



Institutional Facilities

Alternate sources of energy and energy conservation measures:

S.No	Name of the facility with location	Description	Links for geotagged photos and bills	Geotagged Photo
1.	Solar energy <i>Location:-</i> BLOCK- A,B,C,D,E,G,H	200 KW Roof top solar plant producing 24,000 units of electrical power generation per month on average. Contributing 80% supply to the demand of college. On holidays exporting to solar generation to grid (APSPDCL)).	view photo1	
			view photo2	
			View photo3	
			View Bills	
2.	Wheeling to the Grid <i>Location:-</i> Block-D	The college has 200 KW Roof top solar systems and the transportation of the electrical energy will be exported to grid and hence saving in energy.	view photo1	
			View Bills	
3.	Sensor-based energy	It is real time based timer which	View photo1 View bill	


	<p>conservation</p> <p><i>Location-G block</i></p>	<p>is used to control the college's street lights. The implementation of this automation circuit has discarded the need for a separate man power for street light operation at college campus with ON/OFF timings precisely set depends upon climatic seasons and the automated circuit is found to be operating satisfactorily. unnecessarily</p>		<p>Bhimavaram, Andhra Pradesh, India GGPC+25F, DNR University Campus, Sri Rama Puram, Balusumoodi, Bhimavaram, Andhra Pradesh 534202, India Lat 16.535359° Long 81.520311° 24/11/22 03:00 PM GMT +05:30</p>
4.	<p>Use of LED bulbs/ power efficient equipment</p> <p><i>Location:-Block-A,B,C,D,E,F,G,H</i></p>	<p>As a green initiative LED bulbs are installed in the campus to save electrical power consumption.</p>	<p>View photo1</p> <p>View photo2</p> <p>View Bills</p>	<p>Bhimavaram, Andhra Pradesh, India D.N.R College of engineering and technology, GGPC+6AX, DNR University Campus, Sri Rama Puram, Balusumoodi, Bhimavaram, Andhra Pradesh 534202, India Lat 16.535352° Long 81.520281° 29/10/22 12:03 PM GMT +05:30 Note: Captured by GPS Map Camera</p>


2. Management of the various types of degradable and no degradable waste

S.No	Name of the facility with location	Description	Links for geotagged photos and bills	Geotagged Photo
1.	Solid waste management:	All solid wastes are collected by designated personals from the bins placed at different locations	<p>View photo1</p> <p>View photo2</p>	

		<p>of the campus. The collected waste can be categorized as</p> <ul style="list-style-type: none"> • Degradable (papers, dust, leaves, twigs etc.) • Non degradable (plastic, glass bottles, food wrappers etc) <p>The collected degradable waste is burnt to form ash. The produced ash is used as fertilizer for farming. The Collected Non degradable waste is disposed to the dumping yards beyond the municipal rules, which shall be processed by municipal authorities</p>		
2.	E-waste management	<p>Being an institute of higher education the need for utilization of electronic and computing systems becomes mandatory. Thus it necessitates having an e-waste management system as most of the electronic goods become obsolete after a period of three to four years. The institute has tie up with vendor/suppliers of electronic items to buy back and upgrade as possible. The remaining e-waste is disposed through a certified vendor on periodical basis</p>	View Bills	



3. Water conservation facilities available in the Institution:



Name of the facility with location	Description	Links	Geotagged Photo
Rain Water	Rain water harvesting is the	View photo	

<p>harvesting Location :- Each block in our college</p>	<p>accumulation and storage of rain water for reuse purpose. Rain water harvesting pits are located at each block in our college. On the whole the rain water harvesting helped and accounted largely for raise of underground water level. As a result of this effort the institute ensures with sustainable water supply throughout the year</p>		
<p>Bore well/open well recharge Location :- Bore well in every block</p>	<p>Bore well / Open well recharge is very effective method of rain water harvesting. The bore wells on campus are used to replenish rainwater. Bore well recharge technique also makes sure the storage of naturally filtered rainwater. The water level rises when the bore wells are recharged.</p>	<p>View photo</p>	
<p>Constructions of tanks and bunds Location :- Near Entrance Gate Block-A</p>	<p>As the water crisis continues to become severe, there is a dire need of reform in water management system and revival of traditional systems. As a part of revival to traditional wisdom, in this institute we built one ground tank to collect and storage the rainwater for reuse on-site, rather than allowing it as run off</p>	<p>View photo</p>	
<p>Maintenance of water bodies and distribution system in the campus Location :- From R.O Plant to all Blocks in the campus</p>	<p>The ground water is pumped into storage tanks located at different places in the campus. There are four numbers of over head storage tanks and one Elevated Service Reservoir in the campus. The water is distributed through well laid pipe network. Drinking water after treating in RO plant is supplied through a separate set</p>	<p>View photo</p>	

	<p>of distribution pipes and water for all other purpose is supplied through another set of distribution pipes. Entire distribution system is well supervised by Civil works committee to ensure that there are no leakages and wastages of precious water through joints, valves etc. Waste usage of water is reduced using low pressure flushes. All the stakeholders of the college are well educated to use water economically and efficiently</p>		
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4. Green campus initiative

S.No	Name of the facility with location	Description	Links	Geotagged Photo
1.	<p>Restricted entry of auto mobiles Location :- Main Entrance gate in the campus</p>	<p>To prevent huge vehicles from accidentally entering the campus, our institution established a restriction on automobile admission. Our college has a group of buses to transport many students from different places within the city and in suburban areas. This initiative helps in reducing pollution and consumption of petrol.</p>	<p>View photo</p>	 <p>GPS Map Camera Bhimavaram, Andhra Pradesh, India GGP9+7X3, DNR University Campus, Sri Rama Puram, Balusumoodi, Bhimavaram, Andhra Pradesh 534202, India Lat 16.535592° Long 81.519694° 01/12/22 11:14 AM GMT +05:30</p>
2.	<p>Use of bicycles Location :- parking sheds in the campus</p>	<p>Some of the staff and students are utilizing bicycles those who are closer to the college for fuel reduction and for internal</p>	<p>View photo</p>	 <p>GPS Map Camera</p>

	back side	conveyance.		
3.	Ban use of plastic Location :- Every block in the campus	The main objective is to eliminate plastic in the campus.DNRCET energizes students and staff not to utilize plastic bags and plastic containers.	View photo	
4.	Landscaping with trees and plants Location :- Every block in the campus	The students are encouraged to maintain eco-friendly environment and participate in various programmes conducted by NSS Unit. NSS provide service in planting, watering the trees and plants. Trees have secured half of the college territory.	View photo	

5. The Institution has disabled-friendly, barrier free environment:

S.No	Name of the facility with location	Description	Links	Geotagged Photo

1.	Lift <i>Location:-</i> Block-A	College buildings have provision of lift for barrier free access for students, staff, visitors and differently abled people.	View photo	
			View bill	
2.	Disabled – friendly facilities	College provides disabled friendly facilities like wheel chair and construction of ramps in the campus.	View photo	
			View photo	
3.	Display boards <i>Location:-</i> At the entrance of every blocks and various important places in the campus	Display boards Signs must be clear, concise, and consistent. All travellers need clear information about the purpose and layout of stations to maintain a sense of direction and independent use of all facilities	View photo	 <p style="text-align: center;">Display boards</p>
4.	Provision for scribe	We will be provided the scribes for the students when ever required by taking prior approval.	View Report	