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CHINAIRLAPADU, Kandukur Road, Kanigiri Mandal

Prakasam Dist., (A.P.) Pin code: 523 254 Cell: 9866461623 Website: www.abrcet.edu.in, E-mail:principal.hj@abrcet.edu.in, abrcet2008@gmail.com

Alternate Sources of Energy and Energy Conservation Measures

The college has taken various steps to promote Energy efficiency practices and use of renewable energy. The campus utilizes energy efficient LED bulbs. We have excellent Window to wall ratio thus utilize maximum sun light for our lighting needs. We have also created awareness campaigns with respect to energy conservation through posters and signage to conserve energy in the campus. The efficient use of energy has been the endeavor of the institution and thus has a dedicated team of professionals constantly striving to conserve energy through various initiatives.

The campus has an exclusive **Energy Policy** to support energy efficiency at the institutional level which has the following guidelines and principles

- Energy Efficiency Road map
- Minimize energy use wherever possible.
- Avoid idle operation of electrical devices and equipment.
- Replacement policy of electrical equipment dictates purchase of energy efficient equipment of higher energy efficiency rating.
- Conduct a yearly internal energy audit of the facility and implement the findings
- > Offset fossil fuel energy through renewable sources

Some of the initiatives for conservation of energy include

- * Replacement of conventional tubes lights with energy efficient LEDs
- * Replacement of old Air-Conditioners with Efficient 3-Star ACs

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Replaced the Conventional Tube Lighting with LED Lights







Replaced Old AC's with new 3-STAR AC's

Solar Energy



Figure: Solar Energy Lights Placed at 1st Block





Figure: Alternate Energy (Solar Energy) Placed at Entrance Gate 2







Figure: Solar Energy Lights Placed at Main Entrance Gate 1



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7.1.1.2 Management of the Various Types of Degradable and **Non-Degradable Waste**

Waste Generation and Recycling:-

Waste generation and management is one of the challenges the world is facing today. The institution in its capacity is trying to minimize, segregate and dispose waste in an efficient manner.

There are two types of waste which is generated in the campus

- ❖ Wet waste canteen
- ❖ Dry waste dry leaves, paper, plastic etc
- The waste generation in the campus is on average

Wet Waste	30kg/day		
Dry Waste	70kg/day		

The waste is carefully segregated and disposed through a separate dumping place.

The feasibility of vermin composting at the campus was explored and possess certain challenges in terms of space availability.

Solid waste generation and management is a burning issue. Unscientific handling of solid waste can create threats to everyone. The survey focused on volume, type and current management practice of solid waste generated in the campus. The different solid wastes collected such as paper, food, plastic, biodegradable, construction, glass, dust etc. was classified into recyclable and non-recyclable further it was quantified and some of them were recycled in-house and others have been sent to responsible recycling organizations. The E-waste is categorized separately and is the process of developing an action plan to dispose it in a responsible manner.

The waste inventory record has been for the last 5 years, and steps have been taken to reduce and recycle waste.



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QUANTITY OF WASTE Kg/Annum

Year	Canteen Waste in Kg/day	Canteen Waste /day	Dry Organic Waste /day	Dry Organic Waste /Annum
2022-2023	53	7200	80	74240
2021-2022	0	0	13	569
2020-2021	51	12480	56	52600
2019-2018	40	10080	65	46180
2018-2019	43	12000	35	16570

The total solid organic waste collected on average in the campus is 100 Kg/day which includes

- Waste generation from tree droppings and lawn management is a major solid waste generated in the campus.
- The waste is segregated at source by providing separate dustbins for Biodegradable and plastic waste.
- Metal waste and wooden waste is stored and given to authorized scrap agents for further processing.
- Few glass bottles are reused in the laboratories.
- The food waste from main canteen and mess is converted to vermicompost and is used as organic manure for gardening purpose.
- Single sided used papers are reused for writing and printing in all departments paper waste is sent to recycling and recycled stationery is being received by the college from the franchise.





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Figure: Dustbins are Placed at the Reception



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Figure: Dustbins Placed at Corridor's



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Figure: Hazardous Dust Bins in the Chemistry Lab



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E-Waste Generation:

E-waste can be described as consumer and business electronic equipment that is near or at the end of its useful life. This is much more hazardous than other waste because electronic components contain cadmium, lead, mercury, and Polychlorinated biphenyls (PCBs) that can damage human health and the environment.

Observations:

- **.** E-waste generated in the campus is very less in quantity.
- ❖ Administration conducts the awareness programmes regarding E-waste Management with the help of various departments.
- ❖ The E-waste and defective items from computer laboratory is being stored properly.
 - The institution has decided to contact approved E-waste management and



disposal. Figure: Facility to dispose E-waste in scientific manner.



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E-Waste Collected by ABR Management

We are in the process of materializing the collected e-waste disposal through a certified E-Waste vendor and they are ready to collect and issue the MoU for e-waste management



If you have any other questions, feel free to get in touch. Have a great day!

Warm Regards,



Team Engage

Website- karosambhav.com

Landline- 0124-4551068

Toll Free- 1800-2121-434

Connect with us on:











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7.1.2 3 Water Conservation

The conservation of water at campus has been carried out as a two-pronged approach

- Minimal use of water using water efficient fixtures.
- * Maximum water recharging system through RWH pits with gravity design.
- * The campus water resource is fresh water from Ground through bore wells.

Water Source	Consumption in KL/Day	Annual Consumption KL/Annum
Ground Water from Bore wells	3	828

The Value is obtained for 270 days of annual working days of the institution

Ground Water from Bore wells:

The water obtained from the bore wells are stored in the overhead tanks and then distributed to the 4 blocks of the building.



The college has a dedicated Reverse Osmosis Plant (RO) for potable water. The water from bore well is passed through the RO system about 2 KL/day water is utilized for all the blocks. The team uses the RO reject water for landscaping there by reducing equivalent



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freshwater consumption. This has dual benefit of reduction in pumping cost and reduction in fresh water.



Rainwater Recharging/Harvesting Pits:

The landscape and water channels at the institution have been efficiently designed to facilitate gravity flow (energy efficient process) to the water recharging pits for ground water recharging thus providing water availability for majority of the time during the year. There are 2 pits of 1000 KL capacity.



Figure: Mineral RO Plant

NSS Team is conducted program on "SAVE THE WATER", Resource Person: Rural Water Supply Department Head Sri. D.E. Viswanadhan Reddy.



Figure: News Paper clip on Awareness on Water harvesting

Agriculture Department is Conducted Program on Natural Water Resources:

- 1. Rain water Harvesting Pits are constructed by ABRCET Students.
- 2. Gabion Structures for Water Conservation in ABRCET.
- 3. Recharge Pits are dug in ABRCET by 4th Year Students.









Before Harvesting Pit

After Harvesting Pit

Figure Shows Rain Water Harvesting Pits are Constructed by Students



Figure: Gabion Structures for Water Conservation in ABRCET







Before Structure for Harvesting Pit

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Recharge Pits are Dug in ABRCET by 4th Year Students



News Paper Clip on Natural Water Resource Types



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7.1.2 4. GREEN INITIATIVES

ABR College of Engineering & Technology, Kanigiri is located at Chinairlapadu village with peaceful and pleasant atmosphere from kanigiri college distance is 5 Km only. It is spread over in 10 Acres land and over 2.5 Lakhs sq.ft constructed building to house all modern and latest facilities required for correct environment to get the best out of students.

The campus has adopted measures to reduce Ecological Footprint. Some of the measures are,

Co-curriculum courses:

- There is a committee to look after green environment in the campus and yearly once green audit is conducted and findings are verified, and necessary improvements and actions are taken by the environmental team.
- The college conducts various types of awareness programmes like rallies, poster making, essay writing, elocution to create consciousness on environmental issues.
- In addition to this, the college carries out tree plantation as part of VANAM MANAM which is an initiative by Andhra Pradesh Govt, conducting different types of awareness programmes with Govt and non-government organizations [NGO'] and other organizations.
- ➤ By monthly the campus clean and green program is conducting through NSS program to maintain the lush greenery in the campus.
- As an extension activity, once in a semester, a rally and plantation program is also conducting by NSS team in the neighbor villages to promote the clean and green environment.
- ➤ Every year on 2nd October on the occasion of Gandhi Jayanti the team of students conducts Swatch Bharat in the campus and around the campus.



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Plantation of Staff Members in the Campus (Their Memory and for Greenery Too)

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VANAM- MANAM Programme Conducted by ABRCET Students→2019-2020







VANAM - MANAM Programme Conducted by ABRCET Students→2018-2019



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VANAM - MANAM Programme Conducted by NSS Unit, ABRCET



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News Paper Clip on VANAM - MANAM Programme



Green Campus



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Encourage to Avoid the Plastic Bags in Campus



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Swatch Bharat in the Campus



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PROPOSAL TO ORGANIZE NSS ACTIVITY

Title of the Event	:	Swatch Bharat	
Organizing Department	:	NSS Unit	
Sponsored by	:	ABR College of Engineering and Technology	
Date(s) of the Event		29-04-2023 No. of Days 1	
Time		10:30 AM to 12:30 PM	
Overview of the Event	:	NSS Team of ABRCET has planned to conduct a Swatch Bharat aim of promoting cleanliness, hygiene, and sanitation across the college	
Objectives of the Event		To to ensure the safety and well-being of students within the educational institution by creating an environment free from harassment, bullying, and any form of violence.	
Outcomes of the Event	X	Cleanliness and Hygiene around the campus and surroundings.	
Target Group	1	Students and staff	
Contact Information of the Coordinator(s)		SK. NAZIYA BANU SK. NAYAB RASOOL	

NSS Coordinator PRINCIPAL

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PROPOSAL TO ORGANIZE **NSS ACTIVITY**

Title of the Event	:	Clean and Green Drive
Organizing Department		NSS Unit
Sponsored by		ABRCET
Date(s) of the Event	:	23-04-2022
Time	:	10:30 AM to 4:00 PM
Overview of the Event		A green environment is one that is literally full with trees and other vegetation. Because they release oxygen into the atmosphere and absorb harmful pollutants, trees are essential for air purification.
Objectives of the Event		To inform people about the connections between environmental challenges and other concerns like food production and health, to reduce rural-to-urban migration in search of better opportunities, to encourage teaching about the environment, to encourage the preservation of soil.
Outcomes of the Event	X	 Maintaining a clean environment is essential to life as we know it on Earth. By keeping the environment clean. we can lessen pollution, safeguard endangered species, maintain our biosphere, and protect the planet's natural resources.
Target Group		Students
Contact Information of the Coordinator(s)	1	R. MADHU R. HARI NARAYANA

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PROPOSAL TO ORGANIZE NSS ACTIVITY

S Unit RCET 11-2022	No. of	1	
11-2022		0.55	
Land .		1	
	Days	1	
30 AM to 12:30 PM	11	71	
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			value o
atic temperatures, reduction	n in pollution levels,	increase in general public l	
dents & Staff	(3%	
GAYATHRI C RAMANAJANE`	YULU	4	
	ons of operation, governoration, public works denitiative. initiative also seeks quarding and maintaining conclusion for Harita haractic temperatures, reduction ase in wild resources, and dents & Staff GAYATHRI	ons of operation, government agencies incoration, public works department, and fore initiative. initiative also seeks to educate the granding and maintaining the environment conclusion for Harita haram will be the results thic temperatures, reduction in pollution levels, ase in wild resources, and enhancement of wild dents & Staff	initiative also seeks to educate the general people on the valuarding and maintaining the environment. conclusion for Harita haram will be the results it brings about. The lowering the temperatures, reduction in pollution levels, increase in general public lase in wild resources, and enhancement of wildlife and biodiversity dents & Staff GAYATHRI

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PROPOSAL TO ORGANIZE **NSS ACTIVITY**

Title of the Event	:	Awareness Program on Plastic Waste Management
Organizing Department	:	NSS Team,
Sponsored by	_:	ABRCET
Date(s) of the Event	17	23-06-2022
Time		10:30 AM to 1:00 PM
Overview of the Event	X	The NSS Team of ABRCET has proposed an awareness Program on Plastic Waste Management. The aim of the program is to make the students understand the dangerous conditions that arise due to improper use of plastic material.
Objectives of the Event	(:)	To keep the environment hazard-free by managing the plastic waste effectively.
Outcomes of the Event		This program helps us to understand the numerous ill-effects on the environment and living beings that causes by usage of plastic material. Between 1970 and 2015, India's material consumption increased six times, and by 2030, it is expected to double. Significant growth in the urban population is also anticipated. India will consequently produce enormous volumes of trash, creating operational difficulties that call for significant resources to handle it efficiently.
Target Group		Staff and Students
Contact Information of the Coordinator(s)	11	R. MADHU R. HARI NARAYANA

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PROPOSAL TO ORGANIZE **NSS ACTIVITY**

Title of the Event	:	Clean and Green Drive
Organizing Department		NSS Unit
Sponsored by		ABRCET
Date(s) of the Event		23-04-2022
Time	1:1	10:30 AM to 4:00 PM
Overview of the Event	X	A green environment is one that is literally full with trees and other vegetation. Because they release oxygen into the atmosphere and absorb harmful pollutants, trees are essential for air purification.
Objectives of the Event	1	To inform people about the connections between environmental challenges and other concerns like food production and health. to reduce rural-to-urban migration in search of better opportunities, to encourage teaching about the environment, to encourage the preservation of soil.
Outcomes of the Event		 Maintaining a clean environment is essential to life as we know it on Earth. By keeping the environment clean. we can lessen pollution, safeguard endangered species, maintain our biosphere, and protect the planet's natural resources.
Target Group	:	Students
Contact Information of the Coordinator(s)	J	R. MADHU R. HARI NARAYANA

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PROPOSAL TO ORGANIZE **NSS ACTIVITY**

Title of the Event	1:	Plantation Drive-Ha	ritha Haram	71 10
Organizing Department		NSS Unit	17	1/2
Sponsored by		ABRCET	2///	(1)
Date(s) of the Event		27-02-2019	No. of Days	1
Time		10:30 AM to 12:30 P	M	ta 1
Overview of the Event	1	regions of operation, gove	ernment agencies in	ation activities in their respective including the municipal prest department can take part in
Objectives of the Event		rejuvenating degraded for	rests, ensuring moreoachment, fire, g	by a multi-pronged approach of re effective protection of forests grazing and intensive soil and the watershed approach.
Outcomes of the Event		environment, economy,	and human health of increasing th	has several benefits for the h, and has been successful in e green cover and promoting
Target Group	1	Students & Faculty		D
Contact Information of the Coordinator(s)	2/	K. PRABHAVATHI K. NAGAMANI	ar seminar	



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PROPOSAL TO ORGANIZE NSS ACTIVITY

Title of the Event		Swachh Bharat	
Organizing Department		The sale of the sa	
Sponsored by	:);	ABR College of Engineering and Technology	hit.
Date(s) of the Event	X	29-04-2023 No. of Days 1	
Time	:	10:30 AM to 12:30 PM	1
Overview of the Event	À	NSS Team of ABRCET has planned to conduct a Sw Bharat aim of promoting cleanliness, hygiene, and sanit across the college	
Objectives of the Event	:	To to ensure the safety and well-being of students within educational institution by creating an environment free harassment, bullying, and any form of violence.	
Outcomes of the Event		Cleanliness and Hygiene around the campus and surrounding	ıgs.
Target Group	:	Students	
Contact Information of the Coordinator(s)	:	V. SAGAR U. V.SIVA REDDY	



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PROPOSAL TO ORGANIZE **NSS ACTIVITY**

Title of the Event	.:/	Swatch Bharat
Organizing Department	1	NSS Unit
Sponsored by		ABR College of Engineering and Technology
Date(s) of the Event		17-07-2021 No. of Days 1
Time		10:30 AM to 12:30 PM
Overview of the Event	:	NSS Team of ABRCET has planned to conduct a Swatch Bharat aim of promoting cleanliness, hygiene, and sanitation across the college
Objectives of the Event		To to ensure the safety and well-being of students within the educational institution by creating an environment free from harassment, bullying, and any form of violence.
Outcomes of the Event		Cleanliness and Hygiene around the campus and surroundings.
Target Group	:	Students
Contact Information of the Coordinator(s)	:	SK. SAJJAR VALI SK. NAZIYA BANU

PRINCIPAL NSS Coordinator



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PROPOSAL TO ORGANIZE **NSS ACTIVITY**

Title of the Event		Cle <mark>an and</mark> Green Drive
Organizing Department		NSS Unit
Sponsored by	-	ABRCET
Date(s) of the Event	:	13-03-2020
Time	:	10:30 AM to 4:00 PM
Overview of the Event		A green environment is one that is literally full with trees and other vegetation. Because they release oxygen into the atmosphere and absorb harmful pollutants, trees are essential for air purification.
Objectives of the Event		 To inform people about the connections between environmental challenges and other concerns like food production and health. To reduce rural-to-urban migration in search of better opportunities. to encourage teaching about the environment. to encourage the preservation of soil.
Outcomes of the Event	:	 Maintaining a clean environment is essential to life as we know it on Earth. By keeping the environment clean, we can lessen pollution, safeguard endangered species, maintain our biosphere, and protect the planet's natural resources.
Target Group	:	Students
Contact Information of the Coordinator(s)	:	1. V. SAGAR, ABRCET 2. V. KHADAR BASHA, ABRCET



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PROPOSAL TO ORGANIZE **NSS ACTIVITY**

Title of the Event		Clean and Green Drive
Organizing Department	:	NSS Unit
Sponsored by	:	ABRCET
Date(s) of the Event	:	10-10-2019
Time		10:30 AM to 4:00 PM
Overview of the Event	1	Minimize impacts on water quality and water resources; and save energy and natural resources.
Objectives of the Event		Encourage the repurposing of restored land for ecological and human- sustainable purposes; Reduce air toxics emissions and greenhouse gas production; minimize material consumption and waste generation; minimize impacts on water quality and water resources; and save energy and natural resources.
Outcomes of the Event	÷	The program outlined the following targets for completion and results: enhanced urban and household economies, particularly for the poorest and most vulnerable households through the provision of labor-intensive employment; and a cleaner, safer, and healthier urban environment and public spaces.
Target Group	:	Students & Faculty
Contact Information of the Coordinator(s)	:	

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NSS Coordinator PRINCIPAL



Title of the Event	:	Plantation Drive-Haritha Haram		
Organizing Department	:,,	NSS Unit		
Sponsored by	-:	ABRCET		
Date(s) of the Event		24-09-2019 No. of Days 1		
Time		10:30 AM to 12:30 PM		
Overview of the Event	:	Massive planting projects were planned for places outside of the existing forest, including communal spaces, industrial parks, institutional buildings, religious centers, roadside avenues, banks of rivers and canals, arid hills, and coastal regions.		
Objectives of the Event	:	Every "Green Week" will be marked as part of Haritha Haaram, encouraging people to take action to conserve the environment and the earth. Our Honorable Chief Minister urged all officials to embrace this project, which will bring great prosperity to future generations, and revitalize the current forest covers.		



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Website: www.abrcet.edu.in, E-mail: principal.hj@abrcet.edu.in, abrcet2008@gmail.com

Outcomes of the Event	:	Because it provides oxygen, enhances air quality, modifies climate, conserves water, and preserves soil, the campus's lush vegetation enhances the quality of life for everyone. In order to preserve a healthy ecology, it establishes natural homes for a variety of migrating birds, squirrels, insecting and other wildlife.	
Target Group	:	Students	
Contact Information of the Coordinator(s)	:	SK. VALIBEEBI SK. SUMAIYA FATHIMA	

NSS Coordinator PRINCIPAL

Title of the Event		Plantation Drive-Haritha Haram			
Organizing Department	:	NSS Unit			
Sponsored by	:	ABRCET			
Date(s) of the Event	:	27-02-2019 No. of Days 1		1	
Time	:	10:30 AM to 12:30 PM			
Overview of the Event	:	Government agencies: By engaging in plantation activities in their respective regions of operation, government agencies including the municipal corporation, public works department, and forest department can take part in the initiative.			



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Objectives of the Event	:	The first objective is sought to be achieved by a multi-pronged approach of rejuvenating degraded forests, ensuring more effective protection of forests against smuggling, encroachment, fire, grazing and intensive soil and moisture conservation measures following the watershed approach.	
Outcomes of the Event	:	Overall, the Haritha Haram programme has several benefits for the environment, economy, and human health, and has been successful in achieving its objectives of increasing the green cover and promoting environmental conservation	
Target Group	:	Students & Faculty	
Contact Information of the Coordinator(s)		K. PRABHAVATHI K. NAGAMANI	

PRINCIPAL NSS Coordinator

Title of the Event	:	Swatch Bharat		
Organizing Department	:	NSS Unit		
Sponsored by	:	ABR College of Engineer	ing and Tech	nology
Date(s) of the Event	:	08-02-2019	No. of Days	1
Time	:	10:30 AM TO 12:30 PM		



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Overview of the Event	NSS Team of ABRCET has planned to conduct a Sw Bharat aim of promoting cleanliness, hygiene, and sanita across the college			
Objectives of the Event	:	To ensure the safety and well-being of students within the educational institution by creating an environment free from harassment, bullying, and any form of violence.		
Outcomes of the Event	:	Cleanliness and Hygiene around the campus and surroundings.		
Target Group	:	Students		
Contact Information of the Coordinator(s)		K. RAMYA SREE K. PRIYADARSHINI		

NSS Coordinator PRINCIPAL



Title of the Event	:	Swatch Bharat		
Organizing Department	:	NSS Unit		
Sponsored by	:	ABR College of Engineer	ing and Tech	nology
Date(s) of the Event	:	30-11-2018	No. of Days	1



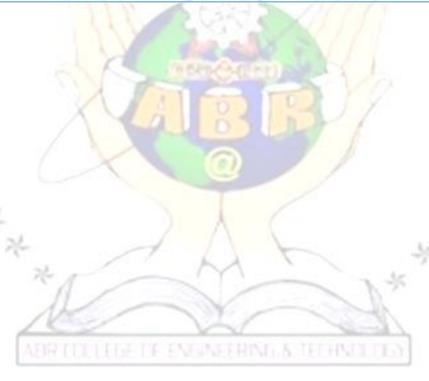
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-		
Time	:	10:30 AM to 4:00 PM
Overview of the Event	:	NSS Team of ABRCET has planned to conduct a Swatch Bharat to the homeless people living in the streets of nearer to PLACE
Objectives of the Event	:	To collect and purchase blankets for distributing to help the homeless people living in the streets during winter season.
Outcomes of the Event		This great way of helping the community, especially for the homeless living in the streets against rain and winter season.
Target Group		Homeless people at PLACE
Contact Information of the Coordinator(s)	÷	NSS Team

NSS Coordinator PRINCIPAL



Title of the Event :	Clean and Green Drive	
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Organizing Department	:	NSS Unit		
Sponsored by	:	ABRCET		
Date(s) of the Event	:	4-07-2018		
Time	:	10:30 AM to 4:00 PM		
Overview of the Event	:	Environmental protection / Go Green / Swatch Bharat Mission are the concepts evolved after realizing the harmfulness of pollution.		
Objectives of the Event	:	Environmental protection / Go Green / Swatch Bharat Mission are the concepts evolved after realizing the harmfulness of pollution. which affects not only human health but also the ecological balance. Optimum use of natural resources and keeping our environment clean and green are necessary for healthy living and sustainable future.		
Outcomes of the Event		Optimum use of natural resources and keeping our environment clean and green are necessary for healthy living and sustainable future.		
Target Group	:	Students & Faculty		
Contact Information of the Coordinator(s)	1	1.Y. DILEEP SEN, ABRCET 2.Y. DAVID, ABRCET		

NSS Coordinator PRINCIPAL





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Title of the Event	:	Plantation Drive-Haritha	Plantation Drive-Haritha Haram		
Organizing Department	:	NSS Unit			
Sponsored by	:	ABRCET			
Date(s) of the Event	:	09-07-2018 No. of Days 1		1	
Time	:	10:30 AM to 12:30 PM	10:30 AM to 12:30 PM		
Overview of the Event	:	The goal of the Telangana government's flagship initiative, Haritha Haram, is to increase the state's green cover. The term Haritha Haram translates to "green garland" in Telugu, Telangana's official language.			
Objectives of the Event		Nuclear arms and Global warming are the major two threats to the human existence," Noam Chomsky, a World-renowned, living public intellectual, stated in his book named Hegemony or Survival: America's quest for Global Dominance.			
Outcomes of the Event	:	Overall, the Haritha Haram programme has several benefits for the environment, economy, and human health, and has been successful in achieving its objectives of increasing the green cover and promoting environmental conservation			
Target Group		Students			
Contact Information of the Coordinator(s)		G NAGENDRAMMA E. SRINIVASULU			
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PRINCIPAL NSS Coordinator

PROPOSAL TO ORGANIZE

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NSS ACTIVITY

Title of the Event	:	Haritha Haram
Organizing Department	:	NSS Unit
Sponsored by	:	ABRCET
Date(s) of the Event	:	16-06-2018
Time	:	10:30 AM to 12:30 PM
Overview of the Event	٠	Forest blocks adjacent to major cities and towns are under development as urban parks, acting as urban "lung" spaces. The vegetation in urban open spaces acts as a sink for carbon dioxide. They reduce pollution and produce oxygen.
Objectives of the Event	:	 The main objective of the Haritha Haram programme is to increase the green cover of the state from the existing 24% to 33% by planting and nurturing millions of saplings every year. The programme also aims to create awareness among the public about the importance of preserving and protecting the environment.
Outcomes of the Event	:	Overall, the Haritha Haram programme has several benefits for the environment, economy, and human health, and has been successful in achieving its objectives of increasing the green cover and promoting environmental conservation in Kanigiri.
Target Group	:	Students
Contact Information of the Coordinator(s)	:	S. RAMU S. PRAVEENA
NSS Coordina	tor	PRINCIPAL



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Figure: Greenery in ABRCET



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Figure: Agricultural land in ABRCET



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7.1.2 5. Disabled-Friendly, Barrier Free Environment

POLICY DOCUMENT DIVYANGJAN (PEOPLE OF DISABILITES)

ABR College of Engineering and Technology which provides higher education encourages participation of students irrespective of their physical disabilities. The Institute promotes education and assists differently abled students in creating employment opportunities.

Concessions for Differently Abled,

As per order of JNTUK, Kakinada,

- i. Our college gives exemption in payment of exam fee.
- ii. Reduction of pass mark in each subject by 10%.

Steps for Differently Abled

The College shall take following steps for the benefit of differently abled persons:

- Provide counselling to differently able students on the types of courses they could study at the higher education institutions.
- To encourage students with disabilities from rural background to pursue Higher education, hostel fee is waived.
- Will not reject any admission on basis of being differently able.
- Disseminate information regarding government or university orders dealing with fee concessions, examination procedures, reservation, policies, etc., pertaining to differently able persons.
- Assess the educational needs of differently able persons enrolled in the higher education institutes to determine the types of assistive devices to be procured.
- Assess the ability of differently able students and assist them in getting appropriate employment through training and placement.



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Amenities for Differently Abled

Apart from the above orders specified by JNTUK and various steps to be taken by the Institute, the institute shall ensure that following amenities shall be in place for DIVYANG students:

1. Ramp/Rail: The institute shall provide barrier free environment in important buildings for differently able students. Ramp/Rail shall be sited at the main entrance and exit of the building, where any disabled student can easily identify and access it. The ramp shall be wide enough that a wheelchair user can use without any problem.



Figure: Ramp for Physically Disabled Person

- 2. Accessible Toilets: The toilet shall be wide enough for free movement of differently able students. The floor surface shall be made of Anti-skid material. Separate toilet shall be made available for people with different abilities.
- 3. Braille Software: The institute shall provide Braille Blaster software at the central library on the ground door for blind students. So that, he/she can never lag in any kind of the subjects in the process of learning; in an addition to this, he/she can read/study any kind of book of their choice. A Ramp/Rail provision is sited at the central library where the student can maneuver easily.



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Scribes for Examination: The institution shall provide or allow scribers for those students who are in need while writing exams. Controller of Examinations shall allow the student on the recommendations of principal to grant extra time to disabled candidates for answering papers at university examinations. Extra time up to 20 min/hour can be given to complete the paper.

- 1. In the case of students who are eligible for availing the services of scribes. The principal shall authorize to appoint scribes according to the following conditions.
- 2. The scribe shall not be an employee of the college/centre where the examination is conducted.
- 3. The scribe shall not be a relative of the student who is appearing for the examination.
- 4. The educational qualifications of the scribe shall be less than those of the student.
- 5. A Performa with declaration in the format given institute shall be obtained from the scribe.
- 6. The Performa signed by the scribe shall be forwarded to the institute.

