policy

- Landscaping Featuring Trees and Plants:
- Implementation of a Single-Use Plastic Ban
- Establishment of a 20 Kv Solar Plant on College Grounds
- Adoption of LED Bulbs/Tubes and Power-Efficient Equipment
- Implementation of Rainwater Harvesting Initiatives
- Transition to a Paperless Office and Communication System
- Implementation of an Effective Solid Waste Management System
- Placement of Display Boards to Promote Environmental Sensibility on College Campus
- Observance of Special Days to Promote and Nurture the Environment
- Conducting Green, Environmental, and Energy Audits




Principal.
PRINCIPAL
VSR GOVT. DEGREE & PG. COLLEGE
MOVVA





Our college observes no vehicle day to reduce pollution.

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23-01-2023

NOTICE

All the students are hereby informed that the college is organizing "NO VEHICLE DAY" on 27-01-2023, 28-01-2023. No vehicles will be allowed in the campus during these days. All the students and staff must take a note of the same and contribute towards the social initiative.

Note: Only bicycles will be allowed in the campus on no vehicle days.




Principal
PRINCIPAL
VSR GOVT. DEGREE & PG. COLLEGE
MOVVA



5. Disabled-friendly, barrier free environment

Ramps

The institution is committed to ensuring inclusivity and accessibility for all members of the community, particularly those with disabilities. To achieve this, comprehensive ramp facilities have been implemented throughout the campus, providing disabled individuals with easy access to various locations. These ramps, seamlessly integrated into the architecture of all campus buildings, are not just a practical necessity but a testament to our dedication to creating a welcoming environment for everyone.

The reduced inclination of these ramps is a deliberate design choice, prioritizing the safety and ease of movement for wheelchair users. Careful attention has been given to meeting specific specifications required by disabled persons, considering factors such as slope, width, and overall design to ensure optimal functionality and user-friendliness.

Beyond the ramps themselves, the corridors within our buildings have been intentionally designed to be wide enough to effortlessly accommodate wheelchairs. Recognizing the wheelchair as one of the most essential mobility devices for individuals with disabilities, we strive to make every part of our campus seamlessly accessible.

Moreover, the institution provides wheelchairs with ample seating space, recognizing that comfort and usability are paramount. Whether a user opts for independent operation or seeks assistance, our wheelchairs are designed to meet diverse needs. As part of our commitment to accessibility, these wheelchairs are strategically placed near ramps based on the specific requirements of the campus layout, ensuring that they are readily available where needed.

This holistic approach to accessibility goes beyond mere compliance with standards; it reflects our ethos of creating an inclusive and supportive environment for all members of the community. By addressing the unique needs of individuals with disabilities, we aim to foster a campus atmosphere where everyone can thrive and participate fully in academic and social activities.



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20/1/23
Date

V.S.R. Degree College Movva-521 135
Krishna District

[Signature]
PRINCIPAL
V.S.R. Govt. Degree & P.G. C
Movva - 521 135, Krishna D