YEARS) 2021 - 2022 AND 2022 - 2023 e STUDY PERIOD

Sustainability study RENEWAL AUDIT REPORT

Studied for Sri Padmavati Mahila Visvavidyalayam

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Govt. State Level University Recognized by UGC (Under the act of 1956)

Studied in the capacity of

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Accredited and Certified Green Building Professional



Website: <u>https://thegreenviosolutions.co.in/</u> Email: <u>greenviosolutions@gmail.com</u> Valid till **30 April 2024**

Disclaimer

The Audit Team has prepared this report for the **Sri Padmavati Mahila Visvavidyalayam** located at <u>NTR Marg, Padmavathi Nagar, Tirupati – 517 502, Andhra</u> <u>Pradesh, India</u> based on input data submitted by the University and analyzed by the team to the best of their abilities.

The details have been consolidated and thoroughly studied as per the various guidelines for Green Buildings available in National and International Standards; the report has been generated based on a comparative analysis of the existing facilities and the prerequisites formulated by various standards. The inputs derived are a result of the inspection and research. These will further enhance and develop a Healthy and Sustainable Institution.

These can be implemented phase-wise or as a whole depending on the decision taken by the Hon'ble Management and University. The warranty or undertaking, expressed or implied is made and no responsibility is accepted by Audit Team in this report or for any direct or consequential loss arising from any use of the information, statements, or forecasts in the report.

The audit is a thorough study based on the inspection and investigation of data collected over a while and should not be used for any legal action. This is the property of Greenvio Solutions and should not be copied or regenerated in any form.

The Report is prepared by the Team of Greenvio Solutions under their brand and department – Sustainable Academe as Consultancy firm with the Project Head - Ar. Nahida Shaikh who is an Accredited and Certified Green Building Professional. Green Building consultancy is her forte and she is one of the most sought-after names when it comes to providing excellent quality services within the stipulated time frame.

The Study is conducted incapacity of an Accredited & Certified Green Building Professional with extensive experience.

Greenvio Solutions

Developing Healthy and Sustainable Environments We are an Environmental and Architectural Design Consultancy firm <u>Sustainable Academe</u> is our department for conducting Audits Palghar District, Maharashtra- 401208 <u>sustainableacademe@gmail.com</u>



Acknowledgment

The Audit Assessment Team thanks the **Sri Padmavati Mahila Visvavidyalayam**, **Andhra Pradesh** for assigning this important work of Green Audit. We appreciate the cooperation extended to our team during the entire process.

Our heartfelt thanks to Chairperson of the entire process **Prof. Tripura Sundari,** Director, IQAC-SPMVV and **Prof. T. Kumar,** Convenor of the process for the valuable inputs.

Our special thanks are due to **Prof. M. Aruna**, Dept. of Law; **Prof. T.G.Amuthavalli**, Dept. of Education; **Prof. R. Jaya Madhuri**, Dept. of Microbiology; **Prof. A. Sridevi**, Institute of Pharmaceutical Technology; **Ms. M. Mohini**, Assistant Engineer-II (Civil) Engineering section and **Mr. M. Anand**, Assistant Engineer (Electrical) Engineering section.

We highly appreciate the assistance of the **entire Teaching**, **Non-teaching**, **and Admin staff** for their support while collecting the data.

Sustainable Academe

Brand of Greenvio Solutions, Palghar District, Maharashtra- 401208



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1. Introduction

1.1 About the Institute

Sri Padmavati Mahila Visvavidyalayam (University for Women) was founded in the year 1983 by Sri N.T.Rama Rao, the then Chief Minister of Andhra Pradesh, with the fervent desire to train women students as better builders of the Nation and to inculcate skills of leadership in all aspects of life.

The University was established under the Sri Padmavati Mahila Visvavidyalayam Act of 1983, which has come into force on the 14 of April 1983. It was started with ten faculties and 300 students and twenty staff members. Today the University has a student population nearly 4,000 and an academic staff of 105 and 131 academic consultants.

This year the University has 59 courses at the post-graduate and undergraduate level and a good component of research. The campus has the necessary buildings to run its academic programmes and administrative machinery.

There are separate buildings for Humanities and Sciences, University Administration, Central Library, University Auditorium, Sericulture Complex, and School of Pharmaceutical Sciences and also an independent building for Computer Science, Business Management and Engineering College.

1.2 Assessment of the Institute

The University is recognized as a State University as documented below:

1.2.1 University Act

It was established under the Andhra Pradesh Act under 16, 1983, as amended by Act No. 17 of 1985 and was thus established as The University was established under the Sri Padmavati Mahila Visvavidyalayam Act of 1983.

1.2.2 Recognitions

The courses provided are recognized by Govt. of India's **University Grant Commission** (UGC) sections 2(f) and 12(b) respectively.



1.2.3 Certification

The University has received the following Certifications.

- The University received the ISO 9001:2015 Certification for providing Educational Services by M/s HYM International Certifications Pvt. Ltd.
- In the NIRF rankings, Sri Padmavati Mahila Visvavidyalayam (SPMVV) in Tirupati retained its rank band 151-200 for University category

1.2.4 Accreditation

The following are details of the reaccreditation of the University.

Cycle	First	Second	Third	Fourth
CGPA	-	2.51	3.11	3.38
Grade	Four Star	В	А	A+
Year	2002	2010	2016	2023

Table 1: NAAC Accreditation details of the University

1.2.5 Approval

The details of the significant approvals are as follows:

S. No.	Institute/ Department	Approval	Since
1	Institute of Pharmaceutical Technology	Pharmacy Council of India (P.C.I) A statutory body of government of India constituted under the Pharmacy Act, 1948, responsible for regulation of pharmacy education and practice of profession in the country for registration as a pharmacist.	2000
2	Department of Law	Bar Council of India (B.C.I) A statutory body established under the section 4 of Advocates Act 1961 that regulates the legal practice and legal education in India.	2015
3	Department of Education	National Council for Teacher Education (N.C.T.E) A statutory body in pursuance of the National Council for	1996



		Teacher Education Act, 1993	
4	B.Ed Special Education	Rehabilitation Council of India (RCI) The apex government body, set up under an Act of Parliament, to regulate training programmes and courses targeted at disabled, disadvantaged, and special education requirement communities.	1989
5	School of Engineering & Technology	All India Council for Technical Education (AICTE) A national-level Apex Advisory Body to conduct a survey on the facilities available for technical education and to promote development in the country in a coordinated and integrated manner.	2009
6	School of Nursing	The University has the approval of Andhra Pradesh Government, State Nursing Council and Indian Nursing Council, New Delhi for the G.N.M. Course offered	2013

Table 2: Details of the various Approvals of the Institute

1.3 Site Area & Building Spread Area

The total site area is 130 Acres and the total Built-up area of University is 8,18,750 sq. ft.

1.4 Timeline of activities for research

As the University had undergone a renewal for the Academic year 2021-2022 and 2022-2023, data collection processes for verification purposes were asked to be submitted.

- Discussion with the University
- Allotment and Initiation by the University
- Process discussion with team
- Data submitted by University
- Submission of the files



2. Compliance

The compliance study was carried out through investigative ways. This was done to understand the **extent of suggestions and their implementations based on previous report of Academic years 2019-2020 and 2020-2021.**

2.1 Comparative analysis

The details of the suggestions are based on the **Original Report dated 14 January 2022** is further documented below. It is based on the data collection process.

S. No.	Recommendation	Status
1.	Canteen	Canteen is working in an eco-friendly environment and disposable cutlery is partially used in the campus.
2.	Dry and wet waste collection	Dry and wet waste is collected from hostels and other blocks periodically and composter is available.

Table 3: Details of the compliance study

2.2 Innovative green building features introduced

This section documents the innovative and new features that have been implemented and in function recently.

2.2.1 Natural Farming Model

A model on natural farming is established during 25 June 202 at Department of Biosciences and Sericulture, Sri Padmavati Mahila Visvavidyalayam, Tirupati. **The size of the natural farming model is 36 ft. 36 ft.**

Natural farming is a system where the laws of nature are applied to agricultural practices. This method works along with the normal biodiversity of each famed area, encouraging the complexity of living organisms, both plants, and animals that shape each particular ecosystem to thrive along with food and plants.

There are nearly 8 kinds of leafy vegetables belonging to the Amarantus family and 5



kinds of vegetables like tomato, Brinjal, Ladies finger, Ridge guard, Bitter Guard, Corn and Broad beans have been cultivated. The harvest is sufficient for nearly 20 members.

Natural farming is a chemical free and more or less poison free farming method. The system discourages farmers from using any chemical fertilizers, pesticides on plants. This _ fanning method encourages students and famers to use local breeds of seeds and native varieties of vegetables. **Natural farming methods also promote nonchemical and homemade pest control methods.**





Plate 1: Evidence of the Natural farming model



2.2.2 Urban Dense Forest

Urban dense forest has been established at Department of Biosciences and Seiculture in the 'month of December 2022, supported by AGS health, which is being maintained by department of Biosciences and Sericulture, Sri Padmavati Mahila Visvavidyalayam, Tirupati.

Urban dense forest was developed **using Miyawaki method which is a fascinating complex ecosystem which will be in balance with today's soil and climate conditions.** There are nearly 32 species that have been planted and the forest grows each year by a minimum of 1 meter, without chemicals or synthetic fertilizers

Urban dense forest beautifies the land and makes the environment more enjoyable for everyone around. It improves the air quality, decreases noise level and regulates the temperature. Soil is being protected from erosion and risk of flooding.

It also provides great habitat for biodiversity and stores significant amount of Carbon dioxide that no longer stay in the atmosphere.



Plate 2: Details of the urban forest area and its beautification



Evidences 3.

The information shared by the Institute to support the documentations are listed below:



SRI PADMAVATI MAHILA VISVAVIDYALAYAM (Women's University) Tirupati, Andhra Pradesh-517502, India ISO 9001 : 2015



College Name: Sri Padmavati Mahila Visvavidyalayam: Tirupati (School of Social Sciences)

Name of the Activity: NSS Regular Activities Particulars Year: 2022-23

Sno	Name of the . Activity	Date/s of the Activity	Place of the Activity	No.of Volunteers Participated	Target Beneficiary
Unit-2 1	NSS Day	24-9-22	SPMVV, TPT	100	Students
2	Ekta divas- National Unity day	31-10-22	SPMVV, TPT	80	Students
3	Plantation	6-12-22	SPMVV, TPT	72	Students
4	World Cancer Day	4-2-23	SPMVV, TPT	79	Students Publics

Sno	Name of the Activity	Date/s of the Activity	Place of the Activity	No.of Volunteers Participated	Target Beneficiary
Unit-3 1	Awareness Prog. On Significance of Indian Flag and Role of Women in Freedom struggle	11-8-22	Nagoor colony Tirupati	56	Village
2	Awareness Prog. On Nutrition for well being	20-9-22	Ramachandra puram, TPT	65	Village
3	NSS Day Celebration	24-9-22	SPMVV, TPT	100	Students
4	Tree Plantation	21-12-2022	SPMVV, Tirupati	100	Tirupati Publics
5	Gynaecological Camp	10-3-2023	SPMVV,Tirupati	100	Tirupati Publics
	Special Camp	21-4-23 to	Thanapalle	50	Village & Students

PROGRAMME CO-ORDINATOR NATIONAL SERVICE SCHEME UNIVERSITY COLLEGE S.P. MAHILA VISVAVIDYALAYAM TIRUPATI - 517 502



		27-4-23				
Sno	Name of the Activity	Date/s of the Activity	Place of the Activity	No. of Volunteers Participated	Target Beneficiary	
Unit-4 1	NSS Day	24-9-22	SPMVV, TPT	90	Students	
2	Swatchabharath	19-10-22	SPMVV, TPT	78	Students Publics	
3	Ekta divas- National Unity day	31-10-22	SPMVV, TPT	67	Students	

Sno	Name of the Activity	Date/s of the Activity	Place of the Activity	No.of Volunteers Participated	Target Beneficiary
Unit-5 1	Essay writing competition on "NSS an opportunity – Nation Building"	22.09.2022	Dept. of Education	26	Students
2.	NSS Day 23.09.2022 competition		Dept. of Education	17	Students
3	Celebration of NSS 24.09.2022 Day		Saveri Seminar hall, SPVV	80	Students
4	Clean India Programme	15 th to 18 th October, 2022	Near Humanities Block, SPMVV	64	Students
5 Purchase of Plants 18.12.2022 with pots Plantation		Dept. of Education		Students	

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Sno	Name of the Activity	Date/s of the Activity	Place of the Activity	No. of Volunteers Participated	Target Beneficiary	
Unit-7	Practice of Yoga	April-26 th 2022	University physical education grounds	45	Students	
2	International Yoga Day 21-06-2022	21 st June 2022	Indoor stadium SPMVV	20	Students	_
3	Personality development	6-07-2022	Humanities block, Dept.of Economics Room no. 116	25	Students	
4	Personality Traits needed for Success	29-06-2022	Humanities block, Dept.of Economics Room no. 116	26	Students	PRUGRAMME CO-ORDINA NATIONAL SERVICE SCHEME UNIVERSITY COLLEGE S. D. MAILLA VISIONAL AVAIL



Sno	Name of the Activity	Date/s of the Activity	Place of the Activity	No.of Volunteers Participated	Target Beneficiary
Unit-6 1	Elocution writing competition in connection with NSS Day	22.09.2022	Dept. of Education	32	Students
2.	NSS Day competition	23.09.2022	Dept. of Education	50	Students
3	Celebration of NSS Day	24.09.2022	Saveri Seminar hall, SPVV	74	Students
4	Clean India Programme	15 th to 18 th October, 2022	Near Humanities Block, SPMVV	60	Students
5	Purchase of Plants with pots Plantation	18.12.2022	Dept. of Education		Students

	Activity	Activity	Volunteers Participated		
Practice of Yoga	April-26 th 2022	University physical education grounds	45	Students	
International Yoga Day 21-06-2022	21 st June 2022	Indoor stadium SPMVV	20	Students	
Personality development	6-07-2022	Humanities block, Dept.of Economics Room no. 116	25	Students	
Personality Traits needed for Success	29-06-2022	Humanities block, Dept.of Economics Room no. 116	26	Students	PROGRAMME CO-ORDINAA NATIONAL SERVICE SCHEME UNIVERSITY COLLEGE
F I Z	Practice of Yoga International Yoga Day Personality development Personality Traits needed for Success	Practice of Yoga April-26 th 2022 International Yoga Day 21 st June 2022 Personality development 6-07-2022 Personality Traits needed 29-06-2022 for Success	Practice of Yoga April-26 th 2022 University physical education grounds International Yoga Day 21 st June 2022 Indoor stadium SPMVV Personality development 6-07-2022 Humanities block, Dept.of Economics Room no. 116 Personality Traits needed for Success 29-06-2022 Humanities block, Dept.of Economics Room no. 116	Participated Participated Practice of Yoga April-26 th 2022 University physical education grounds 45 International Yoga Day 21 st June 2022 Indoor stadium SPMVV 20 Personality development 6-07-2022 Humanities block, Dept. of Economics Room no. 116 25 Personality Traits needed for Success 29-06-2022 Humanities block, Dept. of Economics Room no. 116 26	ParticipatedPractice of YogaApril-26 th 2022University physical education grounds45StudentsInternational Yoga Day P1-06-202221 st June 2022Indoor stadium SPMVV20StudentsPersonality development6-07-2022Humanities block, Dept.of Economics Room no. 11625StudentsPersonality Traits needed for Success29-06-2022Humanities block, Dept.of Economics Room no. 11626Students

5	Clean India-Swatch Bharath	August 6 th 2022	Humanities block/near MBA Building	40	Students
6	Personality Development on "From Campus to corporate organizations "	16th Aug.2022	Humanities block, Dept.of Economics Room no. 116	27	Students
7	Har GHAR TIRANGA PROGRAMME	August 8 th 2022		56	Students
8	Folk Dance competitions on occasion of NSS Formation day	Sep.22	Humanities block, Room no. 117	55	Students
9	NSS Day	24-09-2022	Saaviree seminar hall	42	Students
10	Clean India Movement	Oct-15 th	Humanities Block, SPMVV	32	Students
11	NATIONAL UNITY DAY 2022	31-10-2022	University	56	Student volunteers
12	Awareness and interaction on Govt. Financial statement analysis	29th November 2022	Law dept. SPMVV	73	Student volunteers
13	Plantations at	21-12-2022	Humanities Block, SPMVV	20	Students
14	National Youth Fest participation at Hubli	12th to 17th Jan.2023	Hubli, Karnataka	4	Students .
15	HOME ENERGY AUDIT survey at adopted village (Kuntrapakam	28 th January 2023	Nagoor colony Kuntrapakam	25	Students /
16	Swatchhatha programme	1-10-2022	humanity block	50	Students
17	Challenges for sustainable development in rural India	25-1-2023	at SPW Degree and PG college Tirupati on	73	Students





18	National Girl Child day	25-01-2023	Saviree seminar hall at SPMVV	40	Students	
19	Self Defence Mechanism	9TH Feb.2023	Open area at Physics dept. premises, SPMVV	60	Students	
21	Orientation on NSS Activities	12-02-2023	SPMVV	50	Students	-
22	Socio, Economic survey, Village resource mapping	13-02-2023	Kuntrapakam	50	Students /	-
23	Each one Teach One	14-02-2023	MPP School, Kuntranakam	50	community	
24	ENT-Health camp	15-02-2023	Kuntranakam	50		
25	Awareness on Millets Recipes	16-02-2023	Kuntrapakam	50	community	
26	Each one Teach One	17-02-2023	MPP School, Kuntranakam	50	community	
27	Interaction with SHG Group women at Kuntrapakam	18-02-2023	Kuntrapakam	50	Students / community	

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Sno	Name of the Activity	Date/s of the Activity	Place of the Activity	No.of Volunteers Participated	Target Beneficiary
Unit-8 1	World Nature Conservation day	28-7-22	SPMVV, TPT	80	Students With You tube Channel NSS Unit II
2	International Self care day	4-8-22	SPMVV, TPT	79	-do-
3	Swachatha activity	6-8-22 & 13-8-22	SPMVV, TPT	84	-do-
4	100 mts National Flag Campaign rally	12-8-22	From SPMVV to Balaji Colony	77	-do-
5	National Flag Cycle Rally	13-8-22	SPMVV to SPW college	80	-do-
6	Har Ghar Trianga Campaign(Distribution of flags in Community and SPMVV	14-8-22	Gayathri Nagar	70	-do- Gayathri Nagar
7	Women's Equality Day	26-8-22	SPMVV, TPT	80	-do-
8	World Ozone day	16-9-22	SPMVV,TPT	78	-do-
9	Medical Camp for Anemia Awareness	16-9-22	SPMVV,TPT	80	-do-
10	NSS Day	24-9-22	SPMVV, TPT	75	-do-
11	World Heart day	29-9-22	SPMVV, TPT	80	
12	Ektha Diwas	31-10-22	SPMVV, TPT	80	-do-
13	Plantation (IPT)	24-12-22	SPMVV, TPT	75	-do-
14	Cancer day	4-2-23	SPMVV,TPT	79	-do-
15	Science day			80	-do-
16	International Women's Day	8-3-23	SPMVV,TPT	79	
17	Campaign at Patha Sanambatla Village	3-3-23 4-3-23	Patha Sanambatla Village	75	-do- Patha Sanambatla Village

PROGRAMME CO-DRDINATOR NATIONAL SERVICE SCHEME UNIVERSITY COLLEGE 5.9. MARILA VISVAVIOVALAYAM TIRUPATI - 517 502



Sno	Name of the Activity	Date/s of the Activity	Place of the Activity	No.of Volunteers	Target Beneficiary
Unit-9 1	Awareness on International Self care day	24-7-022	SPMVV, TPT	100	Students
2	Video Making competitions Independence day	14-8-22	SPMVV,TPT	42	Student People
3	Seminar & Workshop in connection with Nutrition Month Celebrations	23-9-22	SPMVV,TPT	200	Students
4	Clean India Compiegne	13-10-22 to 30-10-22	SPMVV,TPT	48	Students
5	Rally in connection with Ekta Diwas/Unity day	31-10-22	SPMVV,TPT	40 ,	Students
6	Rally and Cancer Screening to faculty World Cancer day	4-2-23	SPMVV,TPT	186	Students
7	Seminar & Poster Presentation Competitions National Science day	28-2-23	SPMVV,TPT	275	Students
Sno	Name of the Activity	Date/s of the Activity	Place of the Activity	No.of Volunteers	Target Beneficiary
1.1.10				Participated	
l	Student Interaction with Alumini	29-7-22	SPMVV, TPT	40	Old Students
2	Breast feeding Awareness programme	3-8-22	Angnawadi Centre,Sri Krishna Nagar	75	Angnawadi Centre, Sri Krishna Nagar
3	Awareness Prog. On Self Care	6-8-22	SPMVV, TPT	45	Students
	Azadi ka Amrit Mahotsay	12-8-22	SPMVV, TPT	47	Students

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5	Nutrition week	22-9-22	SPMVV,TPT	98	Students	
6	Nutrition week	23-9-22	SPMVV,TPT	98	Students	
7	Millet awareness	1-2-23	SPMVV,TPT	110	Students	
8	Millet awareness	2-2-23	SPMVV,TPT	110	Students	
Sno	Name of the Activity	Date/s of the Activity	Place of the Activity	No.of Volunteers Participated	Target Beneficiary	
Unit-11	World Environment	22-6-22	SPMVV, TPT	75	Old Students	
2	Swachhata Prgramme	1-7-22	SPMVV,TPT	80	Student People	
3	Swachata Programme	1-8-22	SPMVV, TPT	69	Students	
4	The Role of Youth in National Buildings	24-9-22	SPMVV,TPT	73	Students	
5	Personality development Gadgets at MCH school	1-2-23	MCH School Doddapuram St, TPT	100	MCH School Doddapurm St, TPT	
6.	Self Help Demo for Students	9-2-23	Self HelP Groups	80	Self Help Groups	
Sno	Name of the Activity	Date/s of the Activity	Place of the Activity	No. of Volunteers Participated	Target Beneficiary	
Unit -11	National Unity day	31-10-2022	SPMVV-TPT	25	Students	
2	Yoga and Meditation	21-06-2022	SPMVV-TPT	41	Students	
3	Plantation	20-12-2022	SPMVV-TPT	22	Campus	
4	Inaugural Orientation	12-02-2023	SPMVV/Village	50	Students /villagers	1.1500-
5	Volunteers Transat Walk and Interaction	13-02-2023	SPMVV/Village	50	Students /villagers	PROGRAMME CO-ORDINATOR NATIONAL SERVICE SCHEME
6	Swachhta programme at	14-03-2023	SPMVV/Village	50	Students	S.P. MAHILA VISVAVIDYALAYAM

Sno	Name of the Activity	Date/s of the Activity	Place of the Activity	No.of Volunteers Participated	Target Beneficiary
Unit14 1	Plantation (Manure, Erra matti, Plants, grass)	9-2-23	Engineering College	98	Whole College
2	Swatcha bharath	15-3-23	Engineering Colleges	85	Whole College
Unit-15	SwatchaBharath	6-2-23	Engineering College	100	Whole College
2	Plantation (Manure, Erra matti Plants.grass)	20-3-23	Engineering College	79	Whole College
3	Har Ghar Dhyan (the	24-2-23	Engineering College	45	Whole College
Unit-16	Swatchbharath	22-2-23	Engineering College	92	Whole College
2	Plantation (Manure, Erra matti,Plants,grass)	23-3-23	Engineering College	80	Whole College
Unit -15	Special Camp	17-4-23 to 22-4-23	Dugasamudhram Village	50	Village& Students

Prof J. Katyayani

NSS Co-ordinator PROGRAMME CO-ORDINATOR NATIONAL SERVICE SCHEME UNIVERSITY COLLEGE S.P. MAHLA VISVAVIDYALAYAM TIRUPATI - 517 502

5



Sno	Name of the Activity	Date/s of the Activity	Place of the Activity	No.of Volunteers	Target Beneficiary
10	Rally and Valedictory	18-03-2023	SPMVV/Village	50	Students /villagers
9	Importance of Millets	17-03-2023	SPMVV/Village	50	Students /villagers
8	School and Plantation	16-03-2023	SPMVV/Village	50	Students /villagers
 7	Health Camp	15-03-2023	SPMVV/Village	50	Students /villagers
	village				/villagers

		the netrony	,	Participated	
Unit-12 1	Swachcha Bharath	22-8-22	SPMVV, TPT	60 🥏	Students
2	Plantation	24-12-22	SPMVV,TPT	65	Students
3	Cancer Awareness Programme	4-2-23	SPMVV,TPT	62s	

Sno	Name of the Activity	Date/s of the Activity	Place of the Activity	No.of Volunteers Participated	Target Beneficiary
Unit-13 1	AIDS Awareness Rally	1-12-2022	Tirupati	100	Tirupati Publics
2	World Health day	7-4-2023	Tirupati	100	Tirupati Publics

PROGRAMME CO-ORDINATOR NATIONAL SERVICE SCHEME UNIVERSITY COLLEGE S.P. MAHILA VISVAVIDYALAYAM TIRUPATI - 517 502

Plate 3: Details of the events conducted



4. Inferences

4.1 Section-wise recommendations

The following suggestions are to be considered as a *first priority* for implementation. These **should be executed within the next 1.5 to 2.5 years from the date of the Report submission.** The Institute can execute a plan after discussion with Project Head.

4.1 Green Audit

- Plant as a gift As a kind gesture, the guests visiting the premise can be asked to plant a small plant on the premise itself and they can be even given plants/bouquets from the flowers of the plants on the premise as a gift.
- Environmental awareness There can be various artworks on the compound wall giving the message of saving the environment through the joint efforts of the students and staff thereby making the student socially and environmentally responsible citizens.
- Documentation Improve and increase the documentation and visibility/ reflectance of the environment related events on the website, social media handles
- Undertake environment study of local areas This aspect is w.r.t. environmental parameters and submits the same to local municipality for further up gradations.

4.2 Waste Audit

- Dustbins at every 100m There should be a dustbin at every 50-100 in the open spaces
- Material of the dustbin The current plastic dustbins should be replaced with ecofriendly material.
- Include better plastic/ E-waste management measures The Institute can celebrate one day of every month as a 'Plastic/ E-waste awareness day' The stakeholders (Students and staff members) can be asked to bring plastic/ E-waste which can be further given to an NGO for recycling or better purpose.



4.3 Water Audit

Waterless urinals - There can be the provision of waterless urinals as a Green Building initiative in the premise, either the existing ones can be replaced with such a facility or new toilets can be constructed in this manner.

4.4 Health and Hygiene Audit

- Courtyards and duct areas These are located in the internal and setback should have vertical gardens for beautification.
- Avoid burning waste The waste produced on the premises should not be burned as it is dangerous to the health of students and staff
- Signboards The Institute should have multiple signboards about 'No smoking' and 'Healthy premises' at every nook and corner of the Institute.
- Compound wall The compound wall should have awareness messages about 'No Smoking' and 'No Tobacco'





Core team working on site and in discussion with external team





Enhanced green cover in the site





Facilities such as Library, Ground and Auditorium among many others



Social upliftment initiatives by the NSS Team











Awards and recognitions of the University



Greenvia





5. Compilation

The study is based on the data collected, analysed, rechecked, and confirmed through multiple modes. For the quality study, some standards/ notes have been referred to. These are listed and noted below. However, no direct references have been used anywhere. These are used as a base to analyse and study the data collected.

- Uniform Plumbing Code India, 2008
- IGBC Green Existing Buildings Operation & Maintenance (O&M) Rating system, Pilot version, Abridged Reference Guide, April 2013
- **IGBC** Green Landscape Rating system, March 2013
- BOMA Canada Waste Auditing Guide, Best Environmental Standards, BOMA BEST – Canada
- Used only for understanding Universal design Universal Accessibility Guidelines for Pedestrian, Non-motorized vehicle and Public Transport Infrastructure – Report guidelines by Samarthyam (National center for Accessible Environments) – an initiative supported by Shakti Sustainable Energy Foundation and www.umassd.edu
- The city of Cheyenne, Streetscape/ Urban Design elements Wyoming Planning Association, Gillette, Wyoming, United States
- Images on site by Coordinators of the both teams





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