

**Sir M. Visvesvaraya Institute of Technology
Bangalore – 562 157**



INDEX SHEET

Clean and Green Campus Initiatives

CRITERIA NO.: 7

SUBCRITERIA NO.: 7.1.3.3

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PRINCIPAL

Sir M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
Krishnadevarayanagar, Munasamaranahalli,
International Airport Road, Bangalore - 562 157.

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY

Krishnadevarayanagar, Hunasamaranahalli, International Air Port Road, Bangalore-562 157.

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Ph. : 080-2846 7248, 2847 7024/25/26 Fax : 080-2846 7081

E-mail : principal@sirmvit.edu; sirmvitbgl@gmail.com, Web : www.sirmvit.edu

**Action Report and Achievement report on Clean and Green campus initiatives****Action plan for Clean and Green campus initiatives**

Action plan for 2022-2023		
Sl.No	Action Plan	Tentative Date
1	Sapling plantation	December 2022
2	Swatch Abhiyan in college	February 2023
3	World Environment Day	June 2023
4	Sewage Treatment plant Maintenance	2023
Action plan for 2021-2022		
1	Sapling plantation	July 2021
2	Awareness of ban of plastic	February 2022
3	World Environment Day	June 2022
Action plan for 2019-2020		
1	Sapling plantation	August 2019
2	Awareness on water usage	January 2020
3	World Environment Day	June 2020

Achievement of Clean and Green campus initiatives followed by the report

Achievement for 2022-2023			
Sl.No	Action Plan	Event conducted Date	Achieved (YES/NO)
1	Sapling plantation	05-06-2023	YES
2	Swatch Abhiyan in college	17-02-2023	YES
3	World Environment Day	05-06-2023	YES
4	Sewage Treatment plant Maintenance	12-08-2023	YES
Achievement plan for 2021-2022			
1	Sapling plantation	17-07-2021	YES
2	Awareness of ban of plastic	-	NO
3	World Environment Day	05-06-2022	YES
Achievement plan for 2019-2020			
1	Sapling plantation	10-08-2019	YES
2	Awareness on water usage	-	NO
3	World Environment Day	05-06-2020	YES

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Green campus details

Green campus

Plants and trees are essential for any educational institution. Green cover makes the campus aesthetically pleasing and also helps in providing good environment for the students. Planting saplings and maintaining the same has to be done periodically.

Observations:

This campus has a green area with various plants and trees of different species. The Green club/Eco club unit of the college have been moving a step towards creating a greener campus with different programs and plantation activities. The campus is rich in biodiversity.

The institute is situated in 133 acres and has huge plantation. Ample green space has been dedicated in the campus. Regular plantation, maintenance and land scaping is being carried out.

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E-mail : principal@simvit.edu; simvitbgl@gmail.com, Web : www.simvit.edu



List of trees and plants in the campus.

Sl. No.	Scientific Name	Common Name	Quantity
1	<i>Polyalthea longifolia</i>	Ashoka Mara	108
2	<i>Phyllanthus emblica</i>	Bettada Nalli	31
3	<i>Terminalia arjuna</i>	Arjuna Mara	1
4	<i>Acacia auriculiformes</i>	Bangala Jali	292
5	<i>Sapindus mukorissi</i>	Antuvala gida	2
6	<i>Ficus benghalensis</i>	Banyan Tree	5
7	<i>Bambus vulgaris</i>	Bamboo	7
8	<i>Seavola taccada</i>	Bhadrakshi mara	2
9	<i>Bahunia purpurea</i>	Basavana Pada	23
10	<i>Aegle manmelo correa</i>	Bilva vruksha	5
11	<i>Diospy melanoxycon</i>	Beedi leaf tree	1
12	<i>Albezia odorotismo</i>	Base mara	16
13	<i>Bombax ceiba</i>	Booruga mara	6
14	<i>Thespesia popular</i>	Burgari mara	1
15	<i>Callistemin spp.</i>	Bottle brush mara	3
16	<i>Pithecellobium dulce</i>	Manila tamarind	5
17	<i>Persea americana</i>	Mosaru kayi mara	1
18	<i>Cacsalpinia pulcherima</i>	Kengige mara	4
19	<i>Cassia specta bulis</i>	Pagada Thanjadi	21
20	<i>Cassia siamia</i>	Pagada Thanjadi	19
21	<i>Picea abies</i>	Christmas mara	2
22	<i>Cocos nucifera</i>	Coconut	32
23	<i>Peltophorum pterocarpum</i>	Bettada Hunase	11
24	<i>Magnolia champaca</i>	Sampige mara	25
25	<i>Tecoma carpensis</i>	Kolave hoo	1
26	<i>Dalbersia latifolia</i>	Dalbegia mara	5
27	<i>Dalbersia Sissoo</i>	Sissoo mara	1

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28	<i>Encalyptur globulns</i>	Neeligiri mara	144
29	<i>Phoenix syevestris</i>	Eechalu mara	3
30	<i>Pterocarpus mauritiana</i>	Honne Mara	1
31	<i>Alstomia macrophyllle</i>	Addasarpa	1
32	<i>Borassus flabellifer</i>	Elachikayi mara	1
33	<i>Ficus</i>	Atti mara	11
34	<i>Delonix regia</i>	Kattikayi mara	12
35	<i>Psidium guajava</i>	Chepekayi mara	1
36	<i>Madhuca longifolia</i>	Ippe mara	9
37	<i>Holoptelea integrifolia</i>	Thapasi mara	2
38	<i>Jacaranda mimosifolia</i>	Jacaranda mara	41
39	<i>Artocarpus heterophyllus</i>	Halasina mara	2
40	<i>Syzygium jambulica</i>	Jammunerale	39
41	<i>Neolamarcika cadamba</i>	Kadamba mara	2
42	<i>Khaya senegalensis</i>	Kaya mara	3
43	<i>Ficus tinctoria</i>	Kallathi mara	1
44	<i>Kigelia africana</i>	Kigelia mara	12
45	<i>Lagerstroemia speciosa</i>	Arasina thiga	11
46	<i>Svetania marcopala</i>	Mahagani	4
47	<i>Mangifera indica</i>	Mango	3
48	<i>Acacia mangium</i>	Mangium mara	3301
49	<i>Millingtonia hortensis</i>	Akasha mallige	1
50	<i>Butea monosperma</i>	Muttuga mara	4
51	<i>Azadirachta indica</i>	Bevina mara	35
52	<i>Ficus religiosa</i>	Arali mara	14
53	<i>Pongamia pinnata</i>	Honge mara	104
54	<i>Withania coagulans</i>	Panner mara	1
55	<i>Samanca saman</i>	Male mara	1
56	<i>Annona reticulata</i>	Ram pal	3

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57	<i>Roystonea regia</i>	Royal palm	21
58	<i>Santalum album</i>	Sandal wood	18
59	<i>Spathodea campanulate</i>	Uchkayi mara	20
60	<i>Prosopis cineraria</i>	Banni mara	1
61	<i>Grevillea robusta</i>	Silver oak	390
62	<i>Simarouba glauca</i>	Simarouba mara	4
63	<i>Muntingia calabura</i>	Gasa Gase mara	12
64	<i>Annona reticulata</i>	Custard apple	3
65	<i>Leucaena leucicephala</i>	Chigaru soppu mara	6
66	<i>Tamarindus indica</i>	Hunse mara	16
67	<i>Tectona grandis</i>	Thegade mara	4033
68	<i>Tabebuia rosea</i>	Rosy trumped tree	17
69	<i>Tabebuia argentea</i>	Caribbean trumped tree	43
70	<i>Sterculia foetida</i>	Wild badam	1

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Sewage Treatment plant

Sewage Treatment Plant

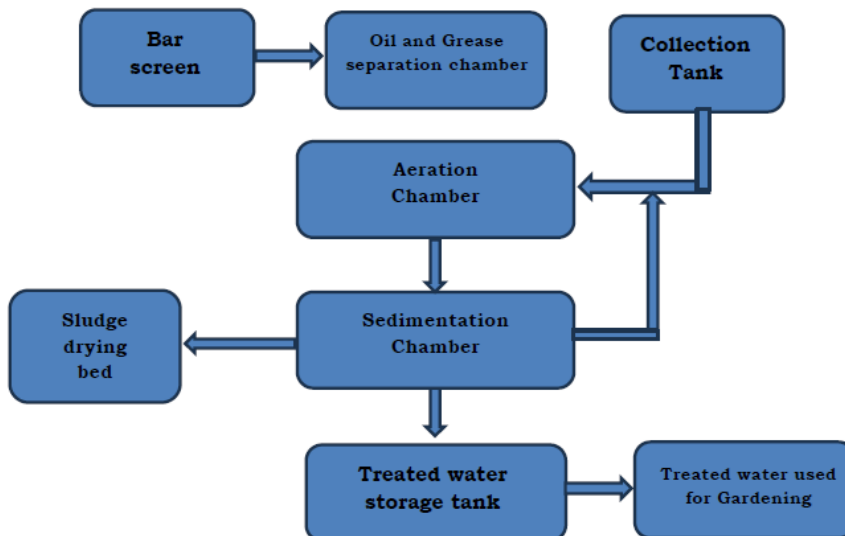
Waste water from washrooms, urinals, toilets, kitchen generally termed as sewage can be treated and be reused. Treated sewage can be used for gardening, flushing and so on. This helps in minimizing the use of fresh water for flushing and gardening.

Observations:

Sewage treatment plant has been installed in the campus. The STP treats the waste water generated in the campus. Treated wastewater is used for gardening within the campus.

Sl. No.	Details	Remarks
1	Wastewater Source	Toilets, Labs, Canteen, Mess
2	Use of waste water	Treated wastewater for gardening
3	Fate of waste water from labs	Treated in STP
4	Whether waste water from labs is mixed with other wastewater sources	Yes
5	Any treatment for lab waste?	NA
6	Disposal of wastewater	Reuse after proper treatment
7	Use of treated wastewater from STP	
8	Capacity of STP in the campus	20 KLD

Treatment process involved in 200 KLD and 125 KLD STP installed in the campus



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Dustbins placed in campus

Dustbins are placed in the campus at the required point. Dustbins are kept separately for wet and dry waste. Campus is having around 200 dustbins placed at several places.

Dust bins placed for waste segregation and collection.



Dustbins placed for waste segregation and collection of wet and dry waste



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GREEN
CAMPUS
2023



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Krishnadevarayanagar, Hunasamaranahalli, Bengaluru-562157



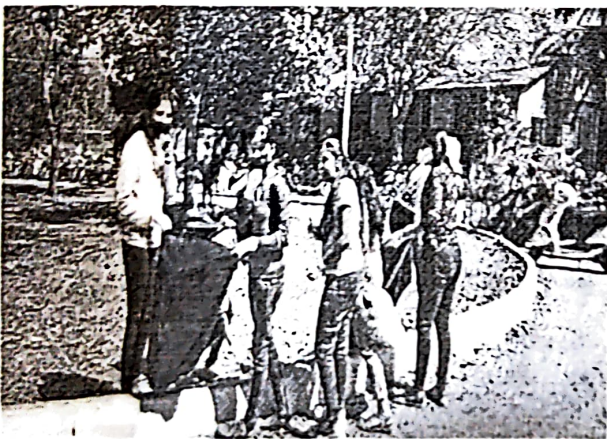
NATIONAL SERVICE SCHEME

Report on Campus Clean-up Drive - Swachh MVIT Abhiyan on 17th Feb 2023

The Eco Club - Nisarga of Sir MVIT, of Susamskriti in association with NSS - National Service Scheme - Sir MVIT Chapter and Institution's Innovation Council, conducted a Campus Clean-up Drive - Swachh MVIT Abhiyan on 17th Feb 2023.

About 100 students involved in the clean-up drive were from the 1st and 3rd Semester BE Biotechnology and volunteers of NSS. The students were briefed about the importance of clean-up drive for keeping the campus clean and tidy by the mentors of the Eco Club and NSS (Dr. Sudevi Basu and Mr. Byregowda respectively) and the member of IIC (Dr. K. V. Rashmi).

The students were given hand gloves and biodegradable bags to collect trash from every nook and corner of the campus. The students enthusiastically collected almost 25 large bags of trash containing non-degradable wastes like chips packet, pet bottles, soft drink bottles, plastic carry bags, chocolate wrappers, paper cups with wax and plastic liner etc. After the event, the students were provided with fruit juice and were advised to be the clean-up ambassadors to spread the message to their friends to keep the campus clean and green.





We thank you to all the coordinators, students, Principal, Management for their kind support.

BYREGOWDA B K

NSS Coordinator

Sudevi Basu

Faculty Mentor - NISARGA



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**NISARGA
ECO CLUB**



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)



In association with

NSS

Sir MVIT Chapter



Organizes

**CAMPUS CLEAN-UP DRIVE
"SWACHH MVIT ABHIYAN"**

February 17, 2023

12.30 PM to 3.30 PM


GREEN
CAMPUS
2022

SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY

GREEN CAMPUS

The following list of *GREEN CAMPUS* Activities shown in table are conducted under **NSS** (NATIONAL SERVICE SCHEME) and **YRC** (YOUTH RED CROSS) during Jan 2021- JUNE 2022

Sl No	Name of the Programme/Activity	Duration	Number of Participating Students	Description of the Programme
1	Sapling Planting	01 day 17-07-2021	300	The Sapling Planting Program was organized in an Association with FICCI- ROYAL HERITAGE Green Mission by NSS and YRC of SIR MVIT.
2	World Environment Day	01 day 05-06-2022	50	NSS and YRC of SirMVIT celebrated World Environment Day. Principal and other department HODs and Faculty were present.



NSS Coordinator

Byregowda B K

N.S.S. CO-ORDINATOR
Sir MVIT



YRC Coordinator

Karthik M



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NATIONAL SERVICE SCHEME & YOUTH RED CROSS



SAPLING PLANTING -FICCI- ROYAL HERITAGE

GREEN INITIATIVE

The Sapling Planting Program was organized in an Association with **FICCI- ROYAL HERITAGE** Green Mission on **17-07-2021, Saturday** from **10:00 AM to 3:30 PM** by NSS and YRC of SIR MVIT.

Sri Dr A C Chandrasekhar raju, President, Sri K V Shekar Raju, Vice-President, Sri K Syama Raju, Secretary, Sri Srinivasa Raju, Sri Prabhakara Raju, Academic Chairman, Sri KET, principal **Dr Manjunath V R**, and members of FICCI were participated in the event.

All the students from 1st year, 2nd year, 3rd year and final year have participated in the event. HODs and faculty from each department cooperated to make the event success.

We are thankful to the speakers and students those who participated in the event. And thankful to Principal, Management, and HODs for their kind support.

Thanking you,

Karthik M

YRC coordinator

Yours faithfully

BYREGOWDA B K

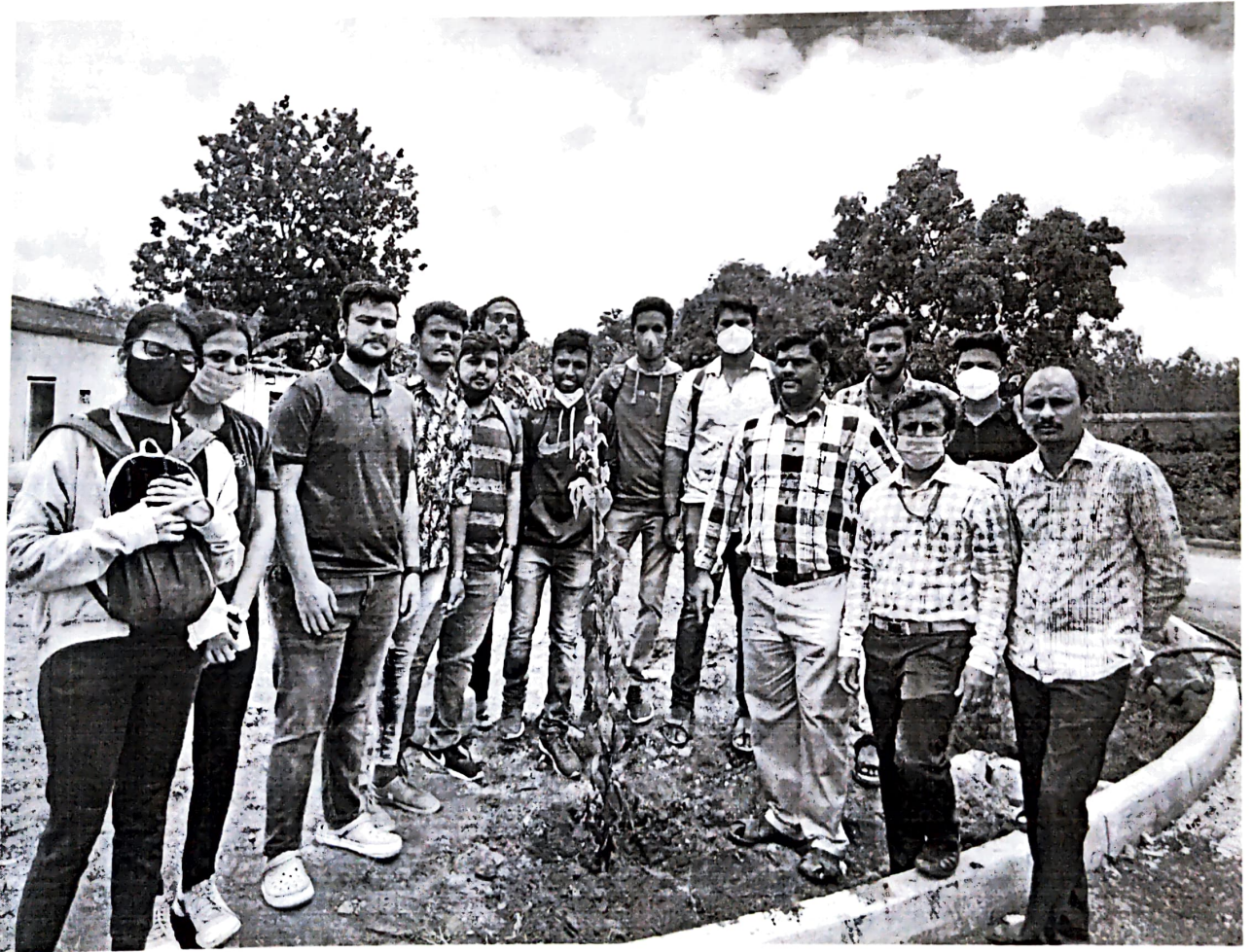
NSS Program Officer

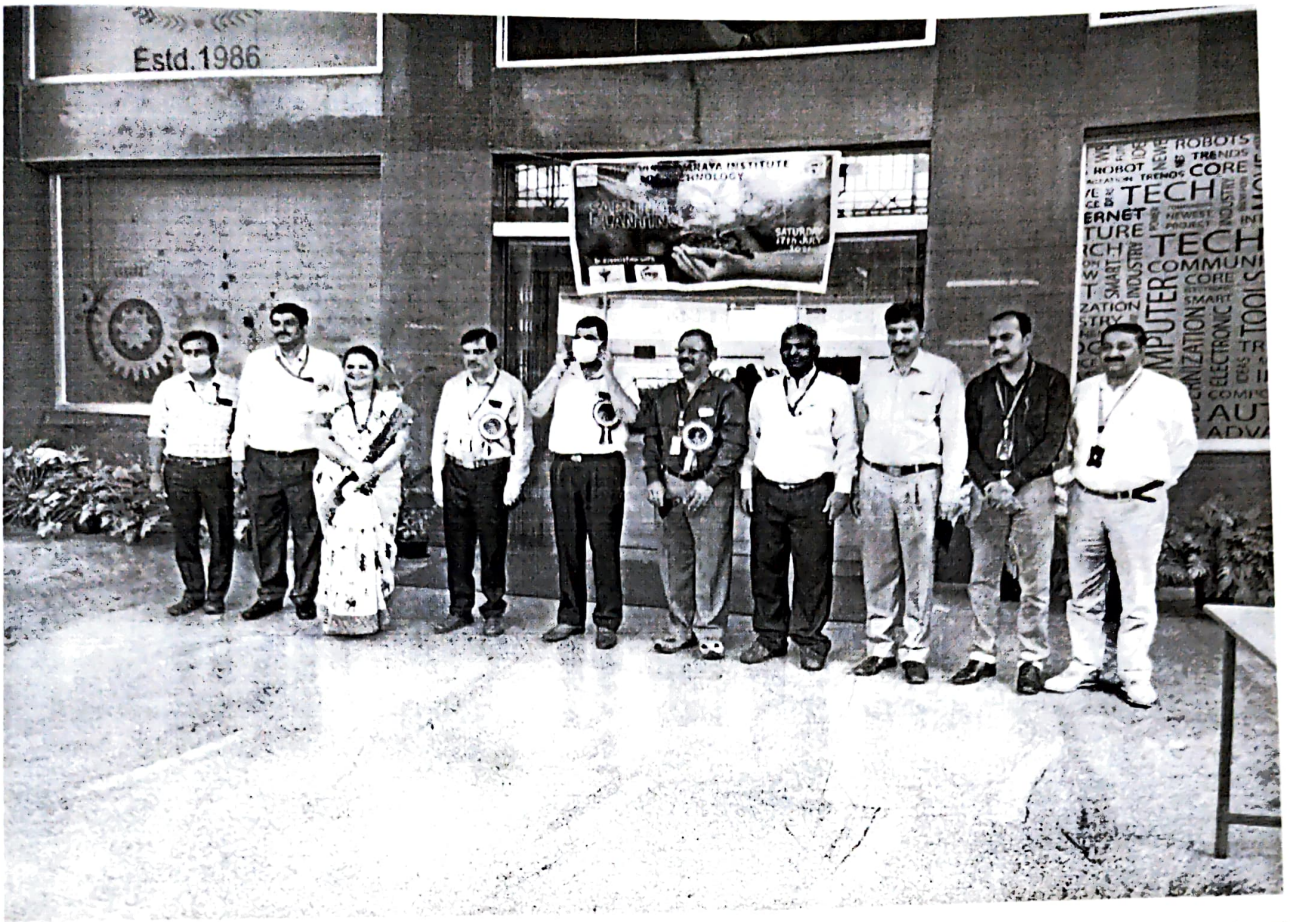
S.S. CO-ORDINATOR
Sir MVIT

Copy to :

- NSS file
- YRC coordinator
- Principal, For kind information

NOTE: Photos and enclosures attached.





PIC : all Department HOD, staff, students group photos



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NATIONAL SERVICE SCHEME & YOUTH RED CROSS



Indian
Red Cross Society

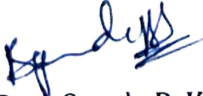
GREEN INITIATIVE -WORLD ENVIRONMENT DAY CELEBRATION - 2022


"SAVE TREE SAVE EARTH"

The National Service Scheme & Youth Red Cross of SIR MVIT celebrated world environment day on 05.06.2022 by planting the sapling in college premises by Principal & various department HOD's and Students.

Around 50 students participated in the event. Event started at 11 AM and end at 2PM. The area selected for planting is between MCA Block and New Building Block.




Mr. Byre Gowda B. K
NSS CO-ORDINATOR
NSS program officer
SIR MVIT


Mr. Karthik M
YRC coordinator

Encl: Photos of the event



Mr Padmanabh, Staff, Horticulture deoartment, Sir MVIT giving information about scientific names of the plants.



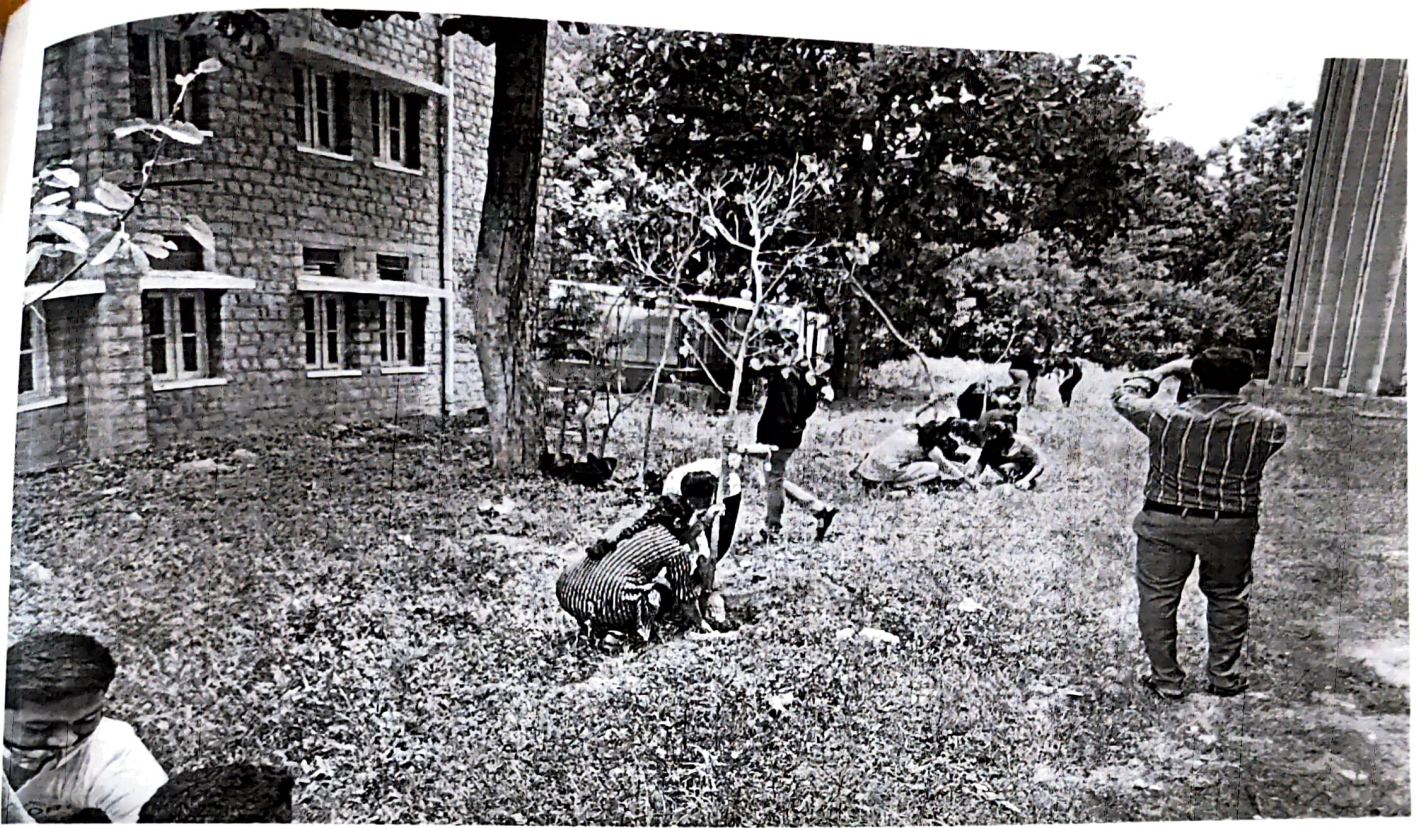


FIG : Planting saplings.



Pic : Group photo of students.


GREEN
CAMPUS
2020

The following **Green Initiative** activities are conducted under NSS & YRC of Sir MVIT for the 2019-2020 (from **February 2019** to till date)

SL NO	DATE	EVENT	DETAILS
1	10.08.2019	Sapling of plants	NSS, YRC unit of Sir MVIT
2	05-06.2020	World environment day	NSS, YRC unit of Sir MVIT


Karthik M

YRC coordinator


Byre Gowda B K

NSS coordinator



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Krishnadevarayanagar, Hunasamaranahalli, Bengaluru-562157

Green Initiative

YOUTH RED CROSS



Indian
Red Cross Society

NATIONAL SERVICE SCHEME






10.08.2019

Sapling of plants

NSS, YRC unit of Sir MVIT



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	NATIONAL SERVICE SCHEME & YOUTH RED CROSS	 Indian Red Cross Society

WORLD ENVIRONMENT DAY CELEBRATION – 2020

"Although individual decisions may seem small in the face of global threats and trends, when billions of people join forces in common purpose, we can make a tremendous difference."

The National Service Scheme & Youth Red Cross of SIR MVIT celebrated world environment day on 05.06.2020 by planting the sapling in college premises by Principal & various department HOD's.

Participants of event are:

1. Dr V R Manjunath, Prinicpal
2. Dr Nagendra, HOD –BT
3. Dr. Kavitha E, HOD – TC
4. Dr. Uma S, Prof Mathematics
5. Dr. Manjula S koi, HOD- MCA
6. Dr. Sandhya S HOD- MBA
7. Dr. Hariharan N, HOD- Physics
8. Dr Vani priya, ISE dept.
9. Mrs. Pallavi, CSE dept.
10. Mr. Byre Gowda B. K – NSS program officer
11. Mr. Karthik M – YRC coordinator



Mr. Byre Gowda B. K

NSS program officer



Mr. Karthik M

YRC coordinator

Encl: Photos of the event



Fig: Planting a sapling – HODs from TC, MCA, MBA, BT, Physics, along with Principal Sir MVIT, and Staff from Maths Dept, NSS coordinator, YRC coordinator.



Fig: participation of Faculty from CSE and ISE