



GAYATRI VIDYA PARISHAD
COLLEGE OF ENGINEERING FOR WOMEN (AUTONOMOUS)

Madhurawada :: Visakhapatnam – 530 048

(Approved by AICTE, New Delhi and Affiliated to Andhra University)

Accredited by NAAC with “A” grade from 2022 to 2027

CSE, ECE and IT Courses Accredited by NBA (2019-2022) and Re-accredited by NBA (2022-2025)

EEE Course Accredited by NBA (2023-2026)

Criterion VII – Institutional Values and Best Practices

Metric No.	Key Indicator-7.1 Institutional Values and Social Responsibilities
	Environmental Consciousness and Sustainability
7.1.2 QnM	<p><i>The Institution has facilities for alternate sources of energy and energy conservation</i></p> <ol style="list-style-type: none"> 1. Solar energy 2. Biogas plant 3. Wheeling to the Grid 4. Sensor-based energy conservation 5. Use of LED bulbs/ power-efficient equipment <p>Options:</p> <p>A. Any 4 or All of the above B. Any 3 of the above C. Any 2 of the above D. Any 1 of the above E. None of the above</p> <p>File Description:</p> <ul style="list-style-type: none"> • Geo tagged Photographs • Any other relevant information <p>Note: Data template is not applicable to this metric.</p>

Geo Tagged Photos

Table of Contents

1.1 Solar Energy – Solar Power Generation System 1	2
1.2 Solar Energy – Solar Power Generation System 2	3
1.3 Solar Energy – Solar Power Generation System 3	4
1.4 Solar Energy – Solar Power Generation System 4	5
1.5 Solar Energy – Solar Panel	6
1.6 Solar Energy – Battery for Solar and wind plant	7
1.7 Wheeling to the Grid – Wind power generation system 1	8
1.8 Wheeling to the Grid – Wind power generation system 2	9
1.9 Wheeling to the Grid – Wind power generation system 3	11



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1.10 Wheeling to the Grid – Battery for Solar and Wind plant	11
1.11 Use of LED bulbs – LED bulbs near Principal room	12
1.12 Use of LED bulbs – LED bulbs Corridor 1.....	13
1.13 Use of LED bulbs – LED bulbs Corridor 2.....	14

1. Solar Energy

Solar energy is utilized on campus to promote sustainability and reduce electricity consumption. It supports eco-friendly and cost-effective energy management



1.1 Solar Energy – Solar Power Generation System 1



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1.2 Solar Energy – Solar Power Generation System 2



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1.3 Solar Energy – Solar Power Generation System 3



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1.4 Solar Energy – Solar Power Generation System 4



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1.5 Solar Energy – Solar Panel



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1.6 Solar Energy – Battery for Solar and wind plant

2. Wheeling to the Grid

Surplus solar power generated on campus is wheeled to the electricity grid. This supports efficient energy utilization and promotes sustainable power management.



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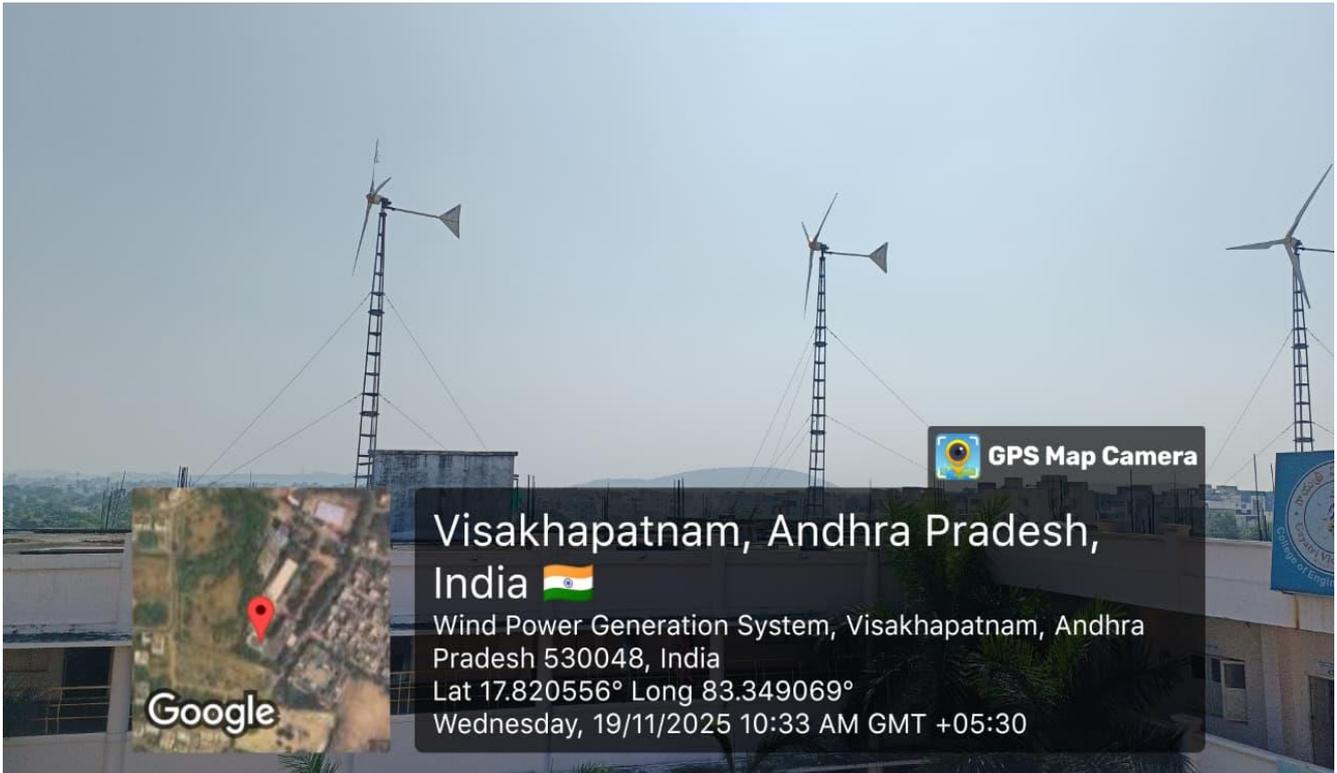
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1.7 Wheeling to the Grid – Wind power generation system 1



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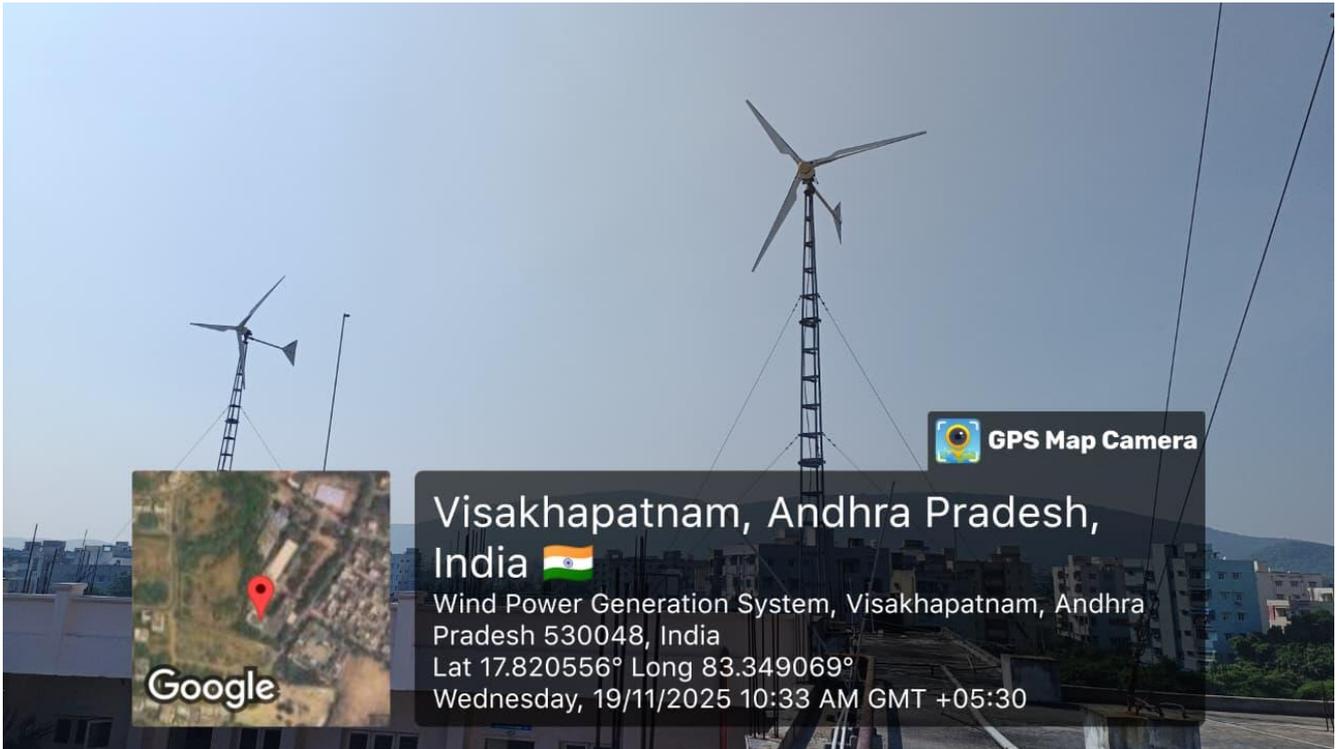
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1.8 Wheeling to the Grid – Wind power generation system 2



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1.9 Wheeling to the Grid – Wind power generation system 3



1.10 Wheeling to the Grid – Battery for Solar and Wind plant

3. Use of LED bulbs / power efficient equipment

LED bulbs and power-efficient equipment are used across the campus to reduce energy consumption. This promotes energy efficiency and environmental sustainability.



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1.11 Use of LED bulbs – LED bulbs near Principal room



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1.12 Use of LED bulbs – LED bulbs Corridor 1



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1.13 Use of LED bulbs – LED bulbs Corridor 2