



Department of Higher Education  
Ministry of Education  
Government of India

Mahatma Gandhi National Council of Rural Education

# Mahatma Gandhi National Council of Rural Education

Department of Higher Education, Ministry of Education, Government of India

## 'One District One Green Champion' Awards

### Swachhta and Jal Shakti Evaluation Sheet

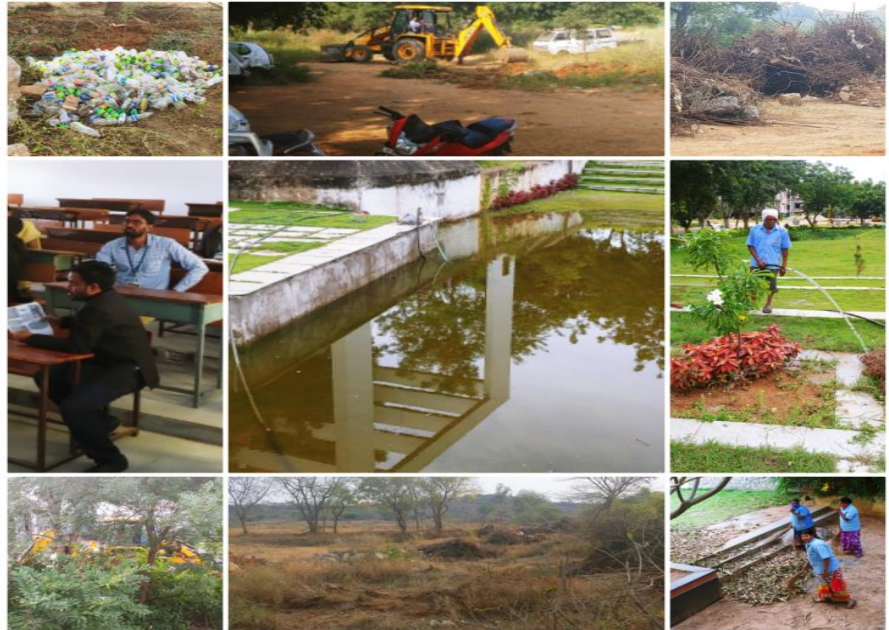
<b>Name of the Institution:</b>	<b>Bharat Institute of Engineering and Technology</b>
<b>Address:</b>	College Address Mangalpally (V),  Ibrahimpatnam (M)  Ranga Reddy (D)  Hyderabad-501 510  Telangana, India.  (08414) 252313, 252399,252647 (08414) 252648 info@biet.ac.in, admission@biet.ac.in
<b>SAP Committee Faculty:</b>	<b>Chandika Mohan Babu</b>
<b>Contact Email:</b>	<a href="mailto:mohaniitkgp08@gmail.com">mohaniitkgp08@gmail.com</a>
<b>Phone"</b>	<b>9915549876</b>
<b>Total No. of SAP Committee Students:</b>	<b>40</b>
<b>Total No. of SAP Committee Faculty</b>	<b>10</b>
<b>Total No. of Other SAP Staff (Admin, Supervisors, Kitchen, Lab, Garden, Maintenance, etc.)</b>	<b>30</b>

**Images of Swachhta Activities in your Campus (Please paste few pictures in the box)**

**Paste any video links you have uploaded related to Swachhta Activities in your campus**

Bharat Institutions sprawling 120 acres campus with a built-up area of 6, 00,000 sq. ft at Mangalpally, Ibrahimpatnam. Bharat Institutions campus is a beautiful and serene atmosphere ideally suited for technical education. The infrastructure and facilities available on campus are amongst the very best. It is a wholly self-contained campus comprising of everything that students on campus would ever require. In order to take care of aesthetic dimensions of the campus, considerable efforts have been made in the recent past to beautify the campus. Greenery in terms of the grass, permanent green plants, trees and flowers have been laid down all over the campus. Horticulture maintenance and development has been meticulously monitored to keep up with the changing weather.

<http://biet.ac.in/nss-activities.php>



Leadership				
S No	Leadership	Yes	No	Points scored ( by MGNC RE)
1.	Do you have a SAP Committee for the Components of Swachhta - Greenery, Water management, Waste Management, Energy Management, Sanitation and Hygiene?			

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Recognised by the Govt. of T.S. and Affiliated to JNTUH, Hyderabad.)

Sponsored by : CHINTA REDDY MADHUSUDHAN REDDY EDUCATIONAL SOCIETY  
Mangalpally (Village), Ibrahimpatnam (Mandal), Ranga Reddy District - 501 510, Telangana. Tel : 08414 - 252399

Ref.:

Ref No: BITE/SBC/SES REC/2020 SEP

Date: 21/09/2020

To  
Dr. W. G. Prasanna Kumar  
Chairman, MGNCRE  
Department of Higher Education  
Ministry of Education  
Government of India

Subject: MGNCRE-DHE-MoE-Gol/Institutional -BIET SES REC Action Plan Proforma-Reg

Respected Sir,

On the key note of the objective for the subject above mentioned we have received supported documents for making our institution further ahead in following the guidelines given by above subject under the swachhta action plan 2020. We have received the following documents.

1. SES REC Institution Invitation Letter, Draft SAP institution certificate
2. Swachh Campus Manual PPT

After reading the swachh campus manual, we have frame the required team as per guide lines given in above subject. Total 10-teams are formed and the details of the teams are mentioned in SES REC Action Plan Proforma attached as enclosure with this letter.

SNo	Action Plan Area	Committee Head (Faculty) Name, Contact Number, Email
1	Sanitation And Hygiene (Campus/Village)	Mr. Ramachandru, 9676777958, ramachandru@biet.ac.in
2	Waste Management (Campus/Village)	Mr. Bikesh, 9502843672, bikeshkumar@biet.ac.in
3	Water Management (Campus/Village)	Mr. Basvaraju, 9703266688, rbasvaraju@biet.ac.in
4	Energy Management (Campus/Village)	Mr. Kamalaker, 9493809930, kamalaker@biet.ac.in
5	Greenery (Campus/Village)	Mr. Chandika Mohan, 9915549876, mohaniitkgp08@biet.ac.in

Thanking you

With Regards

(Dr. V. Ramakrishna)  
Principal  
Bharat Institute of Engg and Tech  
Mangalpally (V), Ibrahimpatnam (M)  
Ranga Reddy (Dist), Telangana-501510  
21/09/2020



2.

Does the SAP Committee do periodic appraisals and periodic review of your campus Swachhta?



3. Does your SAP Committee include Teams and Team Leaders involving Teaching Staff, Non-Teaching Staff and Students?





4. Is there a Swachhta and Jal Shakti Action Plan in place and its implementation strategy?


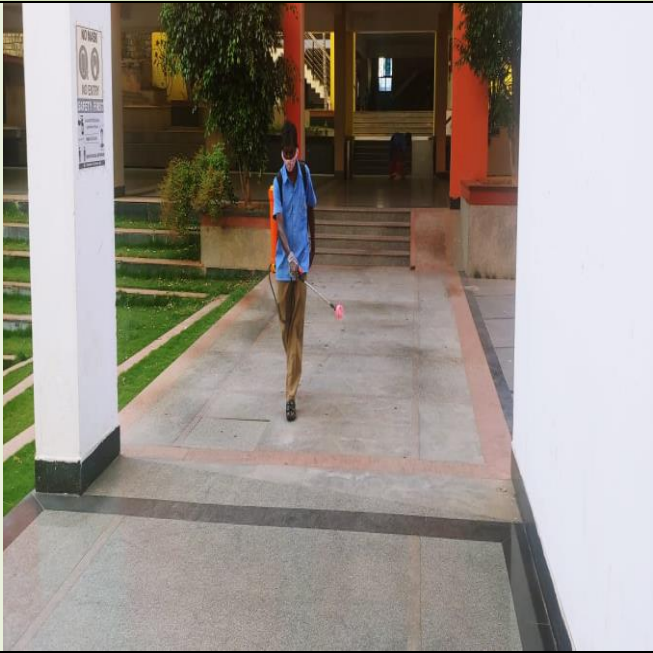




5. Have you put a COVID 19 related sanitization policy in every public area in the campus?

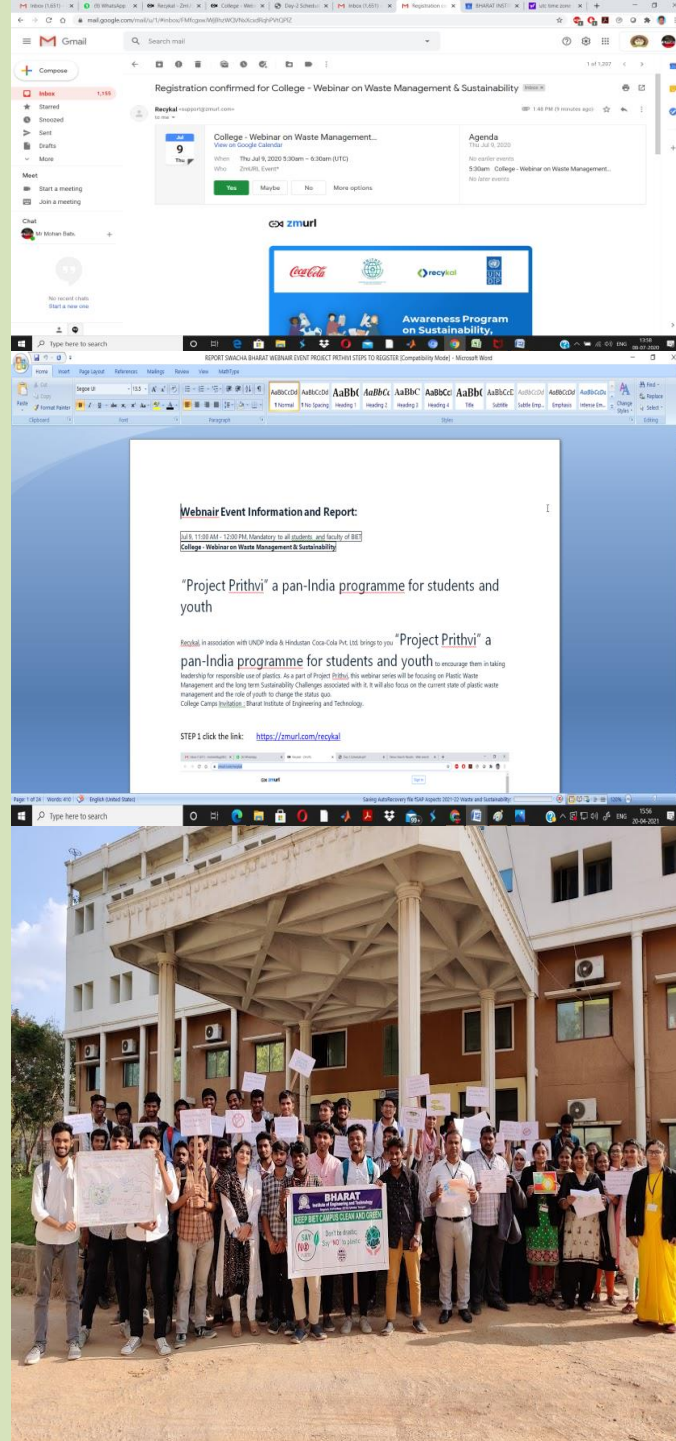




				
6.	Is the SAP Committee ensuring use of masks, sanitizers on campus?			
7.	Is the SAP Committee ensuring proper disposal of masks?	NA		
8.	Are there quarantine facilities in case of medical emergencies?	MEDICAL AMBULANCE AND IMMEDIATELY FACILITY ARE PROVIDED		
9.	Does the SAP Committee encourage campaigns on	YES		

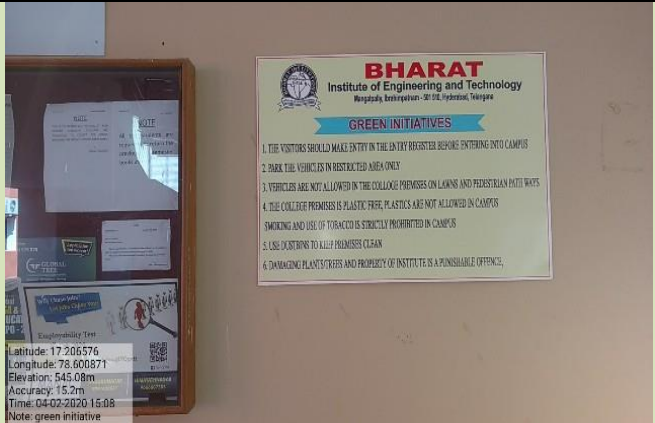

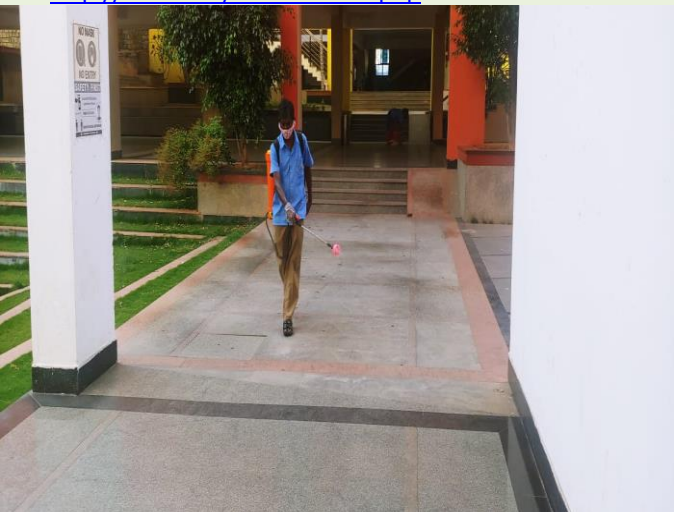


Swachhta and water conservation - motivating with creative activities/ zero waste events, Swachhta Contests/Swachhta Awards?



				
<p>10.</p>	<p>Does your SAP Committee meet regularly - online/offline?</p>	 <p><a href="http://biet.ac.in/stake-holders-feedback-forms.php">http://biet.ac.in/stake-holders-feedback-forms.php</a></p>		
<p>11.</p>	<p>Have you partnered with other Institutions and agencies for implementing action plans on campus – such as Funding Agencies, Donors, Non-Profit Organizations, Public Policy Groups and Think Tanks, Media and Celebrities, Government?</p>			

		 		
<p>12.</p>	<p>Is your Institution part of any Corporate Social Responsibility Plan/Social Entrepreneurship Plan/Rural Development Plan/Vocational Education Plan?</p>	<p>MGNREG,SES,MOU WITH COMPANIES</p> 		
<p>13.</p>	<p>Do you have your Swachh policy displayed on notice boards/website?</p>	<p>YES  <a href="http://biet.ac.in/ext-activities.php">http://biet.ac.in/ext-activities.php</a></p>		

		 		
<p>14.</p>	<p>Are appropriate, comprehensive and understandable signage displayed across the campus – for ensuring Swachhta?</p>	<p>YES <a href="http://biet.ac.in/ext-activities.php">http://biet.ac.in/ext-activities.php</a></p> 		
<p>15.</p>	<p>Are International/National Level days related to Environment, Ecology, Water, Cleanliness, and related Days</p>	<p><a href="http://biet.ac.in/nss-activities.php">http://biet.ac.in/nss-activities.php</a></p>		


	observed?			
16.	Are the reports on Swachhta shared among the stakeholders through report format/newsletters / updates/ Social Media?	<p><a href="http://biet.ac.in/nss-activities.php">http://biet.ac.in/nss-activities.php</a>  <a href="http://biet.ac.in/stake-holders-feedback-forms.php">http://biet.ac.in/stake-holders-feedback-forms.php</a></p> 		
17.	Is a feedback-form circulated to the teams regularly and collected for policy improvements?	YES , Filing is done and submitted to HR Team		
18.	Are the Swachh data collection and analysis methods useful and the output understood by the core teams?	REVIEW MEETINGS ARE CONDUCTED EVERY 45 DAYS		
19.	Does the Institution system accommodate services of /for Divyangan/Differently abled in Swachhta working plan?	NA		
20.	Is there a Policy formed for monitoring aspects of Swachhta and Jal Shakti with dedicated staff and periodic reporting system in place?	<p>YES</p> 		

21. Do you encourage technological and social interventions in Swachhta and water conservation by students for campus hygiene?

PROJECTS ALLOCATED FOR ALL STUDENTS






Greenery	Yes	No	Points Scored (by MGNC RE)
<p>22.</p> <p>Is plantation and greenery promoted in vacant areas and around every building in the campus?</p>			



23.

Is  
*Vanmahotsav*  
(plants/trees  
festival)  
celebrated by  
the  
Institution?



<p>24.</p>	<p>Are there fruit bearing trees / indigenous plants/local, native species of plants/low water consuming plants grown on campus?</p>	 <p>Temperature: -273.15°C  Accuracy: 92.9  Time: 2020-02-01 14:32:59  Longitude: 78.6009692  Latitude: 17.2087395  Nuli, Mangalpalle, Telangana</p>		
<p>25.</p>	<p>Does the Institution promote green transportation options that reduce vehicle air pollution?</p>	 <p>Latitude: 17.206064  Longitude: 78.600735  Elevation: 540.19m  Accuracy: 12.9m  Time: 02-15-2020 15:06  Note: cycle stand</p>		
<p>26.</p>	<p>Have you optimized your pick-up/drop-off times and logistics to minimize congestion and engine idling that causes air pollution?</p>	 <p>Latitude: 17.206064  Longitude: 78.600735  Elevation: 540.19m  Accuracy: 12.9m  Time: 02-15-2020 15:06  Note: cycle stand</p>		

27. Have you assessed your campus' environmental impact via: eco-audits? Environmental footprint calculators?



28. Does the Institution have an action plan for implementing and monitoring progress towards environmental goals?





29.

Are you using herbicides and bio pesticides for greenery on campus outdoors and indoors?

NO /NATURAL CONTROL



30.

Is there a nursery on campus?






**Photo Gallery of NSS Events 2020-2021**






31.

Is there a dedicated staff for plant protection/maintaining seed bank/nursery/compost unit/organic farming/herbal park/campus ponds?



				
<p>32.</p>	<p>Does the Institution process garden organics/biomass/waste/leaves etc. to generate mulch and compost and monitor regularly?</p>			
<p>33.</p>	<p>Do students help in composting on the campus?</p>	<p style="text-align: center;"><b>Photo Gallery of NSS Events 2020-2021</b></p> 		

				
34.	What is the % of area under greenery/green canopy on the campus?	60%  Bharat Institutions sprawling 120 acres campus with a built-up area of 6,00,000 sq. ft at Mangalpally, Ibrahimpatnam. Bharat Institutions campus is a beautiful and serene atmosphere ideally suited for technical education. The infrastructure and facilities available on campus are amongst the very best. It is a wholly self-contained campus comprising of everything that students on campus would ever require. In order to take care of aesthetic dimensions of the campus, considerable efforts have been made in the recent past to beautify the campus. Greenery in terms of the grass, permanent green plants, trees and flowers have been laid down all over the campus. Horticulture maintenance and development has been meticulously monitored to keep up with the changing weather.		
35.	Is any day observed as No Vehicles Day on Campus?	NA..only College Free Bus Transportation		
36.	Have you banned plastic disposable items in the campus?	YES  		
37.	Have you fixed Air Conditioners temperature in buildings in the campus?	YES SAP ACTIVE FILE <a href="http://biet.ac.in/infrastructure.php">http://biet.ac.in/infrastructure.php</a>		
38.	Is there a	YES		

	<p>Policy formed for monitoring aspects of Greenery with dedicated staff and periodic reporting system in place?</p>	<p>SAP ACTIVE FILE</p> <p><a href="http://biet.ac.in/infrastructure.php">http://biet.ac.in/infrastructure.php</a></p>		
<p><b>Water Conservation</b></p>		<p><b>Yes</b></p>	<p><b>No</b></p>	<p><b>Points Scored (by MGNC RE)</b></p>
<p>39.</p>	<p>Is there adequate water supply in the campus?</p>	<p>YES</p> 		









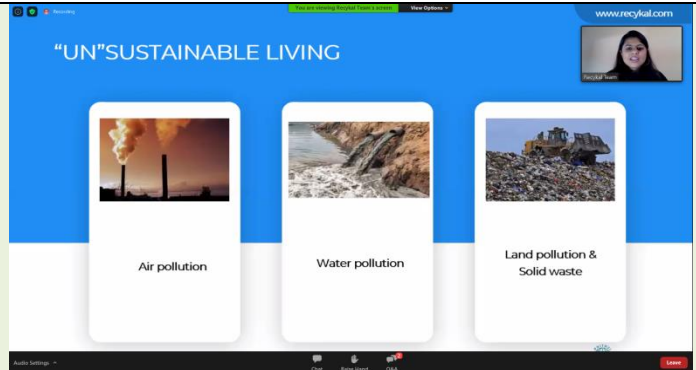
40.

Are there adequate water taps and sanitary fixtures on campus?



<p>41.</p>	<p>Is there dedicated staff for water maintenance and inspection of taps and sanitary fixtures on campus?</p>	 <p>Shot on OnePlus 5i/5e</p>		
<p>42.</p>	<p>Are periodic mending and repairs of leaking taps and pipes done?</p>			

				
<p>43.</p>	<p>Are there two levels of flushing in toilets to reduce water wastage?</p>	<p>NA</p>		
<p>44.</p>	<p>Do you periodically organize water conservation workshops/educational lectures and programs/trainings for faculty and students on campus?</p>	 <p>WATER DAY EVENT CERTIFICATIONS</p>		





Water and Waste Management Webnair by Recykal



45.

Is rain water harvesting structures dug in the campus?

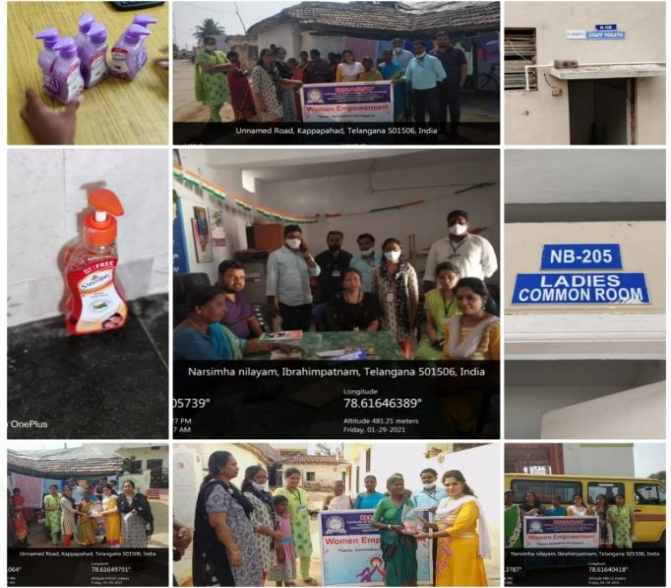


<p>46.</p>	<p>Is sufficient water collected for campus use from the rain water harvesting structures?</p>				
<p>47.</p>	<p>Do you have roof water harvesting for every building and surface water harvesting in every low lying and rainwater stagnation area done?</p>				
<p>48.</p>	<p>Has the SAP team of the Institution/Swachh/Jal Shakti Team got the Institutions water audited? (personal chambers, Staff rooms, Classrooms,</p>	<p>Yes</p> <p><a href="https://docs.google.com/forms/d/e/1FAIpQLSdIiLvQaGNxloodsggTFXY4UfHLDs1uj6BsKHBtbcPJ0DuqQ/viewform">https://docs.google.com/forms/d/e/1FAIpQLSdIiLvQaGNxloodsggTFXY4UfHLDs1uj6BsKHBtbcPJ0DuqQ/viewform</a></p> <p><a href="http://biet.ac.in/infrastructure-gallery.php">http://biet.ac.in/infrastructure-gallery.php</a></p>			

	Halls, Canteen, open Campus)			
49.	Is water budgeting done by the Institution?	YES. AS PER RECORDS ARE MAINTAINED <a href="http://biet.ac.in/infrastructure-gallery.php">http://biet.ac.in/infrastructure-gallery.php</a>		
50.	Does the Institution use reclaimed water/ treated waste water?	YES 		
51.	Are water sprinklers used for gardening?	YES 		
52.	Does the Institution provide hand sanitizer as an alternative to hand washing with water?	YES		
53.	Have you installed low-flow faucets, automatic	NO		

	faucets, and/or faucet aerators/ low-flow shower heads/ low-flow toilets and urinals?			
54.	Does the Institution use collected rainwater for onsite watering need/laboratories/washrooms/gardens?			
55.	Is Feedback collected from all campus buildings on water supplies, quantity, quality and conservation?	<a href="https://docs.google.com/forms/d/e/1FAIpQLSdIiJLvQaGNxloodsggTFXY4UfHLDs1uj6BsKHBtbcPJ0DugQ/viewform">https://docs.google.com/forms/d/e/1FAIpQLSdIiJLvQaGNxloodsggTFXY4UfHLDs1uj6BsKHBtbcPJ0DugQ/viewform</a>		
56.	Does the Institution limit the purchase of single-serve bottles and containers?	<p>YES</p> 		
57.	Does the campus have adequate water pots/	YES		

potable water taps/water filling stations/ water dispensers that promote easy filling of reusable water bottles?




58.

Is renovation of traditional and other water bodies/tanks on campus done (groundwater recharge, maintaining water balance, watershed development, etc.)

YES,






				
59.	Is there a Policy formed for monitoring aspects of water conservation with dedicated staff and periodic reporting system in place?	YES RECORDS ARE MAINTAINED WITH AO OFFICE		
<b>Waste and Sustainability</b>		<b>Yes</b>	<b>No</b>	<b>Points Scored</b> (by MGNCRE)
60.	Is waste management done in every building of the campus – academic, administration, kitchen, hostels, etc.?	YES		
61.	Is wet waste management/ external dry waste management conducted in the campus?	YES		
62.	Are toilets in your campus as per the recommended ratio 1:20	YES		

63.	Are separate toilets available for the differently abled?	NA		
64.	Are ramps, wheelchairs and supportive equipment available for the differently abled?	YES		
65.	Is specific hygiene maintained for the ladies' toilets?	YES		
66.	Is continuous running water available in the toilets?	YES		
67.	Are exhaust/air purifiers installed in the toilets?	YES		
68.	Are the toilets cleaned daily at periodic intervals and the times cleaned monitored?	YES		
69.	Is it ensured that toilets are used hygienically and soap/hand wash/sanitizer is available throughout?	YES		
70.	Are garbage bins labeled appropriately : Dry Waste/Wet Waste?	YES		
71.	Are you using color-coded containers or	YES		

	bins: landfill = black/gray, compost = green, and recycle = blue?			
72.	Are the different types of waste – solid, liquid, E waste, laboratory, biomedical, properly segregated before disposal?	YES		
73.	Are cleaning products, grease, strippers, batteries, fluorescent lighting, science lab materials, and other potentially hazardous products disposed of properly?	YES		
74.	Is biomedical waste disposed off as per legal norms (using incinerators, segregation)	YES		
75.	Does the campus have adequate waste disposal/waste collection centers?	YES		
76.	Does the SAP Committee monitor the waste collection and the times the	YES		

	waste is collected and disposed out of campus?			
77.	Do the dining spaces/kitchens/storage facilities have safety and sanitized surroundings?	YES		
78.	Does the SAP Committee make periodic checks of the water quality and ensures safety of the drinking water?	YES		
79.	Is cooking hygiene maintained – wearing of caps/gloves/apparel?	YES		
80.	Do the kitchens have chimney/smoke outlets?	YES		
81.	Is the cooking equipment/cooking vessels/dining plates/cutlery properly sanitized and used in hygienic conditions?	YES		
82.	Is kitchen waste properly segregated – dry and waste?	YES		
83.	Is meal planning and strategy done by kitchen	YES		

	<p>staff regularly - providing desirable food, minimizing food waste, encouraging students to take only what they think they will eat, providing opportunities to share leftover food?</p>			
84.	<p>Is there a dedicated staff for kitchen/dining hygiene maintenance?</p>	YES		
85.	<p>Is there a Biogas plant installed on campus for catering to the fuel needs of the canteen kitchen?</p>	YES		
86.	<p>Is “Waste Audit” conducted in the Institution?</p>	YES		
87.	<p>Is recycling of waste done on campus?</p>	YES		

88.	Are recycled items promoted on campus?	NA		
89.	Do you have paper shredders in campus to reduce paper waste?	AUTOMATION		
90.	Do you encourage reducing paper wastage by promoting digital note taking and reading, email correspondence, printing only when necessary?	AUTOMATION, OFFICIAL WATSAPP , DIGITAL TOOLS		
91.	Is there a Policy formed for monitoring aspects of waste management with dedicated staff and periodic reporting system in place?	YES		
<b>Energy</b>		<b>Yes</b>	<b>No</b>	<b>Points Scored (MGNC RE)</b>

92.

Have you done an energy audit?



93.

Have you introduced LED Lights for energy conservation on campus - in every building and street in the campus?





94.

Do you immediately report fused/burnt lights and other non-functional appliances?





<p>95.</p>	<p>Do you turn off lights, computers, and other equipment when not in use?</p>			
<p>96.</p>	<p>Have you enabled the power management settings on your computers/monitors/all-in-one machine?</p>			

				
<p>97.</p>	<p>Have you installed Solar Panels or other forms of renewable energy in your campus?</p>			
<p>98.</p>	<p>Do you offer renewable energy lessons and programs /trainings?</p>			

				
<p>99.</p>	<p>Do you have a Policy for monitoring aspects of Energy Conservation with dedicated staff and periodic reporting system in place?</p>	<p>YES, SAP COMMITTEE AND AO OFFICE TEAM HAS RECORDS OF EACH DAY AUDTING AND MONTHLY AUDTING</p>		

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(Dr. V. Ramesh Babu)  
Principal  
Bharat Institute of Engg. and Tech  
Mangalpally (V), Ibrahimpatnam (M),  
Ranga Reddy (Dist), Telangana-501510



100.

Have you prepared any case studies/ caselets/ action research papers from your Institution on Swachhta and water conservation activities?



