
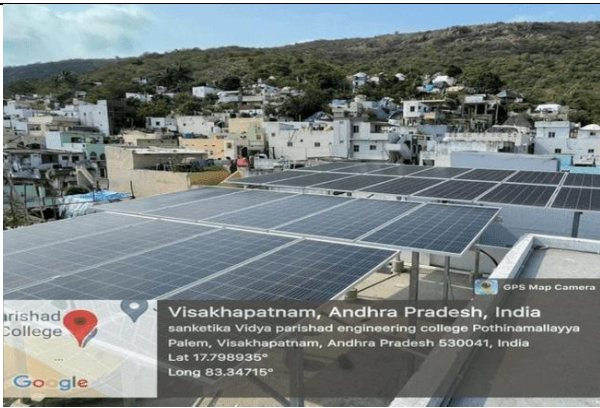
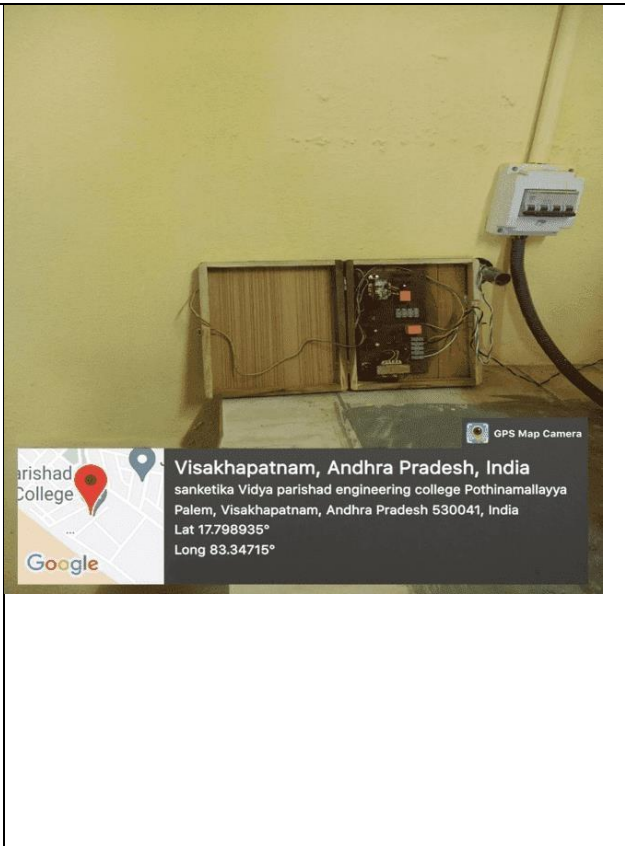




The Institution has Facilities and initiatives for

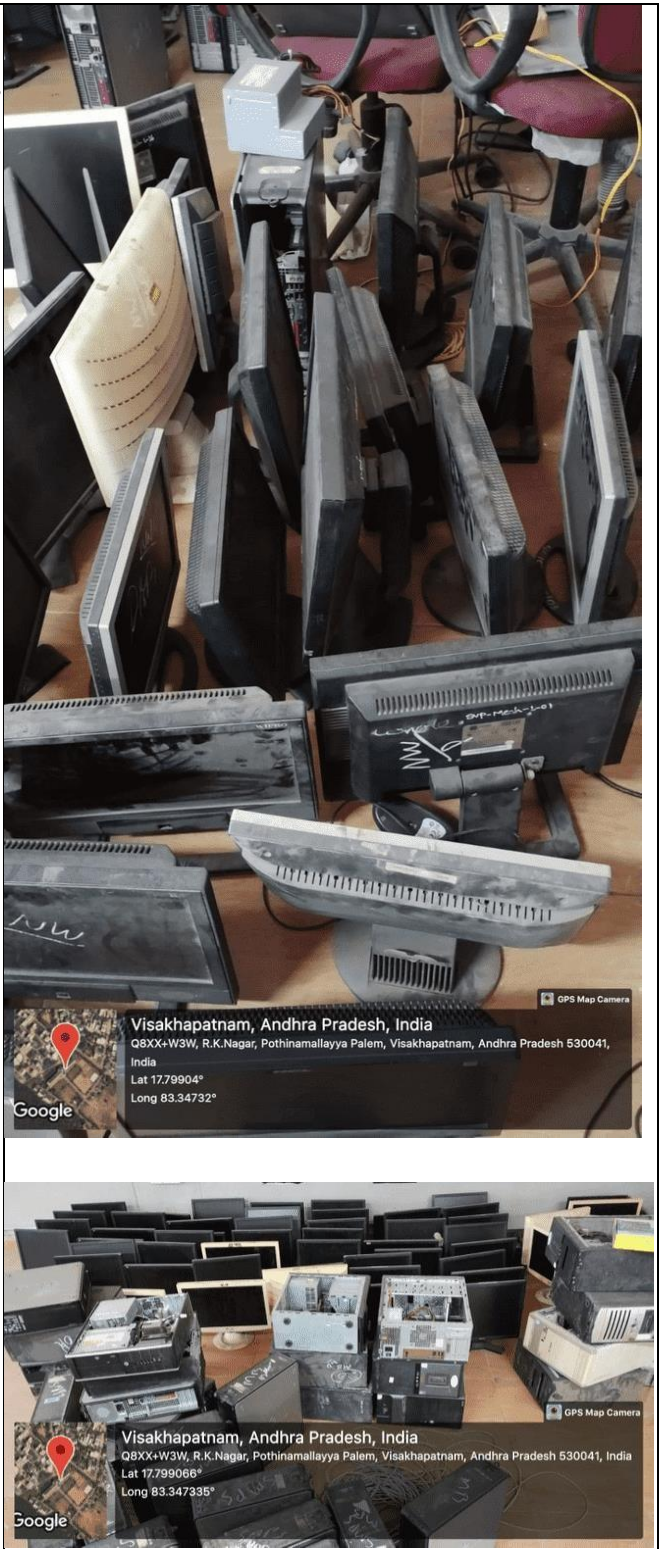
The Institute has facilities for Alternate Sources of energy and Conservation Measures

S.No	Name of the facility with location	Description	Links for geotagged photos and bills	Geotagged Photo
1.	Solar energy <i>Location:-</i> Block-2 Terrace	210 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 Bills View Bills	
2.	Wheeling to the Grid <i>Location:-</i> Block-1	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	

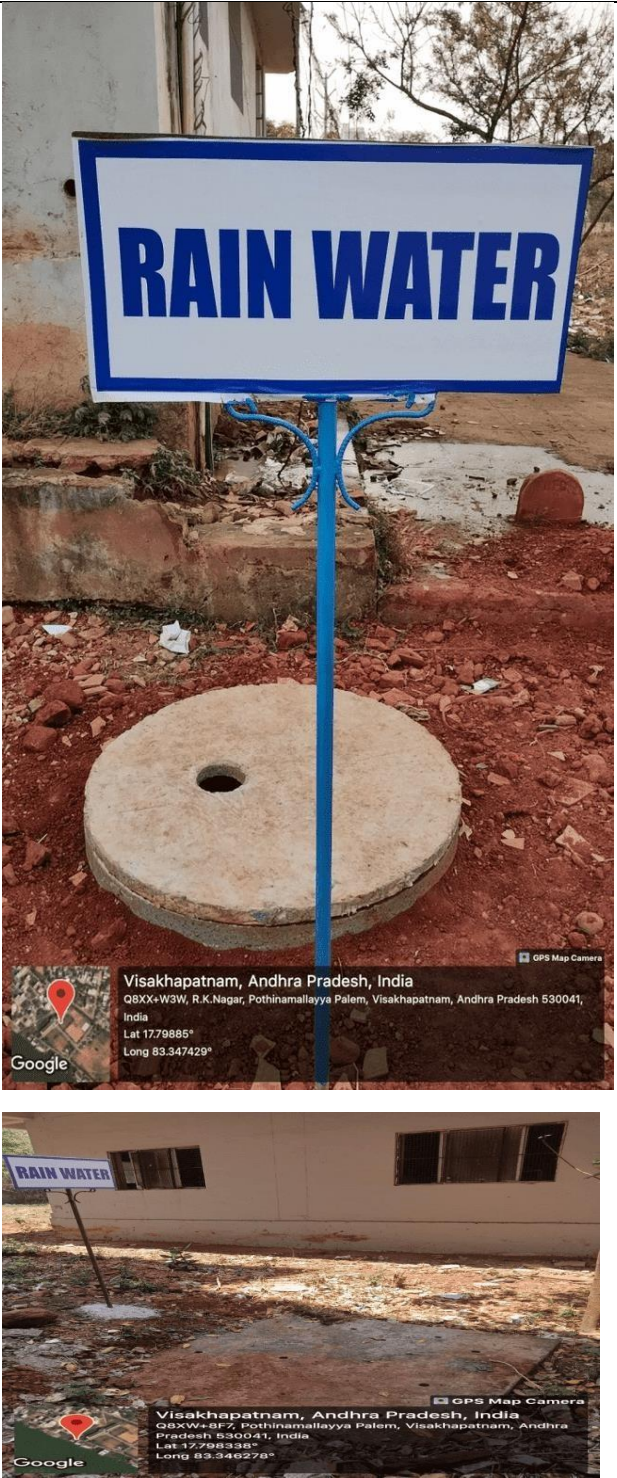
<p>3.</p>	<p>Sensor-based energy conservation</p> <p><i>Location:- Campus</i></p>	<p>It is real time based timer which is used to control the college's street lights. The implementation of this automation circuit has discarded the need for a separate man power for street light operation at college campus with ON/OFF timings precisely set depends upon climatic seasons and the automated circuit is found to be operating satisfactorily. unnecessarily</p>	<p>View photo1</p>	
<p>4.</p>	<p>Use of LED bulbs/ power efficient equipment</p> <p><i>Location:- Campus Street lights</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 Bills</p>	



7.1.2.1 Management of the various types of degradable and non degradable waste


S.No	Name of the facility with location	Description	Links for geotagged photos and bills	Geotagged Photo
1.	<p>Solid waste management:</p> <p><i>Location:- Different locations in the Campus</i></p>	<p>All solid wastes are collected by designated personals from the bins placed at different locations 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) <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>	<p>View photo1</p> <p>View photo2</p> <p>View bill</p>	 <p>The top photo shows two stainless steel waste bins on a metal stand. The left bin is labeled 'WET WASTE' and the right bin is labeled 'DRY WASTE'. A location tag at the bottom of the photo indicates: Visakhapatnam, Andhra Pradesh, India, 23-28B, Sri Surya Tulasi Nagar, Pothinamallayya Palem, Visakhapatnam, Andhra Pradesh 530041, India. Lat 17.798983°, Long 83.346034°.</p> <p>The bottom photo shows two stainless steel waste bins on a metal stand, both labeled 'DRY WASTE'. A location tag at the bottom of the photo indicates: Visakhapatnam, Andhra Pradesh, India, Q9XX+MG7, opposite Sanketika Vidya Parishad Engg college, R.K.Nagar, Pothinamallayya Palem, Visakhapatnam, Andhra Pradesh 530041, India. Lat 17.798346°, Long 83.348487°.</p>

<p>2.</p>	<p>E-waste management</p> <p><i>Location:- SVPEC Building</i></p>	<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>	<p>View Bills</p> <p>View photos</p>	 <p>Visakhapatnam, Andhra Pradesh, India Q8XX+W3W, R.K.Nagar, Pothinamallayya Palem, Visakhapatnam, Andhra Pradesh 530041, India Lat 17.79904° Long 83.34732°</p> <p>Visakhapatnam, Andhra Pradesh, India Q8XX+W3W, R.K.Nagar, Pothinamallayya Palem, Visakhapatnam, Andhra Pradesh 530041, India Lat 17.799066° Long 83.347335°</p>
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7.1.2.2 Water conservation facilities available in the Institution:

Name of the facility with location	Description	Links	Geo tagged Photo
<p>Rain Water</p> <p><i>Location:-</i> Near Second Gate</p>	<p>Rain water harvesting is the technique for the directing and collecting Rain water in Underground Tanks. The stored water is used for watering plants and irrigation. Rain water harvesting is a step to provide of wastage of water. Rain water harvesting uses many methods to collect Rain water.</p> <p>Rain water harvesting pits are located near second gate 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>View photo</p>	 <p>The top photo shows a blue sign with the text "RAIN WATER" in bold blue letters. The sign is mounted on a blue metal post. Below the sign is a circular concrete well cover with a hole in the center. The ground is reddish-brown dirt. A small map inset in the bottom left corner shows the location in Visakhapatnam, Andhra Pradesh, India, with coordinates: Q8XX+W3W, R.K.Nagar, Pothinamallayya Palem, Visakhapatnam, Andhra Pradesh 530041, India, Lat 17.79885°, Long 83.347429°.</p> <p>The bottom photo shows a similar blue sign with the text "RAIN WATER" in bold blue letters. The sign is mounted on a blue metal post. The background shows a building with windows. A small map inset in the bottom left corner shows the location in Visakhapatnam, Andhra Pradesh, India, with coordinates: Q8XW+8FZ, Pothinamallayya Palem, Visakhapatnam, Andhra Pradesh 530041, India, Lat 17.798338°, Long 83.346278°.</p>

<p>Bore well/open well recharge</p> <p>Location :- Bore well in different places in the campus</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>Tanks</p> <p>Location :- SVPEC Terrace</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</p>	<p>View photo</p>	

	<p>traditional wisdom, the collecting rain water is converting to drinking water and stored into the tanks and directly used for drinking.</p>		
<p>Water Recycle</p>	<p>The ground water is pumped into storage</p>	<p>View photo View bill</p>	

Location :- From R.O Plant in Terrace

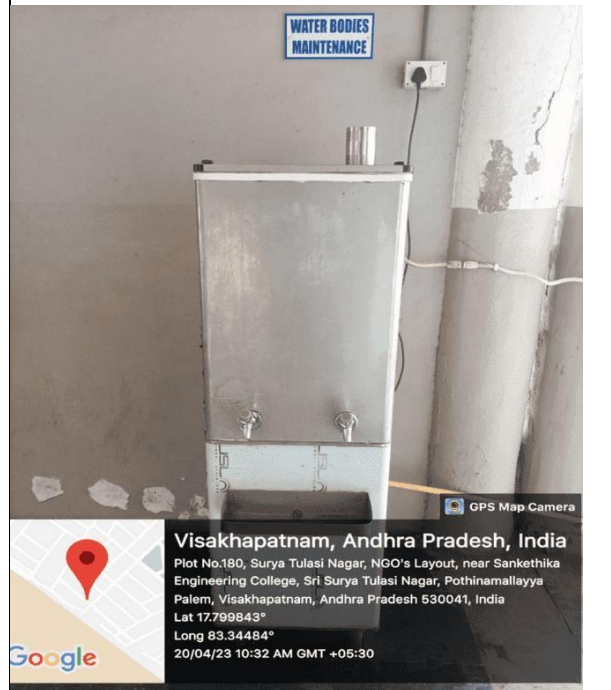
tanks located at different places in the campus. There are four numbers of over head storage tanks and one Elevated Service Reservoir in the campus. The water is distributed through well laid pipe network. Drinking water after treating in RO plant is supplied through a separate set of distribution pipes 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

Maintenance of water bodies

Location :- In SVPEC Building

In the Institution water bodies maintenance while using coolers are easy to access to free ,clean drinking water

[View bills](#)



7.1.2.3 Green campus initiative include

S.No	Name of the facility with location	Description	Links	Geotagged Photo
1.	<p>Restricted entry of auto mobiles</p> <p>Location :- Main Entrance gate in the campus and at the T-Junction</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. This initiative helps in reducing pollution and consumption of petrol.</p>	<p>View photo</p>	 <p>The first photo shows a blue metal barrier with a red sign that reads 'ALL MOTOR VEHICLES PROHIBITED' with a no-motor-vehicles symbol. The location is identified as Visakhapatnam, Andhra Pradesh, India, with coordinates Q8XX+M07, opposite Sanketika Vidya Parishad Engg college, R.K.Nagar, Pothinamallaya Palem, Visakhapatnam, Andhra Pradesh 530041, India. The second photo shows a similar sign at a different location in the same area, with coordinates Q8XX+433, Pothinamallaya Palem, Visakhapatnam, Andhra Pradesh 530041, India.</p>
2.	<p>Battery Powered</p> <p>Location :- parking sheds back side</p>	<p>Some of the staff and students are utilizing bicycles those who are closer to the college for fuel reduction and for internal conveyance.</p>	<p>View photo</p> <p>View bills</p>	 <p>The first photo shows a white battery-powered utility vehicle (UTV) parked in a parking area. The location is identified as Visakhapatnam, Andhra Pradesh, India, with coordinates Plot No.180, Surya Tulasi Nagar, NGO's Layout, near Sankethika Engineering College, Sri Surya Tulasi Nagar, Pothinamallaya Palem, Visakhapatnam, Andhra Pradesh 530041, India. The second photo shows a similar UTV with two people inside, driving on a paved path. The location is the same as the first photo.</p>

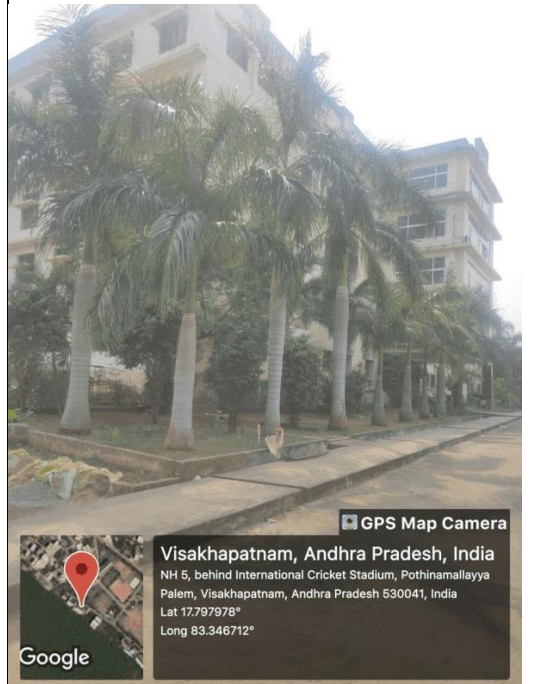
3

Pedestrian Friendly

***Location:-
All over the campus***



Campus has sufficient space for parking vehicles of staff and students. Roads inside the campus are well maintained. Pedestrians can walk safely through the campus, through walk friendly pathways. Entry of Vehicles inside the campus is restricted. Security people are assigned duties on every turn and crossing to the campus.

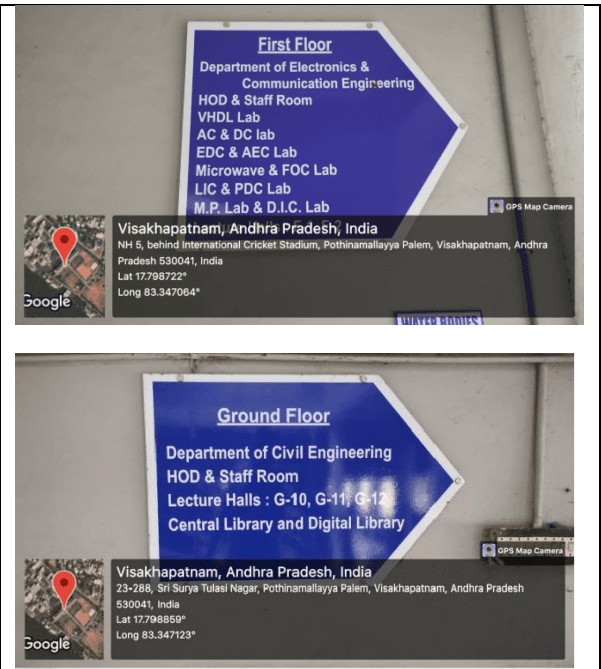

[View photos](#)




<p>4.</p>	<p>Plastic Ban</p> <p>Location :- Every block in the campus</p>	<p>The main objective is to eliminate plastic in the campus. DNR CET energizes students and staff not to utilize plastic bags and plastic containers.</p>	<p>View photo</p>	
<p>5</p>	<p>Landscaping with trees and plants</p> <p>Location :- Every block in the campus</p>	<p>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.</p>	<p>View photo</p>	

7.1.2.4 The Institution has disabled-friendly, barrier free environment:

S.no	Name of the Facility with location	Description	Links	Geo tagged Photo
1.	<p>Lift</p> <p><i>Location:-</i> Block-A</p>	<p>College buildings have provision of lift for barrier free access for students, staff, visitors and differently abled people.</p>	<p>View photo</p> <p>View bill</p>	 <p>Visakhapatnam, Andhra Pradesh, India 23-28A, Sri Surya Tulasi Nagar, Pothinamallayya Palem, Visakhapatnam, Andhra Pradesh 530041, India Lat: 17.798879° Long 83.347123°</p>
2.	<p>Ramp</p> <p><i>Location:-</i> Main Block Entrance</p>	<p>Ramps are sloped pathways used both inside and outside buildings and elsewhere in the built environment used to provide access between different vertical levels. Ramps provide an alternative to stairs for wheelchair users, people with mobility issues and people with prams, bicycles and other wheeled items</p>	<p>View photo</p>	 <p>Visakhapatnam, Andhra Pradesh, India 23-28A, Sri Surya Tulasi Nagar, Pothinamallayya Palem, Visakhapatnam, Andhra Pradesh 530041, India Lat: 17.799227° Long 83.347229° 29/04/23 11:45 AM GMT +05:30</p>

<p>3.</p>	<p>Signage</p> <p><i>Location:-</i> In the SVPEC Building</p>	<p>Display boards Signs must be clear, Concise, and consistent. All travelers need clear information about the purpose and layout of stations to maintain a sense of direction and independent use of all facilities</p>	<p>View photo</p>	
<p>4.</p>	<p>Assistive Tech</p> <p><i>Location:-</i> Block – 1 In the First Floor</p>	<p>College provides disabled friendly facilities like wheel chair.</p>	<p>View bill</p> <p>View photo</p>	

<p>5.</p>	<p>HUMAN ASSISTANCE</p> <p><i>Location:-</i> At the entrance of the SVPEC Block</p>	<p>Human Assistance means physical, hands on, assistance in the case of Physical Impairment or verbal direction or supervision in the case of a Cognitive Impairment, which helps another person to perform Activities of Daily Living</p>	<p>View photo</p>	
<p>6.</p>	<p>Provision for Enquiry</p> <p><i>Location:-</i> At the entrance of the Block</p>	<p>Receiving visitors at the front desk by greeting, welcoming, directing and announcing them appropriately. Answering screening and forwarding incoming phone calls. Receiving and sorting daily mail.</p>	<p>View Report</p>	